Astrodienst Ephemeris Tables

from the year 1000 for 50 years

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1000
geocentric

JANUARY 1000 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 0 31	15♑47'34	11♎11	10♑46	19♒46	26°R45	0♑10	17°R18	3♓10	25♐50	5♏59	26°R31	25♈57	13♐29	25♈ 6	M 1
T 2	7 4 27	16°48'39	23°30	12°25	20°59	26♋22	0°24	17♉17	3°12	25°52	6° 0	26♈31	25°54	13°35	25° 6	T 2
W 3	7 8 24	17°49'43	5♏33	14° 4	22°13	25°59	0°38	17°16	3°15	25°54	6° 1	26°31	25°51	13°42	25° 6	W 3
T 4	7 12 21	18°50'47	17°26	15°44	23°26	25°36	0°51	17°15	3°17	25°56	6° 2	26°29	25°47	13°49	25° 6	T 4
F 5	7 16 17	19°51'50	29°14	17°24	24°39	25°12	1° 5	17°14	3°20	25°58	6° 3	26°25	25°44	13°55	25° 7	F 5
S 6	7 20 14	20°52'53	11♐ 2	19° 5	25°52	24°48	1°18	17°13	3°23	26° 0	6° 4	26°18	25°41	14° 2	25° 7	S 6
S 7	7 24 10	21°53'54	22°52	20°46	27° 5	24°24	1°32	17°12	3°26	26° 2	6° 5	26° 8	25°38	14° 9	25° 7	S 7
M 8	7 28 7	22°54'55	4♑49	22°29	28°19	24° 0	1°45	17°11	3°28	26° 5	6° 6	25°56	25°35	14°15	25° 8	M 8
T 9	7 32 3	23°55'55	16°53	24°11	29°32	23°36	1°59	17°11	3°31	26° 7	6° 7	25°41	25°31	14°22	25° 8	T 9
W10	7 36 0	24°56'54	29° 6	25°55	0♓44	23°12	2°12	17°10	3°34	26° 9	6° 8	25°27	25°28	14°29	25° 9	W10
T 11	7 39 56	25°57'52	11♒28	27°39	1°57	22°48	2°26	17°10	3°37	26°11	6° 9	25°12	25°25	14°35	25°10	T 11
F 12	7 43 53	26°58'49	23°59	29°24	3°10	22°24	2°39	17°10	3°40	26°13	6°10	25° 0	25°22	14°42	25°10	F 12
S 13	7 47 50	27°59'44	6♓41	1♒ 9	4°23	22° 0	2°52	17°D10	3°43	26°15	6°11	24°50	25°19	14°49	25°11	S 13
S 14	7 51 46	29° 0'38	19°34	2°55	5°35	21°37	3° 6	17°10	3°46	26°17	6°11	24°43	25°16	14°56	25°12	S 14
M15	7 55 43	0♒ 1'31	2♈39	4°42	6°48	21°13	3°19	17°10	3°49	26°19	6°12	24°39	25°12	15° 2	25°13	M15
T 16	7 59 39	1° 2'22	15°58	6°29	8° 1	20°51	3°32	17°10	3°52	26°21	6°13	24°38	25° 9	15° 9	25°14	T 16
W17	8 3 36	2° 3'12	29°33	8°17	9°13	20°28	3°45	17°11	3°55	26°23	6°13	24°38	25° 6	15°16	25°15	W17
T 18	8 7 32	3° 4'00	13♉25	10° 5	10°25	20° 6	3°58	17°11	3°58	26°25	6°14	24°38	25° 3	15°22	25°16	T 18
F 19	8 11 29	4° 4'46	27°36	11°53	11°38	19°44	4°11	17°12	4° 1	26°27	6°14	24°36	25° 0	15°29	25°17	F 19
S 20	8 15 25	5° 5'31	12♊ 4	13°41	12°50	19°23	4°24	17°12	4° 4	26°28	6°15	24°32	24°57	15°36	25°18	S 20
S 21	8 19 22	6° 6'14	26°47	15°30	14° 2	19° 3	4°37	17°13	4° 7	26°30	6°15	24°25	24°53	15°42	25°19	S 21
M22	8 23 19	7° 6'56	11♋37	17°18	15°14	18°43	4°50	17°14	4°10	26°32	6°16	24°16	24°50	15°49	25°21	M22
T 23	8 27 15	8° 7'36	26°29	19° 6	16°26	18°23	5° 3	17°15	4°13	26°34	6°16	24° 4	24°47	15°56	25°22	T 23
W24	8 31 12	9° 8'14	11♌12	20°54	17°37	18° 4	5°15	17°16	4°17	26°36	6°17	23°53	24°44	16° 2	25°23	W24
T 25	8 35 8	10° 8'51	25°38	22°41	18°49	17°46	5°28	17°18	4°20	26°38	6°17	23°42	24°41	16° 9	25°25	T 25
F 26	8 39 5	11° 9'26	9♍41	24°26	20° 1	17°28	5°41	17°19	4°23	26°39	6°17	23°33	24°37	16°16	25°26	F 26
S 27	8 43 1	12°10'00	23°17	26°10	21°12	17°11	5°53	17°21	4°26	26°41	6°17	23°27	24°34	16°23	25°28	S 27
S 28	8 46 58	13°10'33	6♎27	27°53	22°24	16°55	6° 6	17°22	4°29	26°43	6°18	23°24	24°31	16°29	25°30	S 28
M29	8 50 54	14°11'04	19°12	29°32	23°35	16°39	6°18	17°24	4°33	26°44	6°18	23°D22	24°28	16°36	25°31	M29
T 30	8 54 51	15°11'34	1♏35	1♓ 9	24°46	16°24	6°31	17°26	4°36	26°46	6°18	23°22	24°25	16°43	25°33	T 30
W31	8 58 48	16♒12'02	13♏42	2♓43	25♓57	16♋10	6♑43	17♉28	4♓39	26♐48	6♏18	23°R23	24♈22	16♐49	25♈35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s38	3s13	1n20	24s54	1s47	16s31	1s38	25n 5	4n15	23s31	0n 4	15n 3	2s 8	11s 6	0s45	22s27	1n 3	0n47	15n13	10n17	10n 5	26s19	10n18	0n34
T 2	22 30	8 55	0 16	24 49	1 50	16 6	1 36	25 11	4 16	23 31	0 4	15 3	2 7	11 5	0 45	22 27	1 3	0 47	15 13	10 17	10 3	26 20	10 18	0 34
W 3	22 23	14 11	0s48	24 42	1 53	15 41	1 35	25 16	4 17	23 31	0 3	15 3	2 7	11 4	0 45	22 27	1 3	0 47	15 13	10 17	10 2	26 22	10 18	0 34
T 4	22 14	18 51	1 48	24 33	1 56	15 15	1 33	25 22	4 18	23 31	0 3	15 3	2 7	11 3	0 45	22 27	1 3	0 47	15 14	10 16	10 1	26 23	10 18	0 34
F 5	22 6	22 46	2 44	24 23	1 58	14 49	1 32	25 28	4 19	23 31	0 3	15 3	2 7	11 2	0 45	22 27	1 3	0 47	15 14	10 15	10 0	26 24	10 18	0 34
S 6	21 56	25 43	3 32	24 11	2 0	14 23	1 30	25 33	4 20	23 31	0 3	15 3	2 6	11 1	0 44	22 28	1 3	0 48	15 15	10 12	9 59	26 26	10 18	0 34
S 7	21 47	27 33	4 11	23 57	2 1	13 56	1 28	25 38	4 21	23 31	0 3	15 3	2 6	11 0	0 44	22 28	1 3	0 48	15 15	10 9	9 58	26 27	10 18	0 34
M 8	21 37	28 8	4 40	23 42	2 3	13 29	1 27	25 43	4 22	23 31	0 3	15 3	2 6	10 59	0 44	22 28	1 3	0 48	15 16	10 4	9 56	26 29	10 18	0 33
T 9	21 26	27 23	4 56	23 25	2 3	13 1	1 25	25 48	4 23	23 31	0 3	15 3	2 5	10 58	0 44	22 28	1 3	0 48	15 16	9 59	9 55	26 30	10 18	0 33
W10	21 15	25 19	4 59	23 6	2 4	12 34	1 23	25 53	4 23	23 30	0 3	15 3	2 5	10 57	0 44	22 28	1 3	0 48	15 17	9 54	9 54	26 31	10 18	0 33
T 11	21 4	22 2	4 47	22 46	2 4	12 6	1 21	25 58	4 23	23 30	0 3	15 3	2 5	10 55	0 44	22 28	1 3	0 48	15 17	9 48	9 53	26 33	10 18	0 33
F 12	20 53	17 43	4 22	22 24	2 3	11 37	1 19	26 2	4 24	23 30	0 3	15 4	2 5	10 54	0 44	22 28	1 3	0 49	15 17	9 44	9 52	26 34	10 18	0 33
S 13	20 41	12 34	3 44	22 0	2 2	11 9	1 16	26 6	4 24	23 30	0 2	15 4	2 4	10 53	0 44	22 28	1 3	0 49	15 18	9 40	9 51	26 36	10 18	0 33
S 14	20 28	6 49	2 54	21 34	2 0	10 40	1 14	26 10	4 24	23 30	0 2	15 4	2 4	10 52	0 44	22 28	1 3	0 49	15 18	9 38	9 50	26 37	10 19	0 33
M15	20 15	0 40	1 53	21 6	1 58	10 10	1 12	26 14	4 24	23 30	0 2	15 4	2 4	10 51	0 44	22 28	1 3	0 49	15 19	9 36	9 48	26 38	10 19	0 33
T 16	20 2	5n37	0 46	20 37	1 56	9 41	1 9	26 17	4 24	23 29	0 2	15 5	2 3	10 50	0 44	22 28	1 3	0 49	15 19	9 36	9 47	26 40	10 19	0 33
W17	19 49	11 47	0n26	20 6	1 53	9 11	1 7	26 21	4 24	23 29	0 2	15 5	2 3	10 49	0 44	22 28	1 3	0 50	15 20	9 36	9 46	26 41	10 19	0 32
T 18	19 35	17 30	1 38	19 34	1 49	8 41	1 4	26 24	4 23	23 29	0 2	15 6	2 3	10 48	0 44	22 28	1 3	0 50	15 20	9 36	9 45	26 42	10 20	0 32
F 19	19 21	22 24	2 45	19 0	1 45	8 11	1 2	26 27	4 23	23 28	0 2	15 6	2 3	10 47	0 44	22 28	1 3	0 50	15 21	9 35	9 44	26 44	10 20	0 32
S 20	19 6	26 2	3 43	18 24	1 40	7 41	0 59	26 29	4 22	23 28	0 2	15 7	2 2	10 45	0 44	22 28	1 3	0 50	15 21	9 33	9 43	26 45	10 20	0 32
S 21	18 51	27 59	4 27	17 46	1 34	7 11	0 56	26 32	4 22	23 28	0 2	15 7	2 2	10 44	0 44	22 28	1 3	0 51	15 22	9 31	9 41	26 46	10 21	0 32
M22	18 36	27 56	4 54	17 8	1 28	6 40	0 53	26 34	4 21	23 27	0 2	15 8	2 2	10 43	0 44	22 28	1 3	0 51	15 22	9 27	9 40	26 47	10 21	0 32
T 23	18 20	25 53	5 0	16 27	1 21	6 9	0 50	26 36	4 20	23 27	0 1	15 8	2 1	10 42	0 44	22 28	1 3	0 51	15 23	9 23	9 39	26 49	10 21	0 32
W24	18 4	22 7	4 47	15 46	1 13	5 38	0 47	26 38	4 19	23 27	0 1	15 9	2 1	10 41	0 44	22 28	1 3	0 52	15 23	9 19	9 38	26 50	10 22	0 32
T 25	17 48	17 3	4 16	15 3	1 5	5 7	0 44	26 39	4 18	23 26	0 1	15 9	2 1	10 40	0 44	22 28	1 3	0 52	15 24	9 15	9 37	26 51	10 22	0 32
F 26	17 31	11 13	3 30	14 19	0 56	4 36	0 41	26 41	4 17	23 26	0 1	15 10	2 0	10 38	0 44	22 28	1 3	0 52	15 24	9 12	9 35	26 52	10 23	0 32
S 27	17 14	5 0	2 32	13 35	0 46	4 5	0 38	26 42	4 16	23 25	0 1	15 11	2 0	10 37	0 44	22 28	1 3	0 53	15 25	9 9	9 34	26 54	10 23	0 31
S 28	16 57	1s13	1 29	12 50	0 35	3 34	0 34	26 43	4 15	23 25	0 1	15 12	2 0	10 36	0 44	22 28	1 3	0 53	15 25	9 8	9 33	26 55	10 24	0 31
M29	16 40	7 13	0 22	12 4	0 24	3 2	0 31	26 43	4 14	23 24	0 1	15 12	2 0	10 35	0 44	22 28	1 3	0 54	15 26	9 8	9 32	26 56	10 24	0 31
T 30	16 22	12 46	0s44	11 19	0 12	2 31	0 27	26 44	4 13	23 24	0 1	15 13	1 59	10 34	0 44	22 28	1 3	0 54	15 26	9 8	9 31	26 57	10 25	0 31
W31	16s 4	17s43	1s46	10s33	0n 1	1s59	0s24	26n44	4n11	23s23	0n 1	15n14	1s59	10s32	0s44	22s29	1n 3	0n54	15n26	9n 8	9n30	26s59	10n25	0n31

Julian Day Number = 2086307.5, Delta T = 24m23s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'09, Lahiri = 9°55'10 Julian Calendar 1 Jan. 1000 == Greg. Calendar 6 Jan. 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

FEBRUARY 1000 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 2 44	17♒12'29	25♏37	4♓13	27♓ 8	15°R57	6♉55	17♉30	4♓43	26♐49	6♏18	23°R22	24♈18	16♐56	25♈37	T 1
F 2	9 6 41	18°12'55	7♐27	5°38	28°19	15♋44	7° 7	17°32	4°46	26°51	6°18	23♈20	24°15	17° 3	25°38	F 2
S 3	9 10 37	19°13'19	19°17	6°57	29°30	15°32	7°20	17°34	4°49	26°53	6°R18	23°16	24°12	17° 9	25°40	S 3
S 4	9 14 34	20°13'42	1♉10	8°11	0♈40	15°21	7°32	17°37	4°53	26°54	6°18	23° 9	24° 9	17°16	25°42	S 4
M 5	9 18 30	21°14'03	13°11	9°19	1°51	15°11	7°44	17°39	4°56	26°56	6°18	23° 0	24° 6	17°23	25°44	M 5
T 6	9 22 27	22°14'23	25°23	10°19	3° 1	15° 1	7°55	17°42	4°59	26°57	6°18	22°49	24° 3	17°29	25°46	T 6
W 7	9 26 24	23°14'41	7♒47	11°11	4°11	14°52	8° 7	17°44	5° 3	26°59	6°18	22°37	23°59	17°36	25°49	W 7
T 8	9 30 20	24°14'57	20°24	11°55	5°21	14°44	8°19	17°47	5° 6	27° 0	6°18	22°26	23°56	17°43	25°51	T 8
F 9	9 34 17	25°15'11	3♓14	12°31	6°31	14°37	8°31	17°50	5°10	27° 1	6°18	22°16	23°53	17°50	25°53	F 9
S 10	9 38 13	26°15'24	16°16	12°57	7°41	14°31	8°42	17°53	5°13	27° 3	6°17	22° 9	23°50	17°56	25°55	S 10
S 11	9 42 10	27°15'34	29°30	13°14	8°51	14°25	8°54	17°56	5°16	27° 4	6°17	22° 4	23°47	18° 3	25°58	S 11
M12	9 46 6	28°15'42	12♈55	13°R22	10° 0	14°20	9° 5	17°59	5°20	27° 6	6°17	22° 2	23°43	18°10	26° 0	M12
T 13	9 50 3	29°15'49	26°29	13°21	11°10	14°17	9°16	18° 3	5°23	27° 7	6°16	22°D 1	23°40	18°16	26° 2	T 13
W14	9 53 59	0♓15'53	10♉14	13°10	12°19	14°13	9°28	18° 6	5°27	27° 8	6°16	22° 2	23°37	18°23	26° 5	W14
T 15	9 57 56	1°15'55	24° 9	12°50	13°28	14°11	9°39	18°10	5°30	27° 9	6°16	22° 3	23°34	18°30	26° 7	T 15
F 16	10 1 52	2°15'54	8♊14	12°22	14°37	14° 9	9°50	18°13	5°34	27°11	6°15	22°R 3	23°31	18°36	26°10	F 16
S 17	10 5 49	3°15'52	22°28	11°47	15°46	14° 8	10° 1	18°17	5°37	27°12	6°15	22° 1	23°28	18°43	26°13	S 17
S 18	10 9 46	4°15'47	6♋49	11° 5	16°55	14°D 8	10°12	18°21	5°40	27°13	6°14	21°58	23°24	18°50	26°15	S 18
M19	10 13 42	5°15'40	21°13	10°17	18° 3	14° 9	10°22	18°25	5°44	27°14	6°14	21°52	23°21	18°57	26°18	M19
T 20	10 17 39	6°15'31	5♌36	9°25	19°11	14°10	10°33	18°29	5°47	27°15	6°13	21°45	23°18	19° 3	26°21	T 20
W21	10 21 35	7°15'19	19°51	8°30	20°19	14°12	10°44	18°33	5°51	27°16	6°12	21°38	23°15	19°10	26°23	W21
T 22	10 25 32	8°15'05	3♍55	7°32	21°27	14°15	10°54	18°37	5°54	27°17	6°12	21°31	23°12	19°17	26°26	T 22
F 23	10 29 28	9°14'49	17°41	6°35	22°35	14°18	11° 4	18°41	5°58	27°18	6°11	21°25	23° 9	19°23	26°29	F 23
S 24	10 33 25	10°14'31	1♎ 7	5°37	23°42	14°23	11°15	18°45	6° 1	27°19	6°10	21°21	23° 5	19°30	26°32	S 24
S 25	10 37 21	11°14'12	14°12	4°42	24°50	14°27	11°25	18°50	6° 5	27°20	6°10	21°19	23° 2	19°37	26°35	S 25
M26	10 41 18	12°13'50	26°56	3°50	25°57	14°33	11°35	18°54	6° 8	27°21	6° 9	21°D19	22°59	19°43	26°38	M26
T 27	10 45 15	13°13'26	9♏20	3° 1	27° 4	14°39	11°45	18°59	6°11	27°22	6° 8	21°20	22°56	19°50	26°41	T 27
W28	10 49 11	14°13'01	21°30	2°17	28°10	14°46	11°55	19° 4	6°15	27°23	6° 7	21°22	22°53	19°57	26°44	W28
T 29	10 53 8	15♓12'34	3♐28	1♓38	29♈17	14♋53	12♉ 4	19♉ 8	6♓18	27♐24	6♏ 6	21♈24	22♈49	20♐ 4	26♈47	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15s46	21s54	2s43	9s48	0n14	1s27	0s20	26n45	4n10	23s23	0n 1	15n15	1s59	10s31	0s44	22s29	1n 3	0n55	15n27	9n 8	9n28	27s 0	10n26	0n31	T 1
F 2	15 27	25 10	3 32	9 4	0 28	0 56	0 17	26 45	4 8	23 22	0 0	15 16	1 58	10 30	0 44	22 29	1 3	0 55	15 27	9 7	9 27	27 1	10 27	0 31	F 2
S 3	15 8	27 19	4 12	8 21	0 42	0 24	0 13	26 45	4 7	23 22	0 0	15 17	1 58	10 29	0 44	22 29	1 3	0 56	15 28	9 5	9 26	27 2	10 27	0 31	S 3
S 4	14 49	28 16	4 42	7 40	0 56	0n 7	0 9	26 44	4 5	23 21	0 0	15 18	1 58	10 27	0 44	22 29	1 3	0 56	15 28	9 3	9 25	27 3	10 28	0 31	S 4
M 5	14 30	27 52	4 59	7 1	1 11	0 39	0 6	26 44	4 4	23 21	0 0	15 18	1 58	10 26	0 44	22 29	1 4	0 57	15 29	8 59	9 24	27 5	10 28	0 31	M 5
T 6	14 10	26 8	5 3	6 25	1 26	1 11	0 2	26 44	4 2	23 20	0 0	15 19	1 57	10 25	0 44	22 29	1 4	0 57	15 29	8 55	9 23	27 6	10 29	0 30	T 6
W 7	13 51	23 8	4 53	5 51	1 42	1 42	0n 2	26 43	4 0	23 19	0s 0	15 21	1 57	10 24	0 44	22 29	1 4	0 58	15 30	8 51	9 21	27 7	10 30	0 30	W 7
T 8	13 31	19 0	4 29	5 20	1 57	2 14	0 6	26 42	3 59	23 19	0 0	15 22	1 57	10 22	0 44	22 29	1 4	0 58	15 30	8 47	9 20	27 8	10 31	0 30	T 8
F 9	13 10	13 57	3 50	4 53	2 11	2 45	0 10	26 41	3 57	23 18	0 0	15 23	1 57	10 21	0 44	22 29	1 4	0 59	15 31	8 43	9 19	27 9	10 31	0 30	F 9
S 10	12 50	8 12	2 59	4 29	2 26	3 17	0 14	26 40	3 55	23 17	0 0	15 24	1 56	10 20	0 44	22 29	1 4	0 59	15 31	8 40	9 18	27 10	10 32	0 30	S 10
S 11	12 29	2 0	1 58	4 10	2 39	3 48	0 18	26 39	3 53	23 17	0 1	15 25	1 56	10 19	0 44	22 29	1 4	1 0	15 32	8 38	9 17	27 12	10 33	0 30	S 11
M12	12 9	4n23	0 49	3 55	2 52	4 19	0 22	26 38	3 51	23 16	0 1	15 26	1 56	10 17	0 44	22 29	1 4	1 0	15 32	8 37	9 16	27 13	10 34	0 30	M12
T 13	11 48	10 39	0n24	3 45	3 4	4 51	0 26	26 36	3 50	23 15	0 1	15 27	1 55	10 16	0 44	22 29	1 4	1 1	15 32	8 37	9 14	27 14	10 34	0 30	T 13
W14	11 26	16 30	1 36	3 39	3 15	5 22	0 31	26 35	3 48	23 15	0 1	15 28	1 55	10 15	0 44	22 29	1 4	1 1	15 33	8 38	9 13	27 15	10 35	0 30	W14
T 15	11 5	21 34	2 44	3 38	3 24	5 53	0 35	26 33	3 46	23 14	0 1	15 30	1 55	10 14	0 44	22 29	1 4	1 2	15 33	8 38	9 12	27 16	10 36	0 30	T 15
F 16	10 44	25 28	3 42	3 42	3 31	6 24	0 39	26 32	3 44	23 13	0 1	15 31	1 55	10 12	0 44	22 29	1 4	1 2	15 34	8 38	9 11	27 17	10 37	0 29	F 16
S 17	10 22	27 49	4 28	3 50	3 37	6 54	0 43	26 30	3 42	23 13	0 1	15 32	1 54	10 11	0 44	22 29	1 4	1 3	15 34	8 37	9 10	27 18	10 38	0 29	S 17
S 18	10 0	28 20	4 57	4 2	3 41	7 25	0 48	26 28	3 40	23 12	0 1	15 33	1 54	10 10	0 44	22 29	1 4	1 3	15 35	8 36	9 8	27 19	10 39	0 29	S 18
M19	9 38	26 57	5 8	4 19	3 43	7 55	0 52	26 26	3 38	23 11	0 1	15 35	1 54	10 8	0 44	22 29	1 4	1 4	15 35	8 34	9 7	27 20	10 39	0 29	M19
T 20	9 16	23 48	4 59	4 38	3 43	8 25	0 56	26 24	3 36	23 10	0 2	15 36	1 54	10 7	0 44	22 29	1 4	1 5	15 36	8 31	9 6	27 22	10 40	0 29	T 20
W21	8 54	19 14	4 31	5 1	3 41	8 55	1 1	26 22	3 34	23 10	0 2	15 37	1 53	10 6	0 44	22 29	1 4	1 5	15 36	8 28	9 5	27 23	10 41	0 29	W21
T 22	8 31	13 40	3 48	5 26	3 37	9 25	1 5	26 20	3 33	23 9	0 2	15 39	1 53	10 5	0 44	22 29	1 4	1 6	15 36	8 26	9 4	27 24	10 42	0 29	T 22
F 23	8 9	7 31	2 52	5 53	3 31	9 54	1 9	26 17	3 31	23 8	0 2	15 40	1 53	10 3	0 44	22 29	1 4	1 6	15 37	8 24	9 3	27 25	10 43	0 29	F 23
S 24	7 46	1 11	1 47	6 21	3 23	10 24	1 14	26 15	3 29	23 7	0 2	15 42	1 53	10 2	0 44	22 29	1 4	1 7	15 37	8 22	9 1	27 26	10 44	0 29	S 24
S 25	7 23	5s 2	0 39	6 50	3 14	10 53	1 18	26 12	3 27	23 7	0 2	15 43	1 52	10 1	0 44	22 29	1 4	1 8	15 38	8 22	9 0	27 27	10 45	0 29	S 25
M26	7 1	10 54	0s30	7 19	3 3	11 22	1 23	26 10	3 25	23 6	0 2	15 45	1 52	9 59	0 44	22 29	1 4	1 8	15 38	8 22	8 59	27 28	10 46	0 29	M26
T 27	6 38	16 12	1 36	7 48	2 51	11 50	1 27	26 7	3 23	23 5	0 2	15 46	1 52	9 58	0 44	22 29	1 4	1 9	15 38	8 22	8 58	27 29	10 47	0 28	T 27
W28	6 15	20 45	2 37	8 16	2 38	12 19	1 32	26 5	3 21	23 4	0 2	15 48	1 52	9 57	0 44	22 29	1 4	1 9	15 39	8 23	8 57	27 30	10 48	0 28	W28
T 29	5s52	24s23	3s29	8s42	2n24	12n47	1n36	26n 2	3n19	23s 4	0s 3	15n49	1s51	9s56	0s44	22s29	1n 4	1n10	15n39	8n23	8n55	27s31	10n49	0n28	T 29

Julian Day Number = 2086338.5, Delta T = 24m23s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'13, Lahiri = 9°55'14 Julian Calendar 1 Feb. 1000 == Greg. Calendar 6 Feb. 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

MARCH 1000 C.E.JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 57 4	16♓12'05	15♐21	1°R 5	0♉23	15♋ 1	12♏14	19♉13	6♓22	27♐24	6°R 5	21°R24	22♈46	20♐10	26♈50	F 1
S 2	11 1 1	17°11'34	27°12	0♓37	1°29	15° 9	12°24	19°18	6°25	27°25	6♏ 5	21♈24	22°43	20°17	26°53	S 2
S 3	11 4 57	18°11'02	9♏ 8	0°15	2°35	15°19	12°33	19°23	6°28	27°26	6° 4	21°22	22°40	20°24	26°56	S 3
M 4	11 8 54	19°10'28	21°11	29♒59	3°40	15°28	12°42	19°28	6°32	27°27	6° 3	21°18	22°37	20°30	26°59	M 4
T 5	11 12 50	20° 9'51	3♒27	29°50	4°46	15°39	12°51	19°34	6°35	27°27	6° 2	21°14	22°34	20°37	27° 2	T 5
W 6	11 16 47	21° 9'13	15°59	29°D46	5°51	15°49	13° 0	19°39	6°39	27°28	6° 1	21° 8	22°30	20°44	27° 6	W 6
T 7	11 20 44	22° 8'33	28°47	29°48	6°55	16° 1	13° 9	19°44	6°42	27°29	6° 0	21° 3	22°27	20°50	27° 9	T 7
F 8	11 24 40	23° 7'51	11♓53	29°56	8° 0	16°13	13°18	19°50	6°45	27°29	5°58	20°59	22°24	20°57	27°12	F 8
S 9	11 28 37	24° 7'07	25°15	0♓ 9	9° 4	16°25	13°27	19°55	6°49	27°30	5°57	20°56	22°21	21° 4	27°16	S 9
S 10	11 32 33	25° 6'20	8♈53	0°27	10° 8	16°38	13°35	20° 1	6°52	27°30	5°56	20°54	22°18	21°11	27°19	S 10
M11	11 36 30	26° 5'32	22°44	0°50	11°12	16°52	13°43	20° 6	6°55	27°31	5°55	20°D54	22°14	21°17	27°22	M11
T 12	11 40 26	27° 4'41	6♉44	1°17	12°15	17° 6	13°52	20°12	6°58	27°31	5°54	20°54	22°11	21°24	27°26	T 12
W13	11 44 23	28° 3'48	20°52	1°49	13°18	17°20	14° 0	20°18	7° 2	27°31	5°53	20°55	22° 8	21°31	27°29	W13
T 14	11 48 19	29° 2'53	5♊ 3	2°25	14°21	17°35	14° 8	20°23	7° 5	27°32	5°51	20°57	22° 5	21°37	27°33	T 14
F 15	11 52 16	0♈ 1'55	19°16	3° 5	15°23	17°51	14°16	20°29	7° 8	27°32	5°50	20°58	22° 2	21°44	27°36	F 15
S 16	11 56 13	1° 0'55	3♋28	3°49	16°26	18° 7	14°23	20°35	7°11	27°32	5°49	20°R58	21°59	21°51	27°40	S 16
S 17	12 0 9	1°59'53	17°38	4°36	17°27	18°23	14°31	20°41	7°15	27°33	5°48	20°58	21°55	21°58	27°43	S 17
M18	12 4 6	2°58'48	1♌42	5°27	18°29	18°40	14°38	20°47	7°18	27°33	5°46	20°56	21°52	22° 4	27°47	M18
T 19	12 8 2	3°57'41	15°39	6°21	19°30	18°57	14°46	20°54	7°21	27°33	5°45	20°54	21°49	22°11	27°50	T 19
W20	12 11 59	4°56'31	29°26	7°18	20°30	19°15	14°53	21° 0	7°24	27°33	5°44	20°52	21°46	22°18	27°54	W20
T 21	12 15 55	5°55'20	13♍ 1	8°17	21°31	19°33	15° 0	21° 6	7°27	27°33	5°42	20°50	21°43	22°24	27°58	T 21
F 22	12 19 52	6°54'06	26°22	9°20	22°30	19°51	15° 6	21°12	7°30	27°33	5°41	20°48	21°40	22°31	28° 1	F 22
S 23	12 23 48	7°52'50	9♎28	10°25	23°30	20°10	15°13	21°19	7°34	27°34	5°39	20°47	21°36	22°38	28° 5	S 23
S 24	12 27 45	8°51'32	22°18	11°32	24°29	20°29	15°20	21°25	7°37	27°R34	5°38	20°D47	21°33	22°44	28° 9	S 24
M25	12 31 41	9°50'12	4♏52	12°42	25°27	20°49	15°26	21°32	7°40	27°34	5°37	20°47	21°30	22°51	28°12	M25
T 26	12 35 38	10°48'50	17°12	13°55	26°25	21° 8	15°32	21°38	7°43	27°34	5°35	20°48	21°27	22°58	28°16	T 26
W27	12 39 35	11°47'26	29°20	15° 9	27°23	21°29	15°38	21°45	7°46	27°33	5°34	20°49	21°24	23° 5	28°20	W27
T 28	12 43 31	12°46'01	11♐19	16°26	28°20	21°49	15°44	21°51	7°49	27°33	5°32	20°50	21°20	23°11	28°24	T 28
F 29	12 47 28	13°44'34	23°13	17°45	29°17	22°10	15°50	21°58	7°52	27°33	5°31	20°51	21°17	23°18	28°27	F 29
S 30	12 51 24	14°43'05	5♏ 5	19° 6	0♊13	22°31	15°56	22° 5	7°55	27°33	5°29	20°51	21°14	23°25	28°31	S 30
S 31	12 55 21	15♈41'34	17♏ 1	20♓28	1♊ 8	22♋53	16♏ 1	22♉12	7♓57	27♐33	5♏27	20°R51	21♈11	23♐31	28♈35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s28	26s56	4s12	9s 8	2n10	13n14	1n41	25n59	3n17	23s 3	0s 3	15n51	1s51	9s54	0s44	22s29	1n 4	1n11	15n39	8n23	8n54	27s32	10n50	0n28
S 2	5 5	28 17	4 45	9 31	1 55	13 42	1 45	25 56	3 15	23 2	0 3	15 52	1 51	9 53	0 44	22 29	1 4	1 11	15 40	8 23	8 53	27 33	10 51	0 28
S 3	4 42	28 19	5 5	9 53	1 40	14 9	1 50	25 53	3 14	23 1	0 3	15 54	1 51	9 52	0 44	22 29	1 4	1 12	15 40	8 22	8 52	27 34	10 52	0 28
M 4	4 18	27 1	5 12	10 13	1 25	14 36	1 54	25 50	3 12	23 1	0 3	15 55	1 50	9 51	0 44	22 29	1 4	1 13	15 41	8 21	8 51	27 35	10 53	0 28
T 5	3 55	24 25	5 5	10 30	1 10	15 2	1 58	25 47	3 10	23 0	0 3	15 57	1 50	9 49	0 44	22 29	1 4	1 13	15 41	8 19	8 49	27 36	10 54	0 28
W 6	3 32	20 38	4 43	10 45	0 55	15 28	2 3	25 44	3 8	22 59	0 3	15 59	1 50	9 48	0 44	22 29	1 4	1 14	15 41	8 18	8 48	27 37	10 55	0 28
T 7	3 8	15 49	4 7	10 58	0 41	15 54	2 7	25 41	3 6	22 58	0 3	16 0	1 50	9 47	0 44	22 29	1 4	1 14	15 42	8 16	8 47	27 38	10 57	0 28
F 8	2 44	10 11	3 18	11 9	0 26	16 20	2 12	25 38	3 4	22 58	0 4	16 2	1 50	9 46	0 44	22 29	1 4	1 15	15 42	8 14	8 46	27 39	10 58	0 28
S 9	2 21	3 58	2 16	11 17	0 12	16 45	2 16	25 35	3 3	22 57	0 4	16 4	1 49	9 44	0 44	22 29	1 4	1 16	15 42	8 13	8 45	27 40	10 59	0 27
S 10	1 57	2n32	1 5	11 24	0s 1	17 9	2 20	25 31	3 1	22 56	0 4	16 5	1 49	9 43	0 44	22 29	1 4	1 16	15 43	8 12	8 44	27 40	11 0	0 27
M11	1 34	9 3	0n10	11 28	0 14	17 34	2 25	25 28	2 59	22 55	0 4	16 7	1 49	9 42	0 44	22 29	1 4	1 17	15 43	8 12	8 42	27 41	11 1	0 27
T 12	1 10	15 12	1 26	11 29	0 27	17 58	2 29	25 24	2 57	22 55	0 4	16 9	1 49	9 41	0 44	22 28	1 4	1 18	15 43	8 12	8 41	27 42	11 2	0 27
W13	0 46	20 36	2 37	11 29	0 39	18 21	2 33	25 20	2 56	22 54	0 4	16 11	1 48	9 40	0 44	22 28	1 4	1 18	15 43	8 13	8 40	27 43	11 3	0 27
T 14	0 23	24 51	3 40	11 27	0 50	18 44	2 37	25 17	2 54	22 53	0 4	16 12	1 48	9 38	0 44	22 28	1 4	1 19	15 44	8 13	8 39	27 44	11 5	0 27
F 15	0n 1	27 35	4 28	11 22	1 1	19 7	2 42	25 13	2 52	22 53	0 4	16 14	1 48	9 37	0 44	22 28	1 4	1 20	15 44	8 14	8 38	27 45	11 6	0 27
S 16	0 24	28 32	5 1	11 16	1 11	19 29	2 46	25 9	2 50	22 52	0 5	16 16	1 48	9 36	0 44	22 28	1 4	1 20	15 44	8 14	8 36	27 46	11 7	0 27
S 17	0 48	27 36	5 14	11 8	1 21	19 51	2 50	25 5	2 49	22 51	0 5	16 18	1 48	9 35	0 44	22 28	1 5	1 21	15 45	8 13	8 35	27 47	11 8	0 27
M18	1 11	24 55	5 10	10 57	1 30	20 12	2 54	25 1	2 47	22 50	0 5	16 19	1 47	9 34	0 44	22 28	1 5	1 22	15 45	8 13	8 34	27 48	11 9	0 27
T 19	1 35	20 47	4 46	10 45	1 39	20 33	2 58	24 57	2 45	22 50	0 5	16 21	1 47	9 32	0 44	22 28	1 5	1 22	15 45	8 12	8 33	27 48	11 11	0 27
W20	1 58	15 35	4 7	10 32	1 46	20 53	3 2	24 53	2 44	22 49	0 5	16 23	1 47	9 31	0 44	22 28	1 5	1 23	15 45	8 11	8 32	27 49	11 12	0 27
T 21	2 22	9 41	3 14	10 16	1 54	21 13	3 6	24 49	2 42	22 49	0 5	16 25	1 47	9 30	0 44	22 28	1 5	1 24	15 45	8 11	8 30	27 50	11 13	0 26
F 22	2 45	3 27	2 11	9 59	2 1	21 33	3 9	24 44	2 40	22 48	0 5	16 27	1 47	9 29	0 44	22 28	1 5	1 24	15 46	8 10	8 29	27 51	11 14	0 26
S 23	3 9	2s49	1 2	9 40	2 7	21 52	3 13	24 40	2 39	22 47	0 5	16 29	1 46	9 28	0 44	22 28	1 5	1 25	15 46	8 10	8 28	27 52	11 16	0 26
S 24	3 32	8 51	0s 8	9 19	2 13	22 10	3 17	24 35	2 37	22 47	0 6	16 30	1 46	9 27	0 44	22 28	1 5	1 26	15 46	8 9	8 27	27 53	11 17	0 26
M25	3 55	14 26	1 17	8 57	2 18	22 28	3 20	24 31	2 36	22 46	0 6	16 32	1 46	9 26	0 44	22 28	1 5	1 26	15 46	8 10	8 26	27 53	11 18	0 26
T 26	4 18	19 19	2 21	8 33	2 22	22 46	3 24	24 26	2 34	22 45	0 6	16 34	1 46	9 24	0 44	22 28	1 5	1 27	15 47	8 10	8 24	27 54	11 19	0 26
W27	4 41	23 20	3 18	8 8	2 26	23 3	3 27	24 21	2 33	22 45	0 6	16 36	1 46	9 23	0 44	22 28	1 5	1 27	15 47	8 10	8 23	27 55	11 21	0 26
T 28	5 4	26 18	4 5	7 41	2 30	23 19	3 30	24 17	2 31	22 44	0 6	16 38	1 46	9 22	0 44	22 28	1 5	1 28	15 47	8 11	8 22	27 56	11 22	0 26
F 29	5 27	28 4	4 41	7 12	2 33	23 35	3 34	24 12	2 29	22 44	0 6	16 40	1 45	9 21	0 44	22 28	1 5	1 29	15 47	8 11	8 21	27 56	11 23	0 26
S 30	5 50	28 33	5 5	6 43	2 35	23 50	3 37	24 7	2 28	22 43	0 6	16 42	1 45	9 20	0 44	22 28	1 5	1 29	15 47	8 11	8 20	27 57	11 24	0 26
S 31	6n13	27s42	5s16	6s11	2s37	24n 5	3n40	24n 1	2n26	22s43	0s 7	16n44	1s45	9s19	0s44	22s28	1n 5	1n30	15n47	8n11	8n18	27s58	11n26	0n26

Julian Day Number = 2086367.5, Delta T = 24m22s
Ecliptic obliquity = 23°34'17, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'17, Lahiri = 9°55'18 Julian Calendar 1 March 1000 == Greg. Calendar 7 March 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

APRIL 1000 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 59 17	16♈40'02	29♉ 5	21♓53	2♊ 4	23♋15	16♉ 6	22♉19	8♓ 0	27°R33	5°R26	20°R51	21♈ 8	23♐38	28♈39	M 1
T 2	13 3 14	17°38'28	11♒21	23°20	2°58	23°37	16°12	22°25	8° 3	27♐32	5♏24	20♈51	21° 5	23°45	28°42	T 2
W 3	13 7 10	18°36'53	23°54	24°49	3°52	24° 0	16°16	22°32	8° 6	27°32	5°23	20°50	21° 1	23°51	28°46	W 3
T 4	13 11 7	19°35'15	6♓46	26°19	4°45	24°22	16°21	22°39	8° 9	27°32	5°21	20°50	20°58	23°58	28°50	T 4
F 5	13 15 4	20°33'36	20° 0	27°51	5°38	24°45	16°26	22°46	8°11	27°31	5°20	20°D50	20°55	24° 5	28°54	F 5
S 6	13 19 0	21°31'56	3♈37	29°25	6°30	25° 9	16°30	22°53	8°14	27°31	5°18	20°50	20°52	24°12	28°58	S 6
S 7	13 22 57	22°30'13	17°34	1♈ 1	7°21	25°33	16°35	23° 1	8°17	27°31	5°16	20°R50	20°49	24°18	29° 1	S 7
M 8	13 26 53	23°28'29	1♉49	2°39	8°12	25°57	16°39	23° 8	8°20	27°30	5°15	20°50	20°46	24°25	29° 5	M 8
T 9	13 30 50	24°26'43	16°17	4°19	9° 2	26°21	16°43	23°15	8°22	27°30	5°13	20°50	20°42	24°32	29° 9	T 9
W10	13 34 46	25°24'55	0♊52	6° 0	9°51	26°45	16°46	23°22	8°25	27°29	5°11	20°50	20°39	24°38	29°13	W10
T 11	13 38 43	26°23'05	15°28	7°43	10°39	27°10	16°50	23°29	8°27	27°29	5°10	20°49	20°36	24°45	29°17	T 11
F 12	13 42 39	27°21'14	0♋ 0	9°29	11°27	27°35	16°53	23°37	8°30	27°28	5° 8	20°48	20°33	24°52	29°21	F 12
S 13	13 46 36	28°19'20	14°23	11°15	12°13	28° 0	16°56	23°44	8°32	27°27	5° 6	20°48	20°30	24°59	29°25	S 13
S 14	13 50 33	29°17'24	28°33	13° 4	12°59	28°26	16°59	23°51	8°35	27°27	5° 5	20°D48	20°26	25° 5	29°28	S 14
M15	13 54 29	0♉15'26	12♌29	14°55	13°44	28°51	17° 2	23°59	8°37	27°26	5° 3	20°48	20°23	25°12	29°32	M15
T 16	13 58 26	1°13'26	26°10	16°47	14°28	29°17	17° 5	24° 6	8°40	27°25	5° 1	20°49	20°20	25°19	29°36	T 16
W17	14 2 22	2°11'24	9♍35	18°41	15°11	29°44	17° 7	24°14	8°42	27°25	5° 0	20°49	20°17	25°25	29°40	W17
T 18	14 6 19	3° 9'21	22°46	20°37	15°53	0♌10	17°10	24°21	8°44	27°24	4°58	20°50	20°14	25°32	29°44	T 18
F 19	14 10 15	4° 7'15	5♎42	22°35	16°34	0°37	17°12	24°29	8°47	27°23	4°56	20°51	20°11	25°39	29°48	F 19
S 20	14 14 12	5° 5'08	18°26	24°34	17°14	1° 4	17°14	24°36	8°49	27°22	4°55	20°R52	20° 7	25°46	29°52	S 20
S 21	14 18 8	6° 2'59	0♏58	26°36	17°52	1°31	17°16	24°44	8°51	27°21	4°53	20°52	20° 4	25°52	29°55	S 21
M22	14 22 5	7° 0'48	13°19	28°39	18°30	1°58	17°17	24°51	8°53	27°21	4°51	20°50	20° 1	25°59	29°59	M22
T 23	14 26 2	7°58'36	25°30	0♑43	19° 6	2°25	17°18	24°59	8°56	27°20	4°50	20°49	19°58	26° 6	0♑ 3	T 23
W24	14 29 58	8°56'23	7♐32	2°49	19°41	2°53	17°20	25° 7	8°58	27°19	4°48	20°46	19°55	26°12	0° 7	W24
T 25	14 33 55	9°54'08	19°29	4°56	20°14	3°21	17°21	25°14	9° 0	27°18	4°46	20°43	19°51	26°19	0°11	T 25
F 26	14 37 51	10°51'52	1♉22	7° 5	20°47	3°49	17°21	25°22	9° 2	27°17	4°45	20°40	19°48	26°26	0°15	F 26
S 27	14 41 48	11°49'35	13°14	9°14	21°17	4°17	17°22	25°30	9° 4	27°16	4°43	20°37	19°45	26°33	0°18	S 27
S 28	14 45 44	12°47'17	25° 9	11°25	21°47	4°45	17°22	25°37	9° 6	27°15	4°41	20°35	19°42	26°39	0°22	S 28
M29	14 49 41	13°44'58	7♒12	13°36	22°14	5°14	17°23	25°45	9° 8	27°14	4°40	20°34	19°39	26°46	0°26	M29
T 30	14 53 37	14♑42'37	19♒26	15♑47	22♊41	5♌43	17°R23	25♑53	9♓10	27♐13	4♏38	20°D34	19♈36	26♐53	0♑30	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n35	25s34	5s14	5s39	2s38	24n19	3n43	23n56	2n25	22s42	0s 7	16n46	1s45	9s18	0s44	22s28	1n 5	1n31	15n47	8n11	8n17	27s59	11n27	0n26
T 2	6 58	22 13	4 57	5 5	2 38	24 33	3 46	23 51	2 23	22 42	0 7	16 47	1 45	9 17	0 44	22 28	1 5	1 31	15 48	8 11	8 16	27 59	11 28	0 26
W 3	7 20	17 48	4 26	4 30	2 38	24 46	3 48	23 46	2 22	22 41	0 7	16 49	1 45	9 16	0 44	22 28	1 5	1 32	15 48	8 11	8 15	28 0	11 30	0 25
T 4	7 42	12 29	3 41	3 53	2 38	24 59	3 51	23 40	2 21	22 41	0 7	16 51	1 44	9 15	0 44	22 28	1 5	1 32	15 48	8 11	8 14	28 1	11 31	0 25
F 5	8 4	6 28	2 43	3 15	2 37	25 11	3 53	23 34	2 19	22 40	0 7	16 53	1 44	9 14	0 44	22 28	1 5	1 33	15 48	8 11	8 12	28 2	11 32	0 25
S 6	8 26	0n 0	1 34	2 36	2 35	25 23	3 56	23 29	2 18	22 40	0 7	16 55	1 44	9 13	0 45	22 28	1 5	1 34	15 48	8 11	8 11	28 2	11 33	0 25
S 7	8 48	6 39	0 18	1 56	2 33	25 34	3 58	23 23	2 16	22 40	0 8	16 57	1 44	9 12	0 45	22 28	1 5	1 34	15 48	8 11	8 10	28 3	11 35	0 25
M 8	9 10	13 7	1n 0	1 15	2 31	25 45	4 0	23 17	2 15	22 39	0 8	16 59	1 44	9 11	0 45	22 28	1 5	1 35	15 48	8 11	8 9	28 4	11 36	0 25
T 9	9 32	18 58	2 16	0 32	2 28	25 55	4 2	23 11	2 14	22 39	0 8	17 1	1 44	9 10	0 45	22 28	1 5	1 35	15 48	8 11	8 8	28 4	11 37	0 25
W10	9 53	23 46	3 24	0n12	2 24	26 4	4 4	23 5	2 12	22 39	0 8	17 3	1 43	9 9	0 45	22 28	1 5	1 36	15 48	8 10	8 6	28 5	11 39	0 25
T 11	10 14	27 3	4 19	0 57	2 20	26 13	4 5	22 59	2 11	22 38	0 8	17 5	1 43	9 8	0 45	22 28	1 5	1 36	15 48	8 10	8 5	28 6	11 40	0 25
F 12	10 35	28 30	4 56	1 43	2 15	26 21	4 7	22 52	2 9	22 38	0 8	17 7	1 43	9 7	0 45	22 28	1 5	1 37	15 48	8 10	8 4	28 6	11 41	0 25
S 13	10 56	28 0	5 15	2 30	2 10	26 29	4 8	22 46	2 8	22 38	0 8	17 9	1 43	9 6	0 45	22 28	1 5	1 38	15 48	8 10	8 3	28 7	11 43	0 25
S 14	11 17	25 41	5 14	3 17	2 4	26 36	4 9	22 39	2 7	22 38	0 9	17 11	1 43	9 5	0 45	22 28	1 5	1 38	15 48	8 10	8 2	28 8	11 44	0 25
M15	11 37	21 51	4 54	4 6	1 57	26 43	4 10	22 33	2 5	22 37	0 9	17 13	1 43	9 4	0 45	22 28	1 5	1 39	15 48	8 10	8 0	28 8	11 45	0 25
T 16	11 58	16 55	4 18	4 56	1 51	26 49	4 11	22 26	2 4	22 37	0 9	17 15	1 43	9 3	0 45	22 27	1 5	1 39	15 48	8 10	7 59	28 9	11 46	0 24
W17	12 18	11 14	3 29	5 46	1 43	26 55	4 12	22 19	2 3	22 37	0 9	17 17	1 43	9 3	0 45	22 27	1 5	1 40	15 48	8 10	7 58	28 10	11 48	0 24
T 18	12 38	5 10	2 29	6 37	1 36	27 0	4 12	22 12	2 2	22 37	0 9	17 18	1 42	9 2	0 45	22 27	1 5	1 40	15 48	8 11	7 57	28 10	11 49	0 24
F 19	12 58	1s 1	1 23	7 29	1 27	27 4	4 12	22 5	2 0	22 37	0 9	17 20	1 42	9 1	0 45	22 27	1 5	1 41	15 48	8 11	7 56	28 11	11 50	0 24
S 20	13 17	7 4	0 13	8 21	1 19	27 8	4 12	21 58	1 59	22 37	0 10	17 22	1 42	9 0	0 45	22 27	1 5	1 41	15 48	8 11	7 54	28 11	11 52	0 24
S 21	13 37	12 44	0s56	9 14	1 10	27 12	4 12	21 51	1 58	22 37	0 10	17 24	1 42	8 59	0 45	22 27	1 5	1 42	15 48	8 11	7 53	28 12	11 53	0 24
M22	13 56	17 50	2 1	10 7	1 0	27 15	4 11	21 43	1 57	22 37	0 10	17 26	1 42	8 58	0 45	22 27	1 5	1 42	15 48	8 11	7 52	28 13	11 54	0 24
T 23	14 15	22 9	3 0	11 0	0 51	27 17	4 11	21 36	1 55	22 37	0 10	17 28	1 42	8 58	0 45	22 27	1 5	1 43	15 48	8 10	7 51	28 13	11 56	0 24
W24	14 33	25 28	3 50	11 53	0 41	27 19	4 10	21 28	1 54	22 37	0 10	17 30	1 42	8 57	0 45	22 27	1 5	1 43	15 48	8 9	7 50	28 14	11 57	0 24
T 25	14 52	27 37	4 29	12 45	0 31	27 20	4 8	21 21	1 53	22 37	0 10	17 32	1 42	8 56	0 45	22 27	1 5	1 43	15 48	8 8	7 48	28 14	11 58	0 24
F 26	15 10	28 31	4 57	13 38	0 20	27 21	4 7	21 13	1 52	22 37	0 11	17 34	1 42	8 55	0 45	22 27	1 5	1 44	15 48	8 7	7 47	28 15	11 59	0 24
S 27	15 28	28 5	5 12	14 30	0 10	27 22	4 5	21 5	1 50	22 37	0 11	17 36	1 41	8 55	0 45	22 27	1 5	1 44	15 48	8 6	7 46	28 15	12 1	0 24
S 28	15 46	26 21	5 13	15 21	0n 1	27 21	4 3	20 57	1 49	22 37	0 11	17 38	1 41	8 54	0 45	22 27	1 6	1 45	15 47	8 5	7 45	28 16	12 2	0 24
M29	16 3	23 25	5 1	16 11	0 11	27 21	4 1	20 49	1 48	22 37	0 11	17 40	1 41	8 53	0 45	22 27	1 6	1 45	15 47	8 5	7 44	28 16	12 3	0 24
T 30	16n20	19s26	4s35	17n 0	0n22	27n20	3n58	20n40	1n47	22s37	0s11	17n42	1s41	8s53	0s45	22s27	1n 6	1n45	15n47	8n 5	7n42	28s17	12n 5	0n24

Julian Day Number = 2086398.5, Delta T = 24m22s
Ecliptic obliquity = 23°34'17, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'22, Lahiri = 9°55'22 Julian Calendar 1 Apr. 1000 == Greg. Calendar 7 Apr. 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

MAY 1000 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 57 34	15♉40'15	1♓56	17♉59	23♊ 5	6♌12	17°R23	26♉ 1	9♓11	27°R12	4°R36	20♈35	19♈32	26♐59	0♉34	W 1
T 2	15 1 31	16°37'53	14°46	20°10	23°28	6°41	17♑22	26° 8	9°13	27♐11	4♏35	20°36	19°29	27° 6	0°37	T 2
F 3	15 5 27	17°35'29	28° 1	22°21	23°49	7°10	17°22	26°16	9°15	27°10	4°33	20°38	19°26	27°13	0°41	F 3
S 4	15 9 24	18°33'04	11♈40	24°31	24° 8	7°40	17°21	26°24	9°17	27° 8	4°31	20°39	19°23	27°20	0°45	S 4
S 5	15 13 20	19°30'38	25°46	26°40	24°26	8° 9	17°20	26°32	9°18	27° 7	4°30	20°R39	19°20	27°26	0°49	S 5
M 6	15 17 17	20°28'11	10♉16	28°48	24°41	8°39	17°19	26°39	9°20	27° 6	4°28	20°38	19°17	27°33	0°52	M 6
T 7	15 21 13	21°25'44	25° 4	0♊54	24°54	9° 9	17°18	26°47	9°21	27° 5	4°27	20°35	19°13	27°40	0°56	T 7
W 8	15 25 10	22°23'15	10♊ 3	2°59	25° 6	9°39	17°16	26°55	9°23	27° 4	4°25	20°32	19°10	27°46	1° 0	W 8
T 9	15 29 6	23°20'45	25° 4	5° 2	25°15	10° 9	17°15	27° 3	9°24	27° 2	4°24	20°27	19° 7	27°53	1° 3	T 9
F 10	15 33 3	24°18'13	9♋58	7° 3	25°22	10°40	17°13	27°11	9°26	27° 1	4°22	20°22	19° 4	28° 0	1° 7	F 10
S 11	15 37 0	25°15'41	24°39	9° 1	25°27	11°10	17°11	27°19	9°27	27° 0	4°20	20°19	19° 1	28° 7	1°11	S 11
S 12	15 40 56	26°13'07	8♌59	10°57	25°29	11°41	17° 9	27°26	9°29	26°58	4°19	20°16	18°57	28°13	1°14	S 12
M13	15 44 53	27°10'32	22°57	12°51	25°R30	12°12	17° 6	27°34	9°30	26°57	4°17	20°D15	18°54	28°20	1°18	M13
T 14	15 48 49	28° 7'55	6♍33	14°43	25°28	12°43	17° 4	27°42	9°31	26°56	4°16	20°15	18°51	28°27	1°21	T 14
W15	15 52 46	29° 5'17	19°47	16°32	25°23	13°14	17° 1	27°50	9°32	26°54	4°14	20°16	18°48	28°33	1°25	W15
T 16	15 56 42	0♊ 2'38	2♎42	18°18	25°16	13°45	16°58	27°58	9°34	26°53	4°13	20°18	18°45	28°40	1°28	T 16
F 17	16 0 39	0°59'58	15°22	20° 1	25° 7	14°17	16°55	28° 6	9°35	26°52	4°11	20°R19	18°42	28°47	1°32	F 17
S 18	16 4 35	1°57'17	27°48	21°42	24°55	14°48	16°51	28°13	9°36	26°50	4°10	20°18	18°38	28°54	1°35	S 18
S 19	16 8 32	2°54'35	10♏ 4	23°21	24°41	15°20	16°48	28°21	9°37	26°49	4° 9	20°16	18°35	29° 0	1°39	S 19
M20	16 12 29	3°51'52	22°12	24°56	24°24	15°52	16°44	28°29	9°38	26°47	4° 7	20°13	18°32	29° 7	1°42	M20
T 21	16 16 25	4°49'08	4♐13	26°29	24° 5	16°23	16°40	28°37	9°39	26°46	4° 6	20° 7	18°29	29°14	1°46	T 21
W22	16 20 22	5°46'24	16°10	27°59	23°44	16°55	16°36	28°45	9°40	26°44	4° 4	19°59	18°26	29°20	1°49	W22
T 23	16 24 18	6°43'39	28° 4	29°27	23°21	17°28	16°32	28°52	9°40	26°43	4° 3	19°51	18°23	29°27	1°52	T 23
F 24	16 28 15	7°40'53	9♑56	0♋51	22°55	18° 0	16°28	29° 0	9°41	26°41	4° 2	19°42	18°19	29°34	1°56	F 24
S 25	16 32 11	8°38'07	21°49	2°13	22°28	18°32	16°24	29° 8	9°42	26°40	4° 0	19°34	18°16	29°41	1°59	S 25
S 26	16 36 8	9°35'21	3♒45	3°32	21°58	19° 5	16°19	29°16	9°43	26°38	3°59	19°27	18°13	29°47	2° 2	S 26
M27	16 40 5	10°32'34	15°47	4°48	21°27	19°37	16°14	29°24	9°43	26°37	3°58	19°22	18°10	29°54	2° 5	M27
T 28	16 44 1	11°29'47	28° 0	6° 1	20°55	20°10	16° 9	29°31	9°44	26°35	3°57	19°19	18° 7	0♑ 1	2° 9	T 28
W29	16 47 58	12°26'59	10♓27	7°11	20°21	20°43	16° 4	29°39	9°45	26°34	3°55	19°D18	18° 3	0° 7	2°12	W29
T 30	16 51 54	13°24'12	23°13	8°18	19°46	21°16	15°59	29°47	9°45	26°32	3°54	19°18	18° 0	0°14	2°15	T 30
F 31	16 55 51	14♊21'24	6♈22	9♋22	19♊10	21♌49	15♑53	29♉54	9♓45	26♐31	3♏53	19♈19	17♈57	0♑21	2♉18	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n37	14s31	3s56	17n48	0n32	27n18	3n55	20n32	1n46	22s37	0s11	17n44	1s41	8s52	0s45	22s27	1n 6	1n46	15n47	8n 5	7n41	28s17	12n 6	0n23
T 2	16 54	8 51	3 4	18 34	0 42	27 16	3 51	20 24	1 45	22 38	0 12	17 46	1 41	8 51	0 45	22 27	1 6	1 46	15 47	8 5	7 40	28 18	12 7	0 23
F 3	17 10	2 39	2 1	19 18	0 52	27 13	3 48	20 15	1 43	22 38	0 12	17 47	1 41	8 51	0 45	22 27	1 6	1 47	15 47	8 6	7 39	28 18	12 8	0 23
S 4	17 27	3n53	0 49	20 0	1 2	27 10	3 44	20 6	1 42	22 38	0 12	17 49	1 41	8 50	0 45	22 27	1 6	1 47	15 47	8 6	7 38	28 19	12 10	0 23
S 5	17 42	10 27	0n28	20 40	1 11	27 6	3 39	19 57	1 41	22 38	0 12	17 51	1 41	8 49	0 45	22 27	1 6	1 47	15 46	8 6	7 36	28 19	12 11	0 23
M 6	17 58	16 39	1 45	21 17	1 19	27 2	3 34	19 48	1 40	22 39	0 12	17 53	1 41	8 49	0 45	22 27	1 6	1 48	15 46	8 6	7 35	28 20	12 12	0 23
T 7	18 13	22 0	2 57	21 52	1 27	26 57	3 29	19 39	1 39	22 39	0 12	17 55	1 41	8 48	0 45	22 27	1 6	1 48	15 46	8 5	7 34	28 20	12 13	0 23
W 8	18 28	25 59	3 57	22 25	1 35	26 52	3 24	19 30	1 38	22 39	0 13	17 57	1 40	8 48	0 46	22 27	1 6	1 48	15 46	8 4	7 33	28 21	12 15	0 23
T 9	18 43	28 10	4 42	22 55	1 41	26 47	3 18	19 21	1 37	22 40	0 13	17 59	1 40	8 47	0 46	22 27	1 6	1 48	15 46	8 2	7 32	28 21	12 16	0 23
F 10	18 57	28 17	5 6	23 22	1 47	26 40	3 11	19 12	1 36	22 40	0 13	18 1	1 40	8 47	0 46	22 27	1 6	1 49	15 45	8 0	7 30	28 22	12 17	0 23
S 11	19 11	26 24	5 10	23 47	1 53	26 34	3 4	19 2	1 35	22 41	0 13	18 2	1 40	8 46	0 46	22 27	1 6	1 49	15 45	7 59	7 29	28 22	12 18	0 23
S 12	19 25	22 51	4 55	24 9	1 57	26 26	2 57	18 52	1 34	22 41	0 13	18 4	1 40	8 46	0 46	22 26	1 6	1 49	15 45	7 58	7 28	28 22	12 19	0 23
M13	19 38	18 4	4 22	24 28	2 1	26 19	2 49	18 43	1 32	22 42	0 13	18 6	1 40	8 45	0 46	22 26	1 6	1 49	15 45	7 57	7 27	28 23	12 21	0 23
T 14	19 51	12 29	3 35	24 45	2 4	26 10	2 41	18 33	1 31	22 42	0 14	18 8	1 40	8 45	0 46	22 26	1 6	1 50	15 44	7 57	7 25	28 23	12 22	0 23
W15	20 4	6 29	2 38	24 59	2 7	26 2	2 32	18 23	1 30	22 43	0 14	18 10	1 40	8 44	0 46	22 26	1 6	1 50	15 44	7 58	7 24	28 24	12 23	0 23
T 16	20 16	0 22	1 34	25 11	2 8	25 52	2 23	18 13	1 29	22 43	0 14	18 12	1 40	8 44	0 46	22 26	1 6	1 50	15 44	7 58	7 23	28 24	12 24	0 23
F 17	20 28	5s40	0 27	25 21	2 9	25 42	2 13	18 3	1 28	22 44	0 14	18 13	1 40	8 44	0 46	22 26	1 6	1 50	15 43	7 59	7 22	28 24	12 25	0 22
S 18	20 40	11 23	0s41	25 28	2 10	25 32	2 3	17 52	1 27	22 44	0 14	18 15	1 40	8 43	0 46	22 26	1 6	1 50	15 43	7 59	7 21	28 25	12 26	0 22
S 19	20 51	16 35	1 45	25 33	2 9	25 20	1 53	17 42	1 26	22 45	0 14	18 17	1 40	8 43	0 46	22 26	1 6	1 51	15 43	7 58	7 19	28 25	12 28	0 22
M20	21 2	21 3	2 44	25 36	2 8	25 9	1 42	17 31	1 25	22 46	0 15	18 19	1 40	8 43	0 46	22 26	1 6	1 51	15 42	7 56	7 18	28 25	12 29	0 22
T 21	21 13	24 37	3 35	25 37	2 5	24 57	1 30	17 21	1 24	22 46	0 15	18 20	1 40	8 42	0 46	22 26	1 6	1 51	15 42	7 54	7 17	28 26	12 30	0 22
W22	21 23	27 5	4 15	25 36	2 3	24 44	1 18	17 10	1 23	22 47	0 15	18 22	1 40	8 42	0 46	22 26	1 6	1 51	15 42	7 51	7 16	28 26	12 31	0 22
T 23	21 33	28 18	4 45	25 33	1 59	24 30	1 6	16 59	1 22	22 48	0 15	18 24	1 40	8 42	0 46	22 26	1 6	1 51	15 41	7 48	7 15	28 26	12 32	0 22
F 24	21 43	28 13	5 2	25 29	1 55	24 16	0 54	16 48	1 21	22 48	0 15	18 26	1 40	8 41	0 46	22 26	1 6	1 51	15 41	7 45	7 13	28 27	12 33	0 22
S 25	21 52	26 50	5 6	25 23	1 50	24 2	0 41	16 37	1 20	22 49	0 16	18 27	1 40	8 41	0 46	22 26	1 6	1 51	15 41	7 42	7 12	28 27	12 34	0 22
S 26	22 1	24 14	4 57	25 15	1 44	23 47	0 27	16 26	1 19	22 50	0 16	18 29	1 39	8 41	0 46	22 26	1 6	1 51	15 40	7 39	7 11	28 27	12 35	0 22
M27	22 9	20 34	4 35	25 7	1 38	23 32	0 14	16 15	1 18	22 50	0 16	18 31	1 39	8 41	0 46	22 26	1 6	1 51	15 40	7 37	7 10	28 28	12 36	0 22
T 28	22 17	15 59	4 0	24 56	1 31	23 16	0 0	16 4	1 17	22 51	0 16	18 32	1 39	8 41	0 46	22 26	1 6	1 51	15 40	7 36	7 8	28 28	12 37	0 22
W29	22 25	10 40	3 13	24 45	1 23	22 59	0s14	15 52	1 16	22 52	0 16	18 34	1 39	8 40	0 46	22 26	1 6	1 51	15 39	7 36	7 7	28 28	12 39	0 22
T 30	22 32	4 46	2 15	24 33	1 14	22 43	0 28	15 41	1 15	22 53	0 16	18 36	1 39	8 40	0 46	22 26	1 6	1 51	15 39	7 36	7 6	28 28	12 40	0 22
F 31	22n39	1n29	1s 9	24n19	1n 5	22n26	0s42	15n29	1n14	22s54	0s17	18n37	1s39	8s40	0s46	22s26	1n 6	1n51	15n38	7n36	7n 5	28s29	12n41	0n22

Julian Day Number = 2086428.5, Delta T = 24m21s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'26, Lahiri = 9°55'26 Julian Calendar 1 May 1000 == Greg. Calendar 7 May 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

JUNE 1000 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 59 47	15♊18'36	19♈58	10♋22	18°R33	22♌22	15°R48	0♊ 2	9♓46	26°R29	3°R52	19°R19	17♈54	0♑28	2♉21	S 1
S 2	17 3 44	16°15'48	4♉ 1	11°20	17♊56	22°56	15♑42	0°10	9°46	26♐27	3♏51	19♈18	17°51	0°34	2°24	S 2
M 3	17 7 40	17°13'00	18°32	12°14	17°18	23°29	15°36	0°17	9°47	26°26	3°50	19°15	17°48	0°41	2°27	M 3
T 4	17 11 37	18°10'12	3♊27	13° 4	16°41	24° 3	15°30	0°25	9°47	26°24	3°49	19°10	17°44	0°48	2°30	T 4
W 5	17 15 34	19° 7'24	18°37	13°51	16° 3	24°36	15°24	0°33	9°47	26°23	3°48	19° 3	17°41	0°54	2°33	W 5
T 6	17 19 30	20° 4'35	3♋54	14°34	15°27	25°10	15°18	0°40	9°47	26°21	3°47	18°54	17°38	1° 1	2°36	T 6
F 7	17 23 27	21° 1'47	19° 5	15°13	14°51	25°44	15°12	0°48	9°47	26°19	3°46	18°45	17°35	1° 8	2°39	F 7
S 8	17 27 23	21°58'58	4♌ 2	15°48	14°15	26°18	15° 5	0°55	9°47	26°18	3°45	18°37	17°32	1°15	2°42	S 8
S 9	17 31 20	22°56'08	18°36	16°19	13°41	26°52	14°59	1° 3	9°R47	26°16	3°44	18°31	17°29	1°21	2°44	S 9
M10	17 35 16	23°53'18	2♍42	16°46	13° 8	27°26	14°52	1°10	9°47	26°15	3°43	18°27	17°25	1°28	2°47	M10
T 11	17 39 13	24°50'28	16°21	17° 9	12°37	28° 0	14°45	1°18	9°47	26°13	3°42	18°25	17°22	1°35	2°50	T 11
W12	17 43 9	25°47'37	29°34	17°27	12° 7	28°35	14°39	1°25	9°47	26°11	3°41	18°D25	17°19	1°41	2°53	W12
T 13	17 47 6	26°44'46	12♎23	17°41	11°40	29° 9	14°32	1°32	9°47	26°10	3°40	18°R25	17°16	1°48	2°55	T 13
F 14	17 51 3	27°41'55	24°54	17°50	11°14	29°44	14°25	1°40	9°47	26° 8	3°39	18°25	17°13	1°55	2°58	F 14
S 15	17 54 59	28°39'04	7♏11	17°R54	10°50	0♍18	14°17	1°47	9°47	26° 6	3°39	18°24	17° 9	2° 2	3° 0	S 15
S 16	17 58 56	29°36'13	19°17	17°54	10°28	0°53	14°10	1°54	9°46	26° 5	3°38	18°20	17° 6	2° 8	3° 3	S 16
M17	18 2 52	0♋33'21	1♐16	17°49	10° 9	1°28	14° 3	2° 2	9°46	26° 3	3°37	18°14	17° 3	2°15	3° 5	M17
T 18	18 6 49	1°30'30	13°11	17°39	9°52	2° 3	13°56	2° 9	9°45	26° 2	3°36	18° 4	17° 0	2°22	3° 8	T 18
W19	18 10 45	2°27'39	25° 4	17°25	9°37	2°38	13°48	2°16	9°45	26° 0	3°36	17°53	16°57	2°29	3°10	W19
T 20	18 14 42	3°24'48	6♑56	17° 6	9°24	3°13	13°41	2°23	9°44	25°58	3°35	17°40	16°54	2°35	3°12	T 20
F 21	18 18 39	4°21'57	18°49	16°43	9°14	3°48	13°33	2°30	9°44	25°57	3°35	17°27	16°50	2°42	3°15	F 21
S 22	18 22 35	5°19'07	0♒45	16°17	9° 7	4°24	13°26	2°37	9°43	25°55	3°34	17°14	16°47	2°49	3°17	S 22
S 23	18 26 32	6°16'17	12°46	15°46	9° 1	4°59	13°18	2°44	9°43	25°54	3°33	17° 3	16°44	2°55	3°19	S 23
M24	18 30 28	7°13'28	24°52	15°13	8°59	5°35	13°10	2°51	9°42	25°52	3°33	16°55	16°41	3° 2	3°21	M24
T 25	18 34 25	8°10'39	7♓ 8	14°36	8°D58	6°10	13° 3	2°58	9°41	25°50	3°32	16°49	16°38	3° 9	3°24	T 25
W26	18 38 21	9° 7'51	19°36	13°58	9° 0	6°46	12°55	3° 5	9°40	25°49	3°32	16°46	16°35	3°16	3°26	W26
T 27	18 42 18	10° 5'03	2♈21	13°18	9° 4	7°21	12°47	3°12	9°40	25°47	3°32	16°45	16°31	3°22	3°28	T 27
F 28	18 46 14	11° 2'16	15°25	12°37	9°10	7°57	12°40	3°19	9°39	25°46	3°31	16°45	16°28	3°29	3°30	F 28
S 29	18 50 11	11°59'30	28°54	11°57	9°19	8°33	12°32	3°25	9°38	25°44	3°31	16°45	16°25	3°36	3°32	S 29
S 30	18 54 8	12♋56'45	12♉49	11♋16	9♊29	9♍ 9	12♑24	3♊32	9♓37	25♐43	3♏31	16♈43	16♈22	3♑42	3♉33	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n45	7n54	0n 3	24n 5	0n56	22n 9	0s56	15n17	1n13	22s54	0s17	18n39	1s39	8s40	0s46	22s26	1n 6	1n51	15n38	7n36	7n 4	28s29	12n42	0n22	S 1
S 2	22 51	14 9	1 18	23 50	0 45	21 51	1 10	15 5	1 12	22 55	0 17	18 41	1 39	8 40	0 46	22 26	1 6	1 51	15 38	7 36	7 2	28 29	12 43	0 22	S 2
M 3	22 57	19 50	2 30	23 35	0 35	21 34	1 24	14 53	1 11	22 56	0 17	18 42	1 39	8 40	0 47	22 26	1 6	1 51	15 37	7 35	7 1	28 29	12 44	0 21	M 3
T 4	23 2	24 26	3 33	23 18	0 23	21 17	1 38	14 41	1 11	22 57	0 17	18 44	1 39	8 40	0 47	22 26	1 6	1 51	15 37	7 33	7 0	28 29	12 45	0 21	T 4
W 5	23 7	27 26	4 22	23 2	0 11	20 59	1 51	14 29	1 10	22 58	0 17	18 46	1 39	8 40	0 47	22 26	1 6	1 51	15 36	7 30	6 59	28 30	12 45	0 21	W 5
T 6	23 12	28 24	4 53	22 45	0s 2	20 42	2 5	14 17	1 9	22 59	0 18	18 47	1 39	8 40	0 47	22 25	1 6	1 51	15 36	7 27	6 57	28 30	12 46	0 21	T 6
F 7	23 16	27 13	5 4	22 27	0 15	20 25	2 18	14 4	1 8	23 0	0 18	18 49	1 39	8 40	0 47	22 25	1 6	1 51	15 35	7 23	6 56	28 30	12 47	0 21	F 7
S 8	23 20	24 5	4 53	22 10	0 28	20 9	2 31	13 52	1 7	23 1	0 18	18 50	1 39	8 40	0 47	22 25	1 6	1 51	15 35	7 20	6 55	28 30	12 48	0 21	S 8
S 9	23 23	19 30	4 23	21 52	0 42	19 52	2 43	13 39	1 6	23 2	0 18	18 52	1 39	8 40	0 47	22 25	1 6	1 51	15 35	7 18	6 54	28 30	12 49	0 21	S 9
M10	23 26	13 57	3 38	21 35	0 56	19 37	2 55	13 27	1 5	23 2	0 18	18 53	1 39	8 40	0 47	22 25	1 6	1 51	15 34	7 16	6 53	28 31	12 50	0 21	M10
T 11	23 28	7 54	2 42	21 17	1 11	19 21	3 6	13 14	1 4	23 3	0 19	18 55	1 39	8 40	0 47	22 25	1 6	1 50	15 34	7 16	6 51	28 31	12 51	0 21	T 11
W12	23 30	1 41	1 39	21 0	1 26	19 7	3 17	13 1	1 3	23 4	0 19	18 56	1 39	8 40	0 47	22 25	1 6	1 50	15 33	7 15	6 50	28 31	12 52	0 21	W12
T 13	23 32	4s26	0 32	20 43	1 41	18 53	3 28	12 48	1 2	23 5	0 19	18 58	1 39	8 40	0 47	22 25	1 6	1 50	15 33	7 16	6 49	28 31	12 53	0 21	T 13
F 14	23 33	10 14	0s34	20 27	1 57	18 39	3 37	12 35	1 1	23 6	0 19	18 59	1 39	8 40	0 47	22 25	1 6	1 50	15 32	7 16	6 48	28 31	12 54	0 21	F 14
S 15	23 34	15 32	1 38	20 11	2 12	18 27	3 47	12 22	1 0	23 7	0 19	19 1	1 39	8 40	0 47	22 25	1 6	1 50	15 32	7 15	6 46	28 31	12 54	0 21	S 15
S 16	23 34	20 8	2 36	19 56	2 28	18 15	3 56	12 9	1 0	23 8	0 19	19 2	1 39	8 40	0 47	22 25	1 6	1 49	15 31	7 14	6 45	28 31	12 55	0 21	S 16
M17	23 34	23 53	3 26	19 41	2 43	18 4	4 4	11 55	0 59	23 9	0 20	19 4	1 39	8 41	0 47	22 25	1 6	1 49	15 31	7 11	6 44	28 32	12 56	0 21	M17
T 18	23 34	26 36	4 7	19 28	2 58	17 54	4 12	11 42	0 58	23 10	0 20	19 5	1 39	8 41	0 47	22 25	1 6	1 49	15 30	7 8	6 43	28 32	12 57	0 21	T 18
W19	23 33	28 6	4 37	19 15	3 12	17 45	4 19	11 29	0 57	23 11	0 20	19 6	1 39	8 41	0 47	22 25	1 6	1 49	15 30	7 3	6 42	28 32	12 58	0 21	W19
T 20	23 32	28 18	4 55	19 3	3 27	17 37	4 25	11 15	0 56	23 12	0 20	19 8	1 39	8 41	0 47	22 25	1 6	1 48	15 29	6 58	6 40	28 32	12 58	0 20	T 20
F 21	23 30	27 11	5 0	18 53	3 40	17 29	4 31	11 1	0 55	23 13	0 20	19 9	1 39	8 41	0 47	22 25	1 6	1 48	15 29	6 53	6 39	28 32	12 59	0 20	F 21
S 22	23 28	24 51	4 52	18 43	3 53	17 23	4 37	10 48	0 54	23 14	0 20	19 10	1 39	8 42	0 47	22 25	1 6	1 48	15 28	6 48	6 38	28 32	13 0	0 20	S 22
S 23	23 25	21 24	4 31	18 35	4 5	17 17	4 42	10 34	0 53	23 15	0 21	19 12	1 39	8 42	0 47	22 25	1 6	1 48	15 28	6 44	6 37	28 32	13 0	0 20	S 23
M24	23 22	17 2	3 58	18 28	4 15	17 12	4 46	10 20	0 53	23 15	0 21	19 13	1 39	8 42	0 47	22 25	1 6	1 47	15 27	6 41	6 35	28 32	13 1	0 20	M24
T 25	23 19	11 55	3 13	18 23	4 25	17 8	4 50	10 6	0 52	23 16	0 21	19 14	1 39	8 43	0 47	22 25	1 6	1 47	15 27	6 39	6 34	28 32	13 2	0 20	T 25
W26	23 15	6 15	2 18	18 18	4 33	17 5	4 54	9 52	0 51	23 17	0 21	19 16	1 40	8 43	0 47	22 25	1 6	1 46	15 26	6 37	6 33	28 32	13 2	0 20	W26
T 27	23 11	0 13	1 15	18 16	4 40	17 2	4 57	9 38	0 50	23 18	0 21	19 17	1 40	8 43	0 47	22 25	1 5	1 46	15 25	6 37	6 32	28 32	13 3	0 20	T 27
F 28	23 7	6n 0	0 7	18 14	4 45	17 1	5 0	9 23	0 49	23 19	0 21	19 18	1 40	8 44	0 47	22 25	1 5	1 46	15 25	6 37	6 31	28 32	13 4	0 20	F 28
S 29	23 2	12 8	1n 4	18 15	4 48	17 0	5 2	9 9	0 48	23 20	0 21	19 19	1 40	8 44	0 47	22 25	1 5	1 45	15 24	6 37	6 29	28 32	13 4	0 20	S 29
S 30	22n56	17n53	2n13	18n16	4s50	16n59	5s 4	8n55	0n47	23s21	0s22	19n21	1s40	8s44	0s48	22s25	1n 5	1n45	15n24	6n36	6n28	28s32	13n 5	0n20	S 30

Julian Day Number = 2086459.5, Delta T = 24m21s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'30, Lahiri = 9°55'30 Julian Calendar 1 June 1000 == Greg. Calendar 7 June 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

JULY 1000 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 58 4	13♋54'01	27♉12	10°R37	9♊42	9♍45	12°R16	3♊39	9°R36	25°R41	3°R30	16°R39	16♈19	3♑49	3♉35	M 1
T 2	19 2 1	14°51'18	11♊59	10♋ 0	9°57	10°21	12♑ 9	3°45	9♓35	25♐40	3♏30	16♈33	16°15	3°56	3°37	T 2
W 3	19 5 57	15°48'36	27° 5	9°26	10°14	10°58	12° 1	3°52	9°34	25°38	3°30	16°24	16°12	4° 3	3°39	W 3
T 4	19 9 54	16°45'54	12♋22	8°55	10°32	11°34	11°53	3°58	9°33	25°37	3°30	16°13	16° 9	4° 9	3°40	T 4
F 5	19 13 50	17°43'14	27°37	8°28	10°52	12°11	11°45	4° 5	9°31	25°35	3°30	16° 3	16° 6	4°16	3°42	F 5
S 6	19 17 47	18°40'34	12♌41	8° 5	11°15	12°47	11°38	4°11	9°30	25°34	3°29	15°53	16° 3	4°23	3°44	S 6
S 7	19 21 43	19°37'54	27°23	7°47	11°38	13°24	11°30	4°17	9°29	25°32	3°29	15°45	16° 0	4°30	3°45	S 7
M 8	19 25 40	20°35'15	11♍37	7°35	12° 4	14° 0	11°23	4°24	9°28	25°31	3°29	15°39	15°56	4°36	3°47	M 8
T 9	19 29 37	21°32'36	25°22	7°28	12°31	14°37	11°15	4°30	9°26	25°29	3°D29	15°36	15°53	4°43	3°48	T 9
W10	19 33 33	22°29'59	8♎39	7°D27	12°59	15°14	11° 8	4°36	9°25	25°28	3°29	15°35	15°50	4°50	3°49	W10
T 11	19 37 30	23°27'21	21°30	7°33	13°29	15°51	11° 0	4°42	9°24	25°27	3°29	15°35	15°47	4°56	3°51	T 11
F 12	19 41 26	24°24'45	4♏ 0	7°44	14° 1	16°28	10°53	4°48	9°22	25°25	3°30	15°35	15°44	5° 3	3°52	F 12
S 13	19 45 23	25°22'09	16°14	8° 2	14°33	17° 5	10°46	4°54	9°21	25°24	3°30	15°33	15°41	5°10	3°53	S 13
S 14	19 49 19	26°19'34	28°16	8°27	15° 7	17°42	10°38	5° 0	9°19	25°23	3°30	15°30	15°37	5°17	3°54	S 14
M15	19 53 16	27°17'00	10♐12	8°58	15°43	18°19	10°31	5° 6	9°17	25°21	3°30	15°23	15°34	5°23	3°55	M15
T 16	19 57 12	28°14'26	22° 4	9°35	16°19	18°57	10°24	5°11	9°16	25°20	3°30	15°14	15°31	5°30	3°56	T 16
W17	20 1 9	29°11'54	3♑56	10°19	16°57	19°34	10°17	5°17	9°14	25°19	3°31	15° 3	15°28	5°37	3°57	W17
T 18	20 5 6	0♌ 9'22	15°49	11° 9	17°36	20°12	10°10	5°23	9°13	25°17	3°31	14°50	15°25	5°43	3°58	T 18
F 19	20 9 2	1° 6'52	27°47	12° 6	18°16	20°49	10° 3	5°28	9°11	25°16	3°31	14°37	15°21	5°50	3°59	F 19
S 20	20 12 59	2° 4'23	9♒50	13° 8	18°57	21°27	9°57	5°34	9° 9	25°15	3°32	14°25	15°18	5°57	4° 0	S 20
S 21	20 16 55	3° 1'55	21°58	14°17	19°39	22° 5	9°50	5°39	9° 7	25°14	3°32	14°14	15°15	6° 4	4° 1	S 21
M22	20 20 52	3°59'28	4♓15	15°31	20°22	22°42	9°44	5°45	9° 5	25°13	3°32	14° 6	15°12	6°10	4° 1	M22
T 23	20 24 48	4°57'02	16°40	16°50	21° 6	23°20	9°37	5°50	9° 4	25°11	3°33	14° 0	15° 9	6°17	4° 2	T 23
W24	20 28 45	5°54'38	29°17	18°15	21°51	23°58	9°31	5°55	9° 2	25°10	3°33	13°57	15° 6	6°24	4° 3	W24
T 25	20 32 41	6°52'16	12♈ 7	19°45	22°37	24°36	9°25	6° 0	9° 0	25° 9	3°34	13°D56	15° 2	6°31	4° 3	T 25
F 26	20 36 38	7°49'55	25°14	21°19	23°24	25°14	9°19	6° 5	8°58	25° 8	3°34	13°56	14°59	6°37	4° 4	F 26
S 27	20 40 35	8°47'35	8♉40	22°58	24°11	25°52	9°13	6°10	8°56	25° 7	3°35	13°R57	14°56	6°44	4° 4	S 27
S 28	20 44 31	9°45'18	22°28	24°41	24°59	26°31	9° 8	6°15	8°54	25° 6	3°36	13°56	14°53	6°51	4° 5	S 28
M29	20 48 28	10°43'02	6♊39	26°27	25°49	27° 9	9° 2	6°20	8°52	25° 5	3°36	13°53	14°50	6°57	4° 5	M29
T 30	20 52 24	11°40'48	21°11	28°16	26°38	27°47	8°57	6°25	8°50	25° 4	3°37	13°49	14°47	7° 4	4° 5	T 30
W31	20 56 21	12♌38'36	6♋ 1	0♌ 7	27♊29	28♍26	8♑51	6♊29	8♓48	25♐ 3	3♏38	13♈42	14♈43	7♑11	4♉ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	22n50	22n49	3n16	18n19	4s50	17n 0	5s 5	8n40	0n47	23s22	0s22	19n22	1s40	8s45	0s48	22s25	1n 5	1n44	15n23	6n35	6n27	28s32	13n 5	0n20	
T 2	22 44	26 27	4 8	18 24	4 49	17 1	5 6	8 26	0 46	23 23	0 22	19 23	1 40	8 45	0 48	22 25	1 5	1 44	15 23	6 32	6 26	28 32	13 6	0 20	
W 3	22 38	28 16	4 43	18 29	4 46	17 2	5 7	8 11	0 45	23 23	0 22	19 24	1 40	8 46	0 48	22 25	1 5	1 44	15 22	6 29	6 24	28 32	13 7	0 20	
T 4	22 31	27 58	4 59	18 36	4 41	17 4	5 8	7 57	0 44	23 24	0 22	19 25	1 40	8 46	0 48	22 25	1 5	1 43	15 22	6 25	6 23	28 32	13 7	0 20	
F 5	22 23	25 33	4 54	18 44	4 34	17 7	5 8	7 42	0 43	23 25	0 22	19 27	1 40	8 47	0 48	22 25	1 5	1 43	15 21	6 21	6 22	28 32	13 8	0 20	
S 6	22 16	21 23	4 28	18 54	4 26	17 10	5 8	7 27	0 42	23 26	0 22	19 28	1 40	8 47	0 48	22 25	1 5	1 42	15 20	6 17	6 21	28 32	13 8	0 20	
S 7	22 8	15 58	3 45	19 4	4 17	17 14	5 7	7 12	0 42	23 27	0 23	19 29	1 40	8 48	0 48	22 24	1 5	1 42	15 20	6 14	6 20	28 32	13 9	0 20	
M 8	21 59	9 51	2 49	19 15	4 7	17 18	5 6	6 57	0 41	23 27	0 23	19 30	1 40	8 48	0 48	22 24	1 5	1 41	15 19	6 12	6 18	28 32	13 9	0 19	
T 9	21 50	3 27	1 45	19 27	3 55	17 22	5 5	6 42	0 40	23 28	0 23	19 31	1 40	8 49	0 48	22 24	1 5	1 41	15 19	6 10	6 17	28 32	13 9	0 19	
W10	21 41	2s53	0 37	19 39	3 43	17 27	5 4	6 27	0 39	23 29	0 23	19 32	1 40	8 49	0 48	22 24	1 5	1 40	15 18	6 10	6 16	28 32	13 10	0 19	
T 11	21 31	8 55	0s31	19 52	3 29	17 32	5 3	6 12	0 38	23 30	0 23	19 33	1 40	8 50	0 48	22 24	1 5	1 39	15 18	6 10	6 15	28 32	13 10	0 19	
F 12	21 21	14 25	1 36	20 6	3 15	17 37	5 1	5 57	0 38	23 30	0 23	19 34	1 40	8 50	0 48	22 24	1 5	1 39	15 17	6 10	6 13	28 32	13 11	0 19	
S 13	21 11	19 15	2 34	20 19	3 0	17 43	4 59	5 42	0 37	23 31	0 23	19 35	1 40	8 51	0 48	22 24	1 5	1 38	15 16	6 9	6 12	28 32	13 11	0 19	
S 14	21 0	23 13	3 25	20 33	2 45	17 49	4 57	5 26	0 36	23 32	0 23	19 36	1 40	8 52	0 48	22 24	1 5	1 38	15 16	6 8	6 11	28 31	13 11	0 19	
M15	20 49	26 10	4 6	20 47	2 30	17 55	4 55	5 11	0 35	23 33	0 24	19 37	1 40	8 52	0 48	22 24	1 5	1 37	15 15	6 5	6 10	28 31	13 12	0 19	
T 16	20 38	27 56	4 37	21 0	2 14	18 1	4 52	4 55	0 34	23 33	0 24	19 38	1 41	8 53	0 48	22 24	1 5	1 36	15 15	6 2	6 8	28 31	13 12	0 19	
W17	20 26	28 25	4 55	21 12	1 58	18 7	4 50	4 40	0 34	23 34	0 24	19 39	1 41	8 53	0 48	22 24	1 5	1 36	15 14	5 58	6 7	28 31	13 12	0 19	
T 18	20 14	27 36	5 0	21 24	1 42	18 14	4 47	4 24	0 33	23 35	0 24	19 40	1 41	8 54	0 48	22 24	1 5	1 35	15 14	5 53	6 6	28 31	13 12	0 19	
F 19	20 1	25 30	4 53	21 35	1 27	18 20	4 44	4 9	0 32	23 35	0 24	19 41	1 41	8 55	0 48	22 24	1 5	1 35	15 13	5 48	6 5	28 31	13 13	0 19	
S 20	19 48	22 15	4 32	21 44	1 11	18 27	4 41	3 53	0 31	23 36	0 24	19 42	1 41	8 55	0 48	22 24	1 5	1 34	15 13	5 43	6 4	28 31	13 13	0 19	
S 21	19 35	18 1	3 59	21 53	0 56	18 33	4 37	3 38	0 30	23 36	0 24	19 43	1 41	8 56	0 48	22 24	1 5	1 33	15 12	5 39	6 2	28 30	13 13	0 19	
M22	19 22	13 1	3 14	21 59	0 41	18 40	4 34	3 22	0 30	23 37	0 24	19 43	1 41	8 57	0 48	22 24	1 5	1 33	15 11	5 35	6 1	28 30	13 13	0 19	
T 23	19 8	7 26	2 19	22 4	0 26	18 46	4 31	3 6	0 29	23 38	0 24	19 44	1 41	8 58	0 48	22 24	1 5	1 32	15 11	5 33	6 0	28 30	13 13	0 19	
W24	18 54	1 28	1 17	22 7	0 12	18 53	4 27	2 50	0 28	23 38	0 25	19 45	1 41	8 58	0 48	22 24	1 5	1 31	15 10	5 32	5 59	28 30	13 14	0 19	
T 25	18 39	4n40	0 10	22 8	0n 1	18 59	4 23	2 34	0 27	23 39	0 25	19 46	1 41	8 59	0 48	22 24	1 5	1 30	15 10	5 32	5 57	28 30	13 14	0 18	
F 26	18 25	10 44	1n 0	22 6	0 14	19 5	4 19	2 19	0 27	23 39	0 25	19 47	1 41	9 0	0 48	22 24	1 5	1 30	15 9	5 32	5 56	28 29	13 14	0 18	
S 27	18 10	16 29	2 8	22 2	0 26	19 12	4 15	2 3	0 26	23 40	0 25	19 47	1 41	9 1	0 48	22 24	1 5	1 29	15 9	5 32	5 55	28 29	13 14	0 18	
S 28	17 54	21 33	3 10	21 56	0 38	19 18	4 11	1 47	0 25	23 40	0 25	19 48	1 42	9 1	0 48	22 24	1 5	1 28	15 8	5 32	5 54	28 29	13 14	0 18	
M29	17 39	25 31	4 2	21 46	0 48	19 23	4 7	1 31	0 24	23 41	0 25	19 49	1 42	9 2	0 48	22 24	1 5	1 28	15 7	5 31	5 52	28 29	13 14	0 18	
T 30	17 23	27 57	4 41	21 34	0 58	19 29	4 3	1 15	0 23	23 41	0 25	19 50	1 42	9 3	0 48	22 24	1 5	1 27	15 7	5 29	5 51	28 28	13 14	0 18	
W31	17n 6	28n27	5n 1	21n19	1n 7	19n34	3s58	0n58	0n23	23s42	0s25	19n50	1s42	9s 4	0s48	22s24	1n 5	1n26	15n 6	5n26	5n50	28s28	13n14	0n18	

Julian Day Number = 2086489.5, Delta T = 24m21s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'34, Lahiri = 9°55'35 Julian Calendar 1 July 1000 == Greg. Calendar 7 July 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

AUGUST 1000 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 0 17	13♌36'25	21♋ 2	2♌ 1	28♊20	29♍ 4	8°R46	6♊34	8°R46	25°R 2	3♏39	13°R33	14♈40	7♉18	4♉ 5	T 1
F 2	21 4 14	14°34'16	6♌ 5	3°57	29°12	29°43	8♉41	6°38	8♓44	25♐ 1	3°39	13♈24	14°37	7°24	4° 5	F 2
S 3	21 8 11	15°32'09	21° 0	5°54	0♋ 4	0♎22	8°36	6°43	8°42	25° 0	3°40	13°16	14°34	7°31	4°R 5	S 3
S 4	21 12 7	16°30'03	5♍39	7°52	0°57	1° 0	8°32	6°47	8°39	24°59	3°41	13° 9	14°31	7°38	4° 5	S 4
M 5	21 16 4	17°27'58	19°54	9°50	1°51	1°39	8°27	6°51	8°37	24°59	3°42	13° 5	14°27	7°44	4° 5	M 5
T 6	21 20 0	18°25'55	3♎42	11°49	2°45	2°18	8°23	6°56	8°35	24°58	3°43	13° 2	14°24	7°51	4° 5	T 6
W 7	21 23 57	19°23'53	17° 3	13°49	3°40	2°57	8°19	7° 0	8°33	24°57	3°44	13°D 2	14°21	7°58	4° 5	W 7
T 8	21 27 53	20°21'52	29°58	15°48	4°35	3°36	8°15	7° 4	8°31	24°56	3°45	13° 3	14°18	8° 5	4° 5	T 8
F 9	21 31 50	21°19'53	12♏31	17°46	5°31	4°16	8°11	7° 8	8°28	24°55	3°46	13° 4	14°15	8°11	4° 4	F 9
S 10	21 35 46	22°17'56	24°46	19°44	6°28	4°55	8° 7	7°11	8°26	24°55	3°47	13°R 4	14°12	8°18	4° 4	S 10
S 11	21 39 43	23°15'59	6♐49	21°42	7°24	5°34	8° 4	7°15	8°24	24°54	3°48	13° 3	14° 8	8°25	4° 4	S 11
M12	21 43 39	24°14'05	18°45	23°39	8°22	6°13	8° 0	7°19	8°21	24°53	3°49	13° 0	14° 5	8°32	4° 3	M12
T 13	21 47 36	25°12'12	0♑37	25°34	9°19	6°53	7°57	7°22	8°19	24°53	3°50	12°55	14° 2	8°38	4° 2	T 13
W14	21 51 33	26°10'20	12°30	27°29	10°18	7°32	7°54	7°26	8°17	24°52	3°52	12°48	13°59	8°45	4° 2	W14
T 15	21 55 29	27° 8'30	24°26	29°23	11°16	8°12	7°52	7°29	8°14	24°52	3°53	12°40	13°56	8°52	4° 1	T 15
F 16	21 59 26	28° 6'41	6♒30	1♍16	12°15	8°52	7°49	7°32	8°12	24°51	3°54	12°32	13°53	8°58	4° 0	F 16
S 17	22 3 22	29° 4'55	18°41	3° 7	13°15	9°31	7°47	7°35	8°10	24°51	3°55	12°24	13°49	9° 5	4° 0	S 17
S 18	22 7 19	0♍ 3'10	1♓ 2	4°58	14°15	10°11	7°44	7°38	8° 7	24°50	3°57	12°17	13°46	9°12	3°59	S 18
M19	22 11 15	1° 1'26	13°33	6°47	15°15	10°51	7°42	7°41	8° 5	24°50	3°58	12°12	13°43	9°19	3°58	M19
T 20	22 15 12	1°59'45	26°15	8°35	16°16	11°31	7°41	7°44	8° 3	24°49	3°59	12° 9	13°40	9°25	3°57	T 20
W21	22 19 8	2°58'06	9♈ 9	10°22	17°17	12°11	7°39	7°47	8° 0	24°49	4° 1	12°D 7	13°37	9°32	3°56	W21
T 22	22 23 5	3°56'28	22°15	12° 8	18°18	12°51	7°37	7°49	7°58	24°49	4° 2	12° 8	13°33	9°39	3°55	T 22
F 23	22 27 2	4°54'53	5♉34	13°53	19°20	13°31	7°36	7°52	7°55	24°48	4° 4	12° 9	13°30	9°45	3°54	F 23
S 24	22 30 58	5°53'20	19° 7	15°36	20°22	14°11	7°35	7°54	7°53	24°48	4° 5	12°11	13°27	9°52	3°53	S 24
S 25	22 34 55	6°51'50	2♊55	17°19	21°24	14°52	7°34	7°57	7°51	24°48	4° 7	12°R11	13°24	9°59	3°51	S 25
M26	22 38 51	7°50'22	16°59	19° 1	22°27	15°32	7°34	7°59	7°48	24°48	4° 8	12°11	13°21	10° 6	3°50	M26
T 27	22 42 48	8°48'56	1♋17	20°41	23°30	16°12	7°33	8° 1	7°46	24°48	4°10	12° 9	13°18	10°12	3°49	T 27
W28	22 46 44	9°47'32	15°47	22°20	24°33	16°53	7°33	8° 3	7°43	24°47	4°11	12° 6	13°14	10°19	3°47	W28
T 29	22 50 41	10°46'10	0♌24	23°59	25°37	17°34	7°D33	8° 5	7°41	24°47	4°13	12° 2	13°11	10°26	3°46	T 29
F 30	22 54 37	11°44'51	15° 2	25°36	26°41	18°14	7°33	8° 7	7°39	24°47	4°15	11°58	13° 8	10°33	3°44	F 30
S 31	22 58 34	12♍43'34	29♌35	27♍13	27♋45	18♎55	7♉33	8♊ 8	7♓36	24♐47	4♏16	11♈53	13♈ 5	10♉39	3♉43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n50	26n52	5n 1	21n 2	1n15	19n40	3s54	0n42	0n22	23s42	0s25	19n51	1s42	9s 5	0s48	22s24	1n 4	1n25	15n 6	5n23	5n49	28s28	13n14	0n18
F 2	16 33	23 23	4 41	20 42	1 22	19 45	3 50	0 26	0 21	23 42	0 25	19 52	1 42	9 5	0 48	22 24	1 4	1 24	15 5	5 19	5 48	28 28	13 14	0 18
S 3	16 16	18 22	4 1	20 19	1 28	19 49	3 45	0 10	0 20	23 43	0 26	19 52	1 42	9 6	0 48	22 24	1 4	1 24	15 5	5 16	5 46	28 27	13 14	0 18
S 4	15 59	12 22	3 6	19 54	1 33	19 54	3 40	0s 6	0 20	23 43	0 26	19 53	1 42	9 7	0 48	22 24	1 4	1 23	15 4	5 13	5 45	28 27	13 14	0 18
M 5	15 41	5 52	2 1	19 26	1 37	19 58	3 36	0 22	0 19	23 44	0 26	19 54	1 42	9 8	0 48	22 24	1 4	1 22	15 4	5 11	5 44	28 27	13 14	0 18
T 6	15 23	0s43	0 50	18 57	1 41	20 2	3 31	0 39	0 18	23 44	0 26	19 54	1 42	9 9	0 48	22 24	1 4	1 21	15 3	5 11	5 43	28 26	13 14	0 18
W 7	15 5	7 4	0s22	18 25	1 43	20 5	3 26	0 55	0 17	23 44	0 26	19 55	1 43	9 10	0 48	22 24	1 4	1 20	15 2	5 10	5 41	28 26	13 14	0 18
T 8	14 47	12 55	1 30	17 52	1 45	20 8	3 21	1 11	0 17	23 45	0 26	19 55	1 43	9 10	0 48	22 24	1 4	1 20	15 2	5 11	5 40	28 26	13 13	0 18
F 9	14 28	18 5	2 32	17 17	1 46	20 11	3 17	1 28	0 16	23 45	0 26	19 56	1 43	9 11	0 48	22 24	1 4	1 19	15 1	5 11	5 39	28 25	13 13	0 18
S 10	14 9	22 23	3 25	16 40	1 47	20 13	3 12	1 44	0 15	23 45	0 26	19 56	1 43	9 12	0 49	22 24	1 4	1 18	15 1	5 11	5 38	28 25	13 13	0 18
S 11	13 50	25 39	4 8	16 2	1 47	20 15	3 7	2 0	0 14	23 46	0 26	19 57	1 43	9 13	0 49	22 24	1 4	1 17	15 0	5 11	5 36	28 25	13 13	0 17
M12	13 31	27 45	4 40	15 23	1 46	20 17	3 2	2 17	0 14	23 46	0 26	19 57	1 43	9 14	0 49	22 24	1 4	1 16	15 0	5 10	5 35	28 24	13 13	0 17
T 13	13 11	28 34	5 0	14 42	1 44	20 18	2 57	2 33	0 13	23 46	0 26	19 58	1 43	9 15	0 49	22 24	1 4	1 15	14 59	5 8	5 34	28 24	13 12	0 17
W14	12 52	28 5	5 7	14 1	1 42	20 19	2 52	2 49	0 12	23 46	0 26	19 58	1 43	9 16	0 49	22 24	1 4	1 14	14 59	5 5	5 33	28 24	13 12	0 17
T 15	12 32	26 17	5 1	13 18	1 40	20 19	2 47	3 6	0 11	23 47	0 26	19 59	1 43	9 16	0 49	22 24	1 4	1 14	14 58	5 2	5 31	28 23	13 12	0 17
F 16	12 12	23 17	4 41	12 35	1 37	20 19	2 42	3 22	0 11	23 47	0 26	19 59	1 44	9 17	0 49	22 24	1 4	1 13	14 58	4 59	5 30	28 23	13 12	0 17
S 17	11 51	19 14	4 8	11 52	1 33	20 19	2 36	3 38	0 10	23 47	0 27	20 0	1 44	9 18	0 49	22 24	1 4	1 12	14 57	4 55	5 29	28 22	13 11	0 17
S 18	11 31	14 20	3 24	11 8	1 29	20 18	2 31	3 55	0 9	23 47	0 27	20 0	1 44	9 19	0 49	22 24	1 4	1 11	14 57	4 53	5 28	28 22	13 11	0 17
M19	11 10	8 47	2 29	10 23	1 25	20 16	2 26	4 11	0 9	23 47	0 27	20 0	1 44	9 20	0 49	22 24	1 4	1 10	14 56	4 51	5 26	28 22	13 11	0 17
T 20	10 49	2 48	1 25	9 38	1 21	20 15	2 21	4 27	0 8	23 48	0 27	20 1	1 44	9 21	0 49	22 25	1 4	1 9	14 56	4 50	5 25	28 21	13 10	0 17
W21	10 28	3n24	0 16	8 53	1 16	20 12	2 16	4 44	0 7	23 48	0 27	20 1	1 44	9 22	0 49	22 25	1 4	1 8	14 55	4 49	5 24	28 21	13 10	0 17
T 22	10 7	9 33	0n55	8 8	1 10	20 9	2 11	5 0	0 6	23 48	0 27	20 1	1 44	9 23	0 49	22 25	1 4	1 7	14 55	4 49	5 23	28 20	13 9	0 17
F 23	9 46	15 24	2 4	7 22	1 5	20 6	2 6	5 17	0 6	23 48	0 27	20 2	1 44	9 24	0 49	22 25	1 4	1 6	14 54	4 50	5 21	28 20	13 9	0 17
S 24	9 24	20 36	3 8	6 37	0 59	20 2	2 0	5 33	0 5	23 48	0 27	20 2	1 44	9 25	0 49	22 25	1 4	1 5	14 54	4 50	5 20	28 19	13 8	0 17
S 25	9 2	24 48	4 2	5 51	0 53	19 58	1 55	5 49	0 4	23 48	0 27	20 2	1 45	9 26	0 49	22 25	1 3	1 4	14 53	4 51	5 19	28 19	13 8	0 17
M26	8 41	27 37	4 42	5 5	0 47	19 53	1 50	6 6	0 4	23 48	0 27	20 2	1 45	9 26	0 49	22 25	1 3	1 4	14 53	4 51	5 18	28 18	13 7	0 17
T 27	8 19	28 40	5 6	4 20	0 40	19 47	1 45	6 22	0 3	23 48	0 27	20 3	1 45	9 27	0 49	22 25	1 3	1 3	14 52	4 50	5 17	28 18	13 7	0 16
W28	7 56	27 47	5 11	3 34	0 34	19 41	1 40	6 38	0 2	23 48	0 27	20 3	1 45	9 28	0 49	22 25	1 3	1 2	14 52	4 49	5 15	28 17	13 6	0 16
T 29	7 34	24 59	4 56	2 49	0 27	19 35	1 35	6 54	0 1	23 48	0 27	20 3	1 45	9 29	0 49	22 25	1 3	1 1	14 51	4 47	5 14	28 17	13 6	0 16
F 30	7 12	20 35	4 22	2 4	0 20	19 28	1 30	7 11	0 1	23 48	0 27	20 3	1 45	9 30	0 49	22 25	1 3	1 0	14 51	4 45	5 13	28 16	13 5	0 16
S 31	6n49	14n58	3n31	1n19	0n13	19n20	1s25	7s27	0n 0	23s49	0s27	20n 3	1s45	9s31	0s49	22s25	1n 3	0n59	14n51	4n44	5n12	28s16	13n 5	0n16

Julian Day Number = 2086520.5, Delta T = 24m20s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'38, Lahiri = 9°55'39 Julian Calendar 1 Aug. 1000 == Greg. Calendar 7 Aug. 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

SEPTEMBER 1000 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 2 31	13♍42'18	13♍56	28♍48	28♋49	19♎36	7♑34	8♊10	7°R34	24°D47	4♏18	11°R50	13♈ 2	10♑46	3°R41	S 1
M 2	23 6 27	14°41'05	27°59	0♎22	29°54	20°17	7°34	8°11	7♓31	24♐47	4°20	11♈48	12°59	10°53	3♉40	M 2
T 3	23 10 24	15°39'54	11♎41	1°56	0♌59	20°58	7°35	8°13	7°29	24°47	4°22	11°D47	12°55	10°59	3°38	T 3
W 4	23 14 20	16°38'44	25° 0	3°28	2° 4	21°39	7°36	8°14	7°27	24°47	4°23	11°48	12°52	11° 6	3°36	W 4
T 5	23 18 17	17°37'37	7♏56	5° 0	3°10	22°20	7°38	8°15	7°24	24°48	4°25	11°49	12°49	11°13	3°34	T 5
F 6	23 22 13	18°36'31	20°31	6°30	4°16	23° 1	7°39	8°16	7°22	24°48	4°27	11°51	12°46	11°20	3°33	F 6
S 7	23 26 10	19°35'28	2♐49	8° 0	5°22	23°42	7°41	8°17	7°20	24°48	4°29	11°52	12°43	11°26	3°31	S 7
S 8	23 30 6	20°34'26	14°55	9°29	6°28	24°23	7°43	8°18	7°17	24°48	4°31	11°53	12°39	11°33	3°29	S 8
M 9	23 34 3	21°33'26	26°51	10°57	7°34	25° 5	7°45	8°19	7°15	24°48	4°33	11°R53	12°36	11°40	3°27	M 9
T 10	23 38 0	22°32'27	8♑44	12°23	8°41	25°46	7°47	8°19	7°13	24°49	4°34	11°52	12°33	11°47	3°25	T 10
W11	23 41 56	23°31'31	20°38	13°49	9°48	26°28	7°49	8°20	7°10	24°49	4°36	11°51	12°30	11°53	3°23	W11
T 12	23 45 53	24°30'36	2♒37	15°14	10°55	27° 9	7°52	8°20	7° 8	24°49	4°38	11°48	12°27	12° 0	3°21	T 12
F 13	23 49 49	25°29'44	14°45	16°38	12° 2	27°51	7°55	8°20	7° 6	24°50	4°40	11°46	12°24	12° 7	3°18	F 13
S 14	23 53 46	26°28'53	27° 4	18° 1	13°10	28°33	7°58	8°21	7° 4	24°50	4°42	11°43	12°20	12°13	3°16	S 14
S 15	23 57 42	27°28'04	9♓37	19°22	14°17	29°14	8° 1	8°R21	7° 1	24°51	4°44	11°41	12°17	12°20	3°14	S 15
M16	0 1 39	28°27'17	22°24	20°43	15°25	29°56	8° 4	8°21	6°59	24°51	4°46	11°40	12°14	12°27	3°12	M16
T 17	0 5 35	29°26'32	5♈26	22° 2	16°33	0♏38	8° 8	8°20	6°57	24°52	4°48	11°D39	12°11	12°34	3° 9	T 17
W18	0 9 32	0♎25'49	18°43	23°20	17°41	1°20	8°12	8°20	6°55	24°52	4°51	11°39	12° 8	12°40	3° 7	W18
T 19	0 13 28	1°25'08	2♉13	24°37	18°50	2° 2	8°16	8°20	6°53	24°53	4°53	11°40	12° 4	12°47	3° 5	T 19
F 20	0 17 25	2°24'30	15°55	25°53	19°58	2°44	8°20	8°19	6°51	24°53	4°55	11°41	12° 1	12°54	3° 2	F 20
S 21	0 21 22	3°23'54	29°47	27° 7	21° 7	3°26	8°24	8°19	6°49	24°54	4°57	11°41	11°58	13° 0	3° 0	S 21
S 22	0 25 18	4°23'20	13♊48	28°19	22°16	4° 9	8°28	8°18	6°46	24°55	4°59	11°42	11°55	13° 7	2°57	S 22
M23	0 29 15	5°22'49	27°56	29°30	23°25	4°51	8°33	8°17	6°44	24°55	5° 1	11°42	11°52	13°14	2°55	M23
T 24	0 33 11	6°22'21	12♋ 8	0♏39	24°35	5°33	8°38	8°16	6°42	24°56	5° 3	11°R42	11°49	13°21	2°52	T 24
W25	0 37 8	7°21'54	26°22	1°46	25°44	6°16	8°43	8°15	6°40	24°57	5° 6	11°42	11°45	13°27	2°50	W25
T 26	0 41 4	8°21'30	10♌36	2°50	26°54	6°58	8°48	8°14	6°39	24°58	5° 8	11°42	11°42	13°34	2°47	T 26
F 27	0 45 1	9°21'08	24°46	3°53	28° 4	7°41	8°53	8°13	6°37	24°59	5°10	11°42	11°39	13°41	2°44	F 27
S 28	0 48 58	10°20'49	8♍50	4°52	29°13	8°23	8°59	8°11	6°35	25° 0	5°12	11°41	11°36	13°48	2°42	S 28
S 29	0 52 54	11°20'31	22°44	5°49	0♍24	9° 6	9° 5	8°10	6°33	25° 0	5°14	11°D41	11°33	13°54	2°39	S 29
M30	0 56 51	12♎20'16	6♎25	6♏43	1♍34	9♏49	9♑10	8♊ 8	6♓31	25♐ 1	5♏17	11°R41	11♈30	14♑ 1	2♉36	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n27	8n37	2n27	0n34	0n 6	19n12	1s20	7s43	0s 1	23s49	0s27	20n 3	1s45	9s32	0s49	22s25	1n 3	0n58	14n50	4n42	5n10	28s15	13n 4	0n16
M 2	6 4	1 57	1 15	0s10	0s 1	19 4	1 15	7 59	0 1	23 49	0 27	20 3	1 46	9 33	0 49	22 25	1 3	0 57	14 50	4 41	5 9	28 15	13 3	0 16
T 3	5 41	4s38	0 1	0 54	0 8	18 55	1 10	8 15	0 2	23 49	0 27	20 4	1 46	9 34	0 49	22 25	1 3	0 56	14 49	4 41	5 8	28 14	13 3	0 16
W 4	5 18	10 50	1s12	1 38	0 16	18 45	1 5	8 31	0 3	23 49	0 27	20 4	1 46	9 34	0 49	22 25	1 3	0 55	14 49	4 41	5 7	28 14	13 2	0 16
T 5	4 55	16 25	2 19	2 21	0 23	18 35	1 0	8 47	0 3	23 48	0 28	20 4	1 46	9 35	0 49	22 25	1 3	0 54	14 48	4 42	5 5	28 13	13 1	0 16
F 6	4 32	21 8	3 17	3 4	0 30	18 24	0 55	9 3	0 4	23 48	0 28	20 4	1 46	9 36	0 49	22 25	1 3	0 53	14 48	4 43	5 4	28 13	13 1	0 16
S 7	4 9	24 50	4 5	3 46	0 38	18 13	0 51	9 19	0 5	23 48	0 28	20 4	1 46	9 37	0 49	22 25	1 3	0 52	14 48	4 43	5 3	28 12	13 0	0 16
S 8	3 45	27 22	4 41	4 28	0 45	18 1	0 46	9 35	0 5	23 48	0 28	20 4	1 46	9 38	0 49	22 25	1 3	0 51	14 47	4 44	5 2	28 11	12 59	0 16
M 9	3 22	28 36	5 4	5 10	0 53	17 49	0 41	9 51	0 6	23 48	0 28	20 4	1 46	9 39	0 49	22 25	1 3	0 50	14 47	4 44	5 0	28 11	12 59	0 16
T 10	2 59	28 31	5 14	5 51	1 0	17 36	0 36	10 7	0 7	23 48	0 28	20 4	1 46	9 40	0 49	22 25	1 3	0 49	14 46	4 43	4 59	28 10	12 58	0 16
W11	2 35	27 6	5 11	6 31	1 8	17 23	0 32	10 23	0 7	23 48	0 28	20 4	1 47	9 40	0 48	22 25	1 3	0 48	14 46	4 42	4 58	28 10	12 57	0 15
T 12	2 12	24 27	4 54	7 11	1 15	17 9	0 27	10 39	0 8	23 48	0 28	20 4	1 47	9 41	0 48	22 26	1 3	0 47	14 46	4 42	4 57	28 9	12 56	0 15
F 13	1 48	20 42	4 25	7 50	1 22	16 55	0 23	10 54	0 9	23 48	0 28	20 4	1 47	9 42	0 48	22 26	1 3	0 46	14 45	4 41	4 55	28 8	12 55	0 15
S 14	1 24	16 2	3 42	8 29	1 29	16 40	0 18	11 10	0 9	23 48	0 28	20 3	1 47	9 43	0 48	22 26	1 3	0 45	14 45	4 40	4 54	28 8	12 55	0 15
S 15	1 1	10 36	2 48	9 7	1 36	16 25	0 14	11 25	0 10	23 47	0 28	20 3	1 47	9 44	0 48	22 26	1 3	0 44	14 45	4 39	4 53	28 7	12 54	0 15
M16	0 37	4 38	1 44	9 44	1 44	16 9	0 9	11 41	0 11	23 47	0 28	20 3	1 47	9 45	0 48	22 26	1 2	0 43	14 44	4 38	4 52	28 6	12 53	0 15
T 17	0 13	1n39	0 34	10 20	1 50	15 53	0 5	11 56	0 11	23 47	0 28	20 3	1 47	9 45	0 48	22 26	1 2	0 42	14 44	4 38	4 50	28 6	12 52	0 15
W18	0s10	7 58	0n39	10 56	1 57	15 36	0 1	12 12	0 12	23 47	0 28	20 3	1 47	9 46	0 48	22 26	1 2	0 41	14 44	4 38	4 49	28 5	12 51	0 15
T 19	0 34	14 3	1 51	11 30	2 4	15 19	0n 4	12 27	0 13	23 47	0 28	20 3	1 48	9 47	0 48	22 26	1 2	0 40	14 43	4 38	4 48	28 4	12 50	0 15
F 20	0 58	19 32	2 58	12 4	2 10	15 1	0 8	12 42	0 13	23 46	0 28	20 3	1 48	9 48	0 48	22 26	1 2	0 39	14 43	4 39	4 47	28 4	12 49	0 15
S 21	1 21	24 3	3 56	12 37	2 16	14 43	0 12	12 57	0 14	23 46	0 28	20 2	1 48	9 48	0 48	22 26	1 2	0 38	14 43	4 39	4 45	28 3	12 49	0 15
S 22	1 45	27 13	4 40	13 9	2 22	14 25	0 16	13 12	0 15	23 46	0 28	20 2	1 48	9 49	0 48	22 26	1 2	0 37	14 42	4 39	4 44	28 2	12 48	0 15
M23	2 9	28 41	5 8	13 40	2 28	14 6	0 20	13 27	0 15	23 46	0 28	20 2	1 48	9 50	0 48	22 26	1 2	0 36	14 42	4 39	4 43	28 2	12 47	0 15
T 24	2 33	28 16	5 17	14 10	2 34	13 46	0 24	13 42	0 16	23 45	0 28	20 2	1 48	9 51	0 48	22 26	1 2	0 36	14 42	4 39	4 42	28 1	12 46	0 15
W25	2 56	26 0	5 6	14 38	2 39	13 26	0 27	13 57	0 17	23 45	0 28	20 1	1 48	9 51	0 48	22 26	1 2	0 35	14 41	4 39	4 40	28 0	12 45	0 14
T 26	3 20	22 7	4 37	15 5	2 44	13 6	0 31	14 11	0 17	23 45	0 28	20 1	1 48	9 52	0 48	22 26	1 2	0 34	14 41	4 39	4 39	27 59	12 44	0 14
F 27	3 44	16 58	3 52	15 31	2 48	12 45	0 35	14 26	0 18	23 44	0 28	20 1	1 48	9 53	0 48	22 27	1 2	0 33	14 41	4 39	4 38	27 59	12 43	0 14
S 28	4 7	10 57	2 52	15 55	2 52	12 24	0 38	14 40	0 19	23 44	0 28	20 0	1 49	9 53	0 48	22 27	1 2	0 32	14 41	4 39	4 37	27 58	12 42	0 14
S 29	4 31	4 29	1 43	16 18	2 56	12 3	0 42	14 55	0 19	23 44	0 28	20 0	1 49	9 54	0 48	22 27	1 2	0 31	14 40	4 39	4 35	27 57	12 41	0 14
M30	4s54	2s 7	0n29	16s39	2s59	11n41	0n45	15s 9	0s20	23s43	0s28	20n 0	1s49	9s55	0s48	22s27	1n 2	0n30	14n40	4n39	4n34	27s56	12n40	0n14

Julian Day Number = 2086551.5, Delta T = 24m20s
Ecliptic obliquity = 23°34'17, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'43, Lahiri = 9°55'43 Julian Calendar 1 Sept. 1000 == Greg. Calendar 7 Sept. 1000

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

OCTOBER 1000 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 0 47	13♎20'03	19♎50	7♏33	2♍44	10♏32	9♑16	8°R 6	6°R29	25♐ 2	5♏19	11°R41	11♈26	14♑ 8	2°R33	T 1
W 2	1 4 44	14°19'52	2♏58	8°20	3°55	11°15	9°23	8♊ 4	6♓28	25° 3	5°21	11♈41	11°23	14°14	2♉31	W 2
T 3	1 8 40	15°19'43	15°48	9° 2	5° 5	11°58	9°29	8° 3	6°26	25° 4	5°24	11°41	11°20	14°21	2°28	T 3
F 4	1 12 37	16°19'35	28°21	9°39	6°16	12°41	9°35	8° 0	6°24	25° 5	5°26	11°40	11°17	14°28	2°25	F 4
S 5	1 16 33	17°19'30	10♐39	10°11	7°27	13°24	9°42	7°58	6°22	25° 7	5°28	11°40	11°14	14°35	2°22	S 5
S 6	1 20 30	18°19'26	22°45	10°38	8°38	14° 7	9°49	7°56	6°21	25° 8	5°31	11°39	11°10	14°41	2°19	S 6
M 7	1 24 26	19°19'25	4♑43	10°58	9°49	14°50	9°56	7°54	6°19	25° 9	5°33	11°38	11° 7	14°48	2°16	M 7
T 8	1 28 23	20°19'24	16°36	11°11	11° 0	15°34	10° 3	7°51	6°18	25°10	5°35	11°D38	11° 4	14°55	2°14	T 8
W 9	1 32 20	21°19'26	28°29	11°R17	12°12	16°17	10°10	7°49	6°16	25°11	5°38	11°38	11° 1	15° 2	2°11	W 9
T 10	1 36 16	22°19'29	10♒27	11°14	13°23	17° 0	10°18	7°46	6°15	25°13	5°40	11°39	10°58	15° 8	2° 8	T 10
F 11	1 40 13	23°19'34	22°35	11° 3	14°35	17°44	10°25	7°43	6°13	25°14	5°42	11°39	10°55	15°15	2° 5	F 11
S 12	1 44 9	24°19'40	4♓57	10°43	15°46	18°27	10°33	7°41	6°12	25°15	5°45	11°41	10°51	15°22	2° 2	S 12
S 13	1 48 6	25°19'48	17°36	10°13	16°58	19°11	10°41	7°38	6°11	25°16	5°47	11°42	10°48	15°28	1°59	S 13
M14	1 52 2	26°19'58	0♈35	9°33	18°10	19°55	10°49	7°35	6° 9	25°18	5°50	11°43	10°45	15°35	1°56	M14
T 15	1 55 59	27°20'09	13°54	8°44	19°22	20°38	10°57	7°32	6° 8	25°19	5°52	11°R43	10°42	15°42	1°53	T 15
W16	1 59 55	28°20'22	27°34	7°46	20°34	21°22	11° 5	7°28	6° 7	25°21	5°54	11°42	10°39	15°49	1°50	W16
T 17	2 3 52	29°20'37	11♉31	6°40	21°46	22° 6	11°14	7°25	6° 6	25°22	5°57	11°41	10°36	15°55	1°47	T 17
F 18	2 7 49	0♏20'54	25°43	5°28	22°59	22°50	11°22	7°22	6° 5	25°23	5°59	11°39	10°32	16° 2	1°44	F 18
S 19	2 11 45	1°21'13	10♊ 3	4°11	24°11	23°34	11°31	7°18	6° 4	25°25	6° 2	11°36	10°29	16° 9	1°41	S 19
S 20	2 15 42	2°21'34	24°28	2°51	25°24	24°18	11°40	7°15	6° 3	25°27	6° 4	11°33	10°26	16°15	1°38	S 20
M21	2 19 38	3°21'57	8♋52	1°32	26°36	25° 2	11°49	7°11	6° 2	25°28	6° 6	11°31	10°23	16°22	1°35	M21
T 22	2 23 35	4°22'22	23°11	0°15	27°49	25°46	11°58	7° 7	6° 1	25°30	6° 9	11°29	10°20	16°29	1°32	T 22
W23	2 27 31	5°22'49	7♌22	29♎ 3	29° 2	26°30	12° 7	7° 4	6° 0	25°31	6°11	11°D29	10°16	16°36	1°29	W23
T 24	2 31 28	6°23'18	21°23	27°59	0♎14	27°15	12°16	7° 0	5°59	25°33	6°14	11°30	10°13	16°42	1°26	T 24
F 25	2 35 24	7°23'48	5♍12	27° 4	1°27	27°59	12°26	6°56	5°58	25°34	6°16	11°31	10°10	16°49	1°23	F 25
S 26	2 39 21	8°24'21	18°50	26°19	2°40	28°43	12°35	6°52	5°57	25°36	6°19	11°33	10° 7	16°56	1°20	S 26
S 27	2 43 18	9°24'55	2♎16	25°46	3°54	29°28	12°45	6°48	5°57	25°38	6°21	11°34	10° 4	17° 3	1°17	S 27
M28	2 47 14	10°25'31	15°31	25°25	5° 7	0♐12	12°55	6°44	5°56	25°40	6°23	11°R34	10° 1	17° 9	1°14	M28
T 29	2 51 11	11°26'09	28°33	25°D15	6°20	0°57	13° 5	6°39	5°55	25°41	6°26	11°33	9°57	17°16	1°11	T 29
W30	2 55 7	12°26'49	11♏23	25°17	7°33	1°42	13°15	6°35	5°55	25°43	6°28	11°30	9°54	17°23	1° 8	W30
T 31	2 59 4	13♏27'30	24♏ 0	25♎29	8♎47	2♐26	13♑25	6♊31	5♓54	25♐45	6♏31	11♈26	9♈51	17♑29	1♉ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s18	8s29	0s45	16s58	3s 2	11n19	0n49	15s23	0s20	23s43	0s28	19n59	1s49	9s55	0s48	22s27	1n 2	0n29	14n40	4n39	4n33	27s56	12n39	0n14
W 2	5 41	14 22	1 55	17 15	3 4	10 56	0 52	15 37	0 21	23 43	0 28	19 59	1 49	9 56	0 48	22 27	1 2	0 28	14 40	4 39	4 32	27 55	12 38	0 14
T 3	6 4	19 30	2 58	17 30	3 5	10 33	0 55	15 51	0 22	23 42	0 28	19 59	1 49	9 57	0 48	22 27	1 2	0 27	14 39	4 39	4 30	27 54	12 37	0 14
F 4	6 27	23 39	3 51	17 43	3 5	10 10	0 58	16 5	0 22	23 42	0 28	19 58	1 49	9 57	0 48	22 27	1 2	0 26	14 39	4 38	4 29	27 53	12 36	0 14
S 5	6 50	26 39	4 32	17 53	3 5	9 46	1 1	16 19	0 23	23 41	0 28	19 58	1 49	9 58	0 48	22 27	1 2	0 25	14 39	4 38	4 28	27 52	12 35	0 14
S 6	7 13	28 21	5 0	18 0	3 4	9 22	1 4	16 32	0 24	23 41	0 28	19 57	1 49	9 58	0 48	22 27	1 2	0 24	14 39	4 38	4 27	27 52	12 34	0 14
M 7	7 36	28 43	5 14	18 4	3 1	8 58	1 7	16 46	0 24	23 40	0 29	19 57	1 49	9 59	0 48	22 27	1 2	0 23	14 39	4 38	4 25	27 51	12 32	0 14
T 8	7 59	27 45	5 15	18 5	2 58	8 33	1 10	16 59	0 25	23 40	0 29	19 56	1 49	10 0	0 48	22 27	1 2	0 22	14 38	4 37	4 24	27 50	12 31	0 13
W 9	8 22	25 31	5 3	18 2	2 53	8 8	1 12	17 12	0 25	23 39	0 29	19 56	1 50	10 0	0 48	22 28	1 2	0 21	14 38	4 38	4 23	27 49	12 30	0 13
T 10	8 44	22 10	4 37	17 55	2 47	7 43	1 15	17 25	0 26	23 39	0 29	19 55	1 50	10 1	0 48	22 28	1 1	0 21	14 38	4 38	4 22	27 48	12 29	0 13
F 11	9 7	17 49	3 59	17 44	2 39	7 18	1 17	17 38	0 27	23 38	0 29	19 55	1 50	10 1	0 48	22 28	1 1	0 20	14 38	4 38	4 20	27 47	12 28	0 13
S 12	9 29	12 41	3 9	17 29	2 30	6 52	1 20	17 51	0 27	23 38	0 29	19 54	1 50	10 2	0 48	22 28	1 1	0 19	14 38	4 39	4 19	27 47	12 27	0 13
S 13	9 51	6 54	2 9	17 9	2 19	6 26	1 22	18 4	0 28	23 37	0 29	19 54	1 50	10 2	0 48	22 28	1 1	0 18	14 38	4 39	4 18	27 46	12 26	0 13
M14	10 13	0 42	1 1	16 44	2 6	6 0	1 24	18 16	0 28	23 36	0 29	19 53	1 50	10 2	0 48	22 28	1 1	0 17	14 37	4 39	4 17	27 45	12 25	0 13
T 15	10 35	5n42	0n12	16 15	1 51	5 33	1 27	18 29	0 29	23 36	0 29	19 53	1 50	10 3	0 48	22 28	1 1	0 16	14 37	4 39	4 15	27 44	12 24	0 13
W16	10 57	12 0	1 26	15 41	1 35	5 7	1 29	18 41	0 30	23 35	0 29	19 52	1 50	10 3	0 48	22 28	1 1	0 15	14 37	4 39	4 14	27 43	12 23	0 13
T 17	11 18	17 51	2 37	15 2	1 17	4 40	1 31	18 53	0 30	23 34	0 29	19 52	1 50	10 4	0 48	22 28	1 1	0 14	14 37	4 39	4 13	27 42	12 21	0 13
F 18	11 39	22 50	3 39	14 20	0 58	4 13	1 32	19 5	0 31	23 34	0 29	19 51	1 50	10 4	0 48	22 28	1 1	0 14	14 37	4 38	4 12	27 41	12 20	0 13
S 19	12 1	26 30	4 28	13 35	0 38	3 46	1 34	19 16	0 31	23 33	0 29	19 50	1 50	10 4	0 48	22 28	1 1	0 13	14 37	4 37	4 10	27 40	12 19	0 13
S 20	12 22	28 28	5 1	12 48	0 18	3 18	1 36	19 28	0 32	23 32	0 29	19 50	1 50	10 5	0 48	22 28	1 1	0 12	14 37	4 36	4 9	27 39	12 18	0 12
M21	12 42	28 30	5 14	12 1	0n 3	2 51	1 38	19 39	0 32	23 31	0 29	19 49	1 50	10 5	0 47	22 29	1 1	0 11	14 37	4 35	4 8	27 38	12 17	0 12
T 22	13 3	26 37	5 8	11 15	0 23	2 23	1 39	19 50	0 33	23 31	0 29	19 48	1 50	10 5	0 47	22 29	1 1	0 10	14 37	4 34	4 7	27 37	12 16	0 12
W23	13 23	23 5	4 43	10 32	0 43	1 55	1 40	20 1	0 34	23 30	0 29	19 48	1 50	10 6	0 47	22 29	1 1	0 9	14 37	4 34	4 5	27 36	12 15	0 12
T 24	13 43	18 16	4 1	9 52	1 1	1 28	1 42	20 12	0 34	23 29	0 29	19 47	1 50	10 6	0 47	22 29	1 1	0 9	14 37	4 34	4 4	27 35	12 14	0 12
F 25	14 3	12 33	3 6	9 16	1 18	0 59	1 43	20 23	0 35	23 28	0 29	19 46	1 50	10 6	0 47	22 29	1 1	0 8	14 37	4 35	4 3	27 35	12 13	0 12
S 26	14 23	6 18	2 1	8 46	1 33	0 31	1 44	20 33	0 35	23 27	0 29	19 46	1 50	10 7	0 47	22 29	1 1	0 7	14 36	4 35	4 2	27 34	12 11	0 12
S 27	14 43	0s 8	0 51	8 22	1 46	0 3	1 45	20 44	0 36	23 26	0 29	19 45	1 50	10 7	0 47	22 29	1 1	0 6	14 36	4 36	4 0	27 33	12 10	0 12
M28	15 2	6 28	0s22	8 4	1 57	0s25	1 46	20 54	0 36	23 25	0 29	19 44	1 50	10 7	0 47	22 29	1 1	0 5	14 36	4 36	3 59	27 32	12 9	0 12
T 29	15 21	12 27	1 32	7 52	2 7	0 53	1 47	21 4	0 37	23 24	0 29	19 44	1 50	10 7	0 47	22 29	1 1	0 5	14 36	4 36	3 58	27 31	12 8	0 12
W30	15 39	17 48	2 36	7 45	2 14	1 22	1 48	21 13	0 37	23 24	0 29	19 43	1 50	10 7	0 47	22 29	1 1	0 4	14 36	4 34	3 57	27 30	12 7	0 12
T 31	15s58	22s17	3s31	7s44	2n20	1s50	1n49	21s23	0s38	23s23	0s29	19n42	1s50	10s 7	0s47	22s29	1n 1	0n 3	14n36	4n33	3n55	27s29	12n 6	0n12

Julian Day Number = 2086581.5, Delta T = 24m19s
Ecliptic obliquity = 23°34'17, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'47, Lahiri = 9°55'47 Julian Calendar 1 Oct. 1000 == Greg. Calendar 7 Oct. 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

NOVEMBER 1000 C.E.JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 3 0	14♏28'12	6♐25	25♎51	10♎ 0	3♐11	13♑35	6°R26	5°R54	25♐47	6♏33	11°R20	9♈48	17♑36	1°R 3	F 1
S 2	3 6 57	15°28'56	18°39	26°22	11°14	3°56	13°46	6♊22	5♓53	25°48	6°35	11♈14	9°45	17°43	1♉ 0	S 2
S 3	3 10 53	16°29'41	0♑42	27° 1	12°27	4°41	13°56	6°18	5°53	25°50	6°38	11° 7	9°41	17°50	0°57	S 3
M 4	3 14 50	17°30'27	12°39	27°47	13°41	5°26	14° 7	6°13	5°53	25°52	6°40	11° 1	9°38	17°56	0°54	M 4
T 5	3 18 47	18°31'15	24°30	28°39	14°54	6°11	14°18	6° 8	5°53	25°54	6°43	10°57	9°35	18° 3	0°51	T 5
W 6	3 22 43	19°32'03	6♒22	29°37	16° 8	6°56	14°28	6° 4	5°52	25°56	6°45	10°54	9°32	18°10	0°48	W 6
T 7	3 26 40	20°32'53	18°17	0♏40	17°22	7°41	14°39	5°59	5°52	25°58	6°47	10°D53	9°29	18°16	0°46	T 7
F 8	3 30 36	21°33'43	0♓22	1°47	18°36	8°26	14°50	5°54	5°52	26° 0	6°50	10°53	9°26	18°23	0°43	F 8
S 9	3 34 33	22°34'34	12°40	2°58	19°50	9°11	15° 2	5°50	5°D52	26° 2	6°52	10°55	9°22	18°30	0°40	S 9
S 10	3 38 29	23°35'27	25°18	4°12	21° 4	9°56	15°13	5°45	5°52	26° 4	6°54	10°56	9°19	18°37	0°38	S 10
M11	3 42 26	24°36'20	8♈19	5°28	22°18	10°42	15°24	5°40	5°52	26° 6	6°57	10°R57	9°16	18°43	0°35	M11
T 12	3 46 22	25°37'14	21°45	6°47	23°32	11°27	15°36	5°35	5°52	26° 8	6°59	10°57	9°13	18°50	0°32	T 12
W13	3 50 19	26°38'09	5♉37	8° 8	24°46	12°12	15°47	5°30	5°52	26°10	7° 1	10°54	9°10	18°57	0°30	W13
T 14	3 54 16	27°39'05	19°55	9°30	26° 0	12°58	15°59	5°26	5°53	26°12	7° 4	10°49	9° 7	19° 4	0°27	T 14
F 15	3 58 12	28°40'02	4♊32	10°54	27°14	13°43	16°10	5°21	5°53	26°14	7° 6	10°43	9° 3	19°10	0°24	F 15
S 16	4 2 9	29°41'00	19°22	12°19	28°28	14°29	16°22	5°16	5°53	26°16	7° 8	10°35	9° 0	19°17	0°22	S 16
S 17	4 6 5	0♐41'59	4♋16	13°46	29°42	15°14	16°34	5°11	5°54	26°18	7°11	10°27	8°57	19°24	0°19	S 17
M18	4 10 2	1°43'00	19° 6	15°13	0♏57	16° 0	16°46	5° 6	5°54	26°20	7°13	10°20	8°54	19°30	0°17	M18
T 19	4 13 58	2°44'01	3♌43	16°40	2°11	16°46	16°58	5° 1	5°54	26°22	7°15	10°14	8°51	19°37	0°15	T 19
W20	4 17 55	3°45'04	18° 4	18° 9	3°25	17°31	17°10	4°56	5°55	26°24	7°17	10°11	8°47	19°44	0°12	W20
T 21	4 21 52	4°46'08	2♍ 6	19°38	4°40	18°17	17°22	4°51	5°56	26°27	7°20	10°D10	8°44	19°51	0°10	T 21
F 22	4 25 48	5°47'12	15°48	21° 8	5°54	19° 3	17°35	4°46	5°56	26°29	7°22	10°10	8°41	19°57	0° 8	F 22
S 23	4 29 45	6°48'18	29°11	22°38	7° 9	19°49	17°47	4°41	5°57	26°31	7°24	10°11	8°38	20° 4	0° 5	S 23
S 24	4 33 41	7°49'25	12♎18	24° 8	8°23	20°35	17°59	4°36	5°58	26°33	7°26	10°R11	8°35	20°11	0° 3	S 24
M25	4 37 38	8°50'33	25°11	25°39	9°38	21°21	18°12	4°31	5°58	26°35	7°28	10°10	8°32	20°17	0° 1	M25
T 26	4 41 34	9°51'41	7♏52	27°10	10°52	22° 7	18°25	4°26	5°59	26°37	7°30	10° 6	8°28	20°24	29♈59	T 26
W27	4 45 31	10°52'50	20°23	28°41	12° 7	22°53	18°37	4°21	6° 0	26°40	7°33	10° 0	8°25	20°31	29°57	W27
T 28	4 49 27	11°54'01	2♐45	0♐13	13°22	23°39	18°50	4°16	6° 1	26°42	7°35	9°51	8°22	20°38	29°55	T 28
F 29	4 53 24	12°55'11	14°58	1°44	14°36	24°25	19° 3	4°11	6° 2	26°44	7°37	9°39	8°19	20°44	29°53	F 29
S 30	4 57 21	13♐56'22	27♐ 4	3♐16	15♏51	25♐11	19♑16	4♊ 6	6♓ 3	26♐46	7♏39	9♈26	8♈16	20♑51	29♈51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s16	25s41	4s15	7s49	2n24	2s19	1n49	21s32	0s38	23s21	0s29	19n41	1s50	10s 8	0s47	22s30	1n 1	0n 2	14n36	4n30	3n54	27s27	12n 5	0n11
S 2	16 34	27 51	4 47	7 58	2 26	2 47	1 50	21 41	0 39	23 20	0 29	19 41	1 50	10 8	0 47	22 30	1 1	0 2	14 36	4 28	3 53	27 26	12 4	0 11
S 3	16 52	28 39	5 5	8 11	2 27	3 15	1 50	21 50	0 39	23 19	0 29	19 40	1 50	10 8	0 47	22 30	1 1	0 1	14 36	4 25	3 52	27 25	12 3	0 11
M 4	17 9	28 7	5 10	8 27	2 27	3 44	1 50	21 59	0 40	23 18	0 29	19 39	1 50	10 8	0 47	22 30	1 1	0 0	14 37	4 23	3 50	27 24	12 2	0 11
T 5	17 26	26 17	5 2	8 47	2 26	4 12	1 51	22 7	0 40	23 17	0 29	19 38	1 50	10 8	0 47	22 30	1 1	0s 0	14 37	4 21	3 49	27 23	12 1	0 11
W 6	17 43	23 18	4 40	9 10	2 24	4 41	1 51	22 16	0 41	23 16	0 29	19 38	1 50	10 8	0 47	22 30	1 1	0 1	14 37	4 20	3 48	27 22	11 59	0 11
T 7	17 59	19 20	4 7	9 34	2 21	5 9	1 51	22 24	0 42	23 15	0 29	19 37	1 50	10 8	0 47	22 30	1 0	0 2	14 37	4 20	3 47	27 21	11 58	0 11
F 8	18 15	14 33	3 22	10 1	2 17	5 37	1 51	22 31	0 42	23 14	0 29	19 36	1 50	10 8	0 47	22 30	1 0	0 3	14 37	4 20	3 45	27 20	11 57	0 11
S 9	18 31	9 6	2 27	10 29	2 13	6 5	1 51	22 39	0 43	23 12	0 30	19 35	1 50	10 8	0 47	22 30	1 0	0 3	14 37	4 20	3 44	27 19	11 56	0 11
S 10	18 46	3 9	1 24	10 59	2 8	6 33	1 51	22 46	0 43	23 11	0 30	19 34	1 50	10 8	0 47	22 30	1 0	0 4	14 37	4 21	3 43	27 18	11 55	0 11
M11	19 2	3n 6	0 14	11 29	2 3	7 1	1 50	22 53	0 43	23 10	0 30	19 34	1 50	10 8	0 47	22 30	1 0	0 4	14 37	4 21	3 42	27 17	11 54	0 11
T 12	19 16	9 25	0n58	12 1	1 57	7 29	1 50	23 0	0 44	23 9	0 30	19 33	1 50	10 8	0 47	22 31	1 0	0 5	14 37	4 21	3 40	27 16	11 53	0 11
W13	19 31	15 30	2 9	12 33	1 51	7 57	1 50	23 7	0 44	23 7	0 30	19 32	1 50	10 8	0 47	22 31	1 0	0 6	14 37	4 20	3 39	27 15	11 52	0 10
T 14	19 45	20 56	3 14	13 5	1 45	8 24	1 49	23 13	0 45	23 6	0 30	19 31	1 50	10 8	0 47	22 31	1 0	0 6	14 37	4 18	3 38	27 13	11 51	0 10
F 15	19 58	25 13	4 8	13 37	1 38	8 51	1 49	23 19	0 45	23 5	0 30	19 30	1 50	10 7	0 47	22 31	1 0	0 7	14 37	4 16	3 37	27 12	11 50	0 10
S 16	20 12	27 53	4 46	14 10	1 32	9 19	1 48	23 25	0 46	23 3	0 30	19 30	1 50	10 7	0 46	22 31	1 0	0 7	14 38	4 13	3 35	27 11	11 49	0 10
S 17	20 25	28 34	5 5	14 42	1 25	9 46	1 47	23 31	0 46	23 2	0 30	19 29	1 50	10 7	0 46	22 31	1 0	0 8	14 38	4 9	3 34	27 10	11 48	0 10
M18	20 37	27 12	5 3	15 15	1 18	10 12	1 46	23 36	0 47	23 0	0 30	19 28	1 50	10 7	0 46	22 31	1 0	0 9	14 38	4 7	3 33	27 9	11 47	0 10
T 19	20 49	23 59	4 41	15 47	1 11	10 39	1 45	23 41	0 47	22 59	0 30	19 27	1 50	10 7	0 46	22 31	1 0	0 9	14 38	4 4	3 32	27 8	11 46	0 10
W20	21 1	19 20	4 2	16 19	1 3	11 5	1 44	23 46	0 48	22 57	0 30	19 26	1 50	10 7	0 46	22 31	1 0	0 10	14 38	4 3	3 30	27 6	11 46	0 10
T 21	21 12	13 44	3 9	16 50	0 56	11 31	1 43	23 51	0 48	22 56	0 30	19 25	1 50	10 6	0 46	22 31	1 0	0 10	14 38	4 3	3 29	27 5	11 45	0 10
F 22	21 23	7 35	2 7	17 21	0 49	11 57	1 42	23 55	0 49	22 54	0 30	19 25	1 50	10 6	0 46	22 31	1 0	0 11	14 38	4 3	3 28	27 4	11 44	0 10
S 23	21 34	1 13	0 59	17 51	0 42	12 23	1 41	24 0	0 49	22 53	0 30	19 24	1 49	10 6	0 46	22 31	1 0	0 11	14 39	4 3	3 26	27 3	11 43	0 10
S 24	21 44	5s 4	0s11	18 21	0 34	12 48	1 40	24 3	0 49	22 51	0 30	19 23	1 49	10 5	0 46	22 32	1 0	0 12	14 39	4 3	3 25	27 2	11 42	0 10
M25	21 54	11 2	1 19	18 50	0 27	13 13	1 39	24 7	0 50	22 49	0 30	19 22	1 49	10 5	0 46	22 32	1 0	0 12	14 39	4 3	3 24	27 0	11 41	0 9
T 26	22 3	16 27	2 22	19 18	0 20	13 38	1 37	24 10	0 50	22 48	0 30	19 21	1 49	10 5	0 46	22 32	1 0	0 13	14 39	4 1	3 23	26 59	11 40	0 9
W27	22 12	21 6	3 17	19 46	0 13	14 2	1 36	24 13	0 51	22 46	0 30	19 21	1 49	10 4	0 46	22 32	1 0	0 13	14 39	3 59	3 21	26 58	11 39	0 9
T 28	22 20	24 46	4 2	20 13	0 6	14 26	1 34	24 16	0 51	22 44	0 30	19 20	1 49	10 4	0 46	22 32	1 0	0 14	14 40	3 55	3 20	26 57	11 39	0 9
F 29	22 28	27 16	4 35	20 39	0s 1	14 50	1 33	24 19	0 52	22 43	0 30	19 19	1 49	10 4	0 46	22 32	1 0	0 14	14 40	3 51	3 19	26 56	11 38	0 9
S 30	22s36	28s27	4s55	21s 4	0s 8	15s13	1n31	24s21	0s52	22s41	0s30	19n18	1s49	10s 3	0s46	22s32	1n 0	0s14	14n40	3n46	3n18	26s54	11n37	0n 9

Julian Day Number = 2086612.5, Delta T = 24m19s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'51, Lahiri = 9°55'51 Julian Calendar 1 Nov. 1000 == Greg. Calendar 7 Nov. 1000

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ASTRODIENST EPHEMERIS for the year 1000
geocentric

DECEMBER 1000 C.E.JC 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 1 17	14♐57'34	9♑ 3	4♐49	17♏ 6	25♐57	19♑28	4°R 2	6♓ 4	26♐48	7♏41	9°R13	8♈13	20♑58	29°R49	S 1
M 2	5 5 14	15°58'46	20°56	6°21	18°20	26°44	19°41	3♊57	6° 5	26°51	7°43	9♈ 1	8° 9	21° 5	29♈47	M 2
T 3	5 9 10	16°59'58	2♒47	7°54	19°35	27°30	19°55	3°52	6° 6	26°53	7°45	8°51	8° 6	21°11	29°45	T 3
W 4	5 13 7	18° 1'10	14°37	9°27	20°50	28°16	20° 8	3°47	6° 8	26°55	7°47	8°43	8° 3	21°18	29°43	W 4
T 5	5 17 3	19° 2'22	26°30	11° 0	22° 5	29° 3	20°21	3°43	6° 9	26°57	7°49	8°38	8° 0	21°25	29°42	T 5
F 6	5 21 0	20° 3'35	8♓31	12°33	23°19	29°49	20°34	3°38	6°10	27° 0	7°51	8°35	7°57	21°31	29°40	F 6
S 7	5 24 56	21° 4'47	20°44	14° 7	24°34	0♑35	20°47	3°33	6°12	27° 2	7°53	8°D34	7°53	21°38	29°38	S 7
S 8	5 28 53	22° 5'59	3♈16	15°41	25°49	1°22	21° 1	3°29	6°13	27° 4	7°55	8°R35	7°50	21°45	29°37	S 8
M 9	5 32 50	23° 7'11	16°10	17°15	27° 4	2° 8	21°14	3°24	6°15	27° 7	7°56	8°34	7°47	21°52	29°35	M 9
T 10	5 36 46	24° 8'22	29°32	18°49	28°19	2°55	21°27	3°20	6°16	27° 9	7°58	8°33	7°44	21°58	29°34	T 10
W11	5 40 43	25° 9'34	13♉23	20°24	29°34	3°42	21°41	3°15	6°18	27°11	8° 0	8°29	7°41	22° 5	29°33	W11
T 12	5 44 39	26°10'45	27°45	21°59	0♐48	4°28	21°54	3°11	6°19	27°13	8° 2	8°22	7°38	22°12	29°31	T 12
F 13	5 48 36	27°11'57	12♊32	23°35	2° 3	5°15	22° 8	3° 7	6°21	27°16	8° 4	8°13	7°34	22°18	29°30	F 13
S 14	5 52 32	28°13'08	27°39	25°10	3°18	6° 2	22°22	3° 2	6°23	27°18	8° 5	8° 1	7°31	22°25	29°29	S 14
S 15	5 56 29	29°14'19	12♋55	26°47	4°33	6°48	22°35	2°58	6°24	27°20	8° 7	7°50	7°28	22°32	29°28	S 15
M16	6 0 26	0♑15'30	28° 9	28°23	5°48	7°35	22°49	2°54	6°26	27°22	8° 9	7°39	7°25	22°39	29°26	M16
T 17	6 4 22	1°16'41	13♌10	29°59	7° 3	8°22	23° 3	2°50	6°28	27°25	8°11	7°30	7°22	22°45	29°25	T 17
W18	6 8 19	2°17'52	27°50	1♑37	8°18	9° 9	23°16	2°46	6°30	27°27	8°12	7°24	7°19	22°52	29°24	W18
T 19	6 12 15	3°19'03	12♍ 4	3°15	9°33	9°55	23°30	2°42	6°32	27°29	8°14	7°21	7°15	22°59	29°23	T 19
F 20	6 16 12	4°20'14	25°52	4°53	10°48	10°42	23°44	2°38	6°34	27°32	8°15	7°20	7°12	23° 6	29°23	F 20
S 21	6 20 8	5°21'25	9♎15	6°32	12° 3	11°29	23°58	2°34	6°36	27°34	8°17	7°20	7° 9	23°12	29°22	S 21
S 22	6 24 5	6°22'36	22°16	8°11	13°18	12°16	24°12	2°31	6°38	27°36	8°19	7°19	7° 6	23°19	29°21	S 22
M23	6 28 1	7°23'47	4♏58	9°50	14°33	13° 3	24°26	2°27	6°40	27°38	8°20	7°17	7° 3	23°26	29°20	M23
T 24	6 31 58	8°24'57	17°27	11°30	15°48	13°50	24°40	2°23	6°42	27°41	8°21	7°13	6°59	23°32	29°20	T 24
W25	6 35 55	9°26'08	29°44	13°11	17° 3	14°37	24°54	2°20	6°44	27°43	8°23	7° 5	6°56	23°39	29°19	W25
T 26	6 39 51	10°27'18	11♐52	14°52	18°18	15°24	25° 8	2°17	6°46	27°45	8°24	6°54	6°53	23°46	29°19	T 26
F 27	6 43 48	11°28'27	23°54	16°33	19°33	16°11	25°22	2°13	6°49	27°47	8°26	6°41	6°50	23°53	29°18	F 27
S 28	6 47 44	12°29'36	5♑52	18°15	20°48	16°58	25°36	2°10	6°51	27°49	8°27	6°26	6°47	23°59	29°18	S 28
S 29	6 51 41	13°30'45	17°46	19°57	22° 3	17°45	25°50	2° 7	6°53	27°52	8°28	6°11	6°44	24° 6	29°17	S 29
M30	6 55 37	14°31'53	29°38	21°39	23°18	18°33	26° 4	2° 4	6°56	27°54	8°30	5°56	6°40	24°13	29°17	M30
T 31	6 59 34	15♑33'00	11♒29	23♑22	24♐33	19♑20	26♑18	2♊ 1	6♓58	27♐56	8♏31	5♈44	6♈37	24♑19	29♈17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s43	28s17	5s 2	21s28	0s15	15s36	1n29	24s23	0s52	22s39	0s30	19n18	1s49	10s 3	0s46	22s32	1n 0	0s15	14n40	3n40	3n16	26s53	11n36	0n 9
M 2	22 50	26 47	4 55	21 51	0 22	15 59	1 28	24 25	0 53	22 37	0 31	19 17	1 48	10 2	0 46	22 32	1 0	0 15	14 41	3 36	3 15	26 52	11 36	0 9
T 3	22 56	24 7	4 36	22 13	0 28	16 21	1 26	24 26	0 53	22 35	0 31	19 16	1 48	10 2	0 46	22 32	1 0	0 16	14 41	3 31	3 14	26 50	11 35	0 9
W 4	23 2	20 27	4 5	22 34	0 35	16 43	1 24	24 27	0 53	22 33	0 31	19 15	1 48	10 1	0 46	22 32	1 0	0 16	14 41	3 28	3 13	26 49	11 34	0 9
T 5	23 7	15 56	3 23	22 54	0 41	17 4	1 22	24 28	0 54	22 32	0 31	19 15	1 48	10 1	0 46	22 32	1 0	0 16	14 41	3 26	3 11	26 48	11 34	0 9
F 6	23 12	10 46	2 32	23 12	0 47	17 25	1 20	24 28	0 54	22 30	0 31	19 14	1 48	10 0	0 46	22 32	1 0	0 17	14 42	3 25	3 10	26 47	11 33	0 8
S 7	23 16	5 7	1 33	23 30	0 53	17 45	1 18	24 29	0 55	22 28	0 31	19 13	1 48	10 0	0 46	22 32	1 0	0 17	14 42	3 25	3 9	26 45	11 32	0 8
S 8	23 20	0n52	0 28	23 47	0 59	18 5	1 16	24 29	0 55	22 26	0 31	19 12	1 48	9 59	0 46	22 32	1 0	0 17	14 42	3 25	3 8	26 44	11 32	0 8
M 9	23 23	7 1	0n40	24 2	1 5	18 25	1 14	24 28	0 55	22 24	0 31	19 12	1 47	9 59	0 46	22 33	1 0	0 17	14 43	3 25	3 6	26 43	11 31	0 8
T 10	23 26	13 3	1 48	24 16	1 10	18 44	1 12	24 28	0 56	22 22	0 31	19 11	1 47	9 58	0 46	22 33	1 0	0 18	14 43	3 24	3 5	26 41	11 30	0 8
W11	23 29	18 41	2 53	24 29	1 16	19 2	1 10	24 27	0 56	22 19	0 31	19 10	1 47	9 57	0 46	22 33	1 0	0 18	14 43	3 23	3 4	26 40	11 30	0 8
T 12	23 31	23 29	3 49	24 40	1 21	19 20	1 7	24 26	0 56	22 17	0 31	19 10	1 47	9 57	0 45	22 33	1 0	0 18	14 43	3 20	3 3	26 39	11 29	0 8
F 13	23 32	26 54	4 31	24 50	1 26	19 37	1 5	24 25	0 57	22 15	0 31	19 9	1 47	9 56	0 45	22 33	1 0	0 19	14 44	3 16	3 1	26 37	11 29	0 8
S 14	23 34	28 28	4 55	24 59	1 30	19 54	1 3	24 23	0 57	22 13	0 31	19 8	1 47	9 55	0 45	22 33	1 0	0 19	14 44	3 12	3 0	26 36	11 28	0 8
S 15	23 34	27 54	4 59	25 7	1 35	20 11	1 0	24 21	0 57	22 11	0 31	19 8	1 46	9 55	0 45	22 33	1 0	0 19	14 44	3 7	2 59	26 35	11 28	0 8
M16	23 34	25 14	4 41	25 13	1 39	20 26	0 58	24 19	0 58	22 9	0 31	19 7	1 46	9 54	0 45	22 33	1 0	0 19	14 45	3 3	2 57	26 33	11 27	0 8
T 17	23 34	20 52	4 5	25 17	1 43	20 41	0 56	24 16	0 58	22 6	0 31	19 6	1 46	9 53	0 45	22 33	1 0	0 19	14 45	3 0	2 56	26 32	11 27	0 8
W18	23 33	15 18	3 12	25 20	1 47	20 56	0 53	24 13	0 58	22 4	0 31	19 6	1 46	9 53	0 45	22 33	1 0	0 20	14 45	2 57	2 55	26 30	11 26	0 7
T 19	23 32	9 4	2 9	25 22	1 50	21 10	0 51	24 10	0 58	22 2	0 31	19 5	1 46	9 52	0 45	22 33	1 0	0 20	14 46	2 56	2 54	26 29	11 26	0 7
F 20	23 30	2 34	1 0	25 22	1 53	21 23	0 48	24 7	0 59	21 59	0 32	19 5	1 45	9 51	0 45	22 33	1 0	0 20	14 46	2 55	2 52	26 28	11 26	0 7
S 21	23 28	3s50	0s10	25 20	1 56	21 36	0 46	24 3	0 59	21 57	0 32	19 4	1 45	9 50	0 45	22 33	1 0	0 20	14 47	2 55	2 51	26 26	11 25	0 7
S 22	23 25	9 55	1 18	25 17	1 58	21 48	0 43	23 59	0 59	21 55	0 32	19 4	1 45	9 49	0 45	22 33	1 0	0 20	14 47	2 55	2 50	26 25	11 25	0 7
M23	23 22	15 27	2 20	25 12	2 0	22 0	0 41	23 55	1 0	21 52	0 32	19 3	1 45	9 49	0 45	22 33	1 0	0 20	14 47	2 54	2 49	26 23	11 24	0 7
T 24	23 18	20 14	3 15	25 6	2 2	22 10	0 38	23 50	1 0	21 50	0 32	19 3	1 45	9 48	0 45	22 33	1 0	0 20	14 48	2 53	2 47	26 22	11 24	0 7
W25	23 14	24 5	3 59	24 58	2 3	22 21	0 36	23 46	1 0	21 47	0 32	19 2	1 44	9 47	0 45	22 33	1 0	0 20	14 48	2 50	2 46	26 20	11 24	0 7
T 26	23 9	26 49	4 32	24 48	2 4	22 30	0 33	23 41	1 0	21 45	0 32	19 2	1 44	9 46	0 45	22 33	1 0	0 20	14 48	2 45	2 45	26 19	11 24	0 7
F 27	23 4	28 17	4 52	24 36	2 5	22 39	0 31	23 35	1 1	21 42	0 32	19 1	1 44	9 45	0 45	22 33	1 0	0 20	14 49	2 40	2 44	26 17	11 23	0 7
S 28	22 59	28 25	4 59	24 23	2 5	22 47	0 28	23 30	1 1	21 40	0 32	19 1	1 44	9 44	0 45	22 33	1 0	0 20	14 49	2 34	2 42	26 16	11 23	0 7
S 29	22 53	27 13	4 53	24 8	2 5	22 55	0 25	23 24	1 1	21 37	0 32	19 1	1 43	9 43	0 45	22 34	1 0	0 21	14 50	2 28	2 41	26 15	11 23	0 6
M30	22 46	24 48	4 34	23 51	2 4	23 1	0 23	23 18	1 1	21 35	0 32	19 0	1 43	9 43	0 45	22 34	1 0	0 21	14 50	2 22	2 40	26 13	11 23	0 6
T 31	22s40	21s20	4s 4	23s33	2s 2	23s 7	0n20	23s11	1s 2	21s32	0s32	19n 0	1s43	9s42	0s45	22s34	1n 0	0s21	14n50	2n17	2n39	26s12	11n23	0n 6

Julian Day Number = 2086642.5, Delta T = 24m18s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'55, Lahiri = 9°55'56 Julian Calendar 1 Dec. 1000 == Greg. Calendar 7 Dec. 1000

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

JANUARY 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 3 30	16♉34'06	23♒20	25♉ 5	25♐48	20♉ 7	26♉33	1°R58	7♓ 1	27♐58	8♏32	5°R34	6♈34	24♉26	29°R17	W 1
T 2	7 7 27	17°35'11	5♓15	26°48	27° 3	20°54	26°47	1♊56	7° 3	28° 0	8°33	5♈28	6°31	24°33	29♈17	T 2
F 3	7 11 24	18°36'15	17°17	28°32	28°18	21°41	27° 1	1°53	7° 6	28° 3	8°35	5°24	6°28	24°40	29°D17	F 3
S 4	7 15 20	19°37'18	29°30	0♒15	29°33	22°28	27°15	1°50	7° 8	28° 5	8°36	5°23	6°25	24°46	29°17	S 4
S 5	7 19 17	20°38'20	11♈57	1°58	0♉48	23°16	27°29	1°48	7°11	28° 7	8°37	5°D23	6°21	24°53	29°17	S 5
M 6	7 23 13	21°39'21	24°46	3°41	2° 3	24° 3	27°44	1°46	7°13	28° 9	8°38	5°R23	6°18	25° 0	29°17	M 6
T 7	7 27 10	22°40'20	7♉59	5°24	3°18	24°50	27°58	1°44	7°16	28°11	8°39	5°22	6°15	25° 6	29°17	T 7
W 8	7 31 6	23°41'18	21°40	7° 5	4°33	25°37	28°12	1°41	7°19	28°13	8°40	5°19	6°12	25°13	29°18	W 8
T 9	7 35 3	24°42'15	5♊52	8°46	5°48	26°25	28°27	1°39	7°21	28°15	8°41	5°13	6° 9	25°20	29°18	T 9
F 10	7 38 59	25°43'11	20°32	10°25	7° 3	27°12	28°41	1°38	7°24	28°17	8°42	5° 5	6° 5	25°27	29°18	F 10
S 11	7 42 56	26°44'05	5♋35	12° 3	8°18	27°59	28°55	1°36	7°27	28°20	8°43	4°55	6° 2	25°33	29°19	S 11
S 12	7 46 53	27°44'59	20°54	13°38	9°33	28°47	29° 9	1°34	7°30	28°22	8°43	4°45	5°59	25°40	29°19	S 12
M13	7 50 49	28°45'51	6♌16	15°11	10°48	29°34	29°24	1°32	7°33	28°24	8°44	4°35	5°56	25°47	29°20	M13
T 14	7 54 46	29°46'41	21°30	16°41	12° 3	0♒21	29°38	1°31	7°35	28°26	8°45	4°27	5°53	25°53	29°21	T 14
W15	7 58 42	0♒47'31	6♍25	18° 8	13°18	1° 9	29°52	1°30	7°38	28°28	8°46	4°21	5°50	26° 0	29°21	W15
T 16	8 2 39	1°48'19	20°55	19°30	14°32	1°56	0♒ 7	1°28	7°41	28°30	8°47	4°18	5°46	26° 7	29°22	T 16
F 17	8 6 35	2°49'07	4♎56	20°46	15°47	2°43	0°21	1°27	7°44	28°32	8°47	4°D18	5°43	26°14	29°23	F 17
S 18	8 10 32	3°49'53	18°29	21°58	17° 2	3°31	0°35	1°26	7°47	28°34	8°48	4°18	5°40	26°20	29°24	S 18
S 19	8 14 28	4°50'38	1♏35	23° 3	18°17	4°18	0°49	1°25	7°50	28°35	8°48	4°R19	5°37	26°27	29°25	S 19
M20	8 18 25	5°51'23	14°19	24° 0	19°32	5° 6	1° 4	1°25	7°53	28°37	8°49	4°19	5°34	26°34	29°26	M20
T 21	8 22 22	6°52'06	26°44	24°50	20°47	5°53	1°18	1°24	7°56	28°39	8°50	4°16	5°31	26°40	29°27	T 21
W22	8 26 18	7°52'48	8♐56	25°31	22° 2	6°40	1°32	1°23	7°59	28°41	8°50	4°12	5°27	26°47	29°28	W22
T 23	8 30 15	8°53'29	20°58	26° 3	23°17	7°28	1°47	1°23	8° 2	28°43	8°51	4° 5	5°24	26°54	29°29	T 23
F 24	8 34 11	9°54'09	2♑54	26°25	24°32	8°15	2° 1	1°23	8° 6	28°45	8°51	3°56	5°21	27° 1	29°30	F 24
S 25	8 38 8	10°54'47	14°46	26°36	25°47	9° 3	2°15	1°22	8° 9	28°47	8°51	3°45	5°18	27° 7	29°32	S 25
S 26	8 42 4	11°55'24	26°37	26°R38	27° 2	9°50	2°29	1°D22	8°12	28°48	8°52	3°34	5°15	27°14	29°33	S 26
M27	8 46 1	12°55'59	8♒29	26°28	28°17	10°37	2°43	1°22	8°15	28°50	8°52	3°24	5°11	27°21	29°34	M27
T 28	8 49 58	13°56'33	20°23	26° 9	29°32	11°25	2°58	1°22	8°18	28°52	8°52	3°15	5° 8	27°27	29°36	T 28
W29	8 53 54	14°57'05	2♓20	25°40	0♒47	12°12	3°12	1°23	8°21	28°54	8°53	3° 9	5° 5	27°34	29°37	W29
T 30	8 57 51	15°57'35	14°22	25° 2	2° 2	13° 0	3°26	1°23	8°25	28°55	8°53	3° 4	5° 2	27°41	29°39	T 30
F 31	9 1 47	16♒58'03	26♓32	24♒15	3♒17	13♒47	3♒40	1♊23	8♓28	28♐57	8♏53	3♈ 2	4♈59	27♉48	29♈41	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s32	17s 0	3s23	23s13	2s 1	23s13	0n18	23s 4	1s 2	21s29	0s32	18n59	1s43	9s41	0s45	22s34	1n 0	0s21	14n51	2n14	2n37	26s10	11n23	0n 6
T 2	22 24	11 59	2 32	22 51	1 58	23 17	0 15	22 57	1 2	21 27	0 32	18 59	1 43	9 40	0 45	22 34	1 0	0 20	14 51	2 11	2 36	26 9	11 22	0 6
F 3	22 16	6 30	1 34	22 27	1 55	23 21	0 12	22 50	1 2	21 24	0 33	18 59	1 42	9 39	0 45	22 34	1 0	0 20	14 52	2 9	2 35	26 7	11 22	0 6
S 4	22 8	0 41	0 31	22 1	1 52	23 25	0 10	22 43	1 2	21 21	0 33	18 59	1 42	9 38	0 45	22 34	1 0	0 20	14 52	2 9	2 34	26 6	11 22	0 6
S 5	21 59	5n17	0n35	21 34	1 47	23 27	0 7	22 35	1 3	21 19	0 33	18 58	1 42	9 37	0 45	22 34	1 0	0 20	14 52	2 9	2 32	26 4	11 22	0 6
M 6	21 49	11 12	1 41	21 6	1 42	23 29	0 4	22 27	1 3	21 16	0 33	18 58	1 42	9 36	0 45	22 34	1 0	0 20	14 53	2 9	2 31	26 2	11 22	0 6
T 7	21 39	16 49	2 44	20 35	1 37	23 30	0 2	22 19	1 3	21 13	0 33	18 58	1 41	9 35	0 45	22 34	1 0	0 20	14 53	2 8	2 30	26 1	11 22	0 6
W 8	21 29	21 48	3 39	20 4	1 30	23 30	0s 1	22 10	1 3	21 10	0 33	18 58	1 41	9 34	0 45	22 34	1 0	0 20	14 54	2 7	2 28	25 59	11 22	0 6
T 9	21 18	25 44	4 24	19 30	1 23	23 30	0 3	22 1	1 3	21 8	0 33	18 58	1 41	9 33	0 45	22 34	1 0	0 20	14 54	2 5	2 27	25 58	11 22	0 6
F 10	21 7	28 6	4 53	18 56	1 16	23 29	0 6	21 52	1 3	21 5	0 33	18 57	1 41	9 32	0 45	22 34	1 0	0 20	14 55	2 2	2 26	25 56	11 22	0 5
S 11	20 55	28 29	5 2	18 21	1 7	23 27	0 8	21 43	1 4	21 2	0 33	18 57	1 40	9 31	0 45	22 34	1 0	0 20	14 55	1 58	2 25	25 55	11 22	0 5
S 12	20 44	26 43	4 50	17 44	0 57	23 24	0 11	21 33	1 4	20 59	0 33	18 57	1 40	9 30	0 45	22 34	1 0	0 19	14 56	1 54	2 23	25 53	11 23	0 5
M13	20 31	22 58	4 18	17 7	0 47	23 21	0 13	21 24	1 4	20 56	0 33	18 57	1 40	9 28	0 44	22 34	1 0	0 19	14 56	1 50	2 22	25 52	11 23	0 5
T 14	20 19	17 41	3 27	16 29	0 36	23 17	0 16	21 14	1 4	20 53	0 33	18 57	1 40	9 27	0 44	22 34	1 0	0 19	14 56	1 47	2 21	25 50	11 23	0 5
W15	20 5	11 25	2 23	15 52	0 24	23 13	0 18	21 3	1 4	20 50	0 34	18 57	1 39	9 26	0 44	22 34	1 0	0 19	14 57	1 44	2 20	25 48	11 23	0 5
T 16	19 52	4 42	1 11	15 14	0 11	23 7	0 21	20 53	1 4	20 47	0 34	18 57	1 39	9 25	0 44	22 34	1 0	0 19	14 57	1 43	2 18	25 47	11 23	0 5
F 17	19 38	2s 2	0s 3	14 37	0n 2	23 1	0 23	20 42	1 4	20 44	0 34	18 57	1 39	9 24	0 44	22 34	1 0	0 18	14 58	1 43	2 17	25 45	11 23	0 5
S 18	19 24	8 26	1 15	14 0	0 17	22 54	0 26	20 31	1 4	20 41	0 34	18 57	1 39	9 23	0 44	22 34	1 0	0 18	14 58	1 43	2 16	25 44	11 24	0 5
S 19	19 10	14 17	2 20	13 25	0 32	22 47	0 28	20 20	1 4	20 38	0 34	18 57	1 38	9 22	0 44	22 34	1 0	0 18	14 59	1 43	2 15	25 42	11 24	0 5
M20	18 55	19 21	3 17	12 51	0 47	22 38	0 30	20 9	1 5	20 35	0 34	18 57	1 38	9 21	0 44	22 34	1 0	0 18	14 59	1 43	2 13	25 40	11 24	0 5
T 21	18 39	23 28	4 2	12 19	1 3	22 30	0 33	19 57	1 5	20 32	0 34	18 57	1 38	9 19	0 44	22 34	1 0	0 17	15 0	1 42	2 12	25 39	11 25	0 5
W22	18 24	26 27	4 36	11 50	1 20	22 20	0 35	19 45	1 5	20 29	0 34	18 58	1 38	9 18	0 44	22 34	1 0	0 17	15 0	1 41	2 11	25 37	11 25	0 4
T 23	18 8	28 12	4 57	11 24	1 36	22 10	0 37	19 33	1 5	20 26	0 34	18 58	1 37	9 17	0 44	22 34	1 0	0 17	15 0	1 38	2 9	25 35	11 25	0 4
F 24	17 52	28 37	5 5	11 1	1 53	21 59	0 39	19 21	1 5	20 23	0 34	18 58	1 37	9 16	0 44	22 34	1 0	0 17	15 1	1 34	2 8	25 34	11 26	0 4
S 25	17 35	27 42	4 59	10 42	2 9	21 47	0 42	19 8	1 5	20 20	0 35	18 58	1 37	9 15	0 44	22 34	1 0	0 16	15 1	1 30	2 7	25 32	11 26	0 4
S 26	17 19	25 32	4 41	10 26	2 25	21 35	0 44	18 56	1 5	20 16	0 35	18 58	1 37	9 13	0 44	22 34	1 0	0 16	15 2	1 26	2 6	25 30	11 26	0 4
M27	17 1	22 16	4 10	10 15	2 40	21 22	0 46	18 43	1 5	20 13	0 35	18 59	1 36	9 12	0 44	22 34	1 0	0 16	15 2	1 22	2 4	25 29	11 27	0 4
T 28	16 44	18 4	3 29	10 8	2 54	21 8	0 48	18 30	1 5	20 10	0 35	18 59	1 36	9 11	0 44	22 34	1 0	0 15	15 3	1 18	2 3	25 27	11 27	0 4
W29	16 26	13 9	2 38	10 6	3 7	20 54	0 50	18 16	1 5	20 7	0 35	18 59	1 36	9 10	0 44	22 34	1 0	0 15	15 3	1 15	2 2	25 25	11 28	0 4
T 30	16 8	7 42	1 39	10 8	3 19	20 40	0 52	18 3	1 5	20 4	0 35	18 59	1 36	9 9	0 44	22 34	1 0	0 14	15 4	1 14	2 1	25 24	11 28	0 4
F 31	15s50	1s55	0s35	10s14	3n29	20s24	0s54	17s49	1s 5	20s 1	0s35	19n 0	1s35	9s 7	0s44	22s34	1n 0	0s14	15n 4	1n13	1n59	25s22	11n29	0n 4

Julian Day Number = 2086673.5, Delta T = 24m18s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°48'59, Lahiri = 9°56'00 Julian Calendar 1 Jan. 1001 == Greg. Calendar 7 Jan. 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

FEBRUARY 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 5 44	17♒58'30	8♈52	23°R22	4♒31	14♒34	3♒54	1♊24	8♓31	28♐59	8♏53	3°D 2	4♈56	27♉54	29♈42	S 1
S 2	9 9 40	18°58'54	21°25	22♒23	5°46	15°22	4° 8	1°25	8°34	29° 0	8°53	3♈ 3	4°52	28° 1	29°44	S 2
M 3	9 13 37	19°59'17	4♉15	21°21	7° 1	16° 9	4°22	1°25	8°38	29° 2	8°53	3° 5	4°49	28° 8	29°46	M 3
T 4	9 17 33	20°59'38	17°25	20°16	8°16	16°56	4°36	1°26	8°41	29° 4	8°R53	3°R 6	4°46	28°14	29°48	T 4
W 5	9 21 30	21°59'56	0♊58	19°11	9°31	17°44	4°50	1°27	8°44	29° 5	8°53	3° 5	4°43	28°21	29°50	W 5
T 6	9 25 26	23° 0'13	14°57	18° 7	10°46	18°31	5° 4	1°28	8°48	29° 7	8°53	3° 3	4°40	28°28	29°52	T 6
F 7	9 29 23	24° 0'28	29°21	17° 5	12° 0	19°18	5°18	1°30	8°51	29° 8	8°53	3° 0	4°37	28°35	29°54	F 7
S 8	9 33 20	25° 0'40	14♋ 6	16° 7	13°15	20° 6	5°32	1°31	8°54	29°10	8°53	2°55	4°33	28°41	29°56	S 8
S 9	9 37 16	26° 0'50	29° 8	15°14	14°30	20°53	5°46	1°33	8°58	29°11	8°53	2°49	4°30	28°48	29°58	S 9
M10	9 41 13	27° 0'59	14♌18	14°26	15°45	21°40	6° 0	1°34	9° 1	29°13	8°53	2°44	4°27	28°55	0♉ 0	M10
T 11	9 45 9	28° 1'05	29°25	13°44	17° 0	22°28	6°14	1°36	9° 5	29°14	8°53	2°39	4°24	29° 1	0° 2	T 11
W12	9 49 6	29° 1'09	14♍21	13° 9	18°14	23°15	6°28	1°38	9° 8	29°15	8°52	2°36	4°21	29° 8	0° 5	W12
T 13	9 53 2	0♓ 1'12	28°56	12°41	19°29	24° 2	6°41	1°40	9°11	29°17	8°52	2°D35	4°17	29°15	0° 7	T 13
F 14	9 56 59	1° 1'12	13♎ 6	12°20	20°44	24°49	6°55	1°42	9°15	29°18	8°52	2°36	4°14	29°22	0° 9	F 14
S 15	10 0 55	2° 1'11	26°49	12° 5	21°59	25°37	7° 9	1°44	9°18	29°19	8°51	2°37	4°11	29°28	0°12	S 15
S 16	10 4 52	3° 1'09	10♏ 4	11°57	23°13	26°24	7°22	1°46	9°22	29°21	8°51	2°38	4° 8	29°35	0°14	S 16
M17	10 8 49	4° 1'04	22°55	11°D56	24°28	27°11	7°36	1°48	9°25	29°22	8°51	2°40	4° 5	29°42	0°17	M17
T 18	10 12 45	5° 0'58	5♐25	12° 1	25°43	27°58	7°49	1°51	9°28	29°23	8°50	2°R40	4° 2	29°48	0°19	T 18
W19	10 16 42	6° 0'51	17°39	12°11	26°57	28°45	8° 3	1°53	9°32	29°24	8°50	2°40	3°58	29°55	0°22	W19
T 20	10 20 38	7° 0'41	29°40	12°28	28°12	29°33	8°16	1°56	9°35	29°25	8°49	2°38	3°55	0♒ 2	0°24	T 20
F 21	10 24 35	8° 0'30	11♑35	12°49	29°27	0♓20	8°30	1°59	9°39	29°26	8°49	2°35	3°52	0° 9	0°27	F 21
S 22	10 28 31	9° 0'17	23°25	13°16	0♓42	1° 7	8°43	2° 1	9°42	29°28	8°48	2°31	3°49	0°15	0°30	S 22
S 23	10 32 28	10° 0'02	5♒16	13°47	1°56	1°54	8°56	2° 4	9°46	29°29	8°47	2°27	3°46	0°22	0°33	S 23
M24	10 36 24	10°59'45	17°10	14°22	3°11	2°41	9°10	2° 8	9°49	29°30	8°47	2°23	3°43	0°29	0°35	M24
T 25	10 40 21	11°59'26	29° 8	15° 2	4°25	3°28	9°23	2°11	9°52	29°31	8°46	2°20	3°39	0°35	0°38	T 25
W26	10 44 18	12°59'05	11♓14	15°45	5°40	4°15	9°36	2°14	9°56	29°32	8°45	2°18	3°36	0°42	0°41	W26
T 27	10 48 14	13°58'42	23°29	16°33	6°55	5° 2	9°49	2°17	9°59	29°32	8°45	2°17	3°33	0°49	0°44	T 27
F 28	10 52 11	14♓58'17	5♈53	17♒23	8♓ 9	5♓49	10♒ 2	2♊21	10♓ 3	29♐33	8♏44	2°D17	3♈30	0♒55	0♉47	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s32	4n 1	0n32	10s24	3n36	20s 8	0s56	17s35	1s 5	19s57	0s35	19n 0	1s35	9s 6	0s44	22s34	1n 0	0s14	15n 5	1n13	1n58	25s20	11n29	0n 4
S 2	15 13	9 55	1 38	10 37	3 42	19 52	0 57	17 21	1 5	19 54	0 35	19 1	1 35	9 5	0 44	22 34	1 0	0 13	15 5	1 13	1 57	25 18	11 30	0 4
M 3	14 54	15 32	2 41	10 54	3 46	19 34	0 59	17 7	1 5	19 51	0 35	19 1	1 34	9 4	0 44	22 34	1 0	0 13	15 6	1 14	1 56	25 17	11 30	0 4
T 4	14 35	20 35	3 37	11 13	3 47	19 17	1 1	16 53	1 5	19 48	0 36	19 1	1 34	9 2	0 44	22 34	1 0	0 12	15 6	1 14	1 54	25 15	11 31	0 3
W 5	14 15	24 45	4 23	11 34	3 46	18 58	1 3	16 38	1 5	19 44	0 36	19 2	1 34	9 1	0 44	22 34	1 0	0 12	15 6	1 14	1 53	25 13	11 32	0 3
T 6	13 55	27 36	4 55	11 57	3 43	18 40	1 4	16 23	1 5	19 41	0 36	19 2	1 34	9 0	0 44	22 34	1 0	0 12	15 7	1 13	1 52	25 11	11 32	0 3
F 7	13 36	28 44	5 10	12 20	3 38	18 20	1 6	16 8	1 5	19 38	0 36	19 3	1 33	8 59	0 44	22 34	1 0	0 11	15 7	1 12	1 50	25 10	11 33	0 3
S 8	13 15	27 52	5 4	12 44	3 31	18 0	1 7	15 53	1 5	19 34	0 36	19 3	1 33	8 57	0 44	22 34	1 0	0 11	15 8	1 10	1 49	25 8	11 33	0 3
S 9	12 55	24 59	4 38	13 8	3 22	17 40	1 9	15 38	1 5	19 31	0 36	19 4	1 33	8 56	0 44	22 34	1 0	0 10	15 8	1 8	1 48	25 6	11 34	0 3
M10	12 34	20 20	3 53	13 32	3 12	17 19	1 10	15 23	1 5	19 28	0 36	19 5	1 33	8 55	0 44	22 34	1 0	0 10	15 9	1 5	1 47	25 4	11 35	0 3
T 11	12 14	14 24	2 51	13 54	3 1	16 58	1 12	15 7	1 5	19 24	0 36	19 5	1 32	8 53	0 44	22 34	1 0	0 9	15 9	1 4	1 45	25 3	11 36	0 3
W12	11 53	7 42	1 38	14 16	2 49	16 36	1 13	14 52	1 5	19 21	0 37	19 6	1 32	8 52	0 44	22 34	1 0	0 9	15 10	1 3	1 44	25 1	11 36	0 3
T 13	11 32	0 44	0 20	14 36	2 36	16 14	1 14	14 36	1 5	19 18	0 37	19 6	1 32	8 51	0 44	22 34	1 0	0 8	15 10	1 2	1 43	24 59	11 37	0 3
F 14	11 10	6s 5	0s57	14 55	2 23	15 51	1 15	14 20	1 4	19 14	0 37	19 7	1 32	8 50	0 44	22 34	1 0	0 8	15 10	1 2	1 42	24 57	11 38	0 3
S 15	10 49	12 23	2 9	15 12	2 9	15 28	1 16	14 4	1 4	19 11	0 37	19 8	1 31	8 48	0 44	22 34	1 0	0 7	15 11	1 3	1 40	24 55	11 39	0 3
S 16	10 27	17 56	3 11	15 27	1 55	15 4	1 17	13 47	1 4	19 8	0 37	19 8	1 31	8 47	0 44	22 34	1 0	0 7	15 11	1 3	1 39	24 53	11 39	0 2
M17	10 5	22 29	4 1	15 41	1 42	14 40	1 18	13 31	1 4	19 4	0 37	19 9	1 31	8 46	0 44	22 34	1 0	0 6	15 12	1 4	1 38	24 52	11 40	0 2
T 18	9 43	25 54	4 39	15 53	1 28	14 16	1 19	13 15	1 4	19 1	0 37	19 10	1 31	8 44	0 44	22 34	1 0	0 6	15 12	1 4	1 37	24 50	11 41	0 2
W19	9 21	28 1	5 3	16 3	1 14	13 51	1 20	12 58	1 4	18 58	0 37	19 11	1 30	8 43	0 44	22 34	1 0	0 5	15 13	1 4	1 35	24 48	11 42	0 2
T 20	8 59	28 47	5 13	16 12	1 0	13 26	1 21	12 41	1 4	18 54	0 38	19 11	1 30	8 42	0 44	22 34	1 0	0 5	15 13	1 3	1 34	24 46	11 43	0 2
F 21	8 37	28 12	5 10	16 18	0 47	13 0	1 22	12 25	1 4	18 51	0 38	19 12	1 30	8 40	0 44	22 34	1 0	0 4	15 13	1 2	1 33	24 44	11 44	0 2
S 22	8 14	26 20	4 53	16 23	0 34	12 35	1 23	12 8	1 3	18 47	0 38	19 13	1 30	8 39	0 44	22 34	1 0	0 3	15 14	1 0	1 31	24 42	11 44	0 2
S 23	7 52	23 19	4 24	16 26	0 22	12 8	1 23	11 50	1 3	18 44	0 38	19 14	1 29	8 38	0 44	22 34	1 0	0 3	15 14	0 59	1 30	24 41	11 45	0 2
M24	7 29	19 19	3 43	16 28	0 9	11 42	1 24	11 33	1 3	18 41	0 38	19 15	1 29	8 37	0 44	22 34	1 0	0 2	15 15	0 57	1 29	24 39	11 46	0 2
T 25	7 6	14 32	2 53	16 27	0s 2	11 15	1 24	11 16	1 3	18 37	0 38	19 15	1 29	8 35	0 44	22 34	1 0	0 2	15 15	0 56	1 28	24 37	11 47	0 2
W26	6 43	9 8	1 53	16 25	0 14	10 48	1 25	10 59	1 3	18 34	0 38	19 16	1 29	8 34	0 44	22 34	1 0	0 1	15 15	0 55	1 26	24 35	11 48	0 2
T 27	6 20	3 21	0 48	16 22	0 25	10 20	1 25	10 41	1 3	18 30	0 39	19 17	1 29	8 33	0 44	22 34	1 0	0 1	15 16	0 55	1 25	24 33	11 49	0 2
F 28	5s57	2n39	0n20	16s16	0s35	9s53	1s26	10s24	1s 2	18s27	0s39	19n18	1s28	8s31	0s44	22s34	1n 1	0n 0	15n16	0n55	1n24	24s31	11n50	0n 2

Julian Day Number = 2086704.5, Delta T = 24m18s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'04, Lahiri = 9°56'04 Julian Calendar 1 Feb. 1001 == Greg. Calendar 7 Feb. 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

MARCH 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 56 7	15♓57'50	18♈29	18♒17	9♓24	6♓36	10♒15	2♊24	10♓ 6	29♐34	8°R43	2♈17	3♈27	1♒ 2	0♉50	S 1
S 2	11 0 4	16°57'21	1♉17	19°13	10°38	7°23	10°28	2°28	10°10	29°35	8♏42	2°18	3°23	1° 9	0°53	S 2
M 3	11 4 0	17°56'49	14°20	20°13	11°53	8°10	10°41	2°32	10°13	29°36	8°41	2°20	3°20	1°16	0°56	M 3
T 4	11 7 57	18°56'15	27°39	21°15	13° 8	8°57	10°53	2°36	10°16	29°37	8°40	2°21	3°17	1°22	0°59	T 4
W 5	11 11 53	19°55'39	11♊14	22°19	14°22	9°43	11° 6	2°40	10°20	29°37	8°39	2°21	3°14	1°29	1° 2	W 5
T 6	11 15 50	20°55'00	25° 7	23°26	15°37	10°30	11°19	2°44	10°23	29°38	8°39	2°R21	3°11	1°36	1° 6	T 6
F 7	11 19 47	21°54'19	9♋18	24°36	16°51	11°17	11°31	2°48	10°27	29°39	8°38	2°21	3° 8	1°42	1° 9	F 7
S 8	11 23 43	22°53'35	23°43	25°47	18° 6	12° 4	11°44	2°52	10°30	29°39	8°37	2°20	3° 4	1°49	1°12	S 8
S 9	11 27 40	23°52'50	8♌21	27° 1	19°20	12°50	11°56	2°56	10°33	29°40	8°36	2°19	3° 1	1°56	1°15	S 9
M10	11 31 36	24°52'01	23° 5	28°16	20°34	13°37	12° 9	3° 1	10°37	29°41	8°34	2°18	2°58	2° 3	1°19	M10
T 11	11 35 33	25°51'11	7♍50	29°34	21°49	14°24	12°21	3° 5	10°40	29°41	8°33	2°18	2°55	2° 9	1°22	T 11
W12	11 39 29	26°50'18	22°27	0♓53	23° 3	15°10	12°33	3°10	10°43	29°42	8°32	2°17	2°52	2°16	1°25	W12
T 13	11 43 26	27°49'23	6♎52	2°14	24°18	15°57	12°45	3°14	10°47	29°42	8°31	2°D17	2°49	2°23	1°29	T 13
F 14	11 47 22	28°48'26	20°57	3°37	25°32	16°43	12°57	3°19	10°50	29°43	8°30	2°17	2°45	2°29	1°32	F 14
S 15	11 51 19	29°47'27	4♏40	5° 2	26°46	17°30	13° 9	3°24	10°53	29°43	8°29	2°18	2°42	2°36	1°36	S 15
S 16	11 55 16	0♈46'26	17°59	6°28	28° 1	18°16	13°21	3°29	10°57	29°43	8°28	2°18	2°39	2°43	1°39	S 16
M17	11 59 12	1°45'23	0♐56	7°56	29°15	19° 3	13°33	3°34	11° 0	29°44	8°26	2°18	2°36	2°49	1°43	M17
T 18	12 3 9	2°44'19	13°31	9°26	0♈29	19°49	13°45	3°39	11° 3	29°44	8°25	2°R18	2°33	2°56	1°46	T 18
W19	12 7 5	3°43'13	25°49	10°57	1°44	20°36	13°56	3°44	11° 6	29°44	8°24	2°18	2°29	3° 3	1°50	W19
T 20	12 11 2	4°42'05	7♑53	12°30	2°58	21°22	14° 8	3°49	11°10	29°45	8°23	2°D18	2°26	3°10	1°53	T 20
F 21	12 14 58	5°40'55	19°49	14° 5	4°12	22° 8	14°19	3°54	11°13	29°45	8°21	2°18	2°23	3°16	1°57	F 21
S 22	12 18 55	6°39'43	1♒40	15°41	5°27	22°55	14°31	4° 0	11°16	29°45	8°20	2°18	2°20	3°23	2° 1	S 22
S 23	12 22 51	7°38'30	13°32	17°18	6°41	23°41	14°42	4° 5	11°19	29°45	8°19	2°19	2°17	3°30	2° 4	S 23
M24	12 26 48	8°37'14	25°28	18°58	7°55	24°27	14°53	4°11	11°22	29°45	8°17	2°19	2°14	3°36	2° 8	M24
T 25	12 30 45	9°35'57	7♓32	20°38	9° 9	25°13	15° 4	4°16	11°26	29°45	8°16	2°20	2°10	3°43	2°12	T 25
W26	12 34 41	10°34'38	19°46	22°21	10°24	25°59	15°15	4°22	11°29	29°45	8°14	2°21	2° 7	3°50	2°15	W26
T 27	12 38 38	11°33'17	2♈14	24° 5	11°38	26°45	15°26	4°27	11°32	29°R45	8°13	2°R21	2° 4	3°57	2°19	T 27
F 28	12 42 34	12°31'54	14°56	25°50	12°52	27°31	15°37	4°33	11°35	29°45	8°11	2°21	2° 1	4° 3	2°23	F 28
S 29	12 46 31	13°30'29	27°53	27°38	14° 6	28°17	15°48	4°39	11°38	29°45	8°10	2°20	1°58	4°10	2°27	S 29
S 30	12 50 27	14°29'02	11♉ 4	29°26	15°20	29° 3	15°58	4°45	11°41	29°45	8° 8	2°18	1°54	4°17	2°30	S 30
M31	12 54 24	15♈27'33	24♉30	1♈17	16♈35	29♓49	16♒ 9	4♊51	11♓44	29♐45	8♏ 7	2♈17	1♈51	4♒23	2♉34	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	5s34	8n39	1n28	16s 9	0s45	9s25	1s26	10s 6	1s 2	18s24	0s39	19n19	1s28	8s30	0s44	22s34	1n 1	0n 1	15n16	0n55	1n23	24s29	11n51	0n 1	S 1
S 2	5 11	14 23	2 34	16 1	0 55	8 57	1 26	9 48	1 2	18 20	0 39	19 20	1 28	8 29	0 44	22 34	1 1	0 1	15 17	0 55	1 21	24 27	11 52	0 1	S 2
M 3	4 47	19 36	3 32	15 51	1 4	8 28	1 26	9 31	1 2	18 17	0 39	19 21	1 28	8 27	0 44	22 34	1 1	0 2	15 17	0 56	1 20	24 25	11 53	0 1	M 3
T 4	4 24	23 58	4 20	15 39	1 13	7 59	1 26	9 13	1 2	18 14	0 39	19 22	1 27	8 26	0 44	22 34	1 1	0 2	15 18	0 56	1 19	24 23	11 54	0 1	T 4
W 5	4 1	27 7	4 55	15 25	1 21	7 31	1 26	8 55	1 1	18 10	0 40	19 23	1 27	8 25	0 44	22 34	1 1	0 3	15 18	0 56	1 18	24 21	11 55	0 1	W 5
T 6	3 37	28 43	5 14	15 11	1 29	7 1	1 26	8 37	1 1	18 7	0 40	19 24	1 27	8 24	0 44	22 34	1 1	0 4	15 18	0 57	1 16	24 20	11 56	0 1	T 6
F 7	3 14	28 28	5 14	14 54	1 36	6 32	1 26	8 19	1 1	18 4	0 40	19 25	1 27	8 22	0 44	22 34	1 1	0 4	15 19	0 56	1 15	24 18	11 57	0 1	F 7
S 8	2 50	26 19	4 55	14 36	1 43	6 3	1 26	8 0	1 1	18 0	0 40	19 26	1 26	8 21	0 44	22 34	1 1	0 5	15 19	0 56	1 14	24 16	11 58	0 1	S 8
S 9	2 27	22 24	4 16	14 17	1 49	5 33	1 26	7 42	1 0	17 57	0 40	19 27	1 26	8 20	0 44	22 34	1 1	0 6	15 19	0 56	1 12	24 14	11 59	0 1	S 9
M10	2 3	17 3	3 21	13 56	1 55	5 4	1 25	7 24	1 0	17 54	0 40	19 28	1 26	8 18	0 44	22 34	1 1	0 6	15 20	0 55	1 11	24 12	12 0	0 1	M10
T 11	1 39	10 43	2 11	13 34	2 0	4 34	1 25	7 6	1 0	17 50	0 40	19 29	1 26	8 17	0 44	22 33	1 1	0 7	15 20	0 55	1 10	24 10	12 2	0 1	T 11
W12	1 16	3 50	0 54	13 10	2 5	4 4	1 24	6 47	1 0	17 47	0 41	19 30	1 26	8 16	0 44	22 33	1 1	0 7	15 20	0 55	1 9	24 8	12 3	0 1	W12
T 13	0 52	3s 8	0s25	12 45	2 10	3 34	1 24	6 29	0 59	17 44	0 41	19 31	1 25	8 15	0 44	22 33	1 1	0 8	15 20	0 55	1 7	24 6	12 4	0 1	T 13
F 14	0 29	9 47	1 42	12 18	2 13	3 3	1 23	6 11	0 59	17 40	0 41	19 33	1 25	8 13	0 44	22 33	1 1	0 9	15 21	0 55	1 6	24 4	12 5	0 1	F 14
S 15	0 5	15 49	2 50	11 50	2 17	2 33	1 23	5 52	0 59	17 37	0 41	19 34	1 25	8 12	0 44	22 33	1 1	0 9	15 21	0 55	1 5	24 2	12 6	0 0	S 15
S 16	0n19	20 55	3 47	11 21	2 20	2 3	1 22	5 33	0 58	17 34	0 41	19 35	1 25	8 11	0 44	22 33	1 1	0 10	15 21	0 55	1 4	24 0	12 7	0 0	S 16
M17	0 42	24 52	4 31	10 50	2 22	1 32	1 21	5 15	0 58	17 31	0 42	19 36	1 24	8 10	0 44	22 33	1 1	0 11	15 22	0 55	1 2	23 58	12 8	0 0	M17
T 18	1 6	27 31	5 0	10 18	2 24	1 2	1 20	4 56	0 58	17 27	0 42	19 37	1 24	8 8	0 44	22 33	1 1	0 11	15 22	0 55	1 1	23 56	12 9	0 0	T 18
W19	1 29	28 45	5 15	9 44	2 25	0 31	1 20	4 38	0 58	17 24	0 42	19 38	1 24	8 7	0 44	22 33	1 1	0 12	15 22	0 55	1 0	23 54	12 11	0 0	W19
T 20	1 53	28 35	5 16	9 9	2 26	0 1	1 19	4 19	0 57	17 21	0 42	19 39	1 24	8 6	0 44	22 33	1 1	0 12	15 22	0 55	0 58	23 52	12 12	0 0	T 20
F 21	2 16	27 5	5 2	8 33	2 27	0n30	1 18	4 0	0 57	17 18	0 42	19 41	1 24	8 5	0 44	22 33	1 1	0 13	15 23	0 55	0 57	23 50	12 13	0s 0	F 21
S 22	2 40	24 23	4 37	7 56	2 27	1 0	1 17	3 42	0 57	17 15	0 42	19 42	1 23	8 4	0 44	22 33	1 1	0 14	15 23	0 55	0 56	23 48	12 14	0 0	S 22
S 23	3 3	20 40	3 59	7 17	2 26	1 31	1 16	3 23	0 56	17 11	0 43	19 43	1 23	8 2	0 44	22 33	1 1	0 14	15 23	0 55	0 55	23 45	12 15	0 0	S 23
M24	3 26	16 5	3 11	6 37	2 25	2 1	1 14	3 4	0 56	17 8	0 43	19 44	1 23	8 1	0 44	22 33	1 1	0 15	15 23	0 56	0 53	23 43	12 17	0 0	M24
T 25	3 49	10 51	2 13	5 55	2 23	2 32	1 13	2 46	0 56	17 5	0 43	19 45	1 23	8 0	0 44	22 33	1 1	0 16	15 24	0 56	0 52	23 41	12 18	0 0	T 25
W26	4 13	5 8	1 9	5 13	2 21	3 2	1 12	2 27	0 55	17 2	0 43	19 47	1 23	7 59	0 44	22 33	1 1	0 16	15 24	0 56	0 51	23 39	12 19	0 0	W26
T 27	4 36	0n53	0 1	4 29	2 19	3 33	1 11	2 8	0 55	16 59	0 43	19 48	1 22	7 58	0 44	22 33	1 1	0 17	15 24	0 56	0 50	23 37	12 20	0 0	T 27
F 28	4 59	6 59	1n 9	3 44	2 16	4 3	1 9	1 49	0 54	16 56	0 44	19 49	1 22	7 56	0 44	22 33	1 1	0 17	15 24	0 56	0 48	23 35	12 21	0 1	F 28
S 29	5 22	12 54	2 17	2 58	2 12	4 33	1 8	1 31	0 54	16 53	0 44	19 50	1 22	7 55	0 44	22 33	1 1	0 18	15 24	0 56	0 47	23 33	12 23	0 1	S 29
S 30	5 44	18 22	3 18	2 10	2 8	5 3	1 6	1 12	0 54	16 50	0 44	19 52	1 22	7 54	0 44	22 33	1 1	0 19	15 24	0 55	0 46	23 31	12 24	0 1	S 30
M31	6n 7	23n 2	4n10	1s22	2s 3	5n33	1s 5	0s53	0s53	16s47	0s44	19n53	1s22	7s53	0s44	22s33	1n 1	0n19	15n25	0n55	0n45	23s29	12n25	0s 1	M31

Julian Day Number = 2086732.5, Delta T = 24m17s
Ecliptic obliquity = 23°34'17, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'07, Lahiri = 9°56'08 Julian Calendar 1 March 1001 == Greg. Calendar 7 March 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

APRIL 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 58 20	16♈26'02	8♊ 8	3♈ 9	17♈49	0♈35	16♒19	4♊57	11♓47	29°R45	8°R 5	2°R15	1♈48	4♒30	2♉38	T 1
W 2	13 2 17	17°24'29	21°58	5° 2	19° 3	1°21	16°30	5° 3	11°50	29♐45	8♏ 4	2♈13	1°45	4°37	2°42	W 2
T 3	13 6 14	18°22'54	5♋57	6°58	20°17	2° 7	16°40	5° 9	11°53	29°44	8° 2	2°12	1°42	4°43	2°46	T 3
F 4	13 10 10	19°21'16	20° 5	8°55	21°31	2°52	16°50	5°16	11°56	29°44	8° 1	2°D12	1°39	4°50	2°50	F 4
S 5	13 14 7	20°19'37	4♌19	10°53	22°45	3°38	17° 0	5°22	11°59	29°44	7°59	2°12	1°35	4°57	2°54	S 5
S 6	13 18 3	21°17'55	18°36	12°53	23°59	4°24	17°10	5°28	12° 1	29°44	7°58	2°13	1°32	5° 4	2°57	S 6
M 7	13 22 0	22°16'10	2♍55	14°55	25°13	5° 9	17°19	5°35	12° 4	29°43	7°56	2°15	1°29	5°10	3° 1	M 7
T 8	13 25 56	23°14'24	17°11	16°58	26°27	5°55	17°29	5°41	12° 7	29°43	7°55	2°16	1°26	5°17	3° 5	T 8
W 9	13 29 53	24°12'36	1♎22	19° 2	27°41	6°40	17°39	5°48	12°10	29°43	7°53	2°R16	1°23	5°24	3° 9	W 9
T 10	13 33 49	25°10'46	15°22	21° 8	28°55	7°26	17°48	5°54	12°13	29°42	7°51	2°16	1°20	5°30	3°13	T 10
F 11	13 37 46	26° 8'54	29°10	23°14	0♉ 9	8°11	17°57	6° 1	12°15	29°42	7°50	2°14	1°16	5°37	3°17	F 11
S 12	13 41 42	27° 7'00	12♏41	25°22	1°23	8°56	18° 6	6° 7	12°18	29°41	7°48	2°11	1°13	5°44	3°21	S 12
S 13	13 45 39	28° 5'05	25°54	27°31	2°37	9°41	18°15	6°14	12°21	29°41	7°46	2° 8	1°10	5°50	3°25	S 13
M14	13 49 36	29° 3'08	8♐48	29°40	3°51	10°27	18°24	6°21	12°23	29°40	7°45	2° 3	1° 7	5°57	3°29	M14
T 15	13 53 32	0♉ 1'09	21°23	1♉50	5° 5	11°12	18°33	6°28	12°26	29°39	7°43	1°59	1° 4	6° 4	3°33	T 15
W16	13 57 29	0°59'10	3♑42	4° 0	6°19	11°57	18°42	6°35	12°28	29°39	7°41	1°56	1° 0	6°11	3°37	W16
T 17	14 1 25	1°57'08	15°48	6°10	7°33	12°42	18°50	6°41	12°31	29°38	7°40	1°53	0°57	6°17	3°41	T 17
F 18	14 5 22	2°55'06	27°45	8°20	8°46	13°27	18°59	6°48	12°33	29°38	7°38	1°D52	0°54	6°24	3°45	F 18
S 19	14 9 18	3°53'02	9♒37	10°29	10° 0	14°12	19° 7	6°55	12°36	29°37	7°36	1°52	0°51	6°31	3°49	S 19
S 20	14 13 15	4°50'56	21°29	12°37	11°14	14°57	19°15	7° 2	12°38	29°36	7°35	1°53	0°48	6°37	3°53	S 20
M21	14 17 11	5°48'49	3♓26	14°44	12°28	15°42	19°23	7° 9	12°41	29°35	7°33	1°55	0°45	6°44	3°57	M21
T 22	14 21 8	6°46'41	15°33	16°49	13°42	16°27	19°31	7°17	12°43	29°35	7°31	1°56	0°41	6°51	4° 1	T 22
W23	14 25 5	7°44'32	27°54	18°53	14°56	17°12	19°38	7°24	12°45	29°34	7°30	1°R57	0°38	6°57	4° 4	W23
T 24	14 29 1	8°42'21	10♈33	20°55	16° 9	17°56	19°46	7°31	12°48	29°33	7°28	1°57	0°35	7° 4	4° 8	T 24
F 25	14 32 58	9°40'09	23°30	22°54	17°23	18°41	19°53	7°38	12°50	29°32	7°26	1°55	0°32	7°11	4°12	F 25
S 26	14 36 54	10°37'55	6♉47	24°51	18°37	19°26	20° 1	7°45	12°52	29°31	7°25	1°51	0°29	7°17	4°16	S 26
S 27	14 40 51	11°35'41	20°23	26°46	19°51	20°10	20° 8	7°53	12°54	29°30	7°23	1°46	0°26	7°24	4°20	S 27
M28	14 44 47	12°33'25	4♊16	28°38	21° 5	20°55	20°15	8° 0	12°56	29°29	7°21	1°40	0°22	7°31	4°24	M28
T 29	14 48 44	13°31'07	18°21	0♊27	22°18	21°39	20°21	8° 7	12°58	29°28	7°20	1°33	0°19	7°38	4°28	T 29
W30	14 52 40	14♉28'48	2♋34	2♊13	23♉32	22♈24	20♒28	8♊15	13♓ 0	29♐27	7♏18	1♈27	0♈16	7♒44	4♉32	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n30	26n32	4n48	0s32	1s58	6n 3	1s 3	0s35	0s53	16s44	0s44	19n54	1s22	7s52	0s44	22s33	1n 1	0n20	15n25	0n54	0n43	23s27	12n26	0s 1
W 2	6 52	28 30	5 11	0n18	1 52	6 33	1 2	0 16	0 53	16 41	0 45	19 55	1 21	7 51	0 44	22 33	1 1	0 20	15 25	0 53	0 42	23 25	12 28	0 1
T 3	7 15	28 41	5 15	1 10	1 46	7 3	1 0	0n 3	0 52	16 38	0 45	19 57	1 21	7 50	0 44	22 33	1 1	0 21	15 25	0 53	0 41	23 22	12 29	0 1
F 4	7 37	27 1	5 0	2 2	1 39	7 32	0 58	0 21	0 52	16 35	0 45	19 58	1 21	7 49	0 44	22 33	1 1	0 22	15 25	0 53	0 39	23 20	12 30	0 1
S 5	7 59	23 37	4 28	2 55	1 32	8 1	0 56	0 40	0 51	16 33	0 45	19 59	1 21	7 47	0 44	22 33	1 1	0 22	15 25	0 53	0 38	23 18	12 32	0 1
S 6	8 21	18 47	3 38	3 50	1 24	8 31	0 55	0 59	0 51	16 30	0 45	20 1	1 21	7 46	0 44	22 33	1 1	0 23	15 25	0 53	0 37	23 16	12 33	0 1
M 7	8 43	12 54	2 35	4 44	1 16	8 59	0 53	1 17	0 50	16 27	0 46	20 2	1 20	7 45	0 44	22 33	1 1	0 23	15 25	0 54	0 36	23 14	12 34	0 1
T 8	9 5	6 21	1 22	5 40	1 7	9 28	0 51	1 36	0 50	16 24	0 46	20 3	1 20	7 44	0 44	22 33	1 1	0 24	15 26	0 54	0 34	23 12	12 35	0 1
W 9	9 26	0s28	0 5	6 36	0 58	9 57	0 49	1 54	0 50	16 22	0 46	20 5	1 20	7 43	0 45	22 33	1 1	0 24	15 26	0 55	0 33	23 10	12 37	0 1
T 10	9 48	7 11	1s11	7 32	0 49	10 25	0 47	2 13	0 49	16 19	0 46	20 6	1 20	7 42	0 45	22 33	1 1	0 25	15 26	0 54	0 32	23 7	12 38	0 1
F 11	10 9	13 27	2 23	8 28	0 39	10 53	0 45	2 31	0 49	16 16	0 46	20 7	1 20	7 41	0 45	22 33	1 2	0 26	15 26	0 54	0 31	23 5	12 39	0 2
S 12	10 30	18 58	3 24	9 25	0 29	11 21	0 43	2 49	0 48	16 14	0 47	20 8	1 20	7 40	0 45	22 33	1 2	0 26	15 26	0 53	0 29	23 3	12 40	0 2
S 13	10 51	23 26	4 13	10 21	0 19	11 48	0 41	3 8	0 48	16 11	0 47	20 10	1 20	7 39	0 45	22 33	1 2	0 27	15 26	0 51	0 28	23 1	12 42	0 2
M14	11 12	26 37	4 48	11 17	0 8	12 16	0 39	3 26	0 47	16 8	0 47	20 11	1 19	7 38	0 45	22 33	1 2	0 27	15 26	0 49	0 27	22 59	12 43	0 2
T 15	11 32	28 24	5 8	12 13	0n 2	12 43	0 37	3 44	0 47	16 6	0 47	20 12	1 19	7 37	0 45	22 33	1 2	0 28	15 26	0 48	0 25	22 57	12 44	0 2
W16	11 53	28 44	5 13	13 7	0 13	13 9	0 35	4 2	0 46	16 3	0 48	20 14	1 19	7 36	0 45	22 33	1 2	0 28	15 26	0 46	0 24	22 54	12 46	0 2
T 17	12 13	27 39	5 4	14 1	0 23	13 36	0 32	4 20	0 46	16 1	0 48	20 15	1 19	7 35	0 45	22 33	1 2	0 29	15 26	0 45	0 23	22 52	12 47	0 2
F 18	12 33	25 19	4 42	14 54	0 34	14 2	0 30	4 38	0 45	15 59	0 48	20 16	1 19	7 34	0 45	22 33	1 2	0 29	15 26	0 45	0 22	22 50	12 48	0 2
S 19	12 53	21 55	4 8	15 45	0 44	14 27	0 28	4 56	0 45	15 56	0 48	20 18	1 19	7 33	0 45	22 33	1 2	0 30	15 26	0 45	0 20	22 48	12 49	0 2
S 20	13 13	17 37	3 23	16 34	0 54	14 53	0 26	5 14	0 44	15 54	0 48	20 19	1 18	7 33	0 45	22 33	1 2	0 30	15 26	0 45	0 19	22 45	12 51	0 2
M21	13 32	12 37	2 29	17 22	1 4	15 18	0 23	5 32	0 44	15 52	0 49	20 20	1 18	7 32	0 45	22 33	1 2	0 31	15 26	0 46	0 18	22 43	12 52	0 2
T 22	13 51	7 5	1 28	18 8	1 14	15 42	0 21	5 50	0 44	15 49	0 49	20 22	1 18	7 31	0 45	22 32	1 2	0 31	15 26	0 47	0 17	22 41	12 53	0 2
W23	14 10	1 10	0 22	18 52	1 23	16 6	0 19	6 8	0 43	15 47	0 49	20 23	1 18	7 30	0 45	22 32	1 2	0 32	15 26	0 47	0 15	22 39	12 54	0 2
T 24	14 29	4n55	0n47	19 33	1 31	16 30	0 16	6 25	0 42	15 45	0 49	20 24	1 18	7 29	0 45	22 32	1 2	0 32	15 26	0 47	0 14	22 37	12 56	0 3
F 25	14 47	10 57	1 55	20 12	1 39	16 53	0 14	6 43	0 42	15 43	0 50	20 26	1 18	7 28	0 45	22 32	1 2	0 33	15 26	0 46	0 13	22 34	12 57	0 3
S 26	15 6	16 39	2 58	20 49	1 47	17 16	0 12	7 0	0 41	15 41	0 50	20 27	1 18	7 27	0 45	22 32	1 2	0 33	15 26	0 45	0 11	22 32	12 58	0 3
S 27	15 24	21 40	3 52	21 23	1 53	17 39	0 9	7 18	0 41	15 39	0 50	20 28	1 17	7 27	0 45	22 32	1 2	0 33	15 25	0 42	0 10	22 30	13 0	0 3
M28	15 41	25 36	4 35	21 54	1 59	18 1	0 7	7 35	0 40	15 37	0 50	20 29	1 17	7 26	0 45	22 32	1 2	0 34	15 25	0 40	0 9	22 27	13 1	0 3
T 29	15 59	28 3	5 1	22 23	2 5	18 22	0 5	7 52	0 40	15 35	0 51	20 31	1 17	7 25	0 45	22 32	1 2	0 34	15 25	0 37	0 8	22 25	13 2	0 3
W30	16n16	28n41	5n 9	22n50	2n 9	18n44	0s 2	8n 9	0s39	15s33	0s51	20n32	1s17	7s24	0s45	22s32	1n 2	0n35	15n25	0n35	0n 6	22s23	13n 3	0s 3

Julian Day Number = 2086763.5, Delta T = 24m17s
Ecliptic obliquity = 23°34'17, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'12, Lahiri = 9°56'12 Julian Calendar 1 Apr. 1001 == Greg. Calendar 7 Apr. 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

MAY 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 56 37	15♉26'27	16♋51	3♊56	24♉46	23♈ 8	20♒35	8♊22	13♓ 2	29°R26	7°R16	1°R23	0♈13	7♒51	4♉36	T 1
F 2	15 0 34	16°24'05	1♌ 7	5°36	25°59	23°53	20°41	8°30	13° 4	29♐25	7♏15	1♈20	0°10	7°58	4°40	F 2
S 3	15 4 30	17°21'41	15°20	7°13	27°13	24°37	20°47	8°37	13° 6	29°24	7°13	1°D19	0° 6	8° 4	4°44	S 3
S 4	15 8 27	18°19'15	29°28	8°47	28°27	25°21	20°53	8°45	13° 8	29°23	7°11	1°19	0° 3	8°11	4°48	S 4
M 5	15 12 23	19°16'48	13♍29	10°17	29°40	26° 5	20°59	8°52	13°10	29°22	7°10	1°20	0° 0	8°18	4°52	M 5
T 6	15 16 20	20°14'19	27°22	11°45	0♊54	26°49	21° 5	9° 0	13°12	29°21	7° 8	1°R21	29♓57	8°24	4°55	T 6
W 7	15 20 16	21°11'49	11♎ 7	13° 9	2° 8	27°33	21°10	9° 7	13°14	29°20	7° 7	1°21	29°54	8°31	4°59	W 7
T 8	15 24 13	22° 9'18	24°41	14°30	3°21	28°17	21°16	9°15	13°15	29°18	7° 5	1°19	29°51	8°38	5° 3	T 8
F 9	15 28 9	23° 6'45	8♏ 5	15°47	4°35	29° 1	21°21	9°23	13°17	29°17	7° 3	1°14	29°47	8°45	5° 7	F 9
S 10	15 32 6	24° 4'12	21°17	17° 1	5°48	29°45	21°26	9°30	13°19	29°16	7° 2	1° 7	29°44	8°51	5°11	S 10
S 11	15 36 3	25° 1'37	4♐15	18°12	7° 2	0♉29	21°31	9°38	13°20	29°15	7° 0	0°59	29°41	8°58	5°15	S 11
M12	15 39 59	25°59'01	16°58	19°19	8°15	1°13	21°36	9°46	13°22	29°13	6°59	0°49	29°38	9° 5	5°18	M12
T 13	15 43 56	26°56'25	29°27	20°22	9°29	1°56	21°40	9°53	13°23	29°12	6°57	0°39	29°35	9°11	5°22	T 13
W14	15 47 52	27°53'48	11♑42	21°22	10°43	2°40	21°45	10° 1	13°25	29°11	6°56	0°31	29°32	9°18	5°26	W14
T 15	15 51 49	28°51'10	23°46	22°18	11°56	3°23	21°49	10° 9	13°26	29° 9	6°54	0°23	29°28	9°25	5°30	T 15
F 16	15 55 45	29°48'31	5♒41	23°10	13°10	4° 7	21°53	10°17	13°27	29° 8	6°52	0°18	29°25	9°31	5°33	F 16
S 17	15 59 42	0♊45'51	17°32	23°59	14°23	4°50	21°57	10°24	13°29	29° 7	6°51	0°15	29°22	9°38	5°37	S 17
S 18	16 3 39	1°43'11	29°23	24°43	15°36	5°34	22° 0	10°32	13°30	29° 5	6°49	0°D14	29°19	9°45	5°41	S 18
M19	16 7 35	2°40'30	11♓20	25°24	16°50	6°17	22° 4	10°40	13°31	29° 4	6°48	0°14	29°16	9°51	5°44	M19
T 20	16 11 32	3°37'49	23°27	26° 0	18° 3	7° 1	22° 7	10°48	13°32	29° 3	6°47	0°15	29°12	9°58	5°48	T 20
W21	16 15 28	4°35'07	5♈50	26°32	19°17	7°44	22°10	10°56	13°34	29° 1	6°45	0°R15	29° 9	10° 5	5°52	W21
T 22	16 19 25	5°32'25	18°34	27° 0	20°30	8°27	22°13	11° 3	13°35	29° 0	6°44	0°14	29° 6	10°11	5°55	T 22
F 23	16 23 21	6°29'42	1♉40	27°23	21°44	9°10	22°16	11°11	13°36	28°58	6°42	0°10	29° 3	10°18	5°59	F 23
S 24	16 27 18	7°26'59	15°12	27°42	22°57	9°53	22°18	11°19	13°37	28°57	6°41	0° 4	29° 0	10°25	6° 2	S 24
S 25	16 31 14	8°24'16	29° 7	27°56	24°11	10°36	22°21	11°27	13°38	28°55	6°40	29♓55	28°57	10°32	6° 6	S 25
M26	16 35 11	9°21'32	13♊23	28° 6	25°24	11°19	22°23	11°35	13°39	28°54	6°38	29°45	28°53	10°38	6° 9	M26
T 27	16 39 8	10°18'47	27°55	28°11	26°37	12° 2	22°25	11°43	13°39	28°52	6°37	29°35	28°50	10°45	6°13	T 27
W28	16 43 4	11°16'02	12♋34	28°R12	27°51	12°45	22°27	11°50	13°40	28°51	6°36	29°25	28°47	10°52	6°16	W28
T 29	16 47 1	12°13'16	27°15	28° 8	29° 4	13°28	22°29	11°58	13°41	28°49	6°34	29°17	28°44	10°58	6°20	T 29
F 30	16 50 57	13°10'30	11♌49	28° 0	0♋17	14°10	22°30	12° 6	13°42	28°48	6°33	29°12	28°41	11° 5	6°23	F 30
S 31	16 54 54	14♊ 7'42	26♌12	27♊48	1♋31	14♉53	22♒31	12♊14	13♓42	28♐46	6♏32	29♓ 9	28♓38	11♒12	6♉26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n33	27n25	4n58	23n14	2n13	19n 4	0n 0	8n26	0s39	15s31	0s51	20n33	1s17	7s24	0s45	22s32	1n 2	0n35	15n25	0n33	0n 5	22s21	13n 5	0s 3
F 2	16 50	24 23	4 28	23 35	2 16	19 24	0 3	8 43	0 38	15 29	0 51	20 35	1 17	7 23	0 45	22 32	1 2	0 35	15 25	0 32	0 4	22 18	13 6	0 3
S 3	17 6	19 52	3 42	23 54	2 18	19 44	0 5	9 0	0 38	15 28	0 52	20 36	1 17	7 22	0 45	22 32	1 2	0 36	15 25	0 32	0 3	22 16	13 7	0 3
S 4	17 23	14 16	2 43	24 11	2 19	20 3	0 8	9 17	0 37	15 26	0 52	20 37	1 17	7 21	0 45	22 32	1 2	0 36	15 25	0 32	0 1	22 14	13 8	0 3
M 5	17 39	7 59	1 35	24 25	2 20	20 21	0 10	9 34	0 37	15 24	0 52	20 39	1 16	7 21	0 45	22 32	1 2	0 36	15 24	0 32	0 0	22 11	13 10	0 3
T 6	17 54	1 23	0 22	24 38	2 20	20 39	0 12	9 50	0 36	15 23	0 52	20 40	1 16	7 20	0 45	22 32	1 2	0 37	15 24	0 33	0s 1	22 9	13 11	0 3
W 7	18 9	5s13	0s52	24 48	2 19	20 57	0 15	10 7	0 35	15 21	0 53	20 41	1 16	7 19	0 45	22 32	1 2	0 37	15 24	0 32	0 3	22 7	13 12	0 4
T 8	18 24	11 30	2 2	24 56	2 17	21 13	0 17	10 23	0 35	15 20	0 53	20 42	1 16	7 19	0 45	22 32	1 2	0 37	15 24	0 31	0 4	22 4	13 13	0 4
F 9	18 39	17 11	3 4	25 2	2 14	21 30	0 20	10 39	0 34	15 18	0 53	20 44	1 16	7 18	0 45	22 32	1 2	0 38	15 24	0 30	0 5	22 2	13 14	0 4
S 10	18 54	21 57	3 55	25 6	2 10	21 45	0 22	10 55	0 34	15 17	0 54	20 45	1 16	7 18	0 45	22 32	1 2	0 38	15 23	0 27	0 6	22 0	13 16	0 4
S 11	19 8	25 34	4 33	25 8	2 6	22 0	0 25	11 11	0 33	15 15	0 54	20 46	1 16	7 17	0 45	22 32	1 2	0 38	15 23	0 24	0 8	21 57	13 17	0 4
M12	19 21	27 50	4 56	25 9	2 1	22 15	0 27	11 27	0 33	15 14	0 54	20 47	1 16	7 16	0 46	22 32	1 2	0 39	15 23	0 20	0 9	21 55	13 18	0 4
T 13	19 35	28 39	5 5	25 7	1 55	22 29	0 29	11 43	0 32	15 13	0 54	20 49	1 16	7 16	0 46	22 32	1 2	0 39	15 23	0 16	0 10	21 53	13 19	0 4
W14	19 48	28 1	4 59	25 5	1 48	22 42	0 32	11 58	0 31	15 12	0 55	20 50	1 15	7 15	0 46	22 32	1 2	0 39	15 22	0 12	0 11	21 50	13 20	0 4
T 15	20 1	26 4	4 40	25 1	1 40	22 54	0 34	12 14	0 31	15 11	0 55	20 51	1 15	7 15	0 46	22 32	1 2	0 39	15 22	0 9	0 13	21 48	13 22	0 4
F 16	20 13	22 58	4 9	24 55	1 32	23 6	0 36	12 29	0 30	15 10	0 55	20 52	1 15	7 14	0 46	22 32	1 2	0 40	15 22	0 7	0 14	21 46	13 23	0 4
S 17	20 25	18 57	3 28	24 48	1 22	23 17	0 39	12 44	0 30	15 9	0 55	20 54	1 15	7 14	0 46	22 32	1 2	0 40	15 22	0 6	0 15	21 43	13 24	0 4
S 18	20 37	14 12	2 37	24 40	1 12	23 28	0 41	13 0	0 29	15 8	0 56	20 55	1 15	7 13	0 46	22 32	1 2	0 40	15 21	0 6	0 16	21 41	13 25	0 4
M19	20 49	8 53	1 39	24 31	1 1	23 38	0 43	13 15	0 28	15 7	0 56	20 56	1 15	7 13	0 46	22 32	1 2	0 40	15 21	0 6	0 18	21 38	13 26	0 4
T 20	21 0	3 10	0 36	24 20	0 50	23 47	0 45	13 29	0 28	15 6	0 56	20 57	1 15	7 13	0 46	22 32	1 2	0 40	15 21	0 6	0 19	21 36	13 27	0 4
W21	21 10	2n47	0n30	24 9	0 37	23 56	0 48	13 44	0 27	15 5	0 57	20 58	1 15	7 12	0 46	22 32	1 2	0 40	15 21	0 6	0 20	21 34	13 29	0 5
T 22	21 21	8 47	1 36	23 57	0 24	24 3	0 50	13 59	0 27	15 5	0 57	20 59	1 15	7 12	0 46	22 32	1 2	0 41	15 20	0 5	0 22	21 31	13 30	0 5
F 23	21 31	14 36	2 39	23 43	0 11	24 10	0 52	14 13	0 26	15 4	0 57	21 1	1 15	7 11	0 46	22 32	1 2	0 41	15 20	0 4	0 23	21 29	13 31	0 5
S 24	21 40	19 54	3 35	23 30	0s 4	24 17	0 54	14 28	0 25	15 3	0 57	21 2	1 15	7 11	0 46	22 32	1 2	0 41	15 20	0 1	0 24	21 26	13 32	0 5
S 25	21 50	24 18	4 20	23 15	0 18	24 23	0 56	14 42	0 25	15 3	0 58	21 3	1 14	7 11	0 46	22 32	1 2	0 41	15 19	0s 2	0 25	21 24	13 33	0 5
M26	21 59	27 19	4 50	23 0	0 34	24 28	0 58	14 56	0 24	15 2	0 58	21 4	1 14	7 10	0 46	22 32	1 2	0 41	15 19	0 6	0 27	21 22	13 34	0 5
T 27	22 7	28 35	5 2	22 44	0 49	24 32	1 0	15 10	0 23	15 2	0 58	21 5	1 14	7 10	0 46	22 32	1 2	0 41	15 19	0 10	0 28	21 19	13 35	0 5
W28	22 15	27 51	4 54	22 28	1 6	24 35	1 2	15 23	0 23	15 2	0 59	21 6	1 14	7 10	0 46	22 32	1 2	0 41	15 18	0 14	0 29	21 17	13 36	0 5
T 29	22 23	25 11	4 27	22 11	1 22	24 38	1 4	15 37	0 22	15 1	0 59	21 7	1 14	7 10	0 46	22 32	1 2	0 41	15 18	0 17	0 30	21 14	13 37	0 5
F 30	22 30	20 54	3 43	21 55	1 39	24 40	1 6	15 50	0 22	15 1	0 59	21 9	1 14	7 9	0 46	22 32	1 2	0 41	15 17	0 19	0 32	21 12	13 38	0 5
S 31	22n37	15n26	2n45	21n38	1s55	24n42	1n 8	16n 4	0s21	15s 1	0s59	21n10	1s14	7s 9	0s46	22s32	1n 2	0n41	15n17	0s21	0s33	21s 9	13n39	0s 5

Julian Day Number = 2086793.5, Delta T = 24m16s
Ecliptic obliquity = 23°34'16, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'16, Lahiri = 9°56'16 Julian Calendar 1 May 1001 == Greg. Calendar 7 May 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

JUNE 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 58 50	15♊ 4'54	10♍21	27°R31	2♋44	15♉36	22♒32	12♊22	13♓43	28°R45	6°R31	29°D 8	28♓34	11♒18	6♉30	S 1
M 2	17 2 47	16° 2'05	24°15	27♊11	3°57	16°18	22°33	12°30	13°44	28♐43	6♏29	29°R 8	28°31	11°25	6°33	M 2
T 3	17 6 43	16°59'16	7♎55	26°47	5°11	17° 1	22°34	12°38	13°44	28°42	6°28	29♓ 7	28°28	11°32	6°36	T 3
W 4	17 10 40	17°56'26	21°22	26°20	6°24	17°43	22°34	12°45	13°45	28°40	6°27	29° 6	28°25	11°38	6°39	W 4
T 5	17 14 37	18°53'35	4♏35	25°50	7°37	18°25	22°35	12°53	13°45	28°38	6°26	29° 2	28°22	11°45	6°42	T 5
F 6	17 18 33	19°50'44	17°38	25°18	8°50	19° 8	22°R35	13° 1	13°45	28°37	6°25	28°55	28°18	11°52	6°46	F 6
S 7	17 22 30	20°47'53	0♐28	24°43	10° 4	19°50	22°35	13° 9	13°46	28°35	6°24	28°46	28°15	11°59	6°49	S 7
S 8	17 26 26	21°45'01	13° 8	24° 8	11°17	20°32	22°34	13°17	13°46	28°34	6°23	28°35	28°12	12° 5	6°52	S 8
M 9	17 30 23	22°42'10	25°37	23°32	12°30	21°14	22°34	13°24	13°46	28°32	6°22	28°22	28° 9	12°12	6°55	M 9
T 10	17 34 19	23°39'18	7♑55	22°56	13°43	21°56	22°33	13°32	13°46	28°30	6°21	28° 8	28° 6	12°19	6°58	T 10
W11	17 38 16	24°36'26	20° 2	22°21	14°56	22°38	22°32	13°40	13°47	28°29	6°20	27°56	28° 3	12°25	7° 1	W11
T 12	17 42 13	25°33'35	2♒ 1	21°47	16°10	23°20	22°31	13°48	13°47	28°27	6°19	27°46	27°59	12°32	7° 4	T 12
F 13	17 46 9	26°30'43	13°53	21°14	17°23	24° 2	22°30	13°55	13°R47	28°26	6°18	27°38	27°56	12°39	7° 7	F 13
S 14	17 50 6	27°27'52	25°42	20°44	18°36	24°44	22°29	14° 3	13°47	28°24	6°17	27°33	27°53	12°45	7°10	S 14
S 15	17 54 2	28°25'00	7♓32	20°17	19°49	25°26	22°27	14°11	13°47	28°22	6°16	27°30	27°50	12°52	7°12	S 15
M16	17 57 59	29°22'09	19°27	19°53	21° 2	26° 7	22°25	14°18	13°47	28°21	6°15	27°29	27°47	12°59	7°15	M16
T 17	18 1 55	0♋19'19	1♈33	19°34	22°15	26°49	22°23	14°26	13°46	28°19	6°15	27°29	27°44	13° 5	7°18	T 17
W18	18 5 52	1°16'29	13°55	19°18	23°28	27°31	22°21	14°34	13°46	28°17	6°14	27°29	27°40	13°12	7°21	W18
T 19	18 9 48	2°13'39	26°38	19° 7	24°41	28°12	22°18	14°41	13°46	28°16	6°13	27°27	27°37	13°19	7°23	T 19
F 20	18 13 45	3°10'50	9♉46	19° 0	25°54	28°54	22°16	14°49	13°46	28°14	6°12	27°23	27°34	13°25	7°26	F 20
S 21	18 17 41	4° 8'02	23°22	18°D59	27° 7	29°35	22°13	14°57	13°45	28°13	6°12	27°17	27°31	13°32	7°29	S 21
S 22	18 21 38	5° 5'14	7♊26	19° 2	28°20	0♊16	22°10	15° 4	13°45	28°11	6°11	27° 8	27°28	13°39	7°31	S 22
M23	18 25 35	6° 2'27	21°56	19°11	29°33	0°58	22° 7	15°12	13°44	28° 9	6°10	26°58	27°24	13°45	7°34	M23
T 24	18 29 31	6°59'40	6♋46	19°26	0♌46	1°39	22° 4	15°19	13°44	28° 8	6°10	26°47	27°21	13°52	7°36	T 24
W25	18 33 28	7°56'53	21°46	19°45	1°59	2°20	22° 0	15°27	13°43	28° 6	6° 9	26°37	27°18	13°59	7°38	W25
T 26	18 37 24	8°54'07	6♌48	20°11	3°12	3° 1	21°56	15°34	13°43	28° 5	6° 9	26°28	27°15	14° 6	7°41	T 26
F 27	18 41 21	9°51'21	21°43	20°41	4°25	3°42	21°53	15°42	13°42	28° 3	6° 8	26°22	27°12	14°12	7°43	F 27
S 28	18 45 17	10°48'35	6♍22	21°18	5°38	4°23	21°49	15°49	13°42	28° 1	6° 8	26°19	27° 9	14°19	7°45	S 28
S 29	18 49 14	11°45'49	20°42	21°59	6°51	5° 4	21°44	15°56	13°41	28° 0	6° 7	26°D18	27° 5	14°26	7°48	S 29
M30	18 53 11	12♋43'04	4♎41	22♊46	8♌ 4	5♊45	21♒40	16♊ 4	13♓40	27♐58	6♏ 7	26♓18	27♓ 2	14♒32	7♉50	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n44	9n14	1n38	21n21	2s12	24n42	1n10	16n17	0s20	15s 1	1s 0	21n11	1s14	7s 9	0s46	22s32	1n 2	0n41	15n17	0s21	0s34	21s 7	13n40	0s 5	S 1
M 2	22 50	2 41	0 26	21 4	2 28	24 42	1 11	16 30	0 20	15 1	1 0	21 12	1 14	7 9	0 46	22 32	1 2	0 41	15 16	0 21	0 36	21 4	13 41	0 6	M 2
T 3	22 56	3s52	0s46	20 48	2 44	24 41	1 13	16 42	0 19	15 1	1 0	21 13	1 14	7 9	0 46	22 32	1 2	0 41	15 16	0 21	0 37	21 2	13 42	0 6	T 3
W 4	23 1	10 9	1 55	20 32	2 59	24 40	1 15	16 55	0 18	15 1	1 1	21 14	1 14	7 8	0 46	22 32	1 2	0 41	15 15	0 22	0 38	20 59	13 43	0 6	W 4
T 5	23 6	15 53	2 56	20 16	3 14	24 37	1 16	17 7	0 18	15 1	1 1	21 15	1 14	7 8	0 46	22 32	1 2	0 41	15 15	0 23	0 39	20 57	13 44	0 6	T 5
F 6	23 11	20 48	3 46	20 1	3 28	24 34	1 18	17 20	0 17	15 2	1 1	21 16	1 14	7 8	0 46	22 32	1 2	0 41	15 15	0 26	0 41	20 54	13 45	0 6	F 6
S 7	23 15	24 40	4 25	19 47	3 41	24 30	1 19	17 32	0 16	15 2	1 1	21 17	1 14	7 8	0 46	22 32	1 2	0 41	15 14	0 30	0 42	20 52	13 46	0 6	S 7
S 8	23 19	27 17	4 49	19 33	3 53	24 26	1 21	17 44	0 16	15 2	1 2	21 18	1 13	7 8	0 47	22 32	1 2	0 41	15 14	0 34	0 43	20 49	13 47	0 6	S 8
M 9	23 22	28 29	5 0	19 21	4 4	24 21	1 22	17 56	0 15	15 3	1 2	21 19	1 13	7 8	0 47	22 32	1 2	0 41	15 13	0 39	0 44	20 47	13 48	0 6	M 9
T 10	23 25	28 15	4 56	19 10	4 14	24 15	1 24	18 7	0 14	15 3	1 2	21 20	1 13	7 8	0 47	22 32	1 2	0 41	15 13	0 45	0 46	20 44	13 49	0 6	T 10
W11	23 28	26 39	4 38	19 0	4 22	24 8	1 25	18 19	0 14	15 4	1 3	21 21	1 13	7 8	0 47	22 32	1 2	0 41	15 12	0 50	0 47	20 42	13 50	0 6	W11
T 12	23 30	23 51	4 9	18 51	4 28	24 1	1 26	18 30	0 13	15 4	1 3	21 22	1 13	7 8	0 47	22 32	1 2	0 41	15 12	0 54	0 48	20 39	13 51	0 6	T 12
F 13	23 31	20 4	3 29	18 44	4 33	23 53	1 27	18 41	0 12	15 5	1 3	21 23	1 13	7 8	0 47	22 32	1 2	0 40	15 12	0 57	0 49	20 37	13 52	0 6	F 13
S 14	23 33	15 31	2 40	18 39	4 37	23 44	1 28	18 52	0 12	15 6	1 4	21 24	1 13	7 8	0 47	22 32	1 2	0 40	15 11	0 59	0 51	20 34	13 53	0 6	S 14
S 15	23 34	10 23	1 43	18 35	4 39	23 34	1 29	19 3	0 11	15 7	1 4	21 25	1 13	7 8	0 47	22 32	1 2	0 40	15 11	1 0	0 52	20 32	13 53	0 7	S 15
M16	23 34	4 51	0 42	18 33	4 39	23 24	1 30	19 14	0 10	15 8	1 4	21 26	1 13	7 8	0 47	22 32	1 2	0 40	15 10	1 0	0 53	20 29	13 54	0 7	M16
T 17	23 34	0n57	0n22	18 32	4 38	23 13	1 31	19 24	0 9	15 8	1 4	21 27	1 13	7 8	0 47	22 32	1 2	0 40	15 10	1 0	0 55	20 27	13 55	0 7	T 17
W18	23 34	6 50	1 26	18 34	4 36	23 2	1 32	19 34	0 9	15 9	1 5	21 28	1 13	7 8	0 47	22 32	1 2	0 39	15 9	1 1	0 56	20 24	13 56	0 7	W18
T 19	23 33	12 37	2 28	18 36	4 32	22 50	1 33	19 44	0 8	15 11	1 5	21 29	1 13	7 8	0 47	22 32	1 2	0 39	15 9	1 1	0 57	20 22	13 57	0 7	T 19
F 20	23 32	18 2	3 24	18 41	4 27	22 37	1 34	19 54	0 7	15 12	1 5	21 30	1 13	7 9	0 47	22 32	1 2	0 39	15 8	1 3	0 58	20 19	13 57	0 7	F 20
S 21	23 30	22 45	4 10	18 47	4 20	22 24	1 34	20 4	0 7	15 13	1 6	21 31	1 13	7 9	0 47	22 32	1 2	0 39	15 8	1 5	1 0	20 17	13 58	0 7	S 21
S 22	23 28	26 20	4 43	18 55	4 13	22 9	1 35	20 13	0 6	15 14	1 6	21 31	1 13	7 9	0 47	22 32	1 2	0 38	15 7	1 9	1 1	20 14	13 59	0 7	S 22
M23	23 26	28 19	5 0	19 4	4 4	21 55	1 36	20 23	0 5	15 15	1 6	21 32	1 13	7 9	0 47	22 32	1 2	0 38	15 7	1 13	1 2	20 11	14 0	0 7	M23
T 24	23 23	28 20	4 56	19 15	3 55	21 39	1 36	20 32	0 5	15 17	1 6	21 33	1 13	7 9	0 47	22 32	1 2	0 38	15 6	1 17	1 3	20 9	14 0	0 7	T 24
W25	23 20	26 17	4 33	19 27	3 44	21 23	1 36	20 41	0 4	15 18	1 7	21 34	1 13	7 10	0 47	22 32	1 2	0 38	15 6	1 21	1 5	20 6	14 1	0 7	W25
T 26	23 16	22 23	3 50	19 40	3 33	21 7	1 37	20 49	0 3	15 20	1 7	21 35	1 13	7 10	0 47	22 32	1 2	0 37	15 5	1 25	1 6	20 4	14 2	0 7	T 26
F 27	23 12	17 4	2 52	19 54	3 21	20 50	1 37	20 58	0 2	15 21	1 7	21 36	1 13	7 10	0 47	22 32	1 2	0 37	15 5	1 27	1 7	20 1	14 3	0 8	F 27
S 28	23 8	10 50	1 44	20 8	3 9	20 32	1 37	21 6	0 2	15 23	1 7	21 36	1 13	7 10	0 47	22 32	1 2	0 36	15 4	1 28	1 9	19 58	14 3	0 8	S 28
S 29	23 3	4 10	0 30	20 24	2 56	20 14	1 37	21 15	0 1	15 24	1 8	21 37	1 13	7 11	0 47	22 32	1 2	0 36	15 4	1 29	1 10	19 56	14 4	0 8	S 29
M30	22n58	2s33	0s44	20n40	2s43	19n55	1n37	21n23	0s 0	15s26	1s 8	21n38	1s13	7s11	0s47	22s32	1n 2	0n36	15n 3	1s29	1s11	19s53	14n 4	0s 8	M30

Julian Day Number = 2086824.5, Delta T = 24m16s
Ecliptic obliquity = 23°34'16, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'20, Lahiri = 9°56'20 Julian Calendar 1 June 1001 == Greg. Calendar 7 June 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

JULY 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 57 7	13♋40'19	18♎18	23♊38	9♌17	6♊25	21°R35	16♊11	13°R39	27°R57	6°R 6	26°R18	26♓59	14♒39	7♉52	T 1
W 2	19 1 4	14°37'34	1♏37	24°36	10°29	7° 6	21♒31	16°18	13♓38	27♐55	6♏ 6	26♓17	26°56	14°46	7°54	W 2
T 3	19 5 0	15°34'50	14°39	25°39	11°42	7°47	21°26	16°25	13°37	27°54	6° 6	26°13	26°53	14°52	7°56	T 3
F 4	19 8 57	16°32'06	27°26	26°46	12°55	8°27	21°21	16°33	13°37	27°52	6° 6	26° 8	26°50	14°59	7°58	F 4
S 5	19 12 53	17°29'23	10♐ 0	27°59	14° 8	9° 8	21°16	16°40	13°36	27°51	6° 5	25°59	26°46	15° 6	8° 0	S 5
S 6	19 16 50	18°26'40	22°24	29°17	15°20	9°48	21°10	16°47	13°34	27°49	6° 5	25°49	26°43	15°12	8° 2	S 6
M 7	19 20 46	19°23'58	4♑39	0♋39	16°33	10°29	21° 5	16°54	13°33	27°48	6° 5	25°37	26°40	15°19	8° 4	M 7
T 8	19 24 43	20°21'17	16°45	2° 7	17°46	11° 9	20°59	17° 1	13°32	27°46	6° 5	25°25	26°37	15°26	8° 5	T 8
W 9	19 28 40	21°18'36	28°44	3°38	18°58	11°49	20°53	17° 8	13°31	27°45	6° 5	25°14	26°34	15°32	8° 7	W 9
T 10	19 32 36	22°15'56	10♒38	5°14	20°11	12°29	20°48	17°15	13°30	27°43	6° 5	25° 5	26°30	15°39	8° 9	T 10
F 11	19 36 33	23°13'18	22°27	6°54	21°24	13° 9	20°41	17°22	13°29	27°42	6° 5	24°58	26°27	15°46	8°10	F 11
S 12	19 40 29	24°10'40	4♓15	8°37	22°36	13°49	20°35	17°28	13°27	27°40	6°D 5	24°53	26°24	15°52	8°12	S 12
S 13	19 44 26	25° 8'03	16° 5	10°24	23°49	14°29	20°29	17°35	13°26	27°39	6° 5	24°51	26°21	15°59	8°14	S 13
M14	19 48 22	26° 5'28	28° 1	12°15	25° 1	15° 9	20°23	17°42	13°25	27°38	6° 5	24°D51	26°18	16° 6	8°15	M14
T 15	19 52 19	27° 2'53	10♈ 6	14° 8	26°14	15°49	20°16	17°49	13°23	27°36	6° 5	24°52	26°15	16°12	8°16	T 15
W16	19 56 15	28° 0'20	22°27	16° 3	27°26	16°29	20° 9	17°55	13°22	27°35	6° 5	24°R52	26°11	16°19	8°18	W16
T 17	20 0 12	28°57'49	5♉ 7	18° 1	28°39	17° 9	20° 3	18° 2	13°20	27°34	6° 5	24°52	26° 8	16°26	8°19	T 17
F 18	20 4 9	29°55'19	18°12	20° 0	29°51	17°48	19°56	18° 9	13°19	27°32	6° 5	24°51	26° 5	16°33	8°20	F 18
S 19	20 8 5	0♌52'50	1♊44	22° 1	1♍ 4	18°28	19°49	18°15	13°17	27°31	6° 6	24°47	26° 2	16°39	8°21	S 19
S 20	20 12 2	1°50'23	15°46	24° 3	2°16	19° 8	19°42	18°21	13°16	27°30	6° 6	24°41	25°59	16°46	8°23	S 20
M21	20 15 58	2°47'57	0♋16	26° 6	3°28	19°47	19°34	18°28	13°14	27°29	6° 6	24°34	25°56	16°53	8°24	M21
T 22	20 19 55	3°45'33	15° 9	28° 9	4°41	20°26	19°27	18°34	13°12	27°27	6° 6	24°27	25°52	16°59	8°25	T 22
W23	20 23 51	4°43'10	0♌18	0♌12	5°53	21° 6	19°20	18°40	13°11	27°26	6° 7	24°19	25°49	17° 6	8°26	W23
T 24	20 27 48	5°40'48	15°32	2°16	7° 5	21°45	19°12	18°47	13° 9	27°25	6° 7	24°13	25°46	17°13	8°27	T 24
F 25	20 31 45	6°38'27	0♍41	4°18	8°17	22°24	19° 5	18°53	13° 7	27°24	6° 8	24° 9	25°43	17°19	8°27	F 25
S 26	20 35 41	7°36'08	15°37	6°20	9°30	23° 3	18°57	18°59	13° 5	27°23	6° 8	24° 7	25°40	17°26	8°28	S 26
S 27	20 39 38	8°33'49	0♎11	8°22	10°42	23°42	18°50	19° 5	13° 4	27°21	6° 9	24°D 7	25°36	17°33	8°29	S 27
M28	20 43 34	9°31'32	14°20	10°22	11°54	24°21	18°42	19°11	13° 2	27°20	6° 9	24° 8	25°33	17°39	8°30	M28
T 29	20 47 31	10°29'16	28° 5	12°22	13° 6	25° 0	18°34	19°17	13° 0	27°19	6°10	24° 9	25°30	17°46	8°30	T 29
W30	20 51 27	11°27'01	11♏25	14°20	14°18	25°39	18°27	19°23	12°58	27°18	6°10	24°R10	25°27	17°53	8°31	W30
T 31	20 55 24	12♌24'47	24♏24	16♌17	15♍30	26♊18	18♒19	19♊28	12♓56	27♐17	6♏11	24♓ 9	25♓24	17♒59	8♉31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n52	8s58	1s54	20n56	2s29	19n35	1n37	21n30	0n 0	15s28	1s 8	21n39	1s13	7s11	0s47	22s32	1n 2	0n35	15n 2	1s29	1s12	19s51	14n 5	0s 8
W 2	22 46	14 51	2 56	21 13	2 15	19 16	1 37	21 38	0 1	15 29	1 9	21 40	1 13	7 12	0 47	22 32	1 2	0 35	15 2	1 29	1 14	19 48	14 6	0 8
T 3	22 39	19 56	3 47	21 29	2 1	18 55	1 37	21 45	0 2	15 31	1 9	21 40	1 13	7 12	0 47	22 32	1 2	0 35	15 1	1 31	1 15	19 45	14 6	0 8
F 4	22 32	24 0	4 26	21 45	1 47	18 34	1 36	21 53	0 3	15 33	1 9	21 41	1 13	7 13	0 47	22 31	1 2	0 34	15 1	1 33	1 16	19 43	14 7	0 8
S 5	22 25	26 52	4 51	22 1	1 32	18 13	1 36	22 0	0 3	15 35	1 9	21 42	1 12	7 13	0 48	22 31	1 2	0 34	15 0	1 36	1 17	19 40	14 7	0 8
S 6	22 18	28 22	5 2	22 16	1 18	17 51	1 36	22 7	0 4	15 37	1 10	21 42	1 12	7 13	0 48	22 31	1 2	0 33	15 0	1 40	1 19	19 37	14 8	0 8
M 7	22 10	28 28	4 59	22 30	1 4	17 28	1 35	22 13	0 5	15 39	1 10	21 43	1 12	7 14	0 48	22 31	1 2	0 33	14 59	1 45	1 20	19 35	14 8	0 8
T 8	22 1	27 11	4 42	22 43	0 50	17 5	1 35	22 20	0 6	15 41	1 10	21 44	1 12	7 14	0 48	22 31	1 2	0 32	14 59	1 50	1 21	19 32	14 9	0 8
W 9	21 52	24 39	4 13	22 55	0 36	16 42	1 34	22 26	0 6	15 43	1 10	21 45	1 12	7 15	0 48	22 31	1 2	0 32	14 58	1 54	1 22	19 30	14 9	0 9
T 10	21 43	21 5	3 33	23 5	0 23	16 18	1 33	22 32	0 7	15 45	1 10	21 45	1 12	7 15	0 48	22 31	1 2	0 31	14 58	1 58	1 24	19 27	14 10	0 9
F 11	21 34	16 41	2 44	23 14	0 10	15 54	1 32	22 38	0 8	15 47	1 11	21 46	1 12	7 16	0 48	22 31	1 2	0 31	14 57	2 1	1 25	19 24	14 10	0 9
S 12	21 24	11 40	1 48	23 20	0n 3	15 30	1 31	22 44	0 9	15 50	1 11	21 47	1 12	7 16	0 48	22 31	1 2	0 30	14 56	2 2	1 26	19 22	14 11	0 9
S 13	21 13	6 14	0 47	23 25	0 15	15 5	1 30	22 49	0 9	15 52	1 11	21 47	1 12	7 17	0 48	22 31	1 2	0 30	14 56	2 3	1 28	19 19	14 11	0 9
M14	21 3	0 32	0n17	23 27	0 26	14 39	1 29	22 54	0 10	15 54	1 11	21 48	1 12	7 17	0 48	22 32	1 1	0 29	14 55	2 3	1 29	19 16	14 12	0 9
T 15	20 52	5n16	1 21	23 26	0 37	14 14	1 28	22 59	0 11	15 56	1 12	21 48	1 12	7 18	0 48	22 32	1 1	0 29	14 55	2 3	1 30	19 13	14 12	0 9
W16	20 40	10 59	2 22	23 23	0 47	13 47	1 27	23 4	0 12	15 59	1 12	21 49	1 12	7 19	0 48	22 32	1 1	0 28	14 54	2 3	1 31	19 11	14 12	0 9
T 17	20 29	16 25	3 19	23 17	0 57	13 21	1 26	23 9	0 12	16 1	1 12	21 50	1 12	7 19	0 48	22 32	1 1	0 27	14 54	2 3	1 33	19 8	14 13	0 9
F 18	20 17	21 17	4 7	23 9	1 5	12 54	1 24	23 14	0 13	16 4	1 12	21 50	1 12	7 20	0 48	22 32	1 1	0 27	14 53	2 4	1 34	19 5	14 13	0 9
S 19	20 4	25 14	4 43	22 58	1 13	12 27	1 23	23 18	0 14	16 6	1 12	21 51	1 12	7 20	0 48	22 32	1 1	0 26	14 53	2 5	1 35	19 3	14 13	0 9
S 20	19 52	27 50	5 3	22 44	1 20	12 0	1 21	23 22	0 15	16 8	1 13	21 51	1 12	7 21	0 48	22 32	1 1	0 26	14 52	2 7	1 36	19 0	14 13	0 10
M21	19 39	28 39	5 5	22 27	1 26	11 32	1 20	23 26	0 15	16 11	1 13	21 52	1 12	7 22	0 48	22 32	1 1	0 25	14 51	2 10	1 38	18 57	14 14	0 10
T 22	19 25	27 28	4 47	22 8	1 31	11 4	1 18	23 30	0 16	16 13	1 13	21 52	1 12	7 22	0 48	22 32	1 1	0 24	14 51	2 13	1 39	18 55	14 14	0 10
W23	19 11	24 15	4 9	21 47	1 36	10 35	1 17	23 33	0 17	16 16	1 13	21 53	1 12	7 23	0 48	22 32	1 1	0 24	14 50	2 16	1 40	18 52	14 14	0 10
T 24	18 57	19 20	3 13	21 23	1 39	10 7	1 15	23 36	0 18	16 18	1 13	21 53	1 12	7 24	0 48	22 32	1 1	0 23	14 50	2 18	1 42	18 49	14 14	0 10
F 25	18 43	13 12	2 3	20 57	1 42	9 38	1 13	23 40	0 18	16 21	1 14	21 54	1 12	7 24	0 48	22 32	1 1	0 22	14 49	2 20	1 43	18 46	14 15	0 10
S 26	18 28	6 24	0 46	20 28	1 44	9 9	1 11	23 42	0 19	16 23	1 14	21 54	1 12	7 25	0 48	22 32	1 1	0 22	14 49	2 21	1 44	18 44	14 15	0 10
S 27	18 13	0s34	0s33	19 58	1 46	8 39	1 9	23 45	0 20	16 26	1 14	21 55	1 12	7 26	0 48	22 32	1 1	0 21	14 48	2 21	1 45	18 41	14 15	0 10
M28	17 58	7 20	1 47	19 27	1 46	8 10	1 7	23 48	0 21	16 28	1 14	21 55	1 13	7 27	0 48	22 32	1 1	0 20	14 47	2 21	1 47	18 38	14 15	0 10
T 29	17 42	13 33	2 53	18 53	1 46	7 40	1 5	23 50	0 22	16 31	1 14	21 56	1 13	7 27	0 48	22 32	1 1	0 20	14 47	2 20	1 48	18 35	14 15	0 10
W30	17 26	18 57	3 48	18 18	1 46	7 10	1 2	23 52	0 22	16 34	1 14	21 56	1 13	7 28	0 48	22 32	1 1	0 19	14 46	2 20	1 49	18 33	14 15	0 10
T 31	17n10	23s19	4s29	17n42	1n44	6n40	1n 0	23n54	0n23	16s36	1s14	21n57	1s13	7s29	0s48	22s32	1n 1	0n18	14n46	2s20	1s50	18s30	14n15	0s11

Julian Day Number = 2086854.5, Delta T = 24m16s
Ecliptic obliquity = 23°34'16, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'24, Lahiri = 9°56'25 Julian Calendar 1 July 1001 == Greg. Calendar 7 July 1001

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1001
geocentric

AUGUST 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 59 20	13♌22'35	7♐ 4	18♌13	16♍42	26♊57	18°R11	19♊34	12°R54	27°R16	6♏12	24°R 7	25♓21	18♒ 6	8♉32	F 1
S 2	21 3 17	14°20'23	19°29	20° 8	17°54	27°35	18♒ 3	19°40	12♓52	27♐15	6°12	24♓ 2	25°17	18°13	8°32	S 2
S 3	21 7 14	15°18'13	1♑43	22° 1	19° 6	28°14	17°55	19°45	12°50	27°14	6°13	23°57	25°14	18°19	8°32	S 3
M 4	21 11 10	16°16'05	13°47	23°54	20°18	28°52	17°47	19°51	12°48	27°13	6°14	23°50	25°11	18°26	8°33	M 4
T 5	21 15 7	17°13'57	25°44	25°44	21°30	29°31	17°39	19°56	12°46	27°12	6°15	23°43	25° 8	18°33	8°33	T 5
W 6	21 19 3	18°11'52	7♒37	27°34	22°41	0♋ 9	17°32	20° 2	12°44	27°12	6°16	23°37	25° 5	18°39	8°33	W 6
T 7	21 23 0	19° 9'47	19°27	29°22	23°53	0°47	17°24	20° 7	12°42	27°11	6°16	23°32	25° 2	18°46	8°33	T 7
F 8	21 26 56	20° 7'45	1♓16	1♍ 9	25° 5	1°26	17°16	20°12	12°39	27°10	6°17	23°28	24°58	18°53	8°R33	F 8
S 9	21 30 53	21° 5'43	13° 7	2°54	26°16	2° 4	17° 8	20°17	12°37	27° 9	6°18	23°26	24°55	18°59	8°33	S 9
S 10	21 34 49	22° 3'44	25° 1	4°39	27°28	2°42	17° 0	20°22	12°35	27° 8	6°19	23°D26	24°52	19° 6	8°33	S 10
M11	21 38 46	23° 1'47	7♈ 1	6°22	28°40	3°20	16°52	20°27	12°33	27° 8	6°20	23°26	24°49	19°13	8°33	M11
T 12	21 42 42	23°59'51	19°11	8° 3	29°51	3°58	16°44	20°32	12°31	27° 7	6°21	23°28	24°46	19°19	8°33	T 12
W13	21 46 39	24°57'58	1♉35	9°44	1♎ 3	4°35	16°37	20°37	12°28	27° 6	6°22	23°29	24°42	19°26	8°32	W13
T 14	21 50 36	25°56'06	14°16	11°23	2°14	5°13	16°29	20°42	12°26	27° 6	6°23	23°31	24°39	19°33	8°32	T 14
F 15	21 54 32	26°54'17	27°18	13° 1	3°25	5°51	16°21	20°46	12°24	27° 5	6°25	23°R31	24°36	19°39	8°32	F 15
S 16	21 58 29	27°52'29	10♊44	14°38	4°37	6°29	16°14	20°51	12°21	27° 4	6°26	23°31	24°33	19°46	8°31	S 16
S 17	22 2 25	28°50'44	24°37	16°14	5°48	7° 6	16° 6	20°56	12°19	27° 4	6°27	23°29	24°30	19°53	8°31	S 17
M18	22 6 22	29°49'01	8♋56	17°48	6°59	7°44	15°59	21° 0	12°17	27° 3	6°28	23°26	24°27	19°59	8°30	M18
T 19	22 10 18	0♍47'20	23°39	19°22	8°10	8°21	15°51	21° 4	12°14	27° 3	6°29	23°23	24°23	20° 6	8°29	T 19
W20	22 14 15	1°45'41	8♌39	20°54	9°22	8°58	15°44	21° 9	12°12	27° 2	6°31	23°20	24°20	20°13	8°29	W20
T 21	22 18 12	2°44'04	23°50	22°25	10°33	9°36	15°37	21°13	12°10	27° 2	6°32	23°18	24°17	20°19	8°28	T 21
F 22	22 22 8	3°42'29	9♍ 0	23°55	11°44	10°13	15°30	21°17	12° 7	27° 1	6°33	23°17	24°14	20°26	8°27	F 22
S 23	22 26 5	4°40'56	24° 2	25°23	12°55	10°50	15°23	21°21	12° 5	27° 1	6°35	23°D16	24°11	20°33	8°26	S 23
S 24	22 30 1	5°39'24	8♎46	26°51	14° 6	11°27	15°16	21°25	12° 3	27° 1	6°36	23°17	24° 7	20°39	8°25	S 24
M25	22 33 58	6°37'54	23° 6	28°17	15°17	12° 4	15° 9	21°28	12° 0	27° 0	6°38	23°18	24° 4	20°46	8°24	M25
T 26	22 37 54	7°36'26	7♏ 0	29°42	16°28	12°40	15° 2	21°32	11°58	27° 0	6°39	23°19	24° 1	20°53	8°23	T 26
W27	22 41 51	8°35'00	20°28	1♎ 6	17°38	13°17	14°55	21°36	11°55	27° 0	6°40	23°20	23°58	20°59	8°22	W27
T 28	22 45 47	9°33'35	3♐31	2°29	18°49	13°54	14°49	21°39	11°53	27° 0	6°42	23°21	23°55	21° 6	8°21	T 28
F 29	22 49 44	10°32'13	16°12	3°50	20° 0	14°30	14°42	21°43	11°51	26°59	6°44	23°R21	23°52	21°13	8°20	F 29
S 30	22 53 40	11°30'51	28°35	5°10	21°10	15° 7	14°36	21°46	11°48	26°59	6°45	23°20	23°48	21°19	8°19	S 30
S 31	22 57 37	12♍29'32	10♑43	6♎29	22♎21	15♋43	14♒30	21♊49	11♓46	26♐59	6♏47	23♓19	23♓45	21♒26	8♉17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n54	26s29	4s56	17n 5	1n43	6n10	0n58	23n56	0n24	16s39	1s15	21n57	1s13	7s30	0s48	22s32	1n 1	0n17	14n45	2s21	1s52	18s27	14n15	0s11
S 2	16 37	28 17	5 9	16 26	1 40	5 39	0 55	23 58	0 25	16 41	1 15	21 58	1 13	7 30	0 48	22 32	1 1	0 17	14 45	2 23	1 53	18 24	14 15	0 11
S 3	16 20	28 41	5 7	15 47	1 37	5 9	0 53	23 59	0 26	16 44	1 15	21 58	1 13	7 31	0 48	22 32	1 1	0 16	14 44	2 25	1 54	18 22	14 15	0 11
M 4	16 3	27 41	4 52	15 7	1 34	4 38	0 50	24 0	0 26	16 46	1 15	21 58	1 13	7 32	0 48	22 32	1 1	0 15	14 44	2 28	1 55	18 19	14 15	0 11
T 5	15 45	25 25	4 23	14 26	1 30	4 7	0 48	24 1	0 27	16 49	1 15	21 59	1 13	7 33	0 48	22 32	1 1	0 14	14 43	2 30	1 57	18 16	14 15	0 11
W 6	15 28	22 4	3 44	13 44	1 26	3 36	0 45	24 2	0 28	16 51	1 15	21 59	1 13	7 34	0 48	22 32	1 1	0 14	14 42	2 33	1 58	18 13	14 15	0 11
T 7	15 10	17 50	2 55	13 2	1 22	3 5	0 42	24 3	0 29	16 54	1 15	22 0	1 13	7 35	0 48	22 32	1 1	0 13	14 42	2 35	1 59	18 11	14 15	0 11
F 8	14 51	12 55	1 58	12 19	1 17	2 34	0 39	24 3	0 30	16 57	1 15	22 0	1 13	7 35	0 48	22 32	1 1	0 12	14 41	2 36	2 1	18 8	14 15	0 11
S 9	14 33	7 32	0 56	11 36	1 12	2 3	0 36	24 4	0 30	16 59	1 15	22 0	1 13	7 36	0 48	22 32	1 1	0 11	14 41	2 37	2 2	18 5	14 15	0 11
S 10	14 14	1 52	0n 9	10 53	1 6	1 32	0 34	24 4	0 31	17 1	1 16	22 1	1 13	7 37	0 48	22 32	1 1	0 10	14 40	2 37	2 3	18 2	14 15	0 11
M11	13 55	3n56	1 14	10 9	1 0	1 0	0 31	24 4	0 32	17 4	1 16	22 1	1 13	7 38	0 48	22 32	1 1	0 10	14 40	2 37	2 4	17 59	14 15	0 12
T 12	13 36	9 39	2 17	9 26	0 54	0 29	0 28	24 3	0 33	17 6	1 16	22 1	1 13	7 39	0 48	22 32	1 1	0 9	14 39	2 37	2 6	17 57	14 15	0 12
W13	13 16	15 7	3 14	8 42	0 48	0s 3	0 24	24 3	0 34	17 9	1 16	22 2	1 13	7 40	0 48	22 32	1 0	0 8	14 39	2 36	2 7	17 54	14 15	0 12
T 14	12 57	20 5	4 4	7 58	0 41	0 34	0 21	24 2	0 34	17 11	1 16	22 2	1 13	7 41	0 48	22 32	1 0	0 7	14 38	2 35	2 8	17 51	14 14	0 12
F 15	12 37	24 14	4 42	7 14	0 34	1 5	0 18	24 2	0 35	17 14	1 16	22 2	1 13	7 42	0 48	22 32	1 0	0 6	14 38	2 35	2 9	17 48	14 14	0 12
S 16	12 17	27 14	5 7	6 30	0 27	1 37	0 15	24 1	0 36	17 16	1 16	22 2	1 13	7 42	0 48	22 32	1 0	0 5	14 37	2 35	2 11	17 45	14 14	0 12
S 17	11 56	28 42	5 14	5 46	0 20	2 8	0 12	24 0	0 37	17 18	1 16	22 3	1 13	7 43	0 48	22 32	1 0	0 5	14 37	2 36	2 12	17 43	14 14	0 12
M18	11 36	28 19	5 3	5 3	0 13	2 40	0 8	23 58	0 38	17 21	1 16	22 3	1 13	7 44	0 49	22 32	1 0	0 4	14 36	2 37	2 13	17 40	14 13	0 12
T 19	11 15	25 57	4 32	4 19	0 6	3 11	0 5	23 57	0 39	17 23	1 16	22 3	1 13	7 45	0 49	22 32	1 0	0 3	14 36	2 38	2 14	17 37	14 13	0 12
W20	10 54	21 46	3 42	3 36	0s 2	3 42	0 1	23 55	0 39	17 25	1 16	22 3	1 13	7 46	0 49	22 32	1 0	0 2	14 35	2 39	2 16	17 34	14 13	0 12
T 21	10 33	16 6	2 35	2 53	0 10	4 14	0s 2	23 54	0 40	17 27	1 16	22 4	1 13	7 47	0 49	22 32	1 0	0 1	14 35	2 40	2 17	17 31	14 12	0 12
F 22	10 12	9 26	1 18	2 10	0 17	4 45	0 6	23 52	0 41	17 29	1 16	22 4	1 13	7 48	0 49	22 32	1 0	0 0	14 34	2 41	2 18	17 28	14 12	0 13
S 23	9 51	2 19	0s 4	1 27	0 25	5 16	0 9	23 49	0 42	17 31	1 16	22 4	1 13	7 49	0 49	22 32	1 0	0s 1	14 34	2 41	2 19	17 25	14 12	0 13
S 24	9 29	4s47	1 25	0 45	0 33	5 47	0 13	23 47	0 43	17 34	1 16	22 4	1 13	7 50	0 49	22 32	1 0	0 2	14 33	2 41	2 21	17 23	14 11	0 13
M25	9 8	11 28	2 38	0 3	0 41	6 18	0 16	23 45	0 44	17 36	1 16	22 5	1 13	7 51	0 49	22 32	1 0	0 3	14 33	2 41	2 22	17 20	14 11	0 13
T 26	8 46	17 22	3 39	0s38	0 49	6 49	0 20	23 42	0 45	17 38	1 16	22 5	1 13	7 52	0 49	22 32	1 0	0 3	14 32	2 40	2 23	17 17	14 11	0 13
W27	8 24	22 14	4 26	1 19	0 57	7 19	0 24	23 39	0 45	17 40	1 16	22 5	1 13	7 52	0 49	22 32	1 0	0 4	14 32	2 40	2 25	17 14	14 10	0 13
T 28	8 2	25 51	4 58	1 59	1 5	7 50	0 27	23 37	0 46	17 41	1 16	22 5	1 13	7 53	0 49	22 32	1 0	0 5	14 31	2 39	2 26	17 11	14 10	0 13
F 29	7 39	28 4	5 14	2 39	1 13	8 20	0 31	23 33	0 47	17 43	1 16	22 5	1 14	7 54	0 49	22 32	1 0	0 6	14 31	2 39	2 27	17 8	14 9	0 13
S 30	7 17	28 49	5 15	3 18	1 21	8 50	0 35	23 30	0 48	17 45	1 16	22 5	1 14	7 55	0 49	22 32	1 0	0 7	14 30	2 40	2 28	17 5	14 9	0 13
S 31	6n55	28s 9	5s 2	3s57	1s29	9s20	0s38	23n27	0n49	17s47	1s16	22n 6	1s14	7s56	0s49	22s32	1n 0	0s 8	14n30	2s40	2s30	17s 3	14n 8	0s13

Julian Day Number = 2086885.5, Delta T = 24m15s
Ecliptic obliquity = 23°34'16, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'28, Lahiri = 9°56'29 Julian Calendar 1 Aug. 1001 == Greg. Calendar 7 Aug. 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

SEPTEMBER 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 1 34	13♍28'14	22♉42	7♎46	23♎31	16♋20	14°R24	21♊52	11°R43	26°R59	6♏48	23°R18	23♓42	21♒33	8°R16	M 1
T 2	23 5 30	14°26'59	4♒35	9° 2	24°42	16°56	14♒18	21°55	11♓41	26♐59	6°50	23♓16	23°39	21°39	8♉15	T 2
W 3	23 9 27	15°25'45	16°24	10°16	25°52	17°32	14°13	21°58	11°39	26°D59	6°52	23°15	23°36	21°46	8°13	W 3
T 4	23 13 23	16°24'32	28°14	11°28	27° 2	18° 8	14° 7	22° 1	11°36	26°59	6°53	23°14	23°33	21°53	8°12	T 4
F 5	23 17 20	17°23'22	10♓ 6	12°39	28°13	18°44	14° 2	22° 4	11°34	26°59	6°55	23°14	23°29	21°59	8°10	F 5
S 6	23 21 16	18°22'14	22° 2	13°48	29°23	19°20	13°56	22° 6	11°31	26°59	6°57	23°D14	23°26	22° 6	8° 8	S 6
S 7	23 25 13	19°21'08	4♈ 5	14°55	0♏33	19°56	13°51	22° 9	11°29	26°59	6°59	23°14	23°23	22°13	8° 7	S 7
M 8	23 29 9	20°20'04	16°17	16° 0	1°43	20°31	13°46	22°11	11°27	26°59	7° 0	23°14	23°20	22°19	8° 5	M 8
T 9	23 33 6	21°19'02	28°39	17° 2	2°53	21° 7	13°42	22°14	11°24	26°59	7° 2	23°14	23°17	22°26	8° 3	T 9
W10	23 37 3	22°18'02	11♉14	18° 2	4° 2	21°42	13°37	22°16	11°22	27° 0	7° 4	23°14	23°13	22°33	8° 1	W10
T 11	23 40 59	23°17'05	24° 3	19° 0	5°12	22°18	13°33	22°18	11°20	27° 0	7° 6	23°R14	23°10	22°39	8° 0	T 11
F 12	23 44 56	24°16'10	7♊ 9	19°55	6°22	22°53	13°28	22°20	11°17	27° 0	7° 8	23°14	23° 7	22°46	7°58	F 12
S 13	23 48 52	25°15'18	20°33	20°46	7°31	23°28	13°24	22°22	11°15	27° 1	7°10	23°D14	23° 4	22°53	7°56	S 13
S 14	23 52 49	26°14'28	4♋18	21°34	8°41	24° 3	13°20	22°23	11°13	27° 1	7°12	23°14	23° 1	22°59	7°54	S 14
M15	23 56 45	27°13'40	18°24	22°19	9°50	24°38	13°17	22°25	11°10	27° 1	7°14	23°14	22°58	23° 6	7°52	M15
T 16	0 0 42	28°12'55	2♌48	22°59	11° 0	25°13	13°13	22°27	11° 8	27° 2	7°16	23°15	22°54	23°13	7°49	T 16
W17	0 4 38	29°12'12	17°29	23°36	12° 9	25°48	13°10	22°28	11° 6	27° 2	7°18	23°15	22°51	23°19	7°47	W17
T 18	0 8 35	0♎11'31	2♍20	24° 7	13°18	26°23	13° 7	22°29	11° 4	27° 3	7°20	23°16	22°48	23°26	7°45	T 18
F 19	0 12 32	1°10'53	17°16	24°33	14°27	26°57	13° 4	22°31	11° 1	27° 3	7°22	23°R16	22°45	23°33	7°43	F 19
S 20	0 16 28	2°10'16	2♎ 8	24°54	15°36	27°32	13° 1	22°32	10°59	27° 4	7°24	23°16	22°42	23°39	7°41	S 20
S 21	0 20 25	3° 9'42	16°49	25° 8	16°45	28° 6	12°58	22°33	10°57	27° 4	7°26	23°16	22°39	23°46	7°38	S 21
M22	0 24 21	4° 9'10	1♏12	25°16	17°54	28°40	12°56	22°34	10°55	27° 5	7°28	23°15	22°35	23°53	7°36	M22
T 23	0 28 18	5° 8'40	15°12	25°R17	19° 2	29°14	12°54	22°34	10°53	27° 5	7°30	23°13	22°32	23°59	7°33	T 23
W24	0 32 14	6° 8'11	28°46	25°10	20°11	29°48	12°52	22°35	10°50	27° 6	7°32	23°11	22°29	24° 6	7°31	W24
T 25	0 36 11	7° 7'45	11♐55	24°55	21°19	0♌22	12°50	22°36	10°48	27° 7	7°34	23°10	22°26	24°13	7°29	T 25
F 26	0 40 7	8° 7'20	24°40	24°31	22°28	0°56	12°48	22°36	10°46	27° 8	7°36	23° 9	22°23	24°19	7°26	F 26
S 27	0 44 4	9° 6'58	7♑ 5	23°59	23°36	1°30	12°47	22°36	10°44	27° 8	7°39	23°D 8	22°19	24°26	7°23	S 27
S 28	0 48 1	10° 6'36	19°13	23°18	24°44	2° 3	12°46	22°37	10°42	27° 9	7°41	23° 9	22°16	24°33	7°21	S 28
M29	0 51 57	11° 6'17	1♒11	22°29	25°52	2°37	12°45	22°R37	10°40	27°10	7°43	23° 9	22°13	24°39	7°18	M29
T 30	0 55 54	12♎ 6'00	13♒ 2	21♎32	27♏ 0	3♌10	12♒44	22♊37	10♓38	27♐11	7♏45	23♓11	22♓10	24♒46	7♉16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n32	26s11	4s36	4s35	1s37	9s50	0s42	23n23	0n50	17s49	1s16	22n 6	1s14	7s57	0s49	22s33	1n 0	0s 9	14n29	2s41	2s31	17s 0	14n 8	0s13
T 2	6 9	23 5	3 58	5 12	1 45	10 20	0 46	23 20	0 51	17 50	1 16	22 6	1 14	7 58	0 49	22 33	1 0	0 10	14 29	2 41	2 32	16 57	14 7	0 14
W 3	5 46	19 2	3 10	5 49	1 53	10 49	0 50	23 16	0 52	17 52	1 16	22 6	1 14	7 59	0 49	22 33	1 0	0 11	14 29	2 42	2 33	16 54	14 7	0 14
T 4	5 24	14 15	2 14	6 24	2 0	11 18	0 54	23 12	0 52	17 53	1 16	22 6	1 14	8 0	0 49	22 33	1 0	0 12	14 28	2 42	2 35	16 51	14 6	0 14
F 5	5 1	8 56	1 12	6 59	2 8	11 47	0 57	23 8	0 53	17 55	1 16	22 6	1 14	8 1	0 49	22 33	1 0	0 13	14 28	2 42	2 36	16 48	14 5	0 14
S 6	4 37	3 17	0 7	7 33	2 15	12 16	1 1	23 4	0 54	17 56	1 16	22 6	1 14	8 2	0 49	22 33	0 59	0 14	14 27	2 42	2 37	16 45	14 5	0 14
S 7	4 14	2n33	1n 0	8 6	2 23	12 44	1 5	23 0	0 55	17 58	1 16	22 6	1 14	8 3	0 49	22 33	0 59	0 15	14 27	2 42	2 38	16 42	14 4	0 14
M 8	3 51	8 21	2 5	8 37	2 30	13 13	1 9	22 55	0 56	17 59	1 15	22 6	1 14	8 3	0 49	22 33	0 59	0 16	14 26	2 42	2 40	16 39	14 3	0 14
T 9	3 28	13 55	3 4	9 8	2 36	13 40	1 13	22 50	0 57	18 1	1 15	22 7	1 14	8 4	0 49	22 33	0 59	0 16	14 26	2 42	2 41	16 36	14 3	0 14
W10	3 4	19 1	3 56	9 37	2 43	14 8	1 17	22 46	0 58	18 2	1 15	22 7	1 14	8 5	0 48	22 33	0 59	0 17	14 26	2 42	2 42	16 34	14 2	0 14
T 11	2 41	23 22	4 37	10 5	2 49	14 35	1 20	22 41	0 59	18 3	1 15	22 7	1 14	8 6	0 48	22 33	0 59	0 18	14 25	2 42	2 44	16 31	14 1	0 14
F 12	2 17	26 38	5 5	10 32	2 55	15 2	1 24	22 36	1 0	18 4	1 15	22 7	1 14	8 7	0 48	22 33	0 59	0 19	14 25	2 42	2 45	16 28	14 1	0 15
S 13	1 54	28 30	5 17	10 56	3 1	15 29	1 28	22 31	1 1	18 5	1 15	22 7	1 14	8 8	0 48	22 33	0 59	0 20	14 24	2 42	2 46	16 25	14 0	0 15
S 14	1 30	28 42	5 12	11 20	3 6	15 55	1 32	22 26	1 2	18 6	1 15	22 7	1 14	8 9	0 48	22 33	0 59	0 21	14 24	2 42	2 47	16 22	13 59	0 15
M15	1 6	27 3	4 48	11 41	3 11	16 21	1 36	22 20	1 3	18 7	1 15	22 7	1 14	8 10	0 48	22 33	0 59	0 22	14 24	2 42	2 49	16 19	13 58	0 15
T 16	0 43	23 37	4 5	12 0	3 15	16 47	1 39	22 15	1 3	18 8	1 15	22 7	1 14	8 11	0 48	22 33	0 59	0 23	14 23	2 42	2 50	16 16	13 58	0 15
W17	0 19	18 38	3 6	12 17	3 18	17 12	1 43	22 9	1 4	18 9	1 15	22 7	1 14	8 11	0 48	22 33	0 59	0 24	14 23	2 41	2 51	16 13	13 57	0 15
T 18	0s 5	12 28	1 54	12 31	3 21	17 37	1 47	22 4	1 5	18 10	1 15	22 7	1 15	8 12	0 48	22 33	0 59	0 25	14 23	2 41	2 52	16 10	13 56	0 15
F 19	0 28	5 34	0 33	12 43	3 24	18 1	1 50	21 58	1 6	18 11	1 14	22 7	1 15	8 13	0 48	22 33	0 59	0 26	14 22	2 41	2 54	16 7	13 55	0 15
S 20	0 52	1s36	0s49	12 52	3 25	18 25	1 54	21 52	1 7	18 11	1 14	22 7	1 15	8 14	0 48	22 33	0 59	0 27	14 22	2 41	2 55	16 4	13 54	0 15
S 21	1 16	8 36	2 7	12 58	3 25	18 49	1 58	21 46	1 8	18 12	1 14	22 7	1 15	8 15	0 48	22 34	0 59	0 28	14 22	2 41	2 56	16 1	13 54	0 15
M22	1 40	15 0	3 15	13 0	3 25	19 12	2 1	21 40	1 9	18 12	1 14	22 7	1 15	8 16	0 48	22 34	0 59	0 29	14 21	2 42	2 57	15 58	13 53	0 15
T 23	2 3	20 27	4 10	12 58	3 23	19 35	2 5	21 34	1 10	18 13	1 14	22 7	1 15	8 16	0 48	22 34	0 59	0 30	14 21	2 42	2 59	15 55	13 52	0 16
W24	2 27	24 41	4 48	12 53	3 20	19 57	2 8	21 28	1 11	18 13	1 14	22 7	1 15	8 17	0 48	22 34	0 59	0 31	14 21	2 43	3 0	15 52	13 51	0 16
T 25	2 51	27 28	5 10	12 43	3 15	20 19	2 12	21 21	1 12	18 14	1 14	22 7	1 15	8 18	0 48	22 34	0 59	0 32	14 20	2 44	3 1	15 49	13 50	0 16
F 26	3 14	28 44	5 16	12 28	3 9	20 40	2 15	21 15	1 13	18 14	1 14	22 7	1 15	8 19	0 48	22 34	0 59	0 33	14 20	2 44	3 2	15 46	13 49	0 16
S 27	3 38	28 30	5 7	12 9	3 1	21 1	2 19	21 8	1 14	18 14	1 13	22 7	1 15	8 19	0 48	22 34	0 59	0 34	14 20	2 44	3 4	15 43	13 48	0 16
S 28	4 2	26 52	4 44	11 45	2 51	21 21	2 22	21 2	1 15	18 15	1 13	22 7	1 15	8 20	0 48	22 34	0 59	0 34	14 20	2 44	3 5	15 40	13 47	0 16
M29	4 25	24 4	4 10	11 16	2 40	21 41	2 25	20 55	1 16	18 15	1 13	22 7	1 15	8 21	0 48	22 34	0 58	0 35	14 19	2 44	3 6	15 37	13 46	0 16
T 30	4s49	20s16	3s24	10s42	2s26	22s 0	2s29	20n48	1n17	18s15	1s13	22n 7	1s15	8s22	0s48	22s34	0n58	0s36	14n19	2s43	3s 7	15s34	13n45	0s16

Julian Day Number = 2086916.5, Delta T = 24m15s
Ecliptic obliquity = 23°34'16, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'33, Lahiri = 9°56'33 Julian Calendar 1 Sept. 1001 == Greg. Calendar 7 Sept. 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

OCTOBER 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 59 50	13♎ 5'44	24♒50	20°R28	28♏ 7	3♌43	12°R43	22°R37	10°R36	27♐12	7♏47	23♓13	22♓ 7	24♒53	7°R13	W 1
T 2	1 3 47	14° 5'30	6♓41	19♎19	29°15	4°16	12♒43	22♊36	10♓34	27°13	7°50	23°14	22° 4	24°59	7♉10	T 2
F 3	1 7 43	15° 5'18	18°37	18° 5	0♐22	4°49	12°D43	22°36	10°33	27°14	7°52	23°R15	22° 0	25° 6	7° 7	F 3
S 4	1 11 40	16° 5'07	0♈42	16°49	1°29	5°22	12°43	22°36	10°31	27°15	7°54	23°15	21°57	25°13	7° 5	S 4
S 5	1 15 36	17° 4'59	12°58	15°34	2°36	5°54	12°43	22°35	10°29	27°16	7°56	23°13	21°54	25°19	7° 2	S 5
M 6	1 19 33	18° 4'53	25°25	14°20	3°43	6°27	12°43	22°34	10°27	27°17	7°59	23°11	21°51	25°26	6°59	M 6
T 7	1 23 29	19° 4'48	8♉ 6	13°12	4°50	6°59	12°44	22°34	10°25	27°18	8° 1	23° 7	21°48	25°33	6°56	T 7
W 8	1 27 26	20° 4'46	21° 1	12°10	5°57	7°31	12°45	22°33	10°24	27°19	8° 3	23° 3	21°44	25°39	6°53	W 8
T 9	1 31 23	21° 4'46	4♊ 8	11°17	7° 3	8° 3	12°46	22°32	10°22	27°20	8° 6	22°58	21°41	25°46	6°51	T 9
F 10	1 35 19	22° 4'48	17°29	10°34	8° 9	8°35	12°47	22°31	10°21	27°21	8° 8	22°54	21°38	25°53	6°48	F 10
S 11	1 39 16	23° 4'52	1♋ 2	10° 2	9°15	9° 7	12°49	22°29	10°19	27°22	8°10	22°51	21°35	25°59	6°45	S 11
S 12	1 43 12	24° 4'59	14°48	9°41	10°21	9°39	12°50	22°28	10°17	27°24	8°13	22°49	21°32	26° 6	6°42	S 12
M13	1 47 9	25° 5'07	28°46	9°D32	11°27	10°10	12°52	22°27	10°16	27°25	8°15	22°D49	21°29	26°13	6°39	M13
T 14	1 51 5	26° 5'18	12♌55	9°34	12°32	10°42	12°54	22°25	10°14	27°26	8°18	22°50	21°25	26°19	6°36	T 14
W15	1 55 2	27° 5'31	27°14	9°47	13°37	11°13	12°56	22°23	10°13	27°28	8°20	22°51	21°22	26°26	6°33	W15
T 16	1 58 58	28° 5'46	11♍40	10°11	14°42	11°44	12°59	22°22	10°12	27°29	8°22	22°53	21°19	26°33	6°30	T 16
F 17	2 2 55	29° 6'03	26°10	10°43	15°47	12°15	13° 2	22°20	10°10	27°30	8°25	22°R53	21°16	26°39	6°27	F 17
S 18	2 6 52	0♏ 6'22	10♎39	11°25	16°52	12°45	13° 4	22°18	10° 9	27°32	8°27	22°52	21°13	26°46	6°24	S 18
S 19	2 10 48	1° 6'42	25° 2	12°14	17°56	13°16	13° 7	22°16	10° 8	27°33	8°29	22°49	21°10	26°53	6°21	S 19
M20	2 14 45	2° 7'05	9♏13	13°10	19° 0	13°46	13°11	22°13	10° 6	27°35	8°32	22°44	21° 6	26°59	6°18	M20
T 21	2 18 41	3° 7'30	23° 6	14°11	20° 4	14°16	13°14	22°11	10° 5	27°36	8°34	22°37	21° 3	27° 6	6°15	T 21
W22	2 22 38	4° 7'56	6♐39	15°18	21° 8	14°46	13°18	22° 9	10° 4	27°38	8°37	22°30	21° 0	27°13	6°12	W22
T 23	2 26 34	5° 8'23	19°49	16°30	22°11	15°16	13°21	22° 6	10° 3	27°39	8°39	22°23	20°57	27°19	6° 9	T 23
F 24	2 30 31	6° 8'52	2♑37	17°45	23°14	15°46	13°25	22° 4	10° 2	27°41	8°42	22°17	20°54	27°26	6° 6	F 24
S 25	2 34 27	7° 9'23	15° 4	19° 4	24°17	16°15	13°30	22° 1	10° 1	27°42	8°44	22°12	20°50	27°33	6° 3	S 25
S 26	2 38 24	8° 9'55	27°14	20°25	25°19	16°44	13°34	21°58	10° 0	27°44	8°46	22° 9	20°47	27°39	5°59	S 26
M27	2 42 21	9°10'28	9♒12	21°49	26°21	17°13	13°39	21°55	9°59	27°45	8°49	22°D 9	20°44	27°46	5°56	M27
T 28	2 46 17	10°11'02	21° 2	23°15	27°23	17°42	13°43	21°52	9°58	27°47	8°51	22° 9	20°41	27°52	5°53	T 28
W29	2 50 14	11°11'38	2♓51	24°42	28°24	18°11	13°48	21°49	9°58	27°49	8°54	22°11	20°38	27°59	5°50	W29
T 30	2 54 10	12°12'15	14°42	26°10	29°25	18°39	13°53	21°46	9°57	27°51	8°56	22°12	20°35	28° 6	5°47	T 30
F 31	2 58 7	13♏12'53	26♓42	27♎40	0♑26	19♌ 7	13♒59	21♊43	9♓56	27♐52	8♏58	22°R12	20♓31	28♒12	5♉44	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s12	15s41	2s31	10s 4	2s11	22s19	2s32	20n42	1n18	18s15	1s13	22n 7	1s15	8s22	0s48	22s34	0n58	0s37	14n19	2s43	3s 9	15s31	13n44	0s16
T 2	5 35	10 30	1 30	9 22	1 54	22 37	2 35	20 35	1 19	18 15	1 13	22 7	1 15	8 23	0 48	22 34	0 58	0 38	14 19	2 42	3 10	15 28	13 43	0 16
F 3	5 59	4 55	0 26	8 36	1 36	22 55	2 38	20 28	1 20	18 15	1 13	22 7	1 15	8 24	0 48	22 34	0 58	0 39	14 18	2 42	3 11	15 25	13 42	0 16
S 4	6 22	0n54	0n41	7 49	1 16	23 12	2 41	20 21	1 21	18 15	1 12	22 7	1 15	8 24	0 48	22 34	0 58	0 40	14 18	2 42	3 13	15 22	13 41	0 17
S 5	6 45	6 47	1 46	7 1	0 56	23 28	2 44	20 14	1 22	18 14	1 12	22 7	1 15	8 25	0 48	22 34	0 58	0 41	14 18	2 42	3 14	15 19	13 40	0 17
M 6	7 8	12 29	2 48	6 14	0 36	23 44	2 47	20 7	1 23	18 14	1 12	22 6	1 15	8 26	0 48	22 34	0 58	0 42	14 18	2 43	3 15	15 16	13 39	0 17
T 7	7 31	17 47	3 42	5 28	0 15	24 0	2 49	19 59	1 24	18 14	1 12	22 6	1 15	8 26	0 48	22 34	0 58	0 43	14 17	2 45	3 16	15 13	13 38	0 17
W 8	7 53	22 22	4 26	4 45	0n 5	24 14	2 52	19 52	1 26	18 13	1 12	22 6	1 15	8 27	0 48	22 35	0 58	0 44	14 17	2 46	3 18	15 10	13 37	0 17
T 9	8 16	25 56	4 56	4 7	0 25	24 29	2 55	19 45	1 27	18 13	1 12	22 6	1 15	8 28	0 48	22 35	0 58	0 45	14 17	2 48	3 19	15 7	13 36	0 17
F 10	8 39	28 9	5 11	3 33	0 43	24 42	2 57	19 37	1 28	18 13	1 12	22 6	1 15	8 28	0 48	22 35	0 58	0 45	14 17	2 50	3 20	15 4	13 35	0 17
S 11	9 1	28 44	5 10	3 5	0 59	24 55	3 0	19 30	1 29	18 12	1 11	22 6	1 16	8 29	0 48	22 35	0 58	0 46	14 17	2 51	3 21	15 1	13 34	0 17
S 12	9 23	27 33	4 50	2 43	1 15	25 7	3 2	19 23	1 30	18 11	1 11	22 6	1 16	8 29	0 48	22 35	0 58	0 47	14 16	2 52	3 23	14 58	13 33	0 17
M13	9 46	24 39	4 14	2 27	1 28	25 19	3 4	19 15	1 31	18 11	1 11	22 6	1 16	8 30	0 48	22 35	0 58	0 48	14 16	2 52	3 24	14 55	13 32	0 17
T 14	10 8	20 14	3 21	2 17	1 39	25 30	3 6	19 8	1 32	18 10	1 11	22 6	1 16	8 30	0 48	22 35	0 58	0 49	14 16	2 52	3 25	14 52	13 31	0 17
W15	10 30	14 37	2 16	2 14	1 49	25 41	3 8	19 0	1 33	18 9	1 11	22 6	1 16	8 31	0 48	22 35	0 58	0 50	14 16	2 51	3 26	14 49	13 30	0 18
T 16	10 51	8 10	1 1	2 15	1 57	25 50	3 10	18 52	1 34	18 8	1 11	22 5	1 16	8 31	0 48	22 35	0 58	0 51	14 16	2 50	3 28	14 46	13 29	0 18
F 17	11 13	1 15	0s18	2 22	2 4	25 59	3 12	18 45	1 35	18 7	1 11	22 5	1 16	8 32	0 48	22 35	0 58	0 52	14 16	2 50	3 29	14 43	13 28	0 18
S 18	11 34	5s42	1 35	2 34	2 9	26 8	3 14	18 37	1 37	18 7	1 10	22 5	1 16	8 32	0 48	22 35	0 58	0 52	14 16	2 51	3 30	14 40	13 27	0 18
S 19	11 55	12 19	2 46	2 50	2 12	26 16	3 15	18 29	1 38	18 5	1 10	22 5	1 16	8 33	0 48	22 35	0 58	0 53	14 15	2 52	3 31	14 37	13 26	0 18
M20	12 17	18 12	3 45	3 10	2 14	26 23	3 17	18 22	1 39	18 4	1 10	22 5	1 16	8 33	0 48	22 35	0 58	0 54	14 15	2 54	3 33	14 34	13 25	0 18
T 21	12 37	23 0	4 30	3 33	2 16	26 29	3 18	18 14	1 40	18 3	1 10	22 5	1 16	8 34	0 48	22 35	0 58	0 55	14 15	2 57	3 34	14 31	13 23	0 18
W22	12 58	26 25	4 58	3 59	2 16	26 35	3 19	18 6	1 41	18 2	1 10	22 5	1 16	8 34	0 48	22 35	0 58	0 56	14 15	3 0	3 35	14 28	13 22	0 18
T 23	13 18	28 19	5 9	4 27	2 15	26 40	3 20	17 59	1 42	18 1	1 10	22 4	1 16	8 34	0 47	22 35	0 58	0 57	14 15	3 2	3 36	14 25	13 21	0 18
F 24	13 39	28 37	5 4	4 57	2 13	26 45	3 21	17 51	1 44	18 0	1 9	22 4	1 16	8 35	0 47	22 36	0 58	0 57	14 15	3 5	3 38	14 21	13 20	0 18
S 25	13 59	27 26	4 45	5 30	2 10	26 49	3 22	17 43	1 45	17 58	1 9	22 4	1 16	8 35	0 47	22 36	0 57	0 58	14 15	3 7	3 39	14 18	13 19	0 18
S 26	14 18	24 58	4 14	6 3	2 7	26 52	3 23	17 35	1 46	17 57	1 9	22 4	1 16	8 35	0 47	22 36	0 57	0 59	14 15	3 8	3 40	14 15	13 18	0 19
M27	14 38	21 27	3 31	6 38	2 4	26 54	3 23	17 28	1 47	17 55	1 9	22 4	1 16	8 36	0 47	22 36	0 57	1 0	14 15	3 8	3 41	14 12	13 17	0 19
T 28	14 57	17 6	2 40	7 14	1 59	26 56	3 24	17 20	1 49	17 54	1 9	22 3	1 16	8 36	0 47	22 36	0 57	1 1	14 15	3 8	3 43	14 9	13 16	0 19
W29	15 16	12 7	1 43	7 51	1 55	26 58	3 24	17 12	1 50	17 52	1 9	22 3	1 16	8 36	0 47	22 36	0 57	1 1	14 15	3 7	3 44	14 6	13 15	0 19
T 30	15 35	6 41	0 40	8 28	1 50	26 58	3 24	17 5	1 51	17 51	1 9	22 3	1 16	8 37	0 47	22 36	0 57	1 2	14 15	3 7	3 45	14 3	13 14	0 19
F 31	15s53	0s57	0n24	9s 5	1n44	26s58	3s24	16n57	1n52	17s49	1s 8	22n 3	1s16	8s37	0s47	22s36	0n57	1s 3	14n15	3s 7	3s47	14s 0	13n13	0s19

Julian Day Number = 2086946.5, Delta T = 24m14s
Ecliptic obliquity = 23°34'17, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'37, Lahiri = 9°56'37 Julian Calendar 1 Oct. 1001 == Greg. Calendar 7 Oct. 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

NOVEMBER 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 2 3	14♏13'32	8♈53	29♎11	1♑26	19♌35	14♒ 4	21°R39	9°R55	27♐54	9♏ 1	22°R10	20♓28	28♒19	5°R41	S 1
S 2	3 6 0	15°14'13	21°20	0♏42	2°26	20° 3	14°10	21♊36	9♓55	27°56	9° 3	22♓ 6	20°25	28°26	5♉38	S 2
M 3	3 9 56	16°14'55	4♉ 4	2°14	3°25	20°30	14°15	21°32	9°54	27°58	9° 6	22° 0	20°22	28°32	5°35	M 3
T 4	3 13 53	17°15'38	17° 6	3°47	4°24	20°58	14°21	21°29	9°54	27°59	9° 8	21°52	20°19	28°39	5°32	T 4
W 5	3 17 50	18°16'23	0♊25	5°19	5°23	21°25	14°28	21°25	9°53	28° 1	9°10	21°42	20°16	28°46	5°29	W 5
T 6	3 21 46	19°17'09	13°59	6°53	6°21	21°52	14°34	21°21	9°53	28° 3	9°13	21°32	20°12	28°52	5°26	T 6
F 7	3 25 43	20°17'57	27°44	8°26	7°18	22°18	14°40	21°18	9°52	28° 5	9°15	21°22	20° 9	28°59	5°23	F 7
S 8	3 29 39	21°18'46	11♋38	9°59	8°15	22°45	14°47	21°14	9°52	28° 7	9°18	21°14	20° 6	29° 6	5°21	S 8
S 9	3 33 36	22°19'37	25°38	11°33	9°12	23°11	14°54	21°10	9°52	28° 9	9°20	21° 9	20° 3	29°12	5°18	S 9
M10	3 37 32	23°20'29	9♌42	13° 7	10° 8	23°37	15° 1	21° 6	9°52	28°11	9°22	21° 6	20° 0	29°19	5°15	M10
T 11	3 41 29	24°21'22	23°47	14°40	11° 3	24° 2	15° 8	21° 2	9°52	28°13	9°25	21°D 5	19°56	29°26	5°12	T 11
W12	3 45 26	25°22'17	7♍52	16°14	11°58	24°27	15°15	20°57	9°51	28°15	9°27	21° 5	19°53	29°32	5° 9	W12
T 13	3 49 22	26°23'13	21°58	17°48	12°53	24°52	15°23	20°53	9°51	28°17	9°29	21°R 5	19°50	29°39	5° 6	T 13
F 14	3 53 19	27°24'11	6♎ 3	19°22	13°46	25°17	15°30	20°49	9°D51	28°19	9°32	21° 5	19°47	29°46	5° 4	F 14
S 15	3 57 15	28°25'10	20° 4	20°56	14°39	25°42	15°38	20°44	9°51	28°21	9°34	21° 1	19°44	29°52	5° 1	S 15
S 16	4 1 12	29°26'10	4♏ 0	22°30	15°31	26° 6	15°46	20°40	9°51	28°23	9°36	20°55	19°41	29°59	4°58	S 16
M17	4 5 8	0♐27'11	17°47	24° 4	16°23	26°30	15°54	20°36	9°52	28°25	9°39	20°46	19°37	0♓ 6	4°55	M17
T 18	4 9 5	1°28'14	1♐22	25°38	17°14	26°53	16° 2	20°31	9°52	28°27	9°41	20°35	19°34	0°12	4°53	T 18
W19	4 13 1	2°29'17	14°42	27°11	18° 4	27°16	16°11	20°26	9°52	28°29	9°43	20°22	19°31	0°19	4°50	W19
T 20	4 16 58	3°30'21	27°43	28°45	18°53	27°39	16°19	20°22	9°52	28°31	9°46	20° 9	19°28	0°26	4°47	T 20
F 21	4 20 55	4°31'26	10♑26	0♐19	19°41	28° 2	16°28	20°17	9°53	28°33	9°48	19°58	19°25	0°32	4°45	F 21
S 22	4 24 51	5°32'32	22°52	1°54	20°29	28°24	16°36	20°13	9°53	28°35	9°50	19°48	19°22	0°39	4°42	S 22
S 23	4 28 48	6°33'38	5♒ 1	3°28	21°15	28°46	16°45	20° 8	9°54	28°37	9°52	19°41	19°18	0°46	4°40	S 23
M24	4 32 44	7°34'44	16°59	5° 2	22° 1	29° 7	16°54	20° 3	9°54	28°39	9°54	19°37	19°15	0°52	4°37	M24
T 25	4 36 41	8°35'51	28°48	6°36	22°46	29°29	17° 4	19°58	9°55	28°42	9°57	19°35	19°12	0°59	4°35	T 25
W26	4 40 37	9°36'58	10♓36	8°11	23°29	29°49	17°13	19°53	9°55	28°44	9°59	19°D35	19° 9	1° 5	4°33	W26
T 27	4 44 34	10°38'06	22°27	9°45	24°12	0♍10	17°22	19°48	9°56	28°46	10° 1	19°R35	19° 6	1°12	4°30	T 27
F 28	4 48 30	11°39'13	4♈27	11°20	24°53	0°30	17°32	19°44	9°57	28°48	10° 3	19°34	19° 2	1°19	4°28	F 28
S 29	4 52 27	12°40'22	16°40	12°55	25°33	0°50	17°42	19°39	9°57	28°50	10° 5	19°32	18°59	1°25	4°26	S 29
S 30	4 56 24	13♐41'30	29♈13	14♐30	26♑12	1♍ 9	17♒52	19♊34	9♓58	28♐53	10♏ 7	19♓27	18♓56	1♓32	4♉24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s12	4n54	1n29	9s43	1n38	26s57	3s24	16n49	1n54	17s47	1s 8	22n 3	1s16	8s37	0s47	22s36	0n57	1s 4	14n15	3s 7	3s48	13s57	13n11	0s19
S 2	16 30	10 41	2 30	10 20	1 32	26 56	3 23	16 42	1 55	17 45	1 8	22 2	1 16	8 37	0 47	22 36	0 57	1 4	14 15	3 9	3 49	13 54	13 10	0 19
M 3	16 47	16 10	3 25	10 58	1 26	26 54	3 23	16 34	1 56	17 44	1 8	22 2	1 16	8 37	0 47	22 36	0 57	1 5	14 15	3 11	3 50	13 51	13 9	0 19
T 4	17 5	21 2	4 11	11 36	1 20	26 52	3 22	16 27	1 58	17 42	1 8	22 2	1 16	8 38	0 47	22 36	0 57	1 6	14 15	3 15	3 52	13 47	13 8	0 19
W 5	17 22	24 58	4 44	12 13	1 13	26 48	3 21	16 19	1 59	17 40	1 8	22 2	1 16	8 38	0 47	22 36	0 57	1 6	14 15	3 19	3 53	13 44	13 7	0 19
T 6	17 39	27 36	5 2	12 50	1 7	26 45	3 20	16 12	2 0	17 38	1 8	22 2	1 16	8 38	0 47	22 36	0 57	1 7	14 15	3 23	3 54	13 41	13 6	0 19
F 7	17 55	28 36	5 3	13 27	1 0	26 40	3 19	16 4	2 2	17 36	1 7	22 1	1 16	8 38	0 47	22 36	0 57	1 8	14 15	3 26	3 55	13 38	13 5	0 20
S 8	18 11	27 48	4 46	14 3	0 53	26 35	3 17	15 57	2 3	17 34	1 7	22 1	1 16	8 38	0 47	22 36	0 57	1 9	14 15	3 30	3 57	13 35	13 4	0 20
S 9	18 27	25 15	4 11	14 39	0 46	26 30	3 15	15 49	2 4	17 31	1 7	22 1	1 16	8 38	0 47	22 36	0 57	1 9	14 15	3 32	3 58	13 32	13 3	0 20
M10	18 43	21 10	3 22	15 14	0 39	26 24	3 13	15 42	2 6	17 29	1 7	22 1	1 16	8 38	0 47	22 37	0 57	1 10	14 15	3 33	3 59	13 29	13 2	0 20
T 11	18 58	15 52	2 20	15 49	0 32	26 17	3 11	15 35	2 7	17 27	1 7	22 0	1 16	8 38	0 47	22 37	0 57	1 11	14 15	3 33	4 0	13 26	13 1	0 20
W12	19 13	9 45	1 10	16 23	0 25	26 10	3 9	15 28	2 8	17 25	1 7	22 0	1 16	8 38	0 47	22 37	0 57	1 11	14 15	3 33	4 2	13 22	13 0	0 20
T 13	19 27	3 8	0s 5	16 56	0 19	26 2	3 6	15 20	2 10	17 22	1 7	22 0	1 16	8 38	0 47	22 37	0 57	1 12	14 15	3 33	4 3	13 19	12 59	0 20
F 14	19 41	3s37	1 19	17 29	0 12	25 54	3 4	15 13	2 11	17 20	1 6	22 0	1 16	8 38	0 47	22 37	0 57	1 12	14 15	3 33	4 4	13 16	12 58	0 20
S 15	19 55	10 10	2 28	18 1	0 5	25 45	3 1	15 6	2 13	17 18	1 6	21 59	1 16	8 38	0 47	22 37	0 57	1 13	14 15	3 35	4 5	13 13	12 57	0 20
S 16	20 8	16 10	3 27	18 32	0s 2	25 36	2 58	14 59	2 14	17 15	1 6	21 59	1 16	8 38	0 47	22 37	0 57	1 14	14 15	3 37	4 7	13 10	12 56	0 20
M17	20 21	21 17	4 14	19 2	0 9	25 26	2 54	14 53	2 16	17 13	1 6	21 59	1 15	8 38	0 47	22 37	0 57	1 14	14 15	3 41	4 8	13 7	12 55	0 20
T 18	20 34	25 12	4 45	19 31	0 15	25 16	2 50	14 46	2 17	17 10	1 6	21 59	1 15	8 38	0 46	22 37	0 57	1 15	14 15	3 45	4 9	13 4	12 54	0 20
W19	20 46	27 39	5 0	20 0	0 22	25 6	2 47	14 39	2 19	17 7	1 6	21 58	1 15	8 38	0 46	22 37	0 57	1 15	14 16	3 50	4 10	13 0	12 53	0 20
T 20	20 58	28 32	4 59	20 27	0 29	24 55	2 42	14 33	2 20	17 5	1 6	21 58	1 15	8 37	0 46	22 37	0 57	1 16	14 16	3 55	4 12	12 57	12 52	0 21
F 21	21 10	27 51	4 43	20 54	0 35	24 43	2 38	14 26	2 22	17 2	1 6	21 58	1 15	8 37	0 46	22 37	0 57	1 16	14 16	4 0	4 13	12 54	12 51	0 21
S 22	21 21	25 47	4 13	21 20	0 41	24 31	2 33	14 20	2 23	16 59	1 5	21 57	1 15	8 37	0 46	22 37	0 57	1 17	14 16	4 4	4 14	12 51	12 50	0 21
S 23	21 31	22 33	3 33	21 44	0 47	24 19	2 28	14 14	2 25	16 56	1 5	21 57	1 15	8 37	0 46	22 37	0 57	1 17	14 16	4 6	4 15	12 48	12 49	0 21
M24	21 42	18 26	2 44	22 8	0 53	24 7	2 23	14 8	2 26	16 53	1 5	21 57	1 15	8 37	0 46	22 37	0 57	1 18	14 16	4 8	4 17	12 45	12 48	0 21
T 25	21 51	13 38	1 48	22 30	0 59	23 54	2 17	14 2	2 28	16 50	1 5	21 57	1 15	8 36	0 46	22 37	0 57	1 18	14 16	4 9	4 18	12 42	12 48	0 21
W26	22 1	8 22	0 47	22 52	1 5	23 41	2 12	13 56	2 30	16 47	1 5	21 56	1 15	8 36	0 46	22 37	0 57	1 19	14 17	4 9	4 19	12 38	12 47	0 21
T 27	22 10	2 47	0n15	23 12	1 10	23 27	2 6	13 50	2 31	16 44	1 5	21 56	1 15	8 36	0 46	22 37	0 57	1 19	14 17	4 9	4 20	12 35	12 46	0 21
F 28	22 18	2n58	1 18	23 31	1 16	23 13	1 59	13 44	2 33	16 41	1 5	21 56	1 15	8 36	0 46	22 37	0 57	1 20	14 17	4 9	4 22	12 32	12 45	0 21
S 29	22 26	8 43	2 18	23 49	1 21	22 59	1 52	13 39	2 35	16 38	1 5	21 55	1 15	8 35	0 46	22 37	0 57	1 20	14 17	4 10	4 23	12 29	12 44	0 21
S 30	22s34	14n16	3n13	24s 5	1s26	22s45	1s45	13n33	2n36	16s35	1s 5	21n55	1s15	8s35	0s46	22s37	0n57	1s21	14n17	4s12	4s24	12s26	12n43	0s21

Julian Day Number = 2086977.5, Delta T = 24m14s
Ecliptic obliquity = 23°34'16, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'41, Lahiri = 9°56'41 Julian Calendar 1 Nov. 1001 == Greg. Calendar 7 Nov. 1001

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ASTRODIENST EPHEMERIS for the year 1001
geocentric

DECEMBER 1001 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 0 20	14♐42'39	12♉ 7	16♐ 5	26♑50	1♍28	18♒ 1	19°R29	9♓59	28♐55	10♏ 9	19°R19	18♓53	1♓39	4°R21	M 1
T 2	5 4 17	15°43'48	25°24	17°40	27°26	1°46	18°12	19♊24	10° 0	28°57	10°12	19♓ 8	18°50	1°45	4♉19	T 2
W 3	5 8 13	16°44'57	9♊ 4	19°16	28° 1	2° 4	18°22	19°19	10° 1	28°59	10°14	18°56	18°47	1°52	4°17	W 3
T 4	5 12 10	17°46'07	23° 3	20°52	28°35	2°22	18°32	19°14	10° 2	29° 1	10°16	18°43	18°43	1°59	4°15	T 4
F 5	5 16 6	18°47'17	7♋16	22°28	29° 7	2°39	18°43	19° 9	10° 3	29° 4	10°18	18°30	18°40	2° 5	4°13	F 5
S 6	5 20 3	19°48'27	21°39	24° 4	29°37	2°56	18°53	19° 4	10° 4	29° 6	10°20	18°20	18°37	2°12	4°11	S 6
S 7	5 23 59	20°49'38	6♌ 4	25°41	0♒ 6	3°12	19° 4	18°59	10° 5	29° 8	10°22	18°13	18°34	2°19	4°10	S 7
M 8	5 27 56	21°50'49	20°26	27°18	0°33	3°28	19°15	18°54	10° 7	29°10	10°24	18° 8	18°31	2°25	4° 8	M 8
T 9	5 31 53	22°52'01	4♍43	28°55	0°58	3°43	19°25	18°49	10° 8	29°13	10°26	18° 6	18°28	2°32	4° 6	T 9
W10	5 35 49	23°53'13	18°51	0♑32	1°22	3°58	19°36	18°44	10° 9	29°15	10°27	18° 6	18°24	2°39	4° 4	W10
T 11	5 39 46	24°54'25	2♎49	2°10	1°44	4°12	19°47	18°39	10°11	29°17	10°29	18° 6	18°21	2°45	4° 3	T 11
F 12	5 43 42	25°55'37	16°39	3°48	2° 3	4°26	19°59	18°34	10°12	29°20	10°31	18° 4	18°18	2°52	4° 1	F 12
S 13	5 47 39	26°56'50	0♏19	5°26	2°21	4°39	20°10	18°29	10°13	29°22	10°33	18° 1	18°15	2°59	3°59	S 13
S 14	5 51 35	27°58'04	13°50	7° 4	2°37	4°52	20°21	18°24	10°15	29°24	10°35	17°54	18°12	3° 5	3°58	S 14
M15	5 55 32	28°59'17	27°11	8°42	2°51	5° 4	20°33	18°20	10°17	29°26	10°37	17°45	18° 8	3°12	3°56	M15
T 16	5 59 29	0♑ 0'30	10♐22	10°21	3° 2	5°16	20°44	18°15	10°18	29°29	10°38	17°33	18° 5	3°19	3°55	T 16
W17	6 3 25	1° 1'44	23°20	11°59	3°11	5°27	20°56	18°10	10°20	29°31	10°40	17°19	18° 2	3°25	3°54	W17
T 18	6 7 22	2° 2'57	6♑ 5	13°37	3°18	5°38	21° 8	18° 5	10°22	29°33	10°42	17° 6	17°59	3°32	3°52	T 18
F 19	6 11 18	3° 4'10	18°36	15°16	3°23	5°48	21°20	18° 0	10°23	29°35	10°44	16°53	17°56	3°38	3°51	F 19
S 20	6 15 15	4° 5'23	0♒53	16°54	3°R25	5°57	21°32	17°56	10°25	29°38	10°45	16°43	17°53	3°45	3°50	S 20
S 21	6 19 11	5° 6'35	12°58	18°31	3°24	6° 6	21°44	17°51	10°27	29°40	10°47	16°35	17°49	3°52	3°49	S 21
M22	6 23 8	6° 7'47	24°53	20° 8	3°22	6°14	21°56	17°47	10°29	29°42	10°48	16°30	17°46	3°58	3°48	M22
T 23	6 27 4	7° 8'57	6♓41	21°45	3°16	6°21	22° 8	17°42	10°31	29°45	10°50	16°27	17°43	4° 5	3°47	T 23
W24	6 31 1	8°10'08	18°28	23°20	3° 8	6°28	22°21	17°37	10°33	29°47	10°52	16°D27	17°40	4°12	3°46	W24
T 25	6 34 58	9°11'17	0♈17	24°54	2°58	6°34	22°33	17°33	10°35	29°49	10°53	16°27	17°37	4°18	3°45	T 25
F 26	6 38 54	10°12'26	12°15	26°27	2°45	6°39	22°45	17°29	10°37	29°51	10°55	16°R28	17°34	4°25	3°44	F 26
S 27	6 42 51	11°13'34	24°26	27°58	2°30	6°44	22°58	17°24	10°39	29°54	10°56	16°27	17°30	4°32	3°44	S 27
S 28	6 46 47	12°14'41	6♉57	29°26	2°12	6°48	23°11	17°20	10°41	29°56	10°57	16°24	17°27	4°38	3°43	S 28
M29	6 50 44	13°15'47	19°52	0♒51	1°51	6°52	23°23	17°16	10°43	29°58	10°59	16°18	17°24	4°45	3°42	M29
T 30	6 54 40	14°16'53	3♊13	2°14	1°29	6°54	23°36	17°12	10°45	0♑ 0	11° 0	16°11	17°21	4°52	3°42	T 30
W31	6 58 37	15♑17'58	17♊ 1	3♒32	1♒ 4	6♍56	23♒49	17♊ 8	10♓47	0♑ 2	11♏ 2	16♓ 1	17♓18	4♓58	3♉41	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s41	19n21	4n 0	24s21	1s31	22s31	1s38	13n28	2n38	16s32	1s 4	21n55	1s15	8s34	0s46	22s37	0n57	1s21	14n18	4s15	4s25	12s22	12n43	0s21
T 2	22 48	23 40	4 35	24 35	1 35	22 16	1 30	13 23	2 40	16 29	1 4	21 54	1 14	8 34	0 46	22 38	0 56	1 22	14 18	4 19	4 27	12 19	12 42	0 21
W 3	22 54	26 48	4 56	24 47	1 40	22 1	1 22	13 18	2 41	16 25	1 4	21 54	1 14	8 34	0 46	22 38	0 56	1 22	14 18	4 24	4 28	12 16	12 41	0 21
T 4	23 0	28 22	4 59	24 59	1 44	21 46	1 14	13 13	2 43	16 22	1 4	21 54	1 14	8 33	0 46	22 38	0 56	1 22	14 18	4 29	4 29	12 13	12 40	0 22
F 5	23 6	28 6	4 44	25 9	1 47	21 31	1 5	13 9	2 45	16 19	1 4	21 54	1 14	8 33	0 46	22 38	0 56	1 23	14 18	4 34	4 30	12 10	12 39	0 22
S 6	23 11	25 57	4 11	25 17	1 51	21 16	0 56	13 4	2 47	16 15	1 4	21 53	1 14	8 32	0 46	22 38	0 56	1 23	14 19	4 38	4 32	12 6	12 39	0 22
S 7	23 15	22 8	3 22	25 24	1 54	21 0	0 47	13 0	2 48	16 12	1 4	21 53	1 14	8 32	0 46	22 38	0 56	1 23	14 19	4 41	4 33	12 3	12 38	0 22
M 8	23 19	16 58	2 21	25 30	1 57	20 45	0 37	12 56	2 50	16 8	1 4	21 53	1 14	8 31	0 46	22 38	0 56	1 24	14 19	4 43	4 34	12 0	12 37	0 22
T 9	23 23	10 55	1 10	25 34	2 0	20 30	0 27	12 52	2 52	16 5	1 4	21 52	1 14	8 31	0 46	22 38	0 56	1 24	14 20	4 44	4 35	11 57	12 37	0 22
W10	23 26	4 23	0s 4	25 36	2 2	20 14	0 17	12 48	2 54	16 1	1 3	21 52	1 14	8 30	0 46	22 38	0 56	1 24	14 20	4 44	4 37	11 54	12 36	0 22
T 11	23 28	2s18	1 17	25 37	2 4	19 59	0 6	12 45	2 56	15 58	1 3	21 52	1 14	8 30	0 46	22 38	0 56	1 25	14 20	4 44	4 38	11 50	12 35	0 22
F 12	23 30	8 48	2 25	25 37	2 6	19 44	0n 5	12 41	2 57	15 54	1 3	21 51	1 13	8 29	0 46	22 38	0 56	1 25	14 20	4 44	4 39	11 47	12 35	0 22
S 13	23 32	14 49	3 23	25 34	2 7	19 29	0 16	12 38	2 59	15 50	1 3	21 51	1 13	8 29	0 45	22 38	0 56	1 25	14 21	4 46	4 40	11 44	12 34	0 22
S 14	23 33	20 3	4 10	25 30	2 8	19 13	0 28	12 35	3 1	15 47	1 3	21 51	1 13	8 28	0 45	22 38	0 56	1 26	14 21	4 48	4 42	11 41	12 34	0 22
M15	23 34	24 12	4 42	25 25	2 8	18 58	0 41	12 32	3 3	15 43	1 3	21 51	1 13	8 27	0 45	22 38	0 56	1 26	14 21	4 52	4 43	11 38	12 33	0 22
T 16	23 34	27 2	4 58	25 17	2 8	18 44	0 53	12 30	3 5	15 39	1 3	21 50	1 13	8 27	0 45	22 38	0 56	1 26	14 22	4 57	4 44	11 34	12 33	0 22
W17	23 34	28 23	4 59	25 8	2 7	18 29	1 6	12 27	3 7	15 35	1 3	21 50	1 13	8 26	0 45	22 38	0 56	1 26	14 22	5 2	4 45	11 31	12 32	0 22
T 18	23 33	28 10	4 45	24 58	2 6	18 14	1 19	12 25	3 9	15 31	1 3	21 50	1 13	8 25	0 45	22 38	0 56	1 26	14 22	5 7	4 47	11 28	12 32	0 22
F 19	23 32	26 30	4 17	24 45	2 4	18 0	1 33	12 23	3 11	15 28	1 3	21 49	1 12	8 25	0 45	22 38	0 56	1 27	14 22	5 12	4 48	11 25	12 31	0 22
S 20	23 30	23 36	3 37	24 31	2 2	17 46	1 47	12 22	3 13	15 24	1 3	21 49	1 12	8 24	0 45	22 38	0 56	1 27	14 23	5 16	4 49	11 22	12 31	0 23
S 21	23 28	19 42	2 48	24 15	1 59	17 32	2 1	12 20	3 15	15 20	1 3	21 49	1 12	8 23	0 45	22 38	0 56	1 27	14 23	5 20	4 50	11 18	12 30	0 23
M22	23 26	15 3	1 52	23 57	1 56	17 19	2 15	12 19	3 17	15 16	1 3	21 49	1 12	8 22	0 45	22 38	0 56	1 27	14 23	5 21	4 52	11 15	12 30	0 23
T 23	23 23	9 54	0 52	23 38	1 51	17 6	2 30	12 18	3 19	15 12	1 2	21 48	1 12	8 22	0 45	22 38	0 56	1 27	14 24	5 22	4 53	11 12	12 29	0 23
W24	23 19	4 25	0n11	23 17	1 47	16 53	2 45	12 17	3 21	15 7	1 2	21 48	1 12	8 21	0 45	22 38	0 56	1 27	14 24	5 23	4 54	11 9	12 29	0 23
T 25	23 15	1n14	1 13	22 55	1 41	16 41	3 0	12 17	3 23	15 3	1 2	21 48	1 12	8 20	0 45	22 38	0 56	1 27	14 24	5 22	4 55	11 5	12 29	0 23
F 26	23 11	6 54	2 13	22 31	1 34	16 29	3 15	12 17	3 25	14 59	1 2	21 48	1 11	8 19	0 45	22 38	0 56	1 28	14 25	5 22	4 57	11 2	12 28	0 23
S 27	23 6	12 26	3 8	22 6	1 27	16 18	3 30	12 17	3 27	14 55	1 2	21 47	1 11	8 19	0 45	22 38	0 56	1 28	14 25	5 23	4 58	10 59	12 28	0 23
S 28	23 0	17 37	3 56	21 40	1 19	16 7	3 46	12 17	3 29	14 51	1 2	21 47	1 11	8 18	0 45	22 38	0 56	1 28	14 26	5 24	4 59	10 56	12 28	0 23
M29	22 54	22 11	4 33	21 13	1 10	15 56	4 1	12 18	3 31	14 46	1 2	21 47	1 11	8 17	0 45	22 38	0 56	1 28	14 26	5 26	5 0	10 52	12 28	0 23
T 30	22 48	25 46	4 57	20 45	1 0	15 46	4 16	12 19	3 33	14 42	1 2	21 47	1 11	8 16	0 45	22 38	0 56	1 28	14 26	5 29	5 2	10 49	12 27	0 23
W31	22s41	27n59	5n 4	20s16	0s49	15s37	4n31	12n20	3n35	14s38	1s 2	21n46	1s11	8s15	0s45	22s38	0n56	1s28	14n27	5s33	5s 3	10s46	12n27	0s23

Julian Day Number = 2087007.5, Delta T = 24m14s
Ecliptic obliquity = 23°34'15, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'45, Lahiri = 9°56'46 Julian Calendar 1 Dec. 1001 == Greg. Calendar 7 Dec. 1001

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

JANUARY 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 2 33	16♉19'01	1♋15	4♒46	0°R37	6♍58	24♒ 2	17°R 4	10♓50	0♉ 5	11♏ 3	15°R51	17♓14	5♓ 5	3°R41	T 1
F 2	7 6 30	17°20'04	15°49	5°54	0♒ 8	6°R58	24°15	17♊ 0	10°52	0° 7	11° 4	15♓41	17°11	5°12	3♉41	F 2
S 3	7 10 27	18°21'06	0♌36	6°56	29♉37	6°58	24°28	16°56	10°54	0° 9	11° 5	15°33	17° 8	5°18	3°40	S 3
S 4	7 14 23	19°22'08	15°28	7°51	29° 5	6°57	24°41	16°52	10°57	0°11	11° 7	15°27	17° 5	5°25	3°40	S 4
M 5	7 18 20	20°23'08	0♍17	8°38	28°31	6°55	24°54	16°48	10°59	0°13	11° 8	15°24	17° 2	5°32	3°40	M 5
T 6	7 22 16	21°24'08	14°55	9°17	27°56	6°53	25° 7	16°45	11° 2	0°16	11° 9	15°D23	16°59	5°38	3°40	T 6
W 7	7 26 13	22°25'07	29°20	9°46	27°21	6°49	25°20	16°41	11° 4	0°18	11°10	15°23	16°55	5°45	3°D40	W 7
T 8	7 30 9	23°26'05	13♎27	10° 6	26°44	6°45	25°34	16°38	11° 7	0°20	11°11	15°24	16°52	5°51	3°40	T 8
F 9	7 34 6	24°27'03	27°16	10°R14	26° 7	6°40	25°47	16°34	11° 9	0°22	11°12	15°R25	16°49	5°58	3°40	F 9
S 10	7 38 2	25°28'00	10♏49	10°11	25°30	6°35	26° 1	16°31	11°12	0°24	11°13	15°23	16°46	6° 5	3°40	S 10
S 11	7 41 59	26°28'56	24° 6	9°57	24°53	6°28	26°14	16°28	11°15	0°26	11°14	15°20	16°43	6°11	3°40	S 11
M12	7 45 56	27°29'52	7♐ 8	9°32	24°16	6°21	26°28	16°24	11°17	0°28	11°15	15°14	16°40	6°18	3°41	M12
T 13	7 49 52	28°30'46	19°57	8°56	23°40	6°13	26°41	16°21	11°20	0°30	11°16	15° 7	16°36	6°25	3°41	T 13
W14	7 53 49	29°31'40	2♑35	8°10	23° 4	6° 4	26°55	16°18	11°23	0°32	11°17	14°58	16°33	6°31	3°41	W14
T 15	7 57 45	0♒32'32	15° 1	7°16	22°30	5°55	27° 9	16°16	11°26	0°34	11°18	14°50	16°30	6°38	3°42	T 15
F 16	8 1 42	1°33'23	27°16	6°14	21°57	5°44	27°23	16°13	11°28	0°36	11°19	14°41	16°27	6°45	3°42	F 16
S 17	8 5 38	2°34'13	9♒22	5° 7	21°25	5°33	27°36	16°10	11°31	0°39	11°19	14°35	16°24	6°51	3°43	S 17
S 18	8 9 35	3°35'02	21°19	3°57	20°55	5°21	27°50	16° 8	11°34	0°40	11°20	14°30	16°20	6°58	3°43	S 18
M19	8 13 32	4°35'49	3♓10	2°45	20°27	5° 8	28° 4	16° 5	11°37	0°42	11°21	14°27	16°17	7° 5	3°44	M19
T 20	8 17 28	5°36'35	14°57	1°34	20° 1	4°55	28°18	16° 3	11°40	0°44	11°21	14°D26	16°14	7°11	3°45	T 20
W21	8 21 25	6°37'19	26°43	0°26	19°37	4°40	28°32	16° 1	11°43	0°46	11°22	14°27	16°11	7°18	3°46	W21
T 22	8 25 21	7°38'01	8♈33	29♉21	19°15	4°25	28°46	15°58	11°46	0°48	11°23	14°29	16° 8	7°25	3°47	T 22
F 23	8 29 18	8°38'42	20°30	28°21	18°56	4°10	29° 0	15°56	11°49	0°50	11°23	14°30	16° 5	7°31	3°48	F 23
S 24	8 33 14	9°39'21	2♉39	27°28	18°38	3°53	29°14	15°54	11°52	0°52	11°24	14°32	16° 1	7°38	3°49	S 24
S 25	8 37 11	10°39'58	15° 6	26°42	18°24	3°36	29°28	15°53	11°55	0°54	11°24	14°R32	15°58	7°44	3°50	S 25
M26	8 41 7	11°40'34	27°55	26° 4	18°11	3°18	29°42	15°51	11°58	0°56	11°25	14°31	15°55	7°51	3°51	M26
T 27	8 45 4	12°41'08	11♊11	25°33	18° 1	3° 0	29°57	15°49	12° 1	0°58	11°25	14°28	15°52	7°58	3°52	T 27
W28	8 49 1	13°41'40	24°55	25°10	17°54	2°41	0♓11	15°48	12° 4	0°59	11°26	14°24	15°49	8° 4	3°53	W28
T 29	8 52 57	14°42'10	9♋ 7	24°55	17°49	2°22	0°25	15°46	12° 7	1° 1	11°26	14°19	15°46	8°11	3°55	T 29
F 30	8 56 54	15°42'38	23°44	24°47	17°46	2° 2	0°39	15°45	12°10	1° 3	11°26	14°15	15°42	8°18	3°56	F 30
S 31	9 0 50	16♒43'05	8♌41	24°D46	17°D46	1♍41	0♓53	15♊44	12♓14	1♉ 5	11♏26	14♓11	15♓39	8♓24	3♉57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	22s34	28n27	4n54	19s47	0s37	15s28	4n46	12n21	3n37	14s33	1s 2	21n46	1s10	8s14	0s45	22s38	0n56	1s28	14n27	5s37	5s 4	10s43	12n27	0s23
F 2	22 26	27 0	4 24	19 17	0 24	15 20	5 1	12 23	3 39	14 29	1 2	21 46	1 10	8 13	0 45	22 38	0 56	1 28	14 27	5 40	5 5	10 39	12 27	0 23
S 3	22 18	23 39	3 36	18 48	0 10	15 12	5 15	12 25	3 41	14 25	1 2	21 46	1 10	8 12	0 45	22 38	0 56	1 28	14 28	5 44	5 6	10 36	12 27	0 23
S 4	22 10	18 44	2 33	18 20	0n 4	15 5	5 29	12 27	3 43	14 20	1 2	21 46	1 10	8 11	0 45	22 38	0 56	1 28	14 28	5 46	5 8	10 33	12 26	0 23
M 5	22 1	12 41	1 20	17 53	0 20	14 58	5 43	12 29	3 45	14 16	1 2	21 45	1 10	8 10	0 45	22 38	0 56	1 28	14 29	5 47	5 9	10 30	12 26	0 24
T 6	21 51	6 1	0 2	17 27	0 36	14 52	5 56	12 32	3 46	14 11	1 2	21 45	1 10	8 9	0 45	22 38	0 56	1 28	14 29	5 48	5 10	10 26	12 26	0 24
W 7	21 42	0s52	1s14	17 3	0 53	14 47	6 8	12 35	3 48	14 7	1 2	21 45	1 9	8 8	0 45	22 38	0 56	1 28	14 29	5 47	5 11	10 23	12 26	0 24
T 8	21 31	7 34	2 25	16 41	1 11	14 42	6 20	12 38	3 50	14 2	1 2	21 45	1 9	8 7	0 45	22 38	0 56	1 28	14 30	5 47	5 13	10 20	12 26	0 24
F 9	21 21	13 45	3 26	16 21	1 29	14 38	6 31	12 42	3 52	13 58	1 2	21 45	1 9	8 6	0 45	22 38	0 56	1 28	14 30	5 47	5 14	10 16	12 26	0 24
S 10	21 10	19 10	4 14	16 5	1 47	14 35	6 41	12 46	3 54	13 53	1 2	21 44	1 9	8 5	0 45	22 38	0 56	1 27	14 31	5 47	5 15	10 13	12 26	0 24
S 11	20 58	23 32	4 47	15 51	2 4	14 32	6 51	12 50	3 56	13 48	1 1	21 44	1 9	8 4	0 45	22 38	0 56	1 27	14 31	5 49	5 16	10 10	12 26	0 24
M12	20 47	26 37	5 5	15 42	2 21	14 29	7 0	12 55	3 58	13 44	1 1	21 44	1 8	8 3	0 44	22 38	0 56	1 27	14 32	5 51	5 18	10 7	12 26	0 24
T 13	20 34	28 17	5 7	15 35	2 38	14 28	7 8	12 59	4 0	13 39	1 1	21 44	1 8	8 2	0 44	22 38	0 56	1 27	14 32	5 54	5 19	10 3	12 26	0 24
W14	20 22	28 26	4 53	15 32	2 53	14 27	7 15	13 4	4 2	13 34	1 1	21 44	1 8	8 1	0 44	22 38	0 56	1 27	14 32	5 57	5 20	10 0	12 26	0 24
T 15	20 9	27 8	4 27	15 33	3 7	14 26	7 21	13 10	4 3	13 29	1 1	21 44	1 8	8 0	0 44	22 38	0 56	1 27	14 33	6 0	5 21	9 57	12 26	0 24
F 16	19 55	24 32	3 48	15 37	3 18	14 26	7 26	13 15	4 5	13 25	1 1	21 44	1 8	7 59	0 44	22 38	0 56	1 27	14 33	6 4	5 23	9 53	12 27	0 24
S 17	19 42	20 53	2 59	15 44	3 28	14 26	7 30	13 21	4 7	13 20	1 1	21 44	1 8	7 58	0 44	22 38	0 56	1 26	14 34	6 6	5 24	9 50	12 27	0 24
S 18	19 28	16 24	2 2	15 53	3 36	14 27	7 34	13 27	4 8	13 15	1 1	21 44	1 7	7 57	0 44	22 38	0 56	1 26	14 34	6 8	5 25	9 47	12 27	0 24
M19	19 13	11 21	1 1	16 4	3 41	14 28	7 37	13 33	4 10	13 10	1 1	21 44	1 7	7 56	0 44	22 38	0 56	1 26	14 34	6 9	5 26	9 44	12 27	0 24
T 20	18 58	5 55	0n 3	16 18	3 43	14 30	7 39	13 39	4 12	13 5	1 1	21 44	1 7	7 55	0 44	22 38	0 56	1 26	14 35	6 10	5 28	9 40	12 27	0 24
W21	18 43	0 18	1 7	16 32	3 43	14 33	7 40	13 46	4 13	13 0	1 1	21 44	1 7	7 53	0 44	22 38	0 56	1 26	14 35	6 9	5 29	9 37	12 27	0 24
T 22	18 28	5n22	2 8	16 47	3 41	14 35	7 40	13 53	4 14	12 55	1 1	21 44	1 7	7 52	0 44	22 38	0 56	1 25	14 36	6 9	5 30	9 34	12 28	0 24
F 23	18 12	10 53	3 4	17 3	3 37	14 38	7 40	14 0	4 16	12 50	1 1	21 44	1 6	7 51	0 44	22 38	0 56	1 25	14 36	6 8	5 31	9 30	12 28	0 25
S 24	17 56	16 6	3 53	17 19	3 31	14 42	7 38	14 7	4 17	12 46	1 1	21 44	1 6	7 50	0 44	22 38	0 56	1 25	14 37	6 7	5 33	9 27	12 28	0 25
S 25	17 39	20 48	4 33	17 36	3 24	14 45	7 37	14 15	4 18	12 41	1 1	21 44	1 6	7 49	0 44	22 38	0 56	1 25	14 37	6 7	5 34	9 24	12 29	0 25
M26	17 23	24 41	5 0	17 51	3 15	14 49	7 34	14 22	4 19	12 36	1 1	21 44	1 6	7 48	0 44	22 38	0 56	1 24	14 38	6 8	5 35	9 21	12 29	0 25
T 27	17 6	27 24	5 13	18 7	3 5	14 54	7 31	14 30	4 21	12 31	1 1	21 44	1 5	7 46	0 44	22 38	0 56	1 24	14 38	6 9	5 36	9 17	12 29	0 25
W28	16 48	28 36	5 8	18 22	2 54	14 58	7 28	14 38	4 22	12 25	1 1	21 44	1 5	7 45	0 44	22 38	0 56	1 24	14 38	6 10	5 37	9 14	12 30	0 25
T 29	16 31	27 59	4 45	18 35	2 43	15 3	7 24	14 46	4 22	12 20	1 1	21 44	1 5	7 44	0 44	22 38	0 56	1 23	14 39	6 12	5 39	9 11	12 30	0 25
F 30	16 13	25 27	4 2	18 49	2 31	15 7	7 19	14 54	4 23	12 15	1 1	21 44	1 5	7 43	0 44	22 38	0 56	1 23	14 39	6 14	5 40	9 7	12 30	0 25
S 31	15s55	21n 7	3n 3	19s 1	2n19	15s12	7n14	15n 2	4n24	12s10	1s 1	21n44	1s 5	7s41	0s44	22s38	0n56	1s23	14n40	6s15	5s41	9s 4	12n31	0s25

Julian Day Number = 2087038.5, Delta T = 24m13s
Ecliptic obliquity = 23°34'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'49, Lahiri = 9°56'50 Julian Calendar 1 Jan. 1002 == Greg. Calendar 7 Jan. 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

FEBRUARY 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 4 47	17♒43'30	23♌49	24♉52	17♉49	1°R20	1♓ 8	15°R43	12♓17	1♉ 6	11♏27	14°R 9	15♓36	8♓31	3♉59	S 1
M 2	9 8 43	18°43'53	8♍58	25° 4	17°54	0♍59	1°22	15♊42	12°20	1° 8	11°27	14°D 8	15°33	8°38	4° 1	M 2
T 3	9 12 40	19°44'14	24° 0	25°23	18° 1	0°37	1°36	15°41	12°23	1°10	11°27	14♓ 8	15°30	8°44	4° 2	T 3
W 4	9 16 36	20°44'34	8♎46	25°46	18°10	0°14	1°51	15°40	12°26	1°11	11°27	14° 9	15°26	8°51	4° 4	W 4
T 5	9 20 33	21°44'52	23°11	26°15	18°22	29♌52	2° 5	15°40	12°30	1°13	11°27	14°10	15°23	8°58	4° 6	T 5
F 6	9 24 30	22°45'09	7♏13	26°49	18°35	29°29	2°20	15°39	12°33	1°15	11°27	14°12	15°20	9° 4	4° 7	F 6
S 7	9 28 26	23°45'25	20°51	27°27	18°51	29° 6	2°34	15°39	12°36	1°16	11°R27	14°R12	15°17	9°11	4° 9	S 7
S 8	9 32 23	24°45'39	4♐ 7	28° 9	19° 9	28°42	2°48	15°39	12°39	1°18	11°27	14°12	15°14	9°18	4°11	S 8
M 9	9 36 19	25°45'51	17° 2	28°55	19°29	28°19	3° 3	15°38	12°43	1°19	11°27	14°11	15°11	9°24	4°13	M 9
T 10	9 40 16	26°46'02	29°40	29°45	19°50	27°55	3°17	15°D38	12°46	1°21	11°27	14° 9	15° 7	9°31	4°15	T 10
W11	9 44 12	27°46'11	12♑ 3	0♒38	20°14	27°31	3°32	15°38	12°49	1°22	11°27	14° 7	15° 4	9°37	4°17	W11
T 12	9 48 9	28°46'19	24°14	1°34	20°39	27° 8	3°46	15°39	12°53	1°24	11°27	14° 4	15° 1	9°44	4°19	T 12
F 13	9 52 5	29°46'24	6♒16	2°32	21° 6	26°44	4° 1	15°39	12°56	1°25	11°27	14° 2	14°58	9°51	4°21	F 13
S 14	9 56 2	0♓46'28	18°12	3°34	21°34	26°20	4°15	15°39	13° 0	1°26	11°27	14° 0	14°55	9°57	4°23	S 14
S 15	9 59 59	1°46'30	0♓ 2	4°38	22° 4	25°57	4°30	15°40	13° 3	1°28	11°26	13°59	14°52	10° 4	4°26	S 15
M16	10 3 55	2°46'30	11°50	5°44	22°36	25°33	4°44	15°40	13° 6	1°29	11°26	13°D58	14°48	10°11	4°28	M16
T 17	10 7 52	3°46'28	23°37	6°53	23° 9	25°10	4°59	15°41	13°10	1°30	11°26	13°59	14°45	10°17	4°30	T 17
W18	10 11 48	4°46'24	5♈25	8° 3	23°43	24°47	5°13	15°42	13°13	1°32	11°25	13°59	14°42	10°24	4°33	W18
T 19	10 15 45	5°46'18	17°18	9°16	24°19	24°24	5°28	15°43	13°17	1°33	11°25	14° 0	14°39	10°31	4°35	T 19
F 20	10 19 41	6°46'09	29°19	10°30	24°56	24° 2	5°42	15°44	13°20	1°34	11°25	14° 1	14°36	10°37	4°38	F 20
S 21	10 23 38	7°45'59	11♉31	11°46	25°34	23°40	5°57	15°45	13°23	1°35	11°24	14° 2	14°32	10°44	4°40	S 21
S 22	10 27 34	8°45'46	23°58	13° 4	26°13	23°18	6°11	15°46	13°27	1°37	11°24	14° 2	14°29	10°51	4°43	S 22
M23	10 31 31	9°45'31	6♊44	14°24	26°54	22°57	6°26	15°48	13°30	1°38	11°23	14°R 2	14°26	10°57	4°46	M23
T 24	10 35 27	10°45'14	19°53	15°45	27°35	22°37	6°40	15°49	13°34	1°39	11°23	14° 2	14°23	11° 4	4°48	T 24
W25	10 39 24	11°44'54	3♋27	17° 8	28°18	22°17	6°55	15°51	13°37	1°40	11°22	14° 2	14°20	11°10	4°51	W25
T 26	10 43 21	12°44'32	17°27	18°32	29° 1	21°57	7° 9	15°53	13°41	1°41	11°21	14° 2	14°17	11°17	4°54	T 26
F 27	10 47 17	13°44'08	1♌53	19°58	29°46	21°38	7°24	15°55	13°44	1°42	11°21	14°D 2	14°13	11°24	4°57	F 27
S 28	10 51 14	14♓43'41	16♌42	21♒25	0♒32	21♌20	7♓38	15♊57	13♓47	1♉43	11♏20	14♓ 2	14♓10	11♓30	4♉59	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s36	15n23	1n49	19s12	2n 6	15s17	7n 9	15n10	4n25	12s 5	1s 1	21n44	1s 4	7s40	0s44	22s38	0n56	1s22	14n40	6s16	5s42	9s 1	12n31	0s25
M 2	15 18	8 41	0 28	19 22	1 54	15 22	7 3	15 19	4 25	12 0	1 1	21 44	1 4	7 39	0 44	22 38	0 56	1 22	14 41	6 17	5 44	8 57	12 32	0 25
T 3	14 59	1 34	0s54	19 31	1 41	15 27	6 57	15 27	4 26	11 55	1 1	21 44	1 4	7 38	0 44	22 38	0 56	1 22	14 41	6 17	5 45	8 54	12 32	0 25
W 4	14 39	5s31	2 12	19 39	1 29	15 32	6 51	15 35	4 26	11 50	1 1	21 44	1 4	7 36	0 44	22 37	0 56	1 21	14 42	6 16	5 46	8 51	12 33	0 25
T 5	14 20	12 8	3 19	19 46	1 16	15 37	6 45	15 44	4 26	11 45	1 1	21 44	1 4	7 35	0 44	22 37	0 56	1 21	14 42	6 16	5 47	8 47	12 33	0 25
F 6	14 0	17 58	4 13	19 52	1 4	15 42	6 38	15 52	4 26	11 39	1 1	21 45	1 3	7 34	0 44	22 37	0 56	1 20	14 42	6 15	5 49	8 44	12 34	0 25
S 7	13 41	22 43	4 50	19 56	0 52	15 47	6 31	16 0	4 26	11 34	1 1	21 45	1 3	7 33	0 44	22 37	0 57	1 20	14 43	6 15	5 50	8 41	12 34	0 25
S 8	13 20	26 10	5 11	19 59	0 40	15 52	6 24	16 9	4 26	11 29	1 1	21 45	1 3	7 31	0 44	22 37	0 57	1 20	14 43	6 15	5 51	8 37	12 35	0 25
M 9	13 0	28 10	5 15	20 1	0 29	15 56	6 16	16 17	4 26	11 24	1 1	21 45	1 3	7 30	0 44	22 37	0 57	1 19	14 44	6 15	5 52	8 34	12 36	0 25
T 10	12 40	28 39	5 4	20 2	0 18	16 1	6 9	16 25	4 26	11 18	1 1	21 45	1 3	7 29	0 44	22 37	0 57	1 19	14 44	6 16	5 54	8 31	12 36	0 26
W11	12 19	27 39	4 39	20 1	0 7	16 5	6 1	16 33	4 26	11 13	1 1	21 46	1 2	7 27	0 44	22 37	0 57	1 18	14 45	6 17	5 55	8 27	12 37	0 26
T 12	11 58	25 21	4 2	19 59	0s 3	16 9	5 53	16 41	4 25	11 8	1 1	21 46	1 2	7 26	0 44	22 37	0 57	1 18	14 45	6 18	5 56	8 24	12 38	0 26
F 13	11 37	21 56	3 14	19 55	0 14	16 13	5 46	16 48	4 24	11 3	1 1	21 46	1 2	7 25	0 44	22 37	0 57	1 17	14 45	6 19	5 57	8 21	12 38	0 26
S 14	11 16	17 39	2 18	19 51	0 23	16 16	5 38	16 56	4 24	10 57	1 1	21 46	1 2	7 24	0 44	22 37	0 57	1 17	14 46	6 20	5 59	8 17	12 39	0 26
S 15	10 54	12 43	1 17	19 44	0 33	16 20	5 30	17 3	4 23	10 52	1 2	21 47	1 2	7 22	0 44	22 37	0 57	1 16	14 46	6 20	6 0	8 14	12 40	0 26
M16	10 32	7 21	0 12	19 37	0 42	16 23	5 22	17 11	4 22	10 47	1 2	21 47	1 1	7 21	0 44	22 37	0 57	1 16	14 47	6 20	6 1	8 11	12 40	0 26
T 17	10 11	1 44	0n53	19 28	0 50	16 25	5 14	17 18	4 21	10 42	1 2	21 47	1 1	7 20	0 44	22 37	0 57	1 15	14 47	6 20	6 2	8 7	12 41	0 26
W18	9 49	3n57	1 56	19 18	0 59	16 27	5 5	17 25	4 20	10 36	1 2	21 47	1 1	7 18	0 44	22 37	0 57	1 15	14 48	6 20	6 3	8 4	12 42	0 26
T 19	9 27	9 31	2 55	19 6	1 7	16 29	4 57	17 31	4 19	10 31	1 2	21 48	1 1	7 17	0 44	22 37	0 57	1 14	14 48	6 20	6 5	8 1	12 43	0 26
F 20	9 5	14 49	3 46	18 53	1 14	16 31	4 49	17 37	4 17	10 26	1 2	21 48	1 0	7 16	0 44	22 37	0 57	1 14	14 48	6 19	6 6	7 57	12 43	0 26
S 21	8 42	19 37	4 28	18 39	1 21	16 32	4 41	17 44	4 16	10 20	1 2	21 48	1 0	7 14	0 44	22 37	0 57	1 13	14 49	6 19	6 7	7 54	12 44	0 26
S 22	8 20	23 41	4 59	18 23	1 28	16 33	4 33	17 49	4 15	10 15	1 2	21 49	1 0	7 13	0 44	22 37	0 57	1 13	14 49	6 19	6 8	7 51	12 45	0 26
M23	7 57	26 44	5 15	18 6	1 34	16 34	4 25	17 55	4 13	10 10	1 2	21 49	1 0	7 12	0 44	22 37	0 57	1 12	14 50	6 19	6 10	7 47	12 46	0 26
T 24	7 34	28 26	5 16	17 48	1 40	16 34	4 17	18 0	4 11	10 4	1 2	21 49	1 0	7 10	0 44	22 37	0 57	1 12	14 50	6 19	6 11	7 44	12 47	0 26
W25	7 12	28 31	5 0	17 28	1 46	16 33	4 9	18 5	4 10	9 59	1 2	21 50	0 59	7 9	0 44	22 37	0 57	1 11	14 50	6 19	6 12	7 41	12 48	0 26
T 26	6 49	26 49	4 26	17 6	1 51	16 33	4 0	18 10	4 8	9 53	1 2	21 50	0 59	7 8	0 44	22 37	0 57	1 11	14 51	6 19	6 13	7 37	12 49	0 26
F 27	6 26	23 19	3 34	16 44	1 55	16 31	3 52	18 15	4 6	9 48	1 2	21 51	0 59	7 6	0 44	22 37	0 57	1 10	14 51	6 19	6 15	7 34	12 49	0 27
S 28	6s 3	18n14	2n26	16s19	2s 0	16s30	3n44	18n19	4n 4	9s43	1s 2	21n51	0s59	7s 5	0s44	22s37	0n57	1s10	14n51	6s19	6s16	7s31	12n50	0s27

Julian Day Number = 2087069.5, Delta T = 24m13s
Ecliptic obliquity = 23°34'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'54, Lahiri = 9°56'54 Julian Calendar 1 Feb. 1002 == Greg. Calendar 7 Feb. 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

MARCH 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 55 10	15♓43'12	1♍47	22♒54	1♒18	21°R 2	7♓52	15♊59	13♓51	1♑44	11°R19	14♓ 2	14♓ 7	11♓37	5♉ 2	S 1
M 2	10 59 7	16°42'41	17° 0	24°24	2° 5	20♌45	8° 7	16° 1	13°54	1°45	11♏19	14°R 2	14° 4	11°44	5° 5	M 2
T 3	11 3 3	17°42'08	2♎12	25°56	2°53	20°28	8°21	16° 3	13°58	1°46	11°18	14° 2	14° 1	11°50	5° 8	T 3
W 4	11 7 0	18°41'33	17°13	27°29	3°42	20°12	8°36	16° 5	14° 1	1°46	11°17	14° 1	13°57	11°57	5°11	W 4
T 5	11 10 56	19°40'55	1♏54	29° 3	4°32	19°57	8°50	16° 8	14° 5	1°47	11°16	14° 1	13°54	12° 4	5°14	T 5
F 6	11 14 53	20°40'17	16°11	0♓38	5°22	19°43	9° 4	16°11	14° 8	1°48	11°15	14° 0	13°51	12°10	5°17	F 6
S 7	11 18 50	21°39'36	0♐ 1	2°15	6°13	19°29	9°19	16°13	14°11	1°49	11°14	13°59	13°48	12°17	5°21	S 7
S 8	11 22 46	22°38'53	13°24	3°54	7° 5	19°17	9°33	16°16	14°15	1°50	11°13	13°59	13°45	12°24	5°24	S 8
M 9	11 26 43	23°38'09	26°22	5°34	7°57	19° 4	9°47	16°19	14°18	1°50	11°12	13°D59	13°42	12°30	5°27	M 9
T 10	11 30 39	24°37'23	8♑58	7°15	8°50	18°53	10° 2	16°22	14°22	1°51	11°11	13°59	13°38	12°37	5°30	T 10
W11	11 34 36	25°36'35	21°16	8°57	9°44	18°42	10°16	16°25	14°25	1°51	11°10	14° 0	13°35	12°44	5°34	W11
T 12	11 38 32	26°35'45	3♒20	10°41	10°38	18°33	10°30	16°28	14°28	1°52	11° 9	14° 1	13°32	12°50	5°37	T 12
F 13	11 42 29	27°34'53	15°14	12°26	11°33	18°24	10°44	16°31	14°32	1°53	11° 8	14° 2	13°29	12°57	5°40	F 13
S 14	11 46 25	28°34'00	27° 3	14°13	12°28	18°15	10°58	16°35	14°35	1°53	11° 7	14° 3	13°26	13° 3	5°44	S 14
S 15	11 50 22	29°33'04	8♓50	16° 1	13°24	18° 8	11°13	16°38	14°39	1°54	11° 6	14°R 4	13°23	13°10	5°47	S 15
M16	11 54 19	0♈32'06	20°37	17°51	14°20	18° 1	11°27	16°42	14°42	1°54	11° 5	14° 4	13°19	13°17	5°51	M16
T 17	11 58 15	1°31'07	2♈27	19°42	15°17	17°55	11°41	16°46	14°45	1°55	11° 4	14° 3	13°16	13°23	5°54	T 17
W18	12 2 12	2°30'05	14°22	21°34	16°14	17°50	11°55	16°49	14°49	1°55	11° 3	14° 1	13°13	13°30	5°58	W18
T 19	12 6 8	3°29'01	26°24	23°28	17°11	17°46	12° 9	16°53	14°52	1°55	11° 2	13°59	13°10	13°37	6° 1	T 19
F 20	12 10 5	4°27'55	8♉35	25°23	18° 9	17°42	12°23	16°57	14°55	1°56	11° 0	13°55	13° 7	13°43	6° 5	F 20
S 21	12 14 1	5°26'47	20°56	27°20	19° 8	17°40	12°37	17° 1	14°58	1°56	10°59	13°52	13° 3	13°50	6° 8	S 21
S 22	12 17 58	6°25'36	3♊31	29°18	20° 7	17°38	12°51	17° 5	15° 2	1°56	10°58	13°49	13° 0	13°57	6°12	S 22
M23	12 21 54	7°24'24	16°21	1♈18	21° 6	17°37	13° 4	17°10	15° 5	1°56	10°56	13°47	12°57	14° 3	6°16	M23
T 24	12 25 51	8°23'09	29°29	3°18	22° 6	17°D36	13°18	17°14	15° 8	1°57	10°55	13°45	12°54	14°10	6°19	T 24
W25	12 29 48	9°21'52	12♋56	5°21	23° 6	17°36	13°32	17°18	15°11	1°57	10°54	13°D45	12°51	14°17	6°23	W25
T 26	12 33 44	10°20'32	26°45	7°24	24° 6	17°37	13°46	17°23	15°15	1°57	10°52	13°46	12°48	14°23	6°27	T 26
F 27	12 37 41	11°19'10	10♌55	9°28	25° 6	17°39	13°59	17°27	15°18	1°57	10°51	13°47	12°44	14°30	6°30	F 27
S 28	12 41 37	12°17'46	25°26	11°34	26° 7	17°42	14°13	17°32	15°21	1°57	10°50	13°48	12°41	14°36	6°34	S 28
S 29	12 45 34	13°16'20	10♍15	13°40	27° 9	17°45	14°27	17°37	15°24	1°R57	10°48	13°R49	12°38	14°43	6°38	S 29
M30	12 49 30	14°14'51	25°15	15°47	28°10	17°49	14°40	17°42	15°27	1°57	10°47	13°49	12°35	14°50	6°42	M30
T 31	12 53 27	15♈13'20	10♎19	17♈55	29♒12	17♌53	14♓54	17♊46	15♓30	1♑57	10♏45	13♓47	12♓32	14♓56	6♉46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s40	11n57	1n 8	15s54	2s 3	16s28	3n36	18n23	4n 2	9s37	1s 2	21n51	0s59	7s 4	0s44	22s37	0n57	1s 9	14n52	6s19	6s17	7s27	12n51	0s27
M 2	5 16	4 54	0s17	15 27	2 7	16 25	3 29	18 26	4 0	9 32	1 2	21 52	0 58	7 2	0 44	22 37	0 57	1 9	14 52	6 19	6 18	7 24	12 52	0 27
T 3	4 53	2s24	1 39	14 59	2 10	16 22	3 21	18 30	3 58	9 27	1 2	21 52	0 58	7 1	0 44	22 37	0 57	1 8	14 53	6 19	6 19	7 20	12 53	0 27
W 4	4 30	9 29	2 54	14 29	2 12	16 18	3 13	18 33	3 56	9 21	1 2	21 53	0 58	7 0	0 44	22 37	0 57	1 7	14 53	6 19	6 21	7 17	12 54	0 27
T 5	4 6	15 53	3 56	13 58	2 14	16 14	3 5	18 36	3 53	9 16	1 2	21 53	0 58	6 58	0 44	22 37	0 57	1 7	14 53	6 19	6 22	7 14	12 55	0 27
F 6	3 43	21 15	4 41	13 25	2 16	16 10	2 57	18 38	3 51	9 11	1 3	21 54	0 58	6 57	0 44	22 37	0 57	1 6	14 54	6 20	6 23	7 10	12 56	0 27
S 7	3 20	25 17	5 8	12 52	2 17	16 5	2 50	18 40	3 49	9 5	1 3	21 54	0 57	6 56	0 44	22 36	0 57	1 6	14 54	6 20	6 24	7 7	12 57	0 27
S 8	2 56	27 47	5 18	12 16	2 18	15 59	2 42	18 42	3 46	9 0	1 3	21 55	0 57	6 54	0 44	22 36	0 57	1 5	14 54	6 20	6 26	7 4	12 58	0 27
M 9	2 32	28 41	5 10	11 40	2 18	15 53	2 35	18 44	3 44	8 55	1 3	21 55	0 57	6 53	0 44	22 36	0 57	1 4	14 55	6 20	6 27	7 0	12 59	0 27
T 10	2 9	28 3	4 48	11 2	2 18	15 47	2 27	18 45	3 42	8 49	1 3	21 56	0 57	6 52	0 44	22 36	0 57	1 4	14 55	6 20	6 28	6 57	13 0	0 27
W11	1 45	26 3	4 13	10 22	2 17	15 40	2 20	18 46	3 39	8 44	1 3	21 56	0 57	6 50	0 44	22 36	0 57	1 3	14 55	6 20	6 29	6 53	13 1	0 27
T 12	1 22	22 53	3 27	9 42	2 16	15 32	2 13	18 47	3 37	8 39	1 3	21 57	0 56	6 49	0 44	22 36	0 57	1 3	14 56	6 19	6 30	6 50	13 2	0 27
F 13	0 58	18 47	2 33	9 0	2 14	15 24	2 5	18 47	3 34	8 33	1 3	21 57	0 56	6 48	0 44	22 36	0 57	1 2	14 56	6 19	6 32	6 47	13 3	0 27
S 14	0 34	14 1	1 33	8 16	2 12	15 16	1 58	18 48	3 32	8 28	1 3	21 58	0 56	6 47	0 44	22 36	0 57	1 1	14 56	6 18	6 33	6 43	13 4	0 27
S 15	0 11	8 45	0 29	7 32	2 9	15 7	1 51	18 48	3 29	8 23	1 3	21 58	0 56	6 45	0 44	22 36	0 57	1 1	14 56	6 18	6 34	6 40	13 5	0 27
M16	0n13	3 11	0n36	6 46	2 6	14 57	1 44	18 47	3 27	8 17	1 3	21 59	0 56	6 44	0 44	22 36	0 57	1 0	14 57	6 18	6 35	6 37	13 7	0 28
T 17	0 36	2n30	1 40	5 59	2 2	14 47	1 38	18 47	3 24	8 12	1 3	21 59	0 56	6 43	0 44	22 36	0 57	1 0	14 57	6 18	6 37	6 33	13 8	0 28
W18	1 0	8 9	2 40	5 10	1 58	14 37	1 31	18 46	3 22	8 7	1 4	22 0	0 55	6 41	0 44	22 36	0 57	0 59	14 57	6 19	6 38	6 30	13 9	0 28
T 19	1 24	13 33	3 33	4 20	1 53	14 26	1 24	18 45	3 19	8 1	1 4	22 0	0 55	6 40	0 44	22 36	0 57	0 58	14 58	6 20	6 39	6 26	13 10	0 28
F 20	1 47	18 29	4 17	3 30	1 48	14 15	1 17	18 44	3 17	7 56	1 4	22 1	0 55	6 39	0 44	22 36	0 57	0 58	14 58	6 21	6 40	6 23	13 11	0 28
S 21	2 11	22 45	4 50	2 38	1 42	14 3	1 11	18 42	3 14	7 51	1 4	22 1	0 55	6 38	0 44	22 36	0 57	0 57	14 58	6 23	6 42	6 20	13 12	0 28
S 22	2 34	26 2	5 10	1 45	1 36	13 50	1 5	18 40	3 12	7 46	1 4	22 2	0 55	6 36	0 44	22 36	0 57	0 57	14 58	6 24	6 43	6 16	13 13	0 28
M23	2 57	28 5	5 14	0 51	1 29	13 37	0 58	18 38	3 9	7 40	1 4	22 3	0 54	6 35	0 44	22 36	0 57	0 56	14 58	6 25	6 44	6 13	13 14	0 28
T 24	3 21	28 37	5 3	0n 5	1 22	13 24	0 52	18 36	3 6	7 35	1 4	22 3	0 54	6 34	0 44	22 36	0 57	0 55	14 59	6 25	6 45	6 10	13 16	0 28
W25	3 44	27 30	4 35	1 0	1 14	13 10	0 46	18 33	3 4	7 30	1 4	22 4	0 54	6 33	0 44	22 36	0 57	0 55	14 59	6 26	6 46	6 6	13 17	0 28
T 26	4 7	24 41	3 51	1 57	1 5	12 56	0 40	18 31	3 1	7 25	1 4	22 4	0 54	6 31	0 44	22 36	0 57	0 54	14 59	6 25	6 48	6 3	13 18	0 28
F 27	4 30	20 20	2 51	2 54	0 57	12 41	0 34	18 28	2 59	7 19	1 5	22 5	0 54	6 30	0 44	22 36	0 57	0 54	14 59	6 25	6 49	5 59	13 19	0 28
S 28	4 53	14 40	1 39	3 52	0 47	12 26	0 28	18 25	2 56	7 14	1 5	22 6	0 54	6 29	0 44	22 36	0 57	0 53	15 0	6 24	6 50	5 56	13 20	0 28
S 29	5 16	8 4	0 20	4 50	0 38	12 11	0 22	18 21	2 54	7 9	1 5	22 6	0 53	6 28	0 44	22 36	0 58	0 52	15 0	6 24	6 51	5 53	13 21	0 28
M30	5 39	0 57	1s 2	5 49	0 28	11 55	0 17	18 18	2 51	7 4	1 5	22 7	0 53	6 26	0 44	22 36	0 58	0 52	15 0	6 24	6 53	5 49	13 23	0 28
T 31	6n 2	6s15	2s20	6n48	0s18	11s38	0n11	18n14	2n49	6s59	1s 5	22n 8	0s53	6s25	0s44	22s36	0n58	0s51	15n 0	6s25	6s54	5s46	13n24	0s29

Julian Day Number = 2087097.5, Delta T = 24m12s
Ecliptic obliquity = 23°34'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°49'57, Lahiri = 9°56'58 Julian Calendar 1 March 1002 == Greg. Calendar 7 March 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

APRIL 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 57 23	16♈11'48	25♎17	20♈ 2	0♓14	17♌59	15♓ 7	17♊51	15♓33	1°R57	10°R44	13°R44	12♓29	15♓ 3	6♉49	W 1
T 2	13 1 20	17°10'13	10♏ 3	22°10	1°16	18° 5	15°20	17°56	15°36	1♑57	10♏42	13♓39	12°25	15°10	6°53	T 2
F 3	13 5 17	18° 8'37	24°27	24°18	2°19	18°11	15°34	18° 2	15°39	1°57	10°41	13°34	12°22	15°16	6°57	F 3
S 4	13 9 13	19° 6'59	8♐25	26°25	3°22	18°18	15°47	18° 7	15°42	1°57	10°39	13°29	12°19	15°23	7° 1	S 4
S 5	13 13 10	20° 5'20	21°56	28°31	4°25	18°26	16° 0	18°12	15°45	1°56	10°38	13°25	12°16	15°30	7° 5	S 5
M 6	13 17 6	21° 3'39	4♑59	0♉36	5°29	18°35	16°13	18°17	15°48	1°56	10°36	13°22	12°13	15°36	7° 9	M 6
T 7	13 21 3	22° 1'56	17°38	2°39	6°32	18°44	16°27	18°23	15°51	1°56	10°35	13°D21	12° 9	15°43	7°13	T 7
W 8	13 24 59	23° 0'12	29°57	4°41	7°36	18°53	16°40	18°28	15°54	1°56	10°33	13°21	12° 6	15°50	7°17	W 8
T 9	13 28 56	23°58'26	12♒ 0	6°40	8°40	19° 4	16°53	18°34	15°57	1°55	10°32	13°22	12° 3	15°56	7°21	T 9
F 10	13 32 52	24°56'38	23°52	8°38	9°45	19°14	17° 5	18°39	16° 0	1°55	10°30	13°23	12° 0	16° 3	7°25	F 10
S 11	13 36 49	25°54'49	5♓40	10°32	10°49	19°26	17°18	18°45	16° 3	1°54	10°28	13°25	11°57	16° 9	7°29	S 11
S 12	13 40 46	26°52'59	17°26	12°24	11°54	19°38	17°31	18°51	16° 6	1°54	10°27	13°R25	11°54	16°16	7°33	S 12
M13	13 44 42	27°51'07	29°15	14°13	12°59	19°50	17°44	18°57	16° 8	1°54	10°25	13°23	11°50	16°23	7°37	M13
T 14	13 48 39	28°49'13	11♈10	15°58	14° 4	20° 3	17°57	19° 3	16°11	1°53	10°24	13°20	11°47	16°29	7°41	T 14
W15	13 52 35	29°47'17	23°14	17°40	15° 9	20°17	18° 9	19° 9	16°14	1°53	10°22	13°14	11°44	16°36	7°45	W15
T 16	13 56 32	0♉45'20	5♉29	19°19	16°14	20°31	18°22	19°15	16°17	1°52	10°20	13° 7	11°41	16°43	7°49	T 16
F 17	14 0 28	1°43'21	17°55	20°54	17°20	20°45	18°34	19°21	16°19	1°51	10°19	12°59	11°38	16°49	7°53	F 17
S 18	14 4 25	2°41'21	0♊33	22°25	18°26	21° 0	18°46	19°27	16°22	1°51	10°17	12°50	11°34	16°56	7°57	S 18
S 19	14 8 21	3°39'19	13°24	23°53	19°32	21°16	18°59	19°33	16°24	1°50	10°15	12°41	11°31	17° 3	8° 1	S 19
M20	14 12 18	4°37'15	26°27	25°16	20°38	21°32	19°11	19°39	16°27	1°50	10°14	12°34	11°28	17° 9	8° 5	M20
T 21	14 16 15	5°35'10	9♋44	26°36	21°44	21°49	19°23	19°46	16°29	1°49	10°12	12°29	11°25	17°16	8° 9	T 21
W22	14 20 11	6°33'02	23°14	27°52	22°50	22° 6	19°35	19°52	16°32	1°48	10°10	12°26	11°22	17°23	8°13	W22
T 23	14 24 8	7°30'53	6♌59	29° 4	23°57	22°23	19°47	19°59	16°34	1°47	10° 9	12°D25	11°19	17°29	8°18	T 23
F 24	14 28 4	8°28'42	20°59	0♊11	25° 3	22°41	19°59	20° 5	16°37	1°47	10° 7	12°26	11°15	17°36	8°22	F 24
S 25	14 32 1	9°26'29	5♍14	1°15	26°10	22°59	20°11	20°12	16°39	1°46	10° 5	12°R27	11°12	17°43	8°26	S 25
S 26	14 35 57	10°24'14	19°42	2°14	27°17	23°18	20°23	20°18	16°42	1°45	10° 4	12°27	11° 9	17°49	8°30	S 26
M27	14 39 54	11°21'57	4♎19	3° 9	28°24	23°37	20°34	20°25	16°44	1°44	10° 2	12°25	11° 6	17°56	8°34	M27
T 28	14 43 50	12°19'39	19° 3	3°59	29°31	23°56	20°46	20°32	16°46	1°43	10° 0	12°21	11° 3	18° 2	8°38	T 28
W29	14 47 47	13°17'19	3♏44	4°45	0♈39	24°16	20°57	20°38	16°48	1°42	9°59	12°14	11° 0	18° 9	8°42	W29
T 30	14 51 43	14♉14'58	18♏17	5♊27	1♈46	24♌37	21♓ 9	20♊45	16♓51	1♑41	9♏57	12♓ 5	10♓56	18♓16	8♉46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n24	13s 3	3s28	7n46	0s 7	11s22	0n 6	18n10	2n47	6s54	1s 5	22n 8	0s53	6s24	0s44	22s36	0n58	0s51	15n 0	6s26	6s55	5s42	13n25	0s29
T 2	6 47	19 1	4 20	8 44	0n 3	11 4	0 1	18 6	2 44	6 49	1 5	22 9	0 53	6 23	0 44	22 36	0 58	0 50	15 0	6 28	6 56	5 39	13 26	0 29
F 3	7 9	23 45	4 55	9 42	0 14	10 47	0s 5	18 1	2 42	6 44	1 5	22 9	0 53	6 22	0 44	22 36	0 58	0 50	15 1	6 30	6 57	5 36	13 27	0 29
S 4	7 31	26 56	5 11	10 38	0 25	10 29	0 10	17 57	2 39	6 38	1 6	22 10	0 52	6 21	0 44	22 36	0 58	0 49	15 1	6 32	6 59	5 32	13 29	0 29
S 5	7 54	28 27	5 8	11 34	0 36	10 10	0 15	17 52	2 37	6 33	1 6	22 11	0 52	6 19	0 44	22 36	0 58	0 48	15 1	6 33	7 0	5 29	13 30	0 29
M 6	8 16	28 18	4 50	12 28	0 47	9 51	0 20	17 47	2 35	6 28	1 6	22 11	0 52	6 18	0 44	22 36	0 58	0 48	15 1	6 34	7 1	5 25	13 31	0 29
T 7	8 38	26 40	4 18	13 22	0 58	9 32	0 24	17 42	2 32	6 23	1 6	22 12	0 52	6 17	0 44	22 36	0 58	0 47	15 1	6 35	7 2	5 22	13 32	0 29
W 8	8 59	23 46	3 35	14 13	1 8	9 13	0 29	17 37	2 30	6 18	1 6	22 13	0 52	6 16	0 44	22 36	0 58	0 47	15 1	6 35	7 3	5 19	13 34	0 29
T 9	9 21	19 53	2 43	15 3	1 18	8 53	0 34	17 32	2 28	6 14	1 6	22 13	0 52	6 15	0 44	22 36	0 58	0 46	15 1	6 34	7 5	5 15	13 35	0 29
F 10	9 43	15 17	1 44	15 50	1 28	8 33	0 38	17 26	2 25	6 9	1 6	22 14	0 51	6 14	0 44	22 36	0 58	0 46	15 1	6 34	7 6	5 12	13 36	0 29
S 11	10 4	10 8	0 42	16 36	1 37	8 12	0 42	17 20	2 23	6 4	1 7	22 14	0 51	6 13	0 44	22 36	0 58	0 45	15 1	6 33	7 7	5 8	13 37	0 29
S 12	10 25	4 40	0n22	17 19	1 46	7 51	0 46	17 14	2 21	5 59	1 7	22 15	0 51	6 12	0 44	22 36	0 58	0 45	15 1	6 33	7 8	5 5	13 39	0 29
M13	10 46	1n 0	1 25	18 0	1 54	7 30	0 51	17 8	2 19	5 54	1 7	22 16	0 51	6 11	0 44	22 36	0 58	0 44	15 2	6 34	7 10	5 2	13 40	0 29
T 14	11 7	6 39	2 25	18 38	2 1	7 9	0 55	17 2	2 17	5 49	1 7	22 16	0 51	6 10	0 44	22 36	0 58	0 43	15 2	6 35	7 11	4 58	13 41	0 29
W15	11 28	12 9	3 18	19 14	2 8	6 47	0 58	16 56	2 14	5 44	1 7	22 17	0 51	6 9	0 44	22 36	0 58	0 43	15 2	6 37	7 12	4 55	13 42	0 30
T 16	11 48	17 15	4 4	19 48	2 14	6 25	1 2	16 49	2 12	5 40	1 7	22 18	0 50	6 8	0 44	22 36	0 58	0 42	15 2	6 40	7 13	4 51	13 44	0 30
F 17	12 8	21 43	4 38	20 19	2 19	6 2	1 6	16 42	2 10	5 35	1 7	22 18	0 50	6 7	0 44	22 36	0 58	0 42	15 2	6 43	7 14	4 48	13 45	0 30
S 18	12 28	25 16	5 0	20 47	2 24	5 40	1 9	16 36	2 8	5 30	1 8	22 19	0 50	6 6	0 44	22 36	0 58	0 41	15 2	6 47	7 16	4 45	13 46	0 30
S 19	12 48	27 36	5 7	21 13	2 27	5 17	1 13	16 29	2 6	5 25	1 8	22 20	0 50	6 5	0 44	22 36	0 58	0 41	15 2	6 50	7 17	4 41	13 47	0 30
M20	13 8	28 29	4 58	21 37	2 30	4 54	1 16	16 21	2 4	5 21	1 8	22 20	0 50	6 4	0 45	22 36	0 58	0 40	15 2	6 53	7 18	4 38	13 49	0 30
T 21	13 27	27 45	4 33	21 58	2 32	4 31	1 19	16 14	2 2	5 16	1 8	22 21	0 50	6 3	0 45	22 36	0 58	0 40	15 2	6 55	7 19	4 34	13 50	0 30
W22	13 47	25 23	3 53	22 16	2 33	4 7	1 22	16 7	2 0	5 11	1 8	22 21	0 50	6 2	0 45	22 36	0 58	0 39	15 2	6 56	7 21	4 31	13 51	0 30
T 23	14 6	21 30	2 58	22 33	2 33	3 43	1 25	15 59	1 58	5 7	1 8	22 22	0 49	6 1	0 45	22 36	0 58	0 39	15 2	6 56	7 22	4 28	13 52	0 30
F 24	14 24	16 21	1 53	22 47	2 32	3 19	1 28	15 51	1 56	5 2	1 9	22 23	0 49	6 0	0 45	22 36	0 58	0 39	15 2	6 56	7 23	4 24	13 54	0 30
S 25	14 43	10 15	0 39	22 59	2 30	2 55	1 31	15 43	1 54	4 58	1 9	22 23	0 49	5 59	0 45	22 35	0 58	0 38	15 2	6 56	7 24	4 21	13 55	0 30
S 26	15 1	3 31	0s39	23 8	2 28	2 31	1 34	15 35	1 52	4 53	1 9	22 24	0 49	5 58	0 45	22 35	0 58	0 38	15 1	6 56	7 25	4 17	13 56	0 30
M27	15 19	3s29	1 54	23 15	2 24	2 7	1 36	15 27	1 50	4 49	1 9	22 25	0 49	5 57	0 45	22 35	0 58	0 37	15 1	6 56	7 27	4 14	13 57	0 30
T 28	15 37	10 19	3 3	23 21	2 19	1 42	1 39	15 19	1 48	4 45	1 9	22 25	0 49	5 56	0 45	22 35	0 58	0 37	15 1	6 58	7 28	4 11	13 58	0 31
W29	15 55	16 34	3 59	23 24	2 14	1 17	1 41	15 10	1 46	4 40	1 10	22 26	0 49	5 55	0 45	22 35	0 58	0 36	15 1	7 1	7 29	4 7	14 0	0 31
T 30	16n12	21s49	4s38	23n25	2n 7	0s52	1s43	15n 2	1n44	4s36	1s10	22n26	0s48	5s55	0s45	22s35	0n58	0s36	15n 1	7s 4	7s30	4s 4	14n 1	0s31

Julian Day Number = 2087128.5, Delta T = 24m12s
Ecliptic obliquity = 23°34'16, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'02, Lahiri = 9°57'02 Julian Calendar 1 Apr. 1002 == Greg. Calendar 7 Apr. 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

MAY 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 55 40	15♉12'36	2♐34	6♊ 4	2♈53	24♌57	21♓20	20♊52	16♓53	1°R40	9°R55	11°R56	10♓53	18♓22	8♉50	F 1
S 2	14 59 37	16°10'13	16°29	6°36	4° 1	25°18	21°31	20°59	16°55	1♑39	9♏54	11♓46	10°50	18°29	8°54	S 2
S 3	15 3 33	17° 7'48	0♑ 0	7° 4	5° 9	25°40	21°42	21° 6	16°57	1°38	9°52	11°37	10°47	18°36	8°58	S 3
M 4	15 7 30	18° 5'22	13° 5	7°27	6°17	26° 1	21°53	21°13	16°59	1°37	9°50	11°30	10°44	18°42	9° 2	M 4
T 5	15 11 26	19° 2'56	25°47	7°45	7°25	26°23	22° 4	21°20	17° 1	1°36	9°49	11°25	10°40	18°49	9° 6	T 5
W 6	15 15 23	20° 0'28	8♒ 7	7°58	8°33	26°46	22°15	21°27	17° 3	1°35	9°47	11°23	10°37	18°56	9°10	W 6
T 7	15 19 19	20°58'00	20°12	8° 7	9°41	27° 9	22°26	21°34	17° 5	1°34	9°45	11°D22	10°34	19° 2	9°14	T 7
F 8	15 23 16	21°55'30	2♓ 5	8°R11	10°49	27°32	22°36	21°41	17° 7	1°33	9°44	11°23	10°31	19° 9	9°18	F 8
S 9	15 27 13	22°53'00	13°53	8°11	11°58	27°55	22°47	21°48	17° 9	1°32	9°42	11°R23	10°28	19°16	9°22	S 9
S 10	15 31 9	23°50'28	25°41	8° 6	13° 6	28°19	22°57	21°55	17°11	1°31	9°41	11°22	10°25	19°22	9°26	S 10
M11	15 35 6	24°47'56	7♈34	7°56	14°15	28°43	23° 7	22° 3	17°12	1°29	9°39	11°19	10°21	19°29	9°30	M11
T 12	15 39 2	25°45'23	19°35	7°43	15°23	29° 7	23°18	22°10	17°14	1°28	9°37	11°14	10°18	19°36	9°34	T 12
W13	15 42 59	26°42'50	1♉49	7°25	16°32	29°32	23°28	22°17	17°16	1°27	9°36	11° 6	10°15	19°42	9°38	W13
T 14	15 46 55	27°40'15	14°17	7° 4	17°41	29°57	23°38	22°25	17°18	1°26	9°34	10°55	10°12	19°49	9°42	T 14
F 15	15 50 52	28°37'40	27° 0	6°40	18°50	0♍22	23°47	22°32	17°19	1°24	9°33	10°43	10° 9	19°55	9°46	F 15
S 16	15 54 48	29°35'03	9♊58	6°13	19°59	0°47	23°57	22°39	17°21	1°23	9°31	10°31	10° 6	20° 2	9°50	S 16
S 17	15 58 45	0♊32'26	23°10	5°44	21° 8	1°13	24° 7	22°47	17°22	1°22	9°30	10°19	10° 2	20° 9	9°54	S 17
M18	16 2 42	1°29'48	6♋34	5°13	22°17	1°39	24°16	22°54	17°24	1°21	9°28	10° 9	9°59	20°15	9°58	M18
T 19	16 6 38	2°27'09	20° 9	4°40	23°26	2° 6	24°26	23° 2	17°25	1°19	9°27	10° 1	9°56	20°22	10° 2	T 19
W20	16 10 35	3°24'29	3♌53	4° 7	24°35	2°32	24°35	23° 9	17°26	1°18	9°25	9°56	9°53	20°29	10° 6	W20
T 21	16 14 31	4°21'48	17°46	3°33	25°45	2°59	24°44	23°17	17°28	1°16	9°24	9°54	9°50	20°35	10° 9	T 21
F 22	16 18 28	5°19'05	1♍46	3° 0	26°54	3°26	24°53	23°25	17°29	1°15	9°22	9°53	9°46	20°42	10°13	F 22
S 23	16 22 24	6°16'22	15°52	2°27	28° 4	3°54	25° 2	23°32	17°30	1°14	9°21	9°53	9°43	20°49	10°17	S 23
S 24	16 26 21	7°13'37	0♎ 5	1°56	29°13	4°21	25°10	23°40	17°32	1°12	9°19	9°53	9°40	20°55	10°21	S 24
M25	16 30 17	8°10'52	14°22	1°28	0♉23	4°49	25°19	23°47	17°33	1°11	9°18	9°50	9°37	21° 2	10°24	M25
T 26	16 34 14	9° 8'06	28°41	1° 1	1°32	5°17	25°28	23°55	17°34	1° 9	9°16	9°45	9°34	21° 9	10°28	T 26
W27	16 38 11	10° 5'19	12♏58	0°38	2°42	5°45	25°36	24° 3	17°35	1° 8	9°15	9°37	9°31	21°15	10°32	W27
T 28	16 42 7	11° 2'32	27° 8	0°18	3°52	6°14	25°44	24°10	17°36	1° 6	9°14	9°26	9°27	21°22	10°36	T 28
F 29	16 46 4	11°59'44	11♐ 5	0° 1	5° 2	6°43	25°52	24°18	17°37	1° 5	9°12	9°15	9°24	21°29	10°39	F 29
S 30	16 50 0	12°56'55	24°46	29♉49	6°12	7°12	26° 0	24°26	17°38	1° 3	9°11	9° 3	9°21	21°35	10°43	S 30
S 31	16 53 57	13♊54'06	8♑ 6	29♉40	7♉22	7♍41	26♓ 8	24♊34	17♓39	1♑ 2	9♏10	8♓52	9♓18	21♓42	10♉46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n29	25s41	5s 0	23n24	2n 0	0s27	1s45	14n53	1n43	4s32	1s10	22n27	0s48	5s54	0s45	22s35	0n58	0s36	15n 1	7s 8	7s31	4s 0	14n 2	0s31
S 2	16 46	27 54	5 3	23 21	1 51	0 2	1 47	14 44	1 41	4 27	1 10	22 28	0 48	5 53	0 45	22 35	0 58	0 35	15 1	7 11	7 33	3 57	14 3	0 31
S 3	17 3	28 23	4 48	23 17	1 42	0n23	1 49	14 35	1 39	4 23	1 10	22 28	0 48	5 52	0 45	22 35	0 58	0 35	15 1	7 15	7 34	3 53	14 5	0 31
M 4	17 19	27 13	4 19	23 10	1 31	0 48	1 51	14 26	1 37	4 19	1 11	22 29	0 48	5 51	0 45	22 35	0 58	0 35	15 1	7 17	7 35	3 50	14 6	0 31
T 5	17 35	24 40	3 38	23 2	1 20	1 14	1 53	14 17	1 35	4 15	1 11	22 29	0 48	5 51	0 45	22 35	0 58	0 34	15 1	7 19	7 36	3 47	14 7	0 31
W 6	17 50	21 2	2 47	22 52	1 7	1 39	1 54	14 8	1 34	4 11	1 11	22 30	0 48	5 50	0 45	22 35	0 58	0 34	15 0	7 20	7 37	3 43	14 8	0 31
T 7	18 6	16 35	1 50	22 40	0 54	2 5	1 56	13 58	1 32	4 7	1 11	22 31	0 48	5 49	0 45	22 35	0 58	0 33	15 0	7 20	7 39	3 40	14 9	0 31
F 8	18 21	11 33	0 49	22 27	0 40	2 31	1 57	13 48	1 30	4 3	1 11	22 31	0 47	5 48	0 45	22 35	0 58	0 33	15 0	7 20	7 40	3 36	14 11	0 31
S 9	18 36	6 10	0n13	22 13	0 25	2 56	1 58	13 39	1 28	3 59	1 12	22 32	0 47	5 48	0 45	22 35	0 58	0 33	15 0	7 20	7 41	3 33	14 12	0 31
S 10	18 50	0 34	1 15	21 57	0 10	3 22	1 59	13 29	1 27	3 55	1 12	22 32	0 47	5 47	0 45	22 35	0 58	0 33	15 0	7 21	7 42	3 29	14 13	0 32
M11	19 4	5n 4	2 14	21 39	0s 6	3 48	2 1	13 19	1 25	3 51	1 12	22 33	0 47	5 46	0 45	22 35	0 58	0 32	15 0	7 22	7 44	3 26	14 14	0 32
T 12	19 18	10 36	3 8	21 21	0 22	4 13	2 1	13 9	1 23	3 47	1 12	22 33	0 47	5 46	0 45	22 35	0 58	0 32	14 59	7 24	7 45	3 23	14 15	0 32
W13	19 32	15 49	3 54	21 1	0 39	4 39	2 2	12 59	1 22	3 43	1 12	22 34	0 47	5 45	0 45	22 35	0 58	0 32	14 59	7 27	7 46	3 19	14 17	0 32
T 14	19 45	20 30	4 29	20 41	0 56	5 5	2 3	12 48	1 20	3 39	1 13	22 35	0 47	5 44	0 45	22 35	0 58	0 31	14 59	7 31	7 47	3 16	14 18	0 32
F 15	19 58	24 20	4 52	20 20	1 14	5 31	2 4	12 38	1 19	3 36	1 13	22 35	0 47	5 44	0 45	22 35	0 58	0 31	14 59	7 35	7 48	3 12	14 19	0 32
S 16	20 10	27 1	5 1	19 58	1 31	5 56	2 4	12 27	1 17	3 32	1 13	22 36	0 46	5 43	0 45	22 35	0 58	0 31	14 58	7 40	7 50	3 9	14 20	0 32
S 17	20 23	28 17	4 53	19 36	1 48	6 22	2 5	12 16	1 16	3 28	1 13	22 36	0 46	5 43	0 45	22 36	0 58	0 31	14 58	7 44	7 51	3 6	14 21	0 32
M18	20 34	27 54	4 30	19 14	2 5	6 47	2 5	12 6	1 14	3 25	1 14	22 37	0 46	5 42	0 45	22 36	0 58	0 31	14 58	7 48	7 52	3 2	14 22	0 32
T 19	20 46	25 51	3 51	18 53	2 21	7 13	2 5	11 55	1 12	3 21	1 14	22 37	0 46	5 42	0 45	22 36	0 58	0 30	14 58	7 51	7 53	2 59	14 24	0 32
W20	20 57	22 16	2 58	18 31	2 37	7 38	2 5	11 44	1 11	3 18	1 14	22 38	0 46	5 41	0 45	22 36	0 58	0 30	14 57	7 53	7 54	2 55	14 25	0 32
T 21	21 8	17 24	1 54	18 10	2 52	8 3	2 5	11 33	1 9	3 14	1 14	22 38	0 46	5 41	0 45	22 36	0 58	0 30	14 57	7 54	7 56	2 52	14 26	0 32
F 22	21 18	11 34	0 43	17 50	3 6	8 29	2 5	11 21	1 8	3 11	1 14	22 39	0 46	5 40	0 46	22 36	0 58	0 30	14 57	7 54	7 57	2 48	14 27	0 33
S 23	21 28	5 7	0s32	17 31	3 18	8 54	2 5	11 10	1 6	3 8	1 15	22 39	0 46	5 40	0 46	22 36	0 58	0 30	14 57	7 54	7 58	2 45	14 28	0 33
S 24	21 38	1s38	1 45	17 14	3 30	9 19	2 5	10 58	1 5	3 4	1 15	22 40	0 46	5 39	0 46	22 36	0 58	0 29	14 56	7 54	7 59	2 42	14 29	0 33
M25	21 48	8 20	2 51	16 58	3 41	9 43	2 5	10 47	1 4	3 1	1 15	22 40	0 45	5 39	0 46	22 36	0 58	0 29	14 56	7 55	8 0	2 38	14 30	0 33
T 26	21 56	14 36	3 47	16 43	3 50	10 8	2 4	10 35	1 2	2 58	1 15	22 40	0 45	5 38	0 46	22 36	0 58	0 29	14 56	7 57	8 2	2 35	14 31	0 33
W27	22 5	20 5	4 29	16 31	3 58	10 32	2 4	10 23	1 1	2 55	1 16	22 41	0 45	5 38	0 46	22 36	0 58	0 29	14 55	8 1	8 3	2 31	14 32	0 33
T 28	22 13	24 23	4 54	16 20	4 5	10 57	2 3	10 11	0 59	2 52	1 16	22 41	0 45	5 38	0 46	22 36	0 58	0 29	14 55	8 4	8 4	2 28	14 33	0 33
F 29	22 21	27 11	5 0	16 12	4 10	11 21	2 3	9 59	0 58	2 49	1 16	22 42	0 45	5 37	0 46	22 36	0 58	0 29	14 55	8 9	8 5	2 24	14 34	0 33
S 30	22 29	28 17	4 49	16 5	4 14	11 45	2 2	9 47	0 57	2 46	1 16	22 42	0 45	5 37	0 46	22 36	0 58	0 29	14 54	8 13	8 6	2 21	14 36	0 33
S 31	22n36	27s42	4s23	16n 1	4s17	12n 8	2s 1	9n35	0n55	2s43	1s17	22n43	0s45	5s37	0s46	22s36	0n58	0s29	14n54	8s17	8s 8	2s18	14n37	0s33

Julian Day Number = 2087158.5, Delta T = 24m12s
Ecliptic obliquity = 23°34'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'06, Lahiri = 9°57'06 Julian Calendar 1 May 1002 == Greg. Calendar 7 May 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

JUNE 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 57 53	14♊51'17	21♑ 5	29°D37	8♉32	8♍10	26♓16	24♊41	17♓40	1°R 0	9°R 8	8°R43	9♓15	21♓48	10♉50	M 1
T 2	17 1 50	15°48'28	3♒43	29♉37	9°42	8°40	26°23	24°49	17°40	0♑59	9♏ 7	8♓37	9°12	21°55	10°54	T 2
W 3	17 5 46	16°45'38	16° 3	29°43	10°52	9°10	26°30	24°57	17°41	0°57	9° 6	8°33	9° 8	22° 2	10°57	W 3
T 4	17 9 43	17°42'48	28° 7	29°53	12° 3	9°40	26°38	25° 5	17°42	0°56	9° 5	8°31	9° 5	22° 8	11° 1	T 4
F 5	17 13 40	18°39'58	10♓ 2	0♊ 8	13°13	10°10	26°45	25°12	17°42	0°54	9° 4	8°D31	9° 2	22°15	11° 4	F 5
S 6	17 17 36	19°37'08	21°51	0°27	14°23	10°40	26°52	25°20	17°43	0°52	9° 2	8°R31	8°59	22°22	11° 7	S 6
S 7	17 21 33	20°34'19	3♈40	0°52	15°34	11°11	26°58	25°28	17°43	0°51	9° 1	8°30	8°56	22°28	11°11	S 7
M 8	17 25 29	21°31'29	15°36	1°21	16°44	11°42	27° 5	25°36	17°44	0°49	9° 0	8°28	8°52	22°35	11°14	M 8
T 9	17 29 26	22°28'39	27°41	1°54	17°55	12°13	27°11	25°44	17°44	0°48	8°59	8°24	8°49	22°42	11°17	T 9
W10	17 33 22	23°25'50	10♉ 2	2°33	19° 6	12°44	27°18	25°51	17°45	0°46	8°58	8°17	8°46	22°48	11°21	W10
T 11	17 37 19	24°23'00	22°40	3°16	20°16	13°15	27°24	25°59	17°45	0°44	8°57	8° 7	8°43	22°55	11°24	T 11
F 12	17 41 15	25°20'11	5♊37	4° 3	21°27	13°47	27°30	26° 7	17°45	0°43	8°56	7°56	8°40	23° 2	11°27	F 12
S 13	17 45 12	26°17'22	18°53	4°55	22°38	14°18	27°36	26°15	17°46	0°41	8°55	7°45	8°37	23° 8	11°30	S 13
S 14	17 49 9	27°14'33	2♋27	5°52	23°49	14°50	27°41	26°23	17°46	0°40	8°54	7°34	8°33	23°15	11°34	S 14
M15	17 53 5	28°11'44	16°16	6°53	25° 0	15°22	27°47	26°31	17°46	0°38	8°53	7°24	8°30	23°22	11°37	M15
T 16	17 57 2	29° 8'55	0♌15	7°58	26°11	15°54	27°52	26°38	17°46	0°36	8°52	7°17	8°27	23°28	11°40	T 16
W17	18 0 58	0♋ 6'06	14°22	9° 7	27°22	16°27	27°57	26°46	17°46	0°35	8°51	7°13	8°24	23°35	11°43	W17
T 18	18 4 55	1° 3'17	28°32	10°21	28°33	16°59	28° 2	26°54	17°R46	0°33	8°50	7°11	8°21	23°42	11°46	T 18
F 19	18 8 51	2° 0'28	12♍43	11°39	29°44	17°32	28° 7	27° 2	17°46	0°32	8°50	7°D11	8°18	23°48	11°49	F 19
S 20	18 12 48	2°57'38	26°53	13° 0	0♊55	18° 5	28°12	27°10	17°46	0°30	8°49	7°R11	8°14	23°55	11°52	S 20
S 21	18 16 45	3°54'48	11♎ 0	14°26	2° 6	18°38	28°16	27°18	17°46	0°28	8°48	7°11	8°11	24° 1	11°55	S 21
M22	18 20 41	4°51'59	25° 5	15°56	3°18	19°11	28°20	27°25	17°46	0°27	8°47	7°10	8° 8	24° 8	11°57	M22
T 23	18 24 38	5°49'09	9♏ 4	17°29	4°29	19°45	28°24	27°33	17°46	0°25	8°47	7° 6	8° 5	24°15	12° 0	T 23
W24	18 28 34	6°46'20	22°57	19° 7	5°40	20°18	28°28	27°41	17°45	0°23	8°46	7° 0	8° 2	24°21	12° 3	W24
T 25	18 32 31	7°43'31	6♐41	20°48	6°52	20°52	28°32	27°49	17°45	0°22	8°45	6°51	7°58	24°28	12° 6	T 25
F 26	18 36 27	8°40'42	20°14	22°32	8° 3	21°26	28°36	27°56	17°45	0°20	8°45	6°42	7°55	24°35	12° 8	F 26
S 27	18 40 24	9°37'53	3♑32	24°20	9°15	21°59	28°39	28° 4	17°44	0°19	8°44	6°33	7°52	24°41	12°11	S 27
S 28	18 44 20	10°35'05	16°34	26°10	10°26	22°34	28°42	28°12	17°44	0°17	8°43	6°24	7°49	24°48	12°14	S 28
M29	18 48 17	11°32'18	29°20	28° 4	11°38	23° 8	28°45	28°20	17°43	0°15	8°43	6°17	7°46	24°55	12°16	M29
T 30	18 52 14	12♋29'31	11♒49	0♋ 1	12♊50	23♍42	28♓48	28♊27	17♓43	0♑14	8♏42	6♓12	7♓43	25♓ 1	12♉19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n42	25s35	3s43	15n59	4s18	12n32	2s 0	9n23	0n54	2s40	1s17	22n43	0s45	5s36	0s46	22s36	0n58	0s29	14n54	8s21	8s 9	2s14	14n38	0s34
T 2	22 49	22 14	2 53	15 59	4 18	12 55	1 59	9 11	0 52	2 38	1 17	22 43	0 45	5 36	0 46	22 36	0 58	0 29	14 53	8 23	8 10	2 11	14 39	0 34
W 3	22 54	17 58	1 56	16 1	4 17	13 18	1 58	8 58	0 51	2 35	1 18	22 44	0 45	5 36	0 46	22 36	0 58	0 29	14 53	8 25	8 11	2 7	14 40	0 34
T 4	23 0	13 3	0 55	16 6	4 14	13 41	1 57	8 45	0 50	2 32	1 18	22 44	0 44	5 36	0 46	22 36	0 58	0 29	14 52	8 25	8 12	2 4	14 41	0 34
F 5	23 5	7 44	0n 8	16 12	4 11	14 3	1 56	8 33	0 48	2 30	1 18	22 45	0 44	5 35	0 46	22 36	0 58	0 29	14 52	8 25	8 14	2 0	14 42	0 34
S 6	23 10	2 11	1 10	16 20	4 7	14 25	1 54	8 20	0 47	2 27	1 18	22 45	0 44	5 35	0 46	22 36	0 58	0 29	14 52	8 25	8 15	1 57	14 43	0 34
S 7	23 14	3n27	2 9	16 31	4 1	14 47	1 53	8 7	0 46	2 25	1 19	22 45	0 44	5 35	0 46	22 36	0 58	0 29	14 51	8 25	8 16	1 54	14 44	0 34
M 8	23 18	8 59	3 3	16 43	3 55	15 9	1 52	7 54	0 45	2 22	1 19	22 46	0 44	5 35	0 46	22 36	0 58	0 29	14 51	8 26	8 17	1 50	14 44	0 34
T 9	23 21	14 17	3 50	16 56	3 48	15 30	1 50	7 41	0 43	2 20	1 19	22 46	0 44	5 35	0 46	22 36	0 58	0 29	14 50	8 28	8 18	1 47	14 45	0 34
W10	23 24	19 7	4 26	17 12	3 40	15 51	1 49	7 28	0 42	2 18	1 19	22 46	0 44	5 35	0 46	22 36	0 58	0 29	14 50	8 31	8 20	1 43	14 46	0 34
T 11	23 27	23 13	4 51	17 28	3 31	16 12	1 47	7 15	0 41	2 15	1 20	22 47	0 44	5 35	0 46	22 36	0 58	0 29	14 50	8 34	8 21	1 40	14 47	0 35
F 12	23 29	26 18	5 2	17 46	3 22	16 32	1 45	7 1	0 40	2 13	1 20	22 47	0 44	5 34	0 46	22 36	0 58	0 29	14 49	8 38	8 22	1 36	14 48	0 35
S 13	23 31	28 1	4 56	18 5	3 12	16 52	1 43	6 48	0 38	2 11	1 20	22 47	0 44	5 34	0 46	22 36	0 58	0 29	14 49	8 43	8 23	1 33	14 49	0 35
S 14	23 33	28 7	4 34	18 26	3 1	17 11	1 42	6 35	0 37	2 9	1 21	22 48	0 44	5 34	0 46	22 36	0 58	0 29	14 48	8 47	8 24	1 30	14 50	0 35
M15	23 34	26 29	3 56	18 47	2 50	17 30	1 40	6 21	0 36	2 7	1 21	22 48	0 43	5 34	0 46	22 36	0 58	0 30	14 48	8 50	8 26	1 26	14 51	0 35
T 16	23 34	23 11	3 3	19 9	2 39	17 49	1 38	6 7	0 35	2 6	1 21	22 48	0 43	5 34	0 46	22 36	0 58	0 30	14 47	8 53	8 27	1 23	14 52	0 35
W17	23 34	18 30	1 58	19 31	2 27	18 7	1 36	5 54	0 34	2 4	1 21	22 49	0 43	5 34	0 46	22 36	0 58	0 30	14 47	8 54	8 28	1 19	14 52	0 35
T 18	23 34	12 46	0 46	19 54	2 15	18 25	1 34	5 40	0 32	2 2	1 22	22 49	0 43	5 34	0 47	22 36	0 58	0 30	14 46	8 55	8 29	1 16	14 53	0 35
F 19	23 33	6 22	0s29	20 17	2 2	18 43	1 32	5 26	0 31	2 0	1 22	22 49	0 43	5 34	0 47	22 36	0 58	0 30	14 46	8 55	8 30	1 13	14 54	0 35
S 20	23 32	0s20	1 43	20 40	1 50	19 0	1 30	5 12	0 30	1 59	1 22	22 49	0 43	5 34	0 47	22 36	0 58	0 31	14 45	8 55	8 32	1 9	14 55	0 35
S 21	23 31	6 59	2 50	21 3	1 37	19 16	1 27	4 58	0 29	1 57	1 23	22 50	0 43	5 35	0 47	22 36	0 58	0 31	14 45	8 55	8 33	1 6	14 56	0 36
M22	23 29	13 16	3 47	21 26	1 24	19 32	1 25	4 44	0 28	1 56	1 23	22 50	0 43	5 35	0 47	22 36	0 58	0 31	14 45	8 56	8 34	1 2	14 56	0 36
T 23	23 27	18 51	4 29	21 48	1 11	19 48	1 23	4 29	0 27	1 54	1 23	22 50	0 43	5 35	0 47	22 36	0 58	0 31	14 44	8 57	8 35	0 59	14 57	0 36
W24	23 24	23 22	4 56	22 9	0 58	20 3	1 21	4 15	0 26	1 53	1 23	22 50	0 43	5 35	0 47	22 36	0 58	0 32	14 44	8 59	8 36	0 55	14 58	0 36
T 25	23 21	26 33	5 5	22 30	0 45	20 17	1 18	4 1	0 24	1 52	1 24	22 50	0 43	5 35	0 47	22 36	0 58	0 32	14 43	9 3	8 37	0 52	14 59	0 36
F 26	23 17	28 8	4 56	22 49	0 32	20 31	1 16	3 46	0 23	1 51	1 24	22 51	0 43	5 35	0 47	22 36	0 58	0 32	14 43	9 6	8 39	0 49	14 59	0 36
S 27	23 13	28 3	4 32	23 7	0 20	20 45	1 13	3 32	0 22	1 50	1 24	22 51	0 43	5 35	0 47	22 36	0 58	0 32	14 42	9 10	8 40	0 45	15 0	0 36
S 28	23 9	26 24	3 54	23 23	0 8	20 58	1 11	3 17	0 21	1 49	1 25	22 51	0 43	5 36	0 47	22 36	0 58	0 33	14 42	9 13	8 41	0 42	15 1	0 36
M29	23 4	23 24	3 4	23 38	0n 4	21 10	1 8	3 3	0 20	1 48	1 25	22 51	0 42	5 36	0 47	22 36	0 58	0 33	14 41	9 15	8 42	0 38	15 1	0 36
T 30	22n59	19s22	2s 7	23n50	0n16	21n22	1s 6	2n48	0n19	1s47	1s25	22n51	0s42	5s36	0s47	22s36	0n58	0s33	14n40	9s17	8s43	0s35	15n 2	0s37

Julian Day Number = 2087189.5, Delta T = 24m11s
Ecliptic obliquity = 23°34'15, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'10, Lahiri = 9°57'10 Julian Calendar 1 June 1002 == Greg. Calendar 7 June 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

JULY 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 56 10	13♋26'44	24♒ 2	1♋59	14♊ 1	24♍17	28♓51	28♊35	17°R42	0°R12	8°R42	6°R 9	7♓39	25♓ 8	12♉21	W 1
T 2	19 0 7	14°23'59	6♓ 4	4° 0	15°13	24°51	28°53	28°43	17♓41	0♏11	8♏42	6°D 8	7°36	25°15	12°24	T 2
F 3	19 4 3	15°21'14	17°57	6° 3	16°25	25°26	28°55	28°50	17°41	0° 9	8°41	6♓ 9	7°33	25°21	12°26	F 3
S 4	19 8 0	16°18'30	29°46	8° 7	17°37	26° 1	28°58	28°58	17°40	0° 8	8°41	6°10	7°30	25°28	12°28	S 4
S 5	19 11 56	17°15'47	11♈36	10°12	18°49	26°36	28°59	29° 5	17°39	0° 6	8°40	6°11	7°27	25°35	12°30	S 5
M 6	19 15 53	18°13'05	23°32	12°18	20° 1	27°11	29° 1	29°13	17°38	0° 5	8°40	6°R11	7°24	25°41	12°33	M 6
T 7	19 19 49	19°10'24	5♉39	14°24	21°13	27°47	29° 3	29°20	17°37	0° 3	8°40	6° 9	7°20	25°48	12°35	T 7
W 8	19 23 46	20° 7'44	18° 1	16°31	22°25	28°22	29° 4	29°28	17°36	0° 2	8°40	6° 6	7°17	25°55	12°37	W 8
T 9	19 27 43	21° 5'06	0♊44	18°37	23°37	28°58	29° 5	29°35	17°35	0° 0	8°39	6° 1	7°14	26° 1	12°39	T 9
F 10	19 31 39	22° 2'28	13°49	20°43	24°49	29°33	29° 6	29°43	17°34	29♐59	8°39	5°54	7°11	26° 8	12°41	F 10
S 11	19 35 36	22°59'51	27°17	22°49	26° 2	0♎ 9	29° 7	29°50	17°33	29°57	8°39	5°47	7° 8	26°15	12°43	S 11
S 12	19 39 32	23°57'16	11♋ 7	24°54	27°14	0°45	29° 7	29°58	17°32	29°56	8°39	5°41	7° 4	26°21	12°45	S 12
M13	19 43 29	24°54'42	25°16	26°58	28°26	1°21	29° 7	0♋ 5	17°31	29°54	8°39	5°35	7° 1	26°28	12°47	M13
T 14	19 47 25	25°52'08	9♌39	29° 0	29°39	1°58	29°R 8	0°13	17°30	29°53	8°39	5°31	6°58	26°35	12°49	T 14
W15	19 51 22	26°49'35	24°11	1♌ 2	0♋51	2°34	29° 8	0°20	17°29	29°51	8°D39	5°29	6°55	26°41	12°50	W15
T 16	19 55 19	27°47'03	8♍45	3° 2	2° 4	3°10	29° 7	0°27	17°27	29°50	8°39	5°D28	6°52	26°48	12°52	T 16
F 17	19 59 15	28°44'32	23°16	5° 1	3°16	3°47	29° 7	0°34	17°26	29°49	8°39	5°29	6°49	26°54	12°54	F 17
S 18	20 3 12	29°42'02	7♎40	6°59	4°29	4°24	29° 6	0°42	17°25	29°47	8°39	5°31	6°45	27° 1	12°55	S 18
S 19	20 7 8	0♌39'33	21°54	8°55	5°41	5° 1	29° 5	0°49	17°23	29°46	8°39	5°32	6°42	27° 8	12°57	S 19
M20	20 11 5	1°37'04	5♏56	10°50	6°54	5°38	29° 4	0°56	17°22	29°45	8°39	5°R32	6°39	27°14	12°58	M20
T 21	20 15 1	2°34'37	19°46	12°43	8° 7	6°15	29° 3	1° 3	17°20	29°43	8°40	5°31	6°36	27°21	13° 0	T 21
W22	20 18 58	3°32'10	3♐22	14°35	9°20	6°52	29° 1	1°10	17°19	29°42	8°40	5°28	6°33	27°28	13° 1	W22
T 23	20 22 54	4°29'44	16°44	16°25	10°32	7°29	29° 0	1°17	17°17	29°41	8°40	5°24	6°30	27°34	13° 2	T 23
F 24	20 26 51	5°27'20	29°53	18°14	11°45	8° 7	28°58	1°24	17°16	29°40	8°40	5°20	6°26	27°41	13° 4	F 24
S 25	20 30 48	6°24'56	12♑48	20° 1	12°58	8°44	28°56	1°31	17°14	29°38	8°41	5°15	6°23	27°48	13° 5	S 25
S 26	20 34 44	7°22'34	25°30	21°47	14°11	9°22	28°54	1°38	17°12	29°37	8°41	5°11	6°20	27°54	13° 6	S 26
M27	20 38 41	8°20'13	7♒58	23°31	15°24	10° 0	28°51	1°45	17°11	29°36	8°42	5° 7	6°17	28° 1	13° 7	M27
T 28	20 42 37	9°17'53	20°14	25°14	16°37	10°37	28°49	1°51	17° 9	29°35	8°42	5° 5	6°14	28° 8	13° 8	T 28
W29	20 46 34	10°15'35	2♓20	26°55	17°50	11°15	28°46	1°58	17° 7	29°34	8°42	5°D 4	6°10	28°14	13° 9	W29
T 30	20 50 30	11°13'18	14°16	28°35	19° 4	11°54	28°43	2° 5	17° 6	29°33	8°43	5° 5	6° 7	28°21	13°10	T 30
F 31	20 54 27	12♌11'02	26♓ 7	0♍14	20♋17	12♎32	28♓40	2♋11	17♓ 4	29♐31	8♏44	5♓ 6	6♓ 4	28♓28	13♉11	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n53	14s36	1s 5	24n 0	0n27	21n34	1s 3	2n34	0n18	1s46	1s26	22n51	0s42	5s36	0s47	22s36	0n58	0s34	14n40	9s18	8s45	0s31	15n 3	0s37	W 1
T 2	22 47	9 20	0 0	24 8	0 37	21 44	1 1	2 19	0 17	1 45	1 26	22 52	0 42	5 37	0 47	22 36	0 58	0 34	14 39	9 19	8 46	0 28	15 3	0 37	T 2
F 3	22 41	3 49	1n 3	24 13	0 47	21 55	0 58	2 4	0 16	1 45	1 26	22 52	0 42	5 37	0 47	22 36	0 58	0 34	14 39	9 18	8 47	0 25	15 4	0 37	F 3
S 4	22 34	1n48	2 4	24 15	0 56	22 4	0 56	1 49	0 15	1 44	1 27	22 52	0 42	5 37	0 47	22 36	0 58	0 35	14 38	9 18	8 48	0 21	15 5	0 37	S 4
S 5	22 27	7 22	3 0	24 15	1 4	22 13	0 53	1 34	0 14	1 44	1 27	22 52	0 42	5 38	0 47	22 36	0 58	0 35	14 38	9 18	8 49	0 18	15 5	0 37	S 5
M 6	22 19	12 42	3 48	24 12	1 12	22 21	0 50	1 19	0 13	1 43	1 27	22 52	0 42	5 38	0 47	22 36	0 58	0 36	14 37	9 18	8 51	0 14	15 6	0 37	M 6
T 7	22 11	17 39	4 27	24 6	1 19	22 29	0 48	1 4	0 12	1 43	1 27	22 52	0 42	5 38	0 47	22 36	0 58	0 36	14 37	9 18	8 52	0 11	15 6	0 37	T 7
W 8	22 3	21 59	4 54	23 57	1 25	22 36	0 45	0 49	0 11	1 43	1 28	22 52	0 42	5 39	0 47	22 36	0 58	0 37	14 36	9 19	8 53	0 7	15 7	0 37	W 8
T 9	21 54	25 26	5 8	23 46	1 31	22 43	0 42	0 34	0 10	1 43	1 28	22 52	0 42	5 39	0 47	22 36	0 58	0 37	14 36	9 21	8 54	0 4	15 7	0 38	T 9
F 10	21 45	27 39	5 6	23 32	1 35	22 49	0 39	0 19	0 9	1 43	1 28	22 52	0 42	5 40	0 47	22 36	0 58	0 37	14 35	9 24	8 55	0 1	15 8	0 38	F 10
S 11	21 36	28 20	4 48	23 15	1 39	22 54	0 37	0 3	0 8	1 43	1 29	22 53	0 42	5 40	0 47	22 36	0 58	0 38	14 35	9 26	8 56	0n 3	15 8	0 38	S 11
S 12	21 26	27 18	4 12	22 57	1 42	22 59	0 34	0s12	0 7	1 43	1 29	22 53	0 42	5 41	0 47	22 36	0 58	0 38	14 34	9 29	8 58	0 6	15 9	0 38	S 12
M13	21 16	24 29	3 21	22 35	1 45	23 3	0 31	0 27	0 6	1 43	1 29	22 53	0 42	5 41	0 47	22 36	0 58	0 39	14 34	9 31	8 59	0 10	15 9	0 38	M13
T 14	21 5	20 7	2 16	22 12	1 46	23 6	0 28	0 43	0 5	1 43	1 30	22 53	0 42	5 42	0 47	22 36	0 58	0 39	14 33	9 32	9 0	0 13	15 10	0 38	T 14
W15	20 54	14 30	1 1	21 47	1 47	23 9	0 26	0 58	0 4	1 43	1 30	22 53	0 41	5 42	0 47	22 36	0 58	0 40	14 32	9 33	9 1	0 16	15 10	0 38	W15
T 16	20 43	8 4	0s18	21 19	1 47	23 11	0 23	1 14	0 3	1 44	1 30	22 53	0 41	5 43	0 47	22 36	0 58	0 40	14 32	9 33	9 2	0 20	15 11	0 38	T 16
F 17	20 31	1 14	1 36	20 51	1 47	23 12	0 20	1 29	0 2	1 44	1 31	22 53	0 41	5 43	0 48	22 37	0 58	0 41	14 31	9 33	9 4	0 23	15 11	0 39	F 17
S 18	20 20	5s36	2 47	20 20	1 46	23 12	0 17	1 45	0 1	1 45	1 31	22 53	0 41	5 44	0 48	22 37	0 58	0 42	14 31	9 33	9 5	0 27	15 11	0 39	S 18
S 19	20 7	12 5	3 46	19 48	1 44	23 12	0 14	2 0	0 0	1 45	1 31	22 53	0 41	5 44	0 48	22 37	0 58	0 42	14 30	9 32	9 6	0 30	15 12	0 39	S 19
M20	19 55	17 51	4 32	19 15	1 42	23 12	0 12	2 16	0s 1	1 46	1 31	22 53	0 41	5 45	0 48	22 37	0 58	0 43	14 30	9 32	9 7	0 34	15 12	0 39	M20
T 21	19 42	22 36	5 1	18 40	1 39	23 10	0 9	2 31	0 2	1 47	1 32	22 53	0 41	5 45	0 48	22 37	0 58	0 43	14 29	9 32	9 8	0 37	15 12	0 39	T 21
W22	19 28	26 3	5 12	18 5	1 36	23 8	0 6	2 47	0 3	1 48	1 32	22 53	0 41	5 46	0 48	22 37	0 58	0 44	14 29	9 33	9 9	0 40	15 13	0 39	W22
T 23	19 15	27 59	5 6	17 28	1 33	23 6	0 3	3 3	0 4	1 49	1 32	22 53	0 41	5 47	0 48	22 37	0 58	0 45	14 28	9 35	9 11	0 44	15 13	0 39	T 23
F 24	19 1	28 19	4 44	16 51	1 28	23 2	0 1	3 18	0 5	1 50	1 33	22 53	0 41	5 47	0 48	22 37	0 58	0 45	14 27	9 37	9 12	0 47	15 13	0 39	F 24
S 25	18 46	27 4	4 8	16 13	1 24	22 58	0n 2	3 34	0 5	1 51	1 33	22 53	0 41	5 48	0 48	22 37	0 58	0 46	14 27	9 38	9 13	0 51	15 13	0 40	S 25
S 26	18 32	24 26	3 20	15 34	1 19	22 53	0 5	3 50	0 6	1 52	1 33	22 53	0 41	5 49	0 48	22 37	0 57	0 46	14 26	9 40	9 14	0 54	15 14	0 40	S 26
M27	18 17	20 41	2 23	14 55	1 14	22 48	0 7	4 5	0 7	1 53	1 33	22 53	0 41	5 49	0 48	22 37	0 57	0 47	14 26	9 41	9 15	0 57	15 14	0 40	M27
T 28	18 2	16 6	1 21	14 15	1 8	22 42	0 10	4 21	0 8	1 55	1 34	22 53	0 41	5 50	0 48	22 37	0 57	0 48	14 25	9 42	9 17	1 1	15 14	0 40	T 28
W29	17 46	10 56	0 15	13 35	1 2	22 35	0 13	4 37	0 9	1 56	1 34	22 53	0 41	5 51	0 48	22 37	0 57	0 48	14 25	9 42	9 18	1 4	15 14	0 40	W29
T 30	17 30	5 27	0n50	12 54	0 56	22 28	0 15	4 53	0 10	1 57	1 34	22 53	0 41	5 52	0 48	22 37	0 57	0 49	14 24	9 42	9 19	1 8	15 14	0 40	T 30
F 31	17n14	0n11	1n53	12n13	0n49	22n19	0n18	5s 8	0s11	1s59	1s35	22n52	0s41	5s52	0s48	22s37	0n57	0s50	14n24	9s42	9s20	1n11	15n14	0s40	F 31

Julian Day Number = 2087219.5, Delta T = 24m11s
Ecliptic obliquity = 23°34'15, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'14, Lahiri = 9°57'15 Julian Calendar 1 July 1002 == Greg. Calendar 7 July 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

AUGUST 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 58 23	13♌ 8'49	7♈55	1♍51	21♋30	13♎10	28°R36	2♋18	17°R 2	29°R30	8♏44	5♓ 7	6♓ 1	28♓34	13♉11	S 1
S 2	21 2 20	14° 6'37	19°44	3°27	22°43	13°48	28♓33	2°25	17♓ 0	29♐29	8°45	5° 9	5°58	28°41	13°12	S 2
M 3	21 6 16	15° 4'26	1♉40	5° 1	23°57	14°27	28°29	2°31	16°58	29°28	8°45	5°10	5°55	28°48	13°13	M 3
T 4	21 10 13	16° 2'18	13°46	6°34	25°10	15° 5	28°25	2°37	16°56	29°27	8°46	5°R11	5°51	28°54	13°13	T 4
W 5	21 14 10	17° 0'11	26° 7	8° 6	26°23	15°44	28°21	2°44	16°54	29°26	8°47	5°10	5°48	29° 1	13°14	W 5
T 6	21 18 6	17°58'07	8♊48	9°36	27°37	16°23	28°16	2°50	16°52	29°25	8°47	5° 9	5°45	29° 8	13°14	T 6
F 7	21 22 3	18°56'04	21°52	11° 5	28°51	17° 2	28°12	2°56	16°50	29°24	8°48	5° 8	5°42	29°14	13°15	F 7
S 8	21 25 59	19°54'03	5♋22	12°32	0♌ 4	17°41	28° 7	3° 3	16°48	29°24	8°49	5° 6	5°39	29°21	13°15	S 8
S 9	21 29 56	20°52'04	19°17	13°58	1°18	18°20	28° 3	3° 9	16°46	29°23	8°50	5° 4	5°36	29°28	13°15	S 9
M10	21 33 52	21°50'07	3♌36	15°22	2°31	18°59	27°58	3°15	16°44	29°22	8°51	5° 2	5°32	29°34	13°16	M10
T 11	21 37 49	22°48'12	18°15	16°45	3°45	19°39	27°52	3°21	16°42	29°21	8°52	5° 1	5°29	29°41	13°16	T 11
W12	21 41 46	23°46'18	3♍ 7	18° 7	4°59	20°18	27°47	3°27	16°40	29°20	8°53	5°D 1	5°26	29°48	13°16	W12
T 13	21 45 42	24°44'25	18° 4	19°27	6°13	20°58	27°42	3°33	16°37	29°20	8°54	5° 1	5°23	29°54	13°R16	T 13
F 14	21 49 39	25°42'35	2♎59	20°45	7°26	21°37	27°36	3°39	16°35	29°19	8°55	5° 2	5°20	0♈ 1	13°16	F 14
S 15	21 53 35	26°40'46	17°44	22° 2	8°40	22°17	27°30	3°44	16°33	29°18	8°56	5° 2	5°16	0° 8	13°16	S 15
S 16	21 57 32	27°38'58	2♏14	23°17	9°54	22°57	27°24	3°50	16°31	29°17	8°57	5° 3	5°13	0°14	13°16	S 16
M17	22 1 28	28°37'12	16°24	24°30	11° 8	23°37	27°18	3°56	16°29	29°17	8°58	5° 4	5°10	0°21	13°16	M17
T 18	22 5 25	29°35'28	0♐14	25°42	12°22	24°17	27°12	4° 1	16°26	29°16	8°59	5°R 4	5° 7	0°27	13°15	T 18
W19	22 9 21	0♍33'45	13°43	26°52	13°36	24°57	27° 6	4° 7	16°24	29°16	9° 0	5° 4	5° 4	0°34	13°15	W19
T 20	22 13 18	1°32'04	26°53	27°59	14°50	25°37	26°59	4°12	16°22	29°15	9° 1	5° 3	5° 1	0°41	13°15	T 20
F 21	22 17 15	2°30'24	9♑45	29° 4	16° 4	26°18	26°53	4°17	16°19	29°15	9° 3	5° 3	4°57	0°47	13°14	F 21
S 22	22 21 11	3°28'47	22°21	0♒ 8	17°19	26°58	26°46	4°23	16°17	29°14	9° 4	5° 3	4°54	0°54	13°14	S 22
S 23	22 25 8	4°27'10	4♒45	1° 8	18°33	27°38	26°39	4°28	16°15	29°14	9° 5	5° 3	4°51	1° 1	13°13	S 23
M24	22 29 4	5°25'36	16°57	2° 7	19°47	28°19	26°32	4°33	16°12	29°13	9° 6	5°D 3	4°48	1° 7	13°13	M24
T 25	22 33 1	6°24'03	29° 1	3° 2	21° 1	29° 0	26°25	4°38	16°10	29°13	9° 8	5°R 3	4°45	1°14	13°12	T 25
W26	22 36 57	7°22'32	10♓57	3°55	22°15	29°40	26°18	4°43	16° 8	29°12	9° 9	5° 3	4°42	1°21	13°11	W26
T 27	22 40 54	8°21'03	22°49	4°44	23°30	0♏21	26°11	4°48	16° 5	29°12	9°10	5° 2	4°38	1°27	13°10	T 27
F 28	22 44 50	9°19'36	4♈38	5°30	24°44	1° 2	26° 3	4°53	16° 3	29°12	9°12	5° 2	4°35	1°34	13° 9	F 28
S 29	22 48 47	10°18'11	16°26	6°13	25°58	1°43	25°56	4°57	16° 0	29°12	9°13	5° 1	4°32	1°41	13° 9	S 29
S 30	22 52 43	11°16'48	28°17	6°51	27°13	2°24	25°48	5° 2	15°58	29°11	9°15	5° 1	4°29	1°47	13° 8	S 30
M31	22 56 40	12♍15'28	10♉14	7♒26	28♌27	3♏ 6	25♓41	5♋ 7	15♓56	29♐11	9♏16	5♓ 0	4♓26	1♈54	13♉ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n58	5n47	2n51	11n32	0n42	22n11	0n20	5s24	0s12	2s 0	1s35	22n52	0s41	5s53	0s48	22s37	0n57	0s50	14n23	9s41	9s21	1n15	15n15	0s40
S 2	16 41	11 11	3 42	10 51	0 35	22 1	0 23	5 40	0 12	2 2	1 35	22 52	0 41	5 54	0 48	22 37	0 57	0 51	14 23	9 40	9 22	1 18	15 15	0 41
M 3	16 24	16 14	4 24	10 9	0 28	21 51	0 25	5 56	0 13	2 4	1 35	22 52	0 41	5 55	0 48	22 37	0 57	0 52	14 22	9 40	9 24	1 21	15 15	0 41
T 4	16 7	20 44	4 54	9 28	0 20	21 40	0 28	6 11	0 14	2 6	1 36	22 52	0 40	5 55	0 48	22 37	0 57	0 53	14 21	9 40	9 25	1 25	15 15	0 41
W 5	15 50	24 26	5 12	8 47	0 13	21 29	0 30	6 27	0 15	2 8	1 36	22 52	0 40	5 56	0 48	22 37	0 57	0 53	14 21	9 40	9 26	1 28	15 15	0 41
T 6	15 32	27 5	5 15	8 5	0 5	21 17	0 33	6 43	0 16	2 10	1 36	22 52	0 40	5 57	0 48	22 37	0 57	0 54	14 20	9 40	9 27	1 32	15 15	0 41
F 7	15 14	28 21	5 3	7 24	0s 3	21 5	0 35	6 59	0 16	2 12	1 36	22 52	0 40	5 58	0 48	22 37	0 57	0 55	14 20	9 41	9 28	1 35	15 15	0 41
S 8	14 56	28 1	4 33	6 43	0 11	20 51	0 37	7 15	0 17	2 14	1 37	22 52	0 40	5 59	0 48	22 37	0 57	0 56	14 19	9 42	9 30	1 38	15 15	0 41
S 9	14 37	25 55	3 47	6 2	0 20	20 37	0 40	7 30	0 18	2 16	1 37	22 52	0 40	5 59	0 48	22 37	0 57	0 56	14 19	9 42	9 31	1 42	15 15	0 41
M10	14 18	22 8	2 45	5 22	0 28	20 23	0 42	7 46	0 19	2 18	1 37	22 52	0 40	6 0	0 48	22 37	0 57	0 57	14 18	9 43	9 32	1 45	15 15	0 42
T 11	13 59	16 54	1 32	4 42	0 37	20 8	0 44	8 2	0 20	2 20	1 37	22 51	0 40	6 1	0 48	22 37	0 57	0 58	14 18	9 43	9 33	1 49	15 15	0 42
W12	13 40	10 35	0 11	4 2	0 45	19 52	0 46	8 17	0 20	2 23	1 38	22 51	0 40	6 2	0 48	22 37	0 57	0 59	14 17	9 43	9 34	1 52	15 15	0 42
T 13	13 21	3 38	1s12	3 22	0 54	19 36	0 48	8 33	0 21	2 25	1 38	22 51	0 40	6 3	0 48	22 37	0 57	0 59	14 17	9 43	9 35	1 55	15 14	0 42
F 14	13 1	3s28	2 29	2 43	1 3	19 19	0 50	8 49	0 22	2 27	1 38	22 51	0 40	6 4	0 48	22 37	0 57	1 0	14 16	9 43	9 37	1 59	15 14	0 42
S 15	12 41	10 19	3 36	2 5	1 12	19 2	0 52	9 4	0 23	2 30	1 38	22 51	0 40	6 5	0 48	22 37	0 57	1 1	14 16	9 43	9 38	2 2	15 14	0 42
S 16	12 21	16 29	4 27	1 27	1 21	18 44	0 54	9 20	0 24	2 33	1 38	22 51	0 40	6 5	0 48	22 37	0 57	1 2	14 15	9 43	9 39	2 6	15 14	0 42
M17	12 1	21 38	5 1	0 50	1 29	18 26	0 56	9 36	0 24	2 35	1 39	22 51	0 40	6 6	0 48	22 37	0 57	1 3	14 15	9 42	9 40	2 9	15 14	0 42
T 18	11 41	25 27	5 16	0 13	1 38	18 7	0 58	9 51	0 25	2 38	1 39	22 51	0 40	6 7	0 48	22 37	0 57	1 4	14 14	9 42	9 41	2 12	15 14	0 43
W19	11 20	27 46	5 14	0s23	1 47	17 47	1 0	10 7	0 26	2 40	1 39	22 50	0 40	6 8	0 48	22 37	0 57	1 4	14 13	9 42	9 42	2 16	15 13	0 43
T 20	10 59	28 27	4 55	0 58	1 56	17 27	1 2	10 22	0 27	2 43	1 39	22 50	0 40	6 9	0 48	22 38	0 57	1 5	14 13	9 43	9 44	2 19	15 13	0 43
F 21	10 38	27 33	4 21	1 32	2 5	17 7	1 3	10 38	0 27	2 46	1 39	22 50	0 40	6 10	0 48	22 38	0 57	1 6	14 12	9 43	9 45	2 23	15 13	0 43
S 22	10 17	25 15	3 36	2 5	2 13	16 46	1 5	10 53	0 28	2 49	1 40	22 50	0 40	6 11	0 48	22 38	0 57	1 7	14 12	9 43	9 46	2 26	15 13	0 43
S 23	9 56	21 47	2 41	2 37	2 22	16 24	1 7	11 8	0 29	2 52	1 40	22 50	0 40	6 12	0 48	22 38	0 56	1 8	14 11	9 43	9 47	2 29	15 12	0 43
M24	9 34	17 25	1 39	3 8	2 30	16 3	1 8	11 24	0 29	2 55	1 40	22 50	0 40	6 13	0 48	22 38	0 56	1 9	14 11	9 43	9 48	2 33	15 12	0 43
T 25	9 13	12 24	0 33	3 38	2 38	15 40	1 10	11 39	0 30	2 58	1 40	22 50	0 40	6 14	0 48	22 38	0 56	1 9	14 11	9 43	9 49	2 36	15 12	0 43
W26	8 51	7 0	0n33	4 6	2 46	15 17	1 11	11 54	0 31	3 1	1 40	22 49	0 40	6 15	0 48	22 38	0 56	1 10	14 10	9 43	9 51	2 40	15 11	0 44
T 27	8 29	1 23	1 37	4 33	2 54	14 54	1 13	12 9	0 32	3 4	1 40	22 49	0 40	6 15	0 48	22 38	0 56	1 11	14 10	9 43	9 52	2 43	15 11	0 44
F 28	8 7	4n15	2 37	4 58	3 2	14 30	1 14	12 24	0 32	3 7	1 40	22 49	0 40	6 16	0 48	22 38	0 56	1 12	14 9	9 43	9 53	2 46	15 11	0 44
S 29	7 45	9 43	3 30	5 22	3 9	14 6	1 15	12 39	0 33	3 10	1 41	22 49	0 40	6 17	0 48	22 38	0 56	1 13	14 9	9 43	9 54	2 50	15 10	0 44
S 30	7 22	14 53	4 14	5 44	3 16	13 42	1 16	12 54	0 34	3 13	1 41	22 49	0 40	6 18	0 48	22 38	0 56	1 14	14 8	9 44	9 55	2 53	15 10	0 44
M31	7n 0	19n31	4n48	6s 3	3s22	13n17	1n17	13s 9	0s34	3s16	1s41	22n49	0s40	6s19	0s48	22s38	0n56	1s15	14n 8	9s44	9s56	2n56	15n 9	0s44

Julian Day Number = 2087250.5, Delta T = 24m10s
Ecliptic obliquity = 23°34'15, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'18, Lahiri = 9°57'19 Julian Calendar 1 Aug. 1002 == Greg. Calendar 7 Aug. 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

SEPTEMBER 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 0 37	13♍14'10	22♉20	7♎55	29♌42	3♏47	25°R33	5♋11	15°R53	29°R11	9♏18	4°R59	4♓22	2♈ 1	13°R 5	T 1
W 2	23 4 33	14°12'54	4♊39	8°20	0♍56	4°28	25♓25	5°15	15♓51	29♐11	9°19	4♓58	4°19	2° 7	13♉ 4	W 2
T 3	23 8 30	15°11'40	17°16	8°40	2°11	5°10	25°18	5°20	15°48	29°11	9°21	4°D58	4°16	2°14	13° 3	T 3
F 4	23 12 26	16°10'29	0♋14	8°54	3°26	5°51	25°10	5°24	15°46	29°11	9°23	4°59	4°13	2°21	13° 2	F 4
S 5	23 16 23	17° 9'20	13°37	9° 2	4°40	6°33	25° 2	5°28	15°44	29°11	9°24	4°59	4°10	2°27	13° 0	S 5
S 6	23 20 19	18° 8'14	27°26	9°R 4	5°55	7°15	24°54	5°32	15°41	29°D11	9°26	5° 0	4° 7	2°34	12°59	S 6
M 7	23 24 16	19° 7'09	11♌42	8°59	7°10	7°57	24°46	5°36	15°39	29°11	9°28	5° 1	4° 3	2°41	12°58	M 7
T 8	23 28 12	20° 6'07	26°22	8°46	8°24	8°39	24°38	5°40	15°36	29°11	9°29	5° 2	4° 0	2°47	12°56	T 8
W 9	23 32 9	21° 5'07	11♍21	8°27	9°39	9°21	24°30	5°44	15°34	29°11	9°31	5°R 2	3°57	2°54	12°55	W 9
T 10	23 36 6	22° 4'09	26°32	7°59	10°54	10° 3	24°22	5°47	15°32	29°11	9°33	5° 1	3°54	3° 1	12°53	T 10
F 11	23 40 2	23° 3'14	11♎44	7°24	12° 9	10°45	24°14	5°51	15°29	29°11	9°35	5° 0	3°51	3° 7	12°51	F 11
S 12	23 43 59	24° 2'20	26°48	6°42	13°23	11°27	24° 6	5°54	15°27	29°11	9°37	4°57	3°47	3°14	12°50	S 12
S 13	23 47 55	25° 1'28	11♏36	5°52	14°38	12° 9	23°58	5°58	15°24	29°11	9°38	4°55	3°44	3°21	12°48	S 13
M14	23 51 52	26° 0'38	26° 1	4°56	15°53	12°52	23°50	6° 1	15°22	29°12	9°40	4°52	3°41	3°27	12°46	M14
T 15	23 55 48	26°59'50	9♐59	3°54	17° 8	13°34	23°42	6° 4	15°20	29°12	9°42	4°51	3°38	3°34	12°44	T 15
W16	23 59 45	27°59'03	23°31	2°48	18°23	14°17	23°34	6° 7	15°17	29°12	9°44	4°D50	3°35	3°41	12°42	W16
T 17	0 3 41	28°58'19	6♑38	1°38	19°38	15° 0	23°26	6°10	15°15	29°13	9°46	4°50	3°32	3°47	12°40	T 17
F 18	0 7 38	29°57'36	19°23	0°27	20°53	15°42	23°18	6°13	15°13	29°13	9°48	4°51	3°28	3°54	12°38	F 18
S 19	0 11 35	0♎56'55	1♒49	29♍17	22° 8	16°25	23°10	6°16	15°10	29°14	9°50	4°52	3°25	4° 1	12°36	S 19
S 20	0 15 31	1°56'16	14° 1	28° 9	23°23	17° 8	23° 2	6°19	15° 8	29°14	9°52	4°54	3°22	4° 7	12°34	S 20
M21	0 19 28	2°55'39	26° 2	27° 6	24°38	17°51	22°54	6°21	15° 6	29°14	9°54	4°55	3°19	4°14	12°32	M21
T 22	0 23 24	3°55'04	7♓56	26° 9	25°53	18°34	22°46	6°24	15° 4	29°15	9°56	4°R56	3°16	4°21	12°30	T 22
W23	0 27 21	4°54'30	19°46	25°20	27° 8	19°17	22°38	6°26	15° 1	29°16	9°58	4°55	3°13	4°27	12°28	W23
T 24	0 31 17	5°53'59	1♈35	24°40	28°23	20° 1	22°31	6°28	14°59	29°16	10° 0	4°52	3° 9	4°34	12°25	T 24
F 25	0 35 14	6°53'29	13°25	24°10	29°38	20°44	22°23	6°30	14°57	29°17	10° 2	4°48	3° 6	4°41	12°23	F 25
S 26	0 39 10	7°53'02	25°17	23°51	0♎53	21°27	22°16	6°32	14°55	29°17	10° 4	4°42	3° 3	4°47	12°21	S 26
S 27	0 43 7	8°52'37	7♉13	23°D44	2° 8	22°11	22° 8	6°34	14°53	29°18	10° 6	4°36	3° 0	4°54	12°18	S 27
M28	0 47 4	9°52'14	19°15	23°47	3°24	22°54	22° 1	6°36	14°50	29°19	10° 9	4°30	2°57	5° 1	12°16	M28
T 29	0 51 0	10°51'54	1♊27	24° 1	4°39	23°38	21°54	6°38	14°48	29°20	10°11	4°24	2°53	5° 7	12°13	T 29
W30	0 54 57	11♎51'35	13♊49	24♍26	5♎54	24♏21	21♓47	6♋39	14♓46	29♐20	10♏13	4♓19	2♓50	5♈14	12♉11	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n37	23n26	5n 9	6s20	3s28	12n52	1n18	13s24	0s35	3s19	1s41	22n49	0s40	6s20	0s48	22s38	0n56	1s16	14n 7	9s44	9s58	3n 0	15n 9	0s44
W 2	6 15	26 23	5 17	6 35	3 33	12 26	1 19	13 38	0 36	3 22	1 41	22 48	0 40	6 21	0 48	22 38	0 56	1 17	14 7	9 44	9 59	3 3	15 8	0 44
T 3	5 52	28 6	5 10	6 47	3 38	12 0	1 20	13 53	0 36	3 26	1 41	22 48	0 40	6 22	0 48	22 38	0 56	1 17	14 6	9 44	10 0	3 7	15 8	0 45
F 4	5 29	28 21	4 47	6 56	3 41	11 34	1 21	14 8	0 37	3 29	1 41	22 48	0 39	6 23	0 48	22 38	0 56	1 18	14 6	9 44	10 1	3 10	15 7	0 45
S 5	5 6	26 59	4 8	7 2	3 44	11 7	1 22	14 22	0 38	3 32	1 41	22 48	0 39	6 24	0 48	22 38	0 56	1 19	14 5	9 44	10 2	3 13	15 7	0 45
S 6	4 43	23 57	3 14	7 5	3 46	10 40	1 23	14 37	0 38	3 35	1 41	22 48	0 39	6 25	0 48	22 38	0 56	1 20	14 5	9 44	10 3	3 17	15 6	0 45
M 7	4 20	19 23	2 6	7 3	3 47	10 13	1 23	14 51	0 39	3 38	1 41	22 48	0 39	6 26	0 48	22 38	0 56	1 21	14 5	9 43	10 5	3 20	15 6	0 45
T 8	3 56	13 33	0 48	6 58	3 47	9 46	1 24	15 5	0 40	3 42	1 41	22 48	0 39	6 27	0 48	22 38	0 56	1 22	14 4	9 43	10 6	3 23	15 5	0 45
W 9	3 33	6 48	0s35	6 49	3 45	9 18	1 25	15 19	0 40	3 45	1 41	22 47	0 39	6 28	0 48	22 38	0 56	1 23	14 4	9 43	10 7	3 27	15 5	0 45
T 10	3 10	0s23	1 56	6 35	3 42	8 50	1 25	15 33	0 41	3 48	1 42	22 47	0 39	6 29	0 48	22 38	0 56	1 24	14 3	9 43	10 8	3 30	15 4	0 46
F 11	2 46	7 34	3 9	6 16	3 37	8 22	1 26	15 47	0 41	3 51	1 42	22 47	0 39	6 30	0 48	22 38	0 56	1 25	14 3	9 44	10 9	3 34	15 3	0 46
S 12	2 23	14 14	4 8	5 53	3 31	7 53	1 26	16 1	0 42	3 55	1 42	22 47	0 39	6 30	0 48	22 38	0 56	1 26	14 3	9 45	10 10	3 37	15 3	0 46
S 13	1 59	19 59	4 50	5 26	3 22	7 24	1 26	16 15	0 43	3 58	1 42	22 47	0 39	6 31	0 48	22 38	0 56	1 27	14 2	9 46	10 11	3 40	15 2	0 46
M14	1 36	24 24	5 12	4 54	3 12	6 55	1 26	16 28	0 43	4 1	1 42	22 47	0 39	6 32	0 48	22 39	0 56	1 28	14 2	9 47	10 13	3 44	15 2	0 46
T 15	1 12	27 15	5 14	4 18	2 59	6 26	1 27	16 42	0 44	4 4	1 42	22 47	0 39	6 33	0 48	22 39	0 56	1 28	14 1	9 47	10 14	3 47	15 1	0 46
W16	0 48	28 23	4 59	3 38	2 45	5 57	1 27	16 55	0 44	4 7	1 42	22 47	0 39	6 34	0 48	22 39	0 55	1 29	14 1	9 48	10 15	3 50	15 0	0 46
T 17	0 25	27 52	4 28	2 56	2 29	5 27	1 27	17 8	0 45	4 11	1 41	22 46	0 39	6 35	0 48	22 39	0 55	1 30	14 1	9 48	10 16	3 54	14 59	0 46
F 18	0 1	25 52	3 45	2 11	2 11	4 57	1 27	17 21	0 45	4 14	1 41	22 46	0 39	6 36	0 48	22 39	0 55	1 31	14 0	9 47	10 17	3 57	14 59	0 47
S 19	0s23	22 40	2 52	1 26	1 53	4 28	1 26	17 34	0 46	4 17	1 41	22 46	0 39	6 37	0 48	22 39	0 55	1 32	14 0	9 47	10 18	4 0	14 58	0 47
S 20	0 46	18 30	1 52	0 41	1 33	3 58	1 26	17 47	0 47	4 20	1 41	22 46	0 39	6 38	0 48	22 39	0 55	1 33	14 0	9 46	10 20	4 4	14 57	0 47
M21	1 10	13 40	0 49	0n 3	1 12	3 27	1 26	18 0	0 47	4 23	1 41	22 46	0 39	6 39	0 48	22 39	0 55	1 34	13 59	9 45	10 21	4 7	14 56	0 47
T 22	1 34	8 23	0n17	0 45	0 52	2 57	1 26	18 13	0 48	4 26	1 41	22 46	0 39	6 39	0 48	22 39	0 55	1 35	13 59	9 45	10 22	4 11	14 56	0 47
W23	1 58	2 50	1 21	1 23	0 31	2 27	1 25	18 25	0 48	4 29	1 41	22 46	0 39	6 40	0 48	22 39	0 55	1 36	13 59	9 46	10 23	4 14	14 55	0 47
T 24	2 21	2n47	2 21	1 57	0 12	1 57	1 25	18 37	0 49	4 32	1 41	22 46	0 39	6 41	0 48	22 39	0 55	1 37	13 58	9 47	10 24	4 17	14 54	0 47
F 25	2 45	8 19	3 15	2 26	0n 7	1 26	1 24	18 50	0 49	4 35	1 41	22 46	0 39	6 42	0 48	22 39	0 55	1 38	13 58	9 48	10 25	4 21	14 53	0 47
S 26	3 9	13 34	4 1	2 50	0 25	0 55	1 24	19 2	0 50	4 38	1 41	22 46	0 39	6 43	0 48	22 39	0 55	1 39	13 58	9 50	10 26	4 24	14 52	0 47
S 27	3 32	18 20	4 36	3 8	0 42	0 25	1 23	19 13	0 50	4 41	1 41	22 46	0 39	6 44	0 48	22 39	0 55	1 40	13 57	9 53	10 28	4 27	14 51	0 48
M28	3 56	22 26	5 0	3 21	0 57	0s 6	1 22	19 25	0 51	4 43	1 41	22 45	0 39	6 44	0 48	22 39	0 55	1 41	13 57	9 55	10 29	4 31	14 51	0 48
T 29	4 19	25 37	5 10	3 28	1 10	0 36	1 22	19 37	0 51	4 46	1 41	22 45	0 39	6 45	0 48	22 39	0 55	1 41	13 57	9 57	10 30	4 34	14 50	0 48
W30	4s43	27n39	5n 6	3n29	1n22	1s 7	1n21	19s48	0s52	4s49	1s40	22n45	0s39	6s46	0s48	22s39	0n55	1s42	13n56	9s59	10s31	4n37	14n49	0s48

Julian Day Number = 2087281.5, Delta T = 24m10s
Ecliptic obliquity = 23°34'15, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'23, Lahiri = 9°57'23 Julian Calendar 1 Sept. 1002 == Greg. Calendar 7 Sept. 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

OCTOBER 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 58 53	12♎51'19	26♊25	25♍ 0	7♎ 9	25♏ 5	21°R40	6♋41	14°R44	29♐21	10♏15	4°R16	2♓47	5♈21	12°R 8	T 1
F 2	1 2 50	13°51'05	9♋19	25°43	8°24	25°49	21♓33	6°42	14♓42	29°22	10°17	4°D14	2°44	5°27	12♉ 5	F 2
S 3	1 6 46	14°50'54	22°33	26°34	9°40	26°33	21°26	6°44	14°40	29°23	10°19	4♓14	2°41	5°34	12° 3	S 3
S 4	1 10 43	15°50'45	6♌11	27°33	10°55	27°17	21°19	6°45	14°38	29°24	10°22	4°16	2°38	5°41	12° 0	S 4
M 5	1 14 39	16°50'38	20°14	28°38	12°10	28° 1	21°13	6°46	14°36	29°25	10°24	4°17	2°34	5°47	11°57	M 5
T 6	1 18 36	17°50'33	4♍41	29°48	13°25	28°45	21° 6	6°47	14°34	29°26	10°26	4°R18	2°31	5°54	11°55	T 6
W 7	1 22 33	18°50'31	19°31	1♎ 4	14°41	29°29	21° 0	6°48	14°33	29°27	10°28	4°17	2°28	6° 1	11°52	W 7
T 8	1 26 29	19°50'30	4♎37	2°23	15°56	0♐13	20°54	6°48	14°31	29°28	10°31	4°14	2°25	6° 7	11°49	T 8
F 9	1 30 26	20°50'32	19°51	3°46	17°11	0°58	20°48	6°49	14°29	29°29	10°33	4° 8	2°22	6°14	11°46	F 9
S 10	1 34 22	21°50'36	5♏ 3	5°12	18°27	1°42	20°42	6°49	14°27	29°30	10°35	4° 2	2°19	6°21	11°43	S 10
S 11	1 38 19	22°50'41	20° 2	6°41	19°42	2°26	20°36	6°50	14°25	29°31	10°38	3°54	2°15	6°27	11°41	S 11
M12	1 42 15	23°50'48	4♐39	8°11	20°57	3°11	20°31	6°50	14°24	29°32	10°40	3°46	2°12	6°34	11°38	M12
T 13	1 46 12	24°50'58	18°49	9°44	22°13	3°55	20°26	6°50	14°22	29°33	10°42	3°40	2° 9	6°41	11°35	T 13
W14	1 50 8	25°51'08	2♑29	11°17	23°28	4°40	20°20	6°R50	14°20	29°35	10°45	3°35	2° 6	6°47	11°32	W14
T 15	1 54 5	26°51'20	15°40	12°52	24°44	5°25	20°15	6°50	14°19	29°36	10°47	3°32	2° 3	6°54	11°29	T 15
F 16	1 58 2	27°51'34	28°25	14°27	25°59	6°10	20°10	6°50	14°17	29°37	10°49	3°D32	1°59	7° 1	11°26	F 16
S 17	2 1 58	28°51'49	10♒49	16° 3	27°14	6°54	20° 6	6°50	14°16	29°39	10°52	3°32	1°56	7° 7	11°23	S 17
S 18	2 5 55	29°52'06	22°57	17°40	28°30	7°39	20° 1	6°49	14°14	29°40	10°54	3°33	1°53	7°14	11°20	S 18
M19	2 9 51	0♏52'24	4♓53	19°17	29°45	8°24	19°57	6°49	14°13	29°41	10°56	3°R34	1°50	7°21	11°17	M19
T 20	2 13 48	1°52'44	16°43	20°54	1♏ 0	9° 9	19°53	6°48	14°11	29°43	10°59	3°33	1°47	7°27	11°14	T 20
W21	2 17 44	2°53'05	28°31	22°31	2°16	9°54	19°49	6°47	14°10	29°44	11° 1	3°29	1°44	7°34	11°11	W21
T 22	2 21 41	3°53'28	10♈19	24° 8	3°31	10°39	19°45	6°47	14° 9	29°46	11° 4	3°23	1°40	7°41	11° 7	T 22
F 23	2 25 37	4°53'53	22°12	25°45	4°47	11°25	19°42	6°46	14° 7	29°47	11° 6	3°15	1°37	7°47	11° 4	F 23
S 24	2 29 34	5°54'19	4♉11	27°22	6° 2	12°10	19°38	6°45	14° 6	29°48	11° 8	3° 4	1°34	7°54	11° 1	S 24
S 25	2 33 30	6°54'47	16°17	28°59	7°17	12°55	19°35	6°43	14° 5	29°50	11°11	2°52	1°31	8° 1	10°58	S 25
M26	2 37 27	7°55'16	28°31	0♏36	8°33	13°41	19°32	6°42	14° 4	29°52	11°13	2°39	1°28	8° 7	10°55	M26
T 27	2 41 24	8°55'47	10♊54	2°13	9°48	14°26	19°29	6°41	14° 3	29°53	11°16	2°27	1°24	8°14	10°52	T 27
W28	2 45 20	9°56'20	23°27	3°49	11° 4	15°11	19°27	6°39	14° 2	29°55	11°18	2°17	1°21	8°21	10°49	W28
T 29	2 49 17	10°56'55	6♋12	5°25	12°19	15°57	19°24	6°37	14° 1	29°56	11°20	2°10	1°18	8°27	10°46	T 29
F 30	2 53 13	11°57'31	19° 9	7° 1	13°35	16°43	19°22	6°36	14° 0	29°58	11°23	2° 5	1°15	8°34	10°43	F 30
S 31	2 57 10	12♏58'10	2♌22	8♏37	14♏50	17♐28	19♓20	6♋34	13♓59	29♐59	11♏25	2♓ 3	1♓12	8♈41	10♉39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s 6	28n19	4n48	3n25	1n33	1s38	1n20	19s59	0s52	4s52	1s40	22n45	0s39	6s47	0s48	22s39	0n55	1s43	13n56	10s 0	10s32	4n41	14n48	0s48
F 2	5 30	27 28	4 15	3 16	1 41	2 9	1 19	20 10	0 53	4 54	1 40	22 45	0 39	6 47	0 48	22 39	0 55	1 44	13 56	10 1	10 33	4 44	14 47	0 48
S 3	5 53	25 4	3 27	3 2	1 49	2 39	1 18	20 21	0 53	4 57	1 40	22 45	0 39	6 48	0 48	22 39	0 55	1 45	13 56	10 0	10 35	4 47	14 46	0 48
S 4	6 16	21 12	2 27	2 44	1 55	3 10	1 17	20 32	0 54	4 59	1 40	22 45	0 39	6 49	0 48	22 39	0 55	1 46	13 55	10 0	10 36	4 51	14 45	0 48
M 5	6 39	16 1	1 16	2 22	1 59	3 40	1 16	20 42	0 54	5 2	1 40	22 45	0 39	6 50	0 48	22 39	0 55	1 47	13 55	10 0	10 37	4 54	14 44	0 49
T 6	7 2	9 49	0s 2	1 57	2 3	4 11	1 15	20 53	0 55	5 4	1 40	22 45	0 39	6 50	0 48	22 40	0 55	1 48	13 55	9 59	10 38	4 57	14 43	0 49
W 7	7 25	2 55	1 22	1 29	2 5	4 41	1 13	21 3	0 55	5 6	1 39	22 45	0 39	6 51	0 48	22 40	0 55	1 49	13 55	10 0	10 39	5 1	14 42	0 49
T 8	7 48	4s14	2 36	0 58	2 6	5 12	1 12	21 13	0 56	5 9	1 39	22 45	0 39	6 52	0 48	22 40	0 55	1 50	13 54	10 1	10 40	5 4	14 41	0 49
F 9	8 11	11 12	3 41	0 26	2 6	5 42	1 11	21 23	0 56	5 11	1 39	22 45	0 39	6 53	0 48	22 40	0 55	1 50	13 54	10 3	10 41	5 7	14 40	0 49
S 10	8 33	17 30	4 29	0s 9	2 6	6 12	1 9	21 32	0 56	5 13	1 39	22 45	0 39	6 53	0 48	22 40	0 55	1 51	13 54	10 5	10 43	5 11	14 39	0 49
S 11	8 56	22 38	4 58	0 46	2 4	6 42	1 8	21 41	0 57	5 15	1 39	22 45	0 39	6 54	0 48	22 40	0 54	1 52	13 54	10 8	10 44	5 14	14 38	0 49
M12	9 18	26 13	5 7	1 24	2 2	7 12	1 6	21 51	0 57	5 17	1 38	22 45	0 39	6 54	0 48	22 40	0 54	1 53	13 54	10 11	10 45	5 17	14 37	0 49
T 13	9 40	28 1	4 57	2 3	2 0	7 42	1 5	22 0	0 58	5 19	1 38	22 45	0 39	6 55	0 48	22 40	0 54	1 54	13 53	10 13	10 46	5 21	14 36	0 49
W14	10 3	28 2	4 29	2 42	1 56	8 11	1 3	22 8	0 58	5 21	1 38	22 45	0 38	6 56	0 48	22 40	0 54	1 55	13 53	10 15	10 47	5 24	14 35	0 49
T 15	10 24	26 26	3 48	3 23	1 53	8 40	1 2	22 17	0 58	5 23	1 38	22 45	0 38	6 56	0 48	22 40	0 54	1 56	13 53	10 16	10 48	5 27	14 34	0 50
F 16	10 46	23 29	2 57	4 4	1 48	9 10	1 0	22 25	0 59	5 24	1 38	22 45	0 38	6 57	0 48	22 40	0 54	1 57	13 53	10 16	10 49	5 31	14 33	0 50
S 17	11 8	19 31	1 59	4 45	1 44	9 38	0 58	22 33	0 59	5 26	1 37	22 45	0 38	6 57	0 48	22 40	0 54	1 57	13 53	10 16	10 51	5 34	14 32	0 50
S 18	11 29	14 50	0 57	5 27	1 39	10 7	0 56	22 41	1 0	5 28	1 37	22 45	0 38	6 58	0 47	22 40	0 54	1 58	13 53	10 16	10 52	5 37	14 31	0 50
M19	11 50	9 40	0n 7	6 9	1 33	10 36	0 55	22 49	1 0	5 29	1 37	22 45	0 38	6 58	0 47	22 40	0 54	1 59	13 52	10 15	10 53	5 41	14 30	0 50
T 20	12 12	4 12	1 10	6 51	1 28	11 4	0 53	22 56	1 0	5 31	1 37	22 45	0 38	6 59	0 47	22 40	0 54	2 0	13 52	10 16	10 54	5 44	14 29	0 50
W21	12 32	1n23	2 9	7 32	1 22	11 32	0 51	23 3	1 1	5 32	1 36	22 46	0 38	7 0	0 47	22 40	0 54	2 1	13 52	10 17	10 55	5 47	14 28	0 50
T 22	12 53	6 55	3 3	8 14	1 16	11 59	0 49	23 10	1 1	5 33	1 36	22 46	0 38	7 0	0 47	22 40	0 54	2 2	13 52	10 19	10 56	5 51	14 27	0 50
F 23	13 14	12 14	3 49	8 55	1 10	12 27	0 47	23 17	1 1	5 34	1 36	22 46	0 38	7 0	0 47	22 40	0 54	2 2	13 52	10 22	10 57	5 54	14 26	0 50
S 24	13 34	17 8	4 25	9 36	1 4	12 54	0 45	23 24	1 2	5 35	1 36	22 46	0 38	7 1	0 47	22 40	0 54	2 3	13 52	10 26	10 59	5 57	14 25	0 50
S 25	13 54	21 25	4 50	10 17	0 57	13 21	0 43	23 30	1 2	5 36	1 35	22 46	0 38	7 1	0 47	22 40	0 54	2 4	13 52	10 31	11 0	6 1	14 24	0 51
M26	14 14	24 50	5 1	10 57	0 51	13 47	0 41	23 36	1 2	5 37	1 35	22 46	0 38	7 2	0 47	22 40	0 54	2 5	13 52	10 35	11 1	6 4	14 23	0 51
T 27	14 33	27 8	4 59	11 37	0 44	14 13	0 39	23 42	1 3	5 38	1 35	22 46	0 38	7 2	0 47	22 40	0 54	2 6	13 51	10 39	11 2	6 7	14 22	0 51
W28	14 52	28 6	4 42	12 16	0 37	14 39	0 37	23 47	1 3	5 39	1 35	22 46	0 38	7 2	0 47	22 40	0 54	2 6	13 51	10 43	11 3	6 10	14 21	0 51
T 29	15 12	27 36	4 11	12 55	0 31	15 4	0 34	23 52	1 3	5 40	1 34	22 46	0 38	7 3	0 47	22 40	0 54	2 7	13 51	10 46	11 4	6 14	14 20	0 51
F 30	15 30	25 36	3 27	13 33	0 24	15 29	0 32	23 57	1 4	5 40	1 34	22 46	0 38	7 3	0 47	22 40	0 54	2 8	13 51	10 47	11 5	6 17	14 19	0 51
S 31	15s49	22n11	2n31	14s11	0n17	15s54	0n30	24s 2	1s 4	5s41	1s34	22n47	0s38	7s 4	0s47	22s40	0n54	2s 9	13n51	10s48	11s 7	6n20	14n18	0s51

Julian Day Number = 2087311.5, Delta T = 24m10s
Ecliptic obliquity = 23°34'15, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'27, Lahiri = 9°57'27 Julian Calendar 1 Oct. 1002 == Greg. Calendar 7 Oct. 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

NOVEMBER 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 1 6	13♏58'50	15♌53	10♏13	16♏ 5	18♐14	19°R18	6°R32	13°R58	0♑ 1	11♏28	2°D 2	1♓ 9	8♈47	10°R36	S 1
M 2	3 5 3	14°59'31	29°42	11°48	17°21	19° 0	19♓17	6♋30	13♓57	0° 3	11°30	2°R 2	1° 5	8°54	10♉33	M 2
T 3	3 8 59	16° 0'15	13♍53	13°23	18°36	19°45	19°15	6°28	13°56	0° 5	11°33	2♓ 2	1° 2	9° 1	10°30	T 3
W 4	3 12 56	17° 1'00	28°23	14°59	19°52	20°31	19°14	6°25	13°56	0° 7	11°35	2° 0	0°59	9° 7	10°27	W 4
T 5	3 16 53	18° 1'46	13♎10	16°33	21° 7	21°17	19°13	6°23	13°55	0° 8	11°37	1°55	0°56	9°14	10°24	T 5
F 6	3 20 49	19° 2'34	28° 8	18° 8	22°23	22° 3	19°12	6°21	13°54	0°10	11°40	1°47	0°53	9°21	10°21	F 6
S 7	3 24 46	20° 3'24	13♏ 8	19°43	23°38	22°49	19°12	6°18	13°54	0°12	11°42	1°36	0°50	9°28	10°18	S 7
S 8	3 28 42	21° 4'15	28° 1	21°17	24°54	23°35	19°11	6°15	13°53	0°14	11°44	1°25	0°46	9°34	10°15	S 8
M 9	3 32 39	22° 5'07	12♐38	22°52	26° 9	24°21	19°D11	6°13	13°53	0°16	11°47	1°13	0°43	9°41	10°12	M 9
T 10	3 36 35	23° 6'01	26°51	24°26	27°25	25° 7	19°11	6°10	13°52	0°18	11°49	1° 2	0°40	9°48	10° 9	T 10
W11	3 40 32	24° 6'55	10♑37	26° 0	28°40	25°54	19°12	6° 7	13°52	0°20	11°52	0°54	0°37	9°54	10° 6	W11
T 12	3 44 29	25° 7'51	23°54	27°34	29°56	26°40	19°12	6° 4	13°52	0°21	11°54	0°48	0°34	10° 1	10° 3	T 12
F 13	3 48 25	26° 8'47	6♒44	29° 8	1♐11	27°26	19°13	6° 1	13°51	0°23	11°56	0°45	0°30	10° 8	10° 0	F 13
S 14	3 52 22	27° 9'44	19°11	0♐43	2°26	28°13	19°14	5°57	13°51	0°25	11°59	0°44	0°27	10°14	9°57	S 14
S 15	3 56 18	28°10'41	1♓20	2°17	3°42	28°59	19°15	5°54	13°51	0°27	12° 1	0°44	0°24	10°21	9°54	S 15
M16	4 0 15	29°11'40	13°17	3°51	4°57	29°45	19°16	5°51	13°51	0°29	12° 3	0°43	0°21	10°28	9°51	M16
T 17	4 4 11	0♐12'39	25° 6	5°25	6°13	0♑32	19°18	5°47	13°51	0°31	12° 6	0°42	0°18	10°34	9°48	T 17
W18	4 8 8	1°13'38	6♈54	6°59	7°28	1°18	19°20	5°44	13°D51	0°33	12° 8	0°38	0°15	10°41	9°45	W18
T 19	4 12 4	2°14'39	18°45	8°33	8°44	2° 5	19°22	5°40	13°51	0°35	12°10	0°31	0°11	10°48	9°42	T 19
F 20	4 16 1	3°15'40	0♉42	10° 7	9°59	2°51	19°24	5°36	13°51	0°38	12°13	0°21	0° 8	10°54	9°39	F 20
S 21	4 19 58	4°16'42	12°48	11°41	11°14	3°38	19°26	5°32	13°51	0°40	12°15	0° 9	0° 5	11° 1	9°37	S 21
S 22	4 23 54	5°17'44	25° 5	13°15	12°30	4°25	19°29	5°29	13°51	0°42	12°17	29♒55	0° 2	11° 8	9°34	S 22
M23	4 27 51	6°18'48	7♊34	14°50	13°45	5°11	19°31	5°25	13°51	0°44	12°19	29°40	29♒59	11°14	9°31	M23
T 24	4 31 47	7°19'52	20°15	16°24	15° 1	5°58	19°34	5°21	13°52	0°46	12°22	29°27	29°56	11°21	9°28	T 24
W25	4 35 44	8°20'57	3♋ 7	17°58	16°16	6°45	19°38	5°17	13°52	0°48	12°24	29°15	29°52	11°28	9°26	W25
T 26	4 39 40	9°22'03	16° 9	19°33	17°32	7°31	19°41	5°12	13°52	0°50	12°26	29° 6	29°49	11°34	9°23	T 26
F 27	4 43 37	10°23'09	29°23	21° 7	18°47	8°18	19°44	5° 8	13°53	0°52	12°28	29° 0	29°46	11°41	9°21	F 27
S 28	4 47 33	11°24'17	12♌47	22°41	20° 2	9° 5	19°48	5° 4	13°53	0°54	12°30	28°57	29°43	11°48	9°18	S 28
S 29	4 51 30	12°25'25	26°22	24°15	21°18	9°52	19°52	5° 0	13°54	0°57	12°33	28°D56	29°40	11°54	9°16	S 29
M30	4 55 27	13♐26'33	10♍ 9	25♐50	22♐33	10♑39	19♓56	4♋55	13♓55	0♑59	12♏35	28°R56	29♒36	12♈ 1	9♉13	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s 7	17n31	1n25	14s48	0n11	16s18	0n28	24s 7	1s 4	5s41	1s34	22n47	0s38	7s 4	0s47	22s40	0n54	2s 9	13n51	10s48	11s 8	6n24	14n17	0s51
M 2	16 25	11 50	0 12	15 24	0 4	16 42	0 25	24 11	1 4	5 42	1 33	22 47	0 38	7 4	0 47	22 41	0 54	2 10	13 51	10 48	11 9	6 27	14 15	0 51
T 3	16 43	5 25	1s 2	15 59	0s 3	17 5	0 23	24 15	1 5	5 42	1 33	22 47	0 38	7 4	0 47	22 41	0 54	2 11	13 51	10 49	11 10	6 30	14 14	0 51
W 4	17 1	1s25	2 15	16 34	0 9	17 28	0 21	24 19	1 5	5 42	1 33	22 47	0 38	7 5	0 47	22 41	0 54	2 12	13 51	10 49	11 11	6 33	14 13	0 51
T 5	17 18	8 17	3 19	17 8	0 16	17 50	0 19	24 22	1 5	5 42	1 32	22 47	0 38	7 5	0 47	22 41	0 54	2 12	13 51	10 51	11 12	6 37	14 12	0 52
F 6	17 35	14 46	4 11	17 41	0 23	18 12	0 16	24 25	1 5	5 42	1 32	22 48	0 38	7 5	0 47	22 41	0 54	2 13	13 51	10 54	11 13	6 40	14 11	0 52
S 7	17 51	20 24	4 45	18 14	0 29	18 34	0 14	24 28	1 6	5 42	1 32	22 48	0 38	7 5	0 47	22 41	0 54	2 14	13 51	10 58	11 14	6 43	14 10	0 52
S 8	18 7	24 42	5 0	18 45	0 35	18 55	0 11	24 31	1 6	5 42	1 32	22 48	0 37	7 5	0 47	22 41	0 54	2 14	13 51	11 2	11 16	6 47	14 9	0 52
M 9	18 23	27 18	4 55	19 16	0 42	19 15	0 9	24 33	1 6	5 42	1 31	22 48	0 37	7 6	0 47	22 41	0 54	2 15	13 51	11 6	11 17	6 50	14 8	0 52
T 10	18 39	28 3	4 31	19 45	0 48	19 35	0 7	24 35	1 6	5 42	1 31	22 48	0 37	7 6	0 47	22 41	0 53	2 16	13 51	11 10	11 18	6 53	14 7	0 52
W11	18 54	27 0	3 52	20 14	0 54	19 54	0 4	24 37	1 7	5 41	1 31	22 48	0 37	7 6	0 47	22 41	0 53	2 16	13 51	11 13	11 19	6 56	14 6	0 52
T 12	19 9	24 25	3 2	20 42	1 0	20 13	0 2	24 38	1 7	5 41	1 30	22 49	0 37	7 6	0 47	22 41	0 53	2 17	13 51	11 15	11 20	7 0	14 5	0 52
F 13	19 24	20 41	2 3	21 9	1 6	20 31	0s 0	24 40	1 7	5 40	1 30	22 49	0 37	7 6	0 47	22 41	0 53	2 18	13 51	11 16	11 21	7 3	14 4	0 52
S 14	19 38	16 7	1 1	21 34	1 11	20 49	0 3	24 41	1 7	5 40	1 30	22 49	0 37	7 6	0 46	22 41	0 53	2 18	13 51	11 17	11 22	7 6	14 3	0 52
S 15	19 52	11 1	0n 3	21 59	1 17	21 6	0 5	24 41	1 7	5 39	1 29	22 49	0 37	7 6	0 46	22 41	0 53	2 19	13 51	11 17	11 23	7 10	14 2	0 52
M16	20 5	5 36	1 6	22 23	1 22	21 22	0 8	24 42	1 7	5 38	1 29	22 49	0 37	7 6	0 46	22 41	0 53	2 19	13 51	11 17	11 25	7 13	14 1	0 52
T 17	20 18	0 3	2 5	22 45	1 27	21 38	0 10	24 42	1 8	5 37	1 29	22 50	0 37	7 6	0 46	22 41	0 53	2 20	13 51	11 17	11 26	7 16	14 0	0 52
W18	20 31	5n29	2 59	23 6	1 32	21 53	0 12	24 42	1 8	5 36	1 29	22 50	0 37	7 6	0 46	22 41	0 53	2 21	13 52	11 19	11 27	7 19	13 59	0 53
T 19	20 43	10 50	3 45	23 27	1 37	22 7	0 15	24 41	1 8	5 35	1 28	22 50	0 37	7 6	0 46	22 41	0 53	2 21	13 52	11 21	11 28	7 23	13 58	0 53
F 20	20 55	15 51	4 21	23 46	1 41	22 21	0 17	24 40	1 8	5 34	1 28	22 50	0 37	7 6	0 46	22 41	0 53	2 22	13 52	11 25	11 29	7 26	13 57	0 53
S 21	21 7	20 18	4 46	24 3	1 46	22 34	0 20	24 39	1 8	5 33	1 28	22 51	0 37	7 6	0 46	22 41	0 53	2 22	13 52	11 29	11 30	7 29	13 56	0 53
S 22	21 18	23 58	4 59	24 20	1 50	22 47	0 22	24 38	1 8	5 32	1 27	22 51	0 37	7 6	0 46	22 41	0 53	2 23	13 52	11 34	11 31	7 32	13 55	0 53
M23	21 29	26 34	4 57	24 35	1 53	22 59	0 24	24 37	1 8	5 30	1 27	22 51	0 37	7 6	0 46	22 41	0 53	2 23	13 52	11 39	11 32	7 36	13 54	0 53
T 24	21 39	27 52	4 40	24 49	1 57	23 10	0 27	24 35	1 9	5 29	1 27	22 51	0 37	7 5	0 46	22 41	0 53	2 24	13 52	11 44	11 34	7 39	13 53	0 53
W25	21 49	27 42	4 10	25 1	2 0	23 20	0 29	24 32	1 9	5 27	1 27	22 51	0 36	7 5	0 46	22 41	0 53	2 24	13 52	11 48	11 35	7 42	13 53	0 53
T 26	21 59	25 59	3 25	25 12	2 3	23 30	0 31	24 30	1 9	5 26	1 26	22 52	0 36	7 5	0 46	22 41	0 53	2 25	13 53	11 51	11 36	7 45	13 52	0 53
F 27	22 8	22 50	2 29	25 22	2 6	23 39	0 33	24 27	1 9	5 24	1 26	22 52	0 36	7 5	0 46	22 41	0 53	2 25	13 53	11 53	11 37	7 49	13 51	0 53
S 28	22 16	18 25	1 24	25 30	2 8	23 47	0 36	24 24	1 9	5 22	1 26	22 52	0 36	7 5	0 46	22 41	0 53	2 26	13 53	11 54	11 38	7 52	13 50	0 53
S 29	22 25	13 1	0 14	25 36	2 10	23 55	0 38	24 21	1 9	5 20	1 25	22 52	0 36	7 4	0 46	22 41	0 53	2 26	13 53	11 54	11 39	7 55	13 49	0 53
M30	22s32	6n53	0s59	25s41	2s11	24s 2	0s40	24s17	1s 9	5s19	1s25	22n53	0s36	7s 4	0s46	22s41	0n53	2s27	13n53	11s54	11s40	7n58	13n48	0s53

Julian Day Number = 2087342.5, Delta T = 24m09s
Ecliptic obliquity = 23°34'14, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'31, Lahiri = 9°57'31 Julian Calendar 1 Nov. 1002 == Greg. Calendar 7 Nov. 1002

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ASTRODIENST EPHEMERIS for the year 1002
geocentric

DECEMBER 1002 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 59 23	14♐27'43	24♍10	27♐24	23♐48	11♑26	20♓ 1	4°R51	13♓55	1♑ 1	12♏37	28°R56	29♒33	12♈ 8	9°R11	T 1
W 2	5 3 20	15°28'53	8♎23	28°57	25° 4	12°13	20° 5	4♋46	13°56	1° 3	12°39	28♒54	29°30	12°15	9♉ 8	W 2
T 3	5 7 16	16°30'04	22°47	0♑31	26°19	13° 0	20°10	4°42	13°57	1° 5	12°41	28°50	29°27	12°21	9° 6	T 3
F 4	5 11 13	17°31'16	7♏19	2° 4	27°35	13°47	20°15	4°37	13°57	1° 8	12°43	28°42	29°24	12°28	9° 4	F 4
S 5	5 15 9	18°32'28	21°53	3°36	28°50	14°34	20°20	4°32	13°58	1°10	12°45	28°33	29°21	12°35	9° 1	S 5
S 6	5 19 6	19°33'41	6♐24	5° 8	0♑ 5	15°21	20°25	4°28	13°59	1°12	12°47	28°22	29°17	12°41	8°59	S 6
M 7	5 23 2	20°34'54	20°43	6°39	1°21	16° 8	20°30	4°23	14° 0	1°14	12°49	28°10	29°14	12°48	8°57	M 7
T 8	5 26 59	21°36'08	4♑45	8°10	2°36	16°55	20°36	4°18	14° 1	1°17	12°51	28° 0	29°11	12°55	8°55	T 8
W 9	5 30 56	22°37'21	18°24	9°38	3°51	17°42	20°42	4°13	14° 2	1°19	12°53	27°51	29° 8	13° 1	8°53	W 9
T 10	5 34 52	23°38'34	1♒40	11° 6	5° 7	18°29	20°48	4° 9	14° 3	1°21	12°55	27°46	29° 5	13° 8	8°51	T 10
F 11	5 38 49	24°39'48	14°31	12°31	6°22	19°17	20°54	4° 4	14° 5	1°23	12°57	27°43	29° 2	13°15	8°49	F 11
S 12	5 42 45	25°41'01	27° 1	13°54	7°37	20° 4	21° 0	3°59	14° 6	1°26	12°59	27°D42	28°58	13°21	8°47	S 12
S 13	5 46 42	26°42'13	9♓13	15°15	8°53	20°51	21° 7	3°54	14° 7	1°28	13° 1	27°42	28°55	13°28	8°45	S 13
M14	5 50 38	27°43'26	21°12	16°33	10° 8	21°38	21°13	3°49	14° 8	1°30	13° 3	27°43	28°52	13°35	8°44	M14
T 15	5 54 35	28°44'38	3♈ 3	17°46	11°23	22°25	21°20	3°44	14°10	1°32	13° 5	27°R43	28°49	13°41	8°42	T 15
W16	5 58 32	29°45'50	14°53	18°56	12°39	23°13	21°27	3°39	14°11	1°35	13° 7	27°41	28°46	13°48	8°40	W16
T 17	6 2 28	0♑47'01	26°45	20° 1	13°54	24° 0	21°34	3°34	14°13	1°37	13° 8	27°38	28°42	13°55	8°38	T 17
F 18	6 6 25	1°48'12	8♉45	21° 0	15° 9	24°47	21°41	3°29	14°14	1°39	13°10	27°32	28°39	14° 1	8°37	F 18
S 19	6 10 21	2°49'22	20°56	21°52	16°24	25°35	21°49	3°24	14°16	1°42	13°12	27°24	28°36	14° 8	8°35	S 19
S 20	6 14 18	3°50'33	3♊22	22°37	17°40	26°22	21°56	3°19	14°17	1°44	13°14	27°14	28°33	14°15	8°34	S 20
M21	6 18 14	4°51'42	16° 4	23°14	18°55	27° 9	22° 4	3°14	14°19	1°46	13°15	27° 4	28°30	14°22	8°33	M21
T 22	6 22 11	5°52'52	29° 1	23°41	20°10	27°57	22°12	3° 9	14°21	1°48	13°17	26°54	28°27	14°28	8°31	T 22
W23	6 26 7	6°54'00	12♋15	23°58	21°25	28°44	22°20	3° 5	14°22	1°51	13°19	26°46	28°23	14°35	8°30	W23
T 24	6 30 4	7°55'09	25°41	24°R 5	22°40	29°31	22°28	3° 0	14°24	1°53	13°20	26°40	28°20	14°42	8°29	T 24
F 25	6 34 1	8°56'17	9♌20	24° 0	23°56	0♒19	22°37	2°55	14°26	1°55	13°22	26°36	28°17	14°48	8°28	F 25
S 26	6 37 57	9°57'25	23° 7	23°43	25°11	1° 6	22°45	2°50	14°28	1°57	13°23	26°D35	28°14	14°55	8°27	S 26
S 27	6 41 54	10°58'32	7♍ 2	23°15	26°26	1°53	22°54	2°45	14°30	2° 0	13°25	26°35	28°11	15° 2	8°25	S 27
M28	6 45 50	11°59'39	21° 2	22°35	27°41	2°41	23° 3	2°40	14°32	2° 2	13°26	26°36	28° 8	15° 8	8°24	M28
T 29	6 49 47	13° 0'46	5♎ 6	21°45	28°56	3°28	23°12	2°35	14°34	2° 4	13°28	26°37	28° 4	15°15	8°24	T 29
W30	6 53 43	14° 1'52	19°14	20°46	0♒11	4°16	23°21	2°30	14°36	2° 6	13°29	26°R37	28° 1	15°22	8°23	W30
T 31	6 57 40	15♑ 2'58	3♏24	19♑38	1♒26	5♒ 3	23♓30	2♋26	14♓38	2♑ 9	13♏31	26♒36	27♒58	15♈28	8♉22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s40	0n21	2s 9	25s45	2s12	24s 8	0s42	24s13	1s 9	5s17	1s25	22n53	0s36	7s 4	0s46	22s41	0n53	2s27	13n53	11s55	11s41	8n 2	13n47	0s53
W 2	22 46	6s17	3 13	25 47	2 13	24 13	0 45	24 9	1 9	5 15	1 25	22 53	0 36	7 3	0 46	22 41	0 53	2 28	13 54	11 55	11 43	8 5	13 47	0 53
T 3	22 53	12 41	4 5	25 47	2 13	24 18	0 47	24 5	1 9	5 12	1 24	22 53	0 36	7 3	0 46	22 41	0 53	2 28	13 54	11 57	11 44	8 8	13 46	0 53
F 4	22 59	18 27	4 41	25 46	2 12	24 22	0 49	24 0	1 9	5 10	1 24	22 54	0 36	7 3	0 46	22 41	0 53	2 28	13 54	11 59	11 45	8 11	13 45	0 53
S 5	23 4	23 9	5 0	25 43	2 11	24 25	0 51	23 55	1 9	5 8	1 24	22 54	0 36	7 2	0 46	22 41	0 53	2 29	13 54	12 3	11 46	8 14	13 44	0 54
S 6	23 9	26 24	4 59	25 38	2 10	24 27	0 53	23 50	1 9	5 6	1 23	22 54	0 36	7 2	0 46	22 41	0 53	2 29	13 54	12 6	11 47	8 18	13 44	0 54
M 7	23 14	27 53	4 39	25 32	2 8	24 29	0 55	23 44	1 9	5 3	1 23	22 54	0 35	7 2	0 46	22 41	0 53	2 30	13 55	12 10	11 48	8 21	13 43	0 54
T 8	23 18	27 32	4 3	25 24	2 5	24 29	0 57	23 38	1 9	5 1	1 23	22 55	0 35	7 1	0 46	22 41	0 53	2 30	13 55	12 14	11 49	8 24	13 42	0 54
W 9	23 22	25 29	3 13	25 14	2 1	24 30	0 59	23 32	1 9	4 58	1 23	22 55	0 35	7 1	0 45	22 41	0 53	2 30	13 55	12 17	11 50	8 27	13 41	0 54
T 10	23 25	22 5	2 14	25 3	1 57	24 29	1 1	23 26	1 9	4 56	1 22	22 55	0 35	7 0	0 45	22 41	0 53	2 31	13 55	12 19	11 51	8 31	13 41	0 54
F 11	23 28	17 41	1 10	24 50	1 52	24 27	1 2	23 19	1 9	4 53	1 22	22 55	0 35	7 0	0 45	22 41	0 53	2 31	13 55	12 20	11 53	8 34	13 40	0 54
S 12	23 30	12 38	0 4	24 36	1 46	24 25	1 4	23 12	1 9	4 50	1 22	22 56	0 35	6 59	0 45	22 41	0 53	2 31	13 56	12 20	11 54	8 37	13 39	0 54
S 13	23 32	7 13	1n 1	24 21	1 40	24 22	1 6	23 5	1 9	4 47	1 22	22 56	0 35	6 59	0 45	22 41	0 53	2 32	13 56	12 20	11 55	8 40	13 39	0 54
M14	23 33	1 38	2 2	24 4	1 32	24 18	1 8	22 58	1 9	4 45	1 21	22 56	0 35	6 58	0 45	22 41	0 53	2 32	13 56	12 20	11 56	8 43	13 38	0 54
T 15	23 34	3n56	2 57	23 46	1 23	24 14	1 9	22 50	1 9	4 42	1 21	22 56	0 35	6 58	0 45	22 41	0 53	2 32	13 57	12 20	11 57	8 47	13 38	0 54
W16	23 34	9 21	3 45	23 26	1 14	24 9	1 11	22 42	1 9	4 39	1 21	22 57	0 35	6 57	0 45	22 41	0 53	2 32	13 57	12 20	11 58	8 50	13 37	0 54
T 17	23 34	14 27	4 23	23 6	1 3	24 3	1 13	22 34	1 9	4 36	1 20	22 57	0 34	6 56	0 45	22 41	0 53	2 33	13 57	12 22	11 59	8 53	13 36	0 54
F 18	23 33	19 3	4 49	22 46	0 51	23 56	1 14	22 25	1 9	4 32	1 20	22 57	0 34	6 56	0 45	22 41	0 53	2 33	13 57	12 24	12 0	8 56	13 36	0 54
S 19	23 32	22 58	5 4	22 25	0 38	23 48	1 16	22 16	1 9	4 29	1 20	22 57	0 34	6 55	0 45	22 41	0 53	2 33	13 58	12 27	12 1	8 59	13 35	0 54
S 20	23 31	25 54	5 4	22 4	0 24	23 40	1 17	22 7	1 9	4 26	1 20	22 58	0 34	6 55	0 45	22 41	0 53	2 33	13 58	12 30	12 3	9 2	13 35	0 54
M21	23 29	27 38	4 49	21 43	0 9	23 31	1 18	21 58	1 9	4 23	1 19	22 58	0 34	6 54	0 45	22 41	0 53	2 33	13 58	12 33	12 4	9 6	13 34	0 54
T 22	23 26	27 53	4 19	21 22	0n 7	23 22	1 20	21 48	1 9	4 19	1 19	22 58	0 34	6 53	0 45	22 41	0 53	2 34	13 59	12 37	12 5	9 9	13 34	0 54
W23	23 23	26 35	3 35	21 2	0 24	23 11	1 21	21 39	1 9	4 16	1 19	22 58	0 34	6 52	0 45	22 41	0 53	2 34	13 59	12 40	12 6	9 12	13 33	0 54
T 24	23 20	23 43	2 38	20 44	0 42	23 0	1 22	21 29	1 8	4 12	1 19	22 58	0 34	6 52	0 45	22 41	0 53	2 34	13 59	12 42	12 7	9 15	13 33	0 54
F 25	23 16	19 29	1 32	20 26	1 0	22 48	1 23	21 18	1 8	4 9	1 18	22 59	0 34	6 51	0 45	22 41	0 53	2 34	14 0	12 43	12 8	9 18	13 33	0 54
S 26	23 12	14 11	0 19	20 10	1 19	22 36	1 24	21 8	1 8	4 5	1 18	22 59	0 33	6 50	0 45	22 41	0 53	2 34	14 0	12 43	12 9	9 22	13 32	0 54
S 27	23 7	8 7	0s56	19 57	1 38	22 23	1 25	20 57	1 8	4 2	1 18	22 59	0 33	6 49	0 45	22 41	0 53	2 34	14 0	12 43	12 10	9 25	13 32	0 54
M28	23 2	1 37	2 8	19 45	1 57	22 9	1 26	20 46	1 8	3 58	1 18	22 59	0 33	6 49	0 45	22 41	0 53	2 34	14 0	12 43	12 11	9 28	13 31	0 54
T 29	22 56	4s59	3 13	19 35	2 15	21 54	1 27	20 35	1 8	3 54	1 18	23 0	0 33	6 48	0 45	22 41	0 53	2 35	14 1	12 43	12 13	9 31	13 31	0 55
W30	22 50	11 22	4 6	19 27	2 32	21 39	1 28	20 24	1 8	3 50	1 17	23 0	0 33	6 47	0 45	22 41	0 53	2 35	14 1	12 42	12 14	9 34	13 31	0 55
T 31	22s43	17s10	4s45	19s22	2n47	21s23	1s29	20s12	1s 7	3s46	1s17	23n 0	0s33	6s46	0s45	22s41	0n53	2s35	14n 2	12s43	12s15	9n37	13n31	0s55

Julian Day Number = 2087372.5, Delta T = 24m09s
Ecliptic obliquity = 23°34'14, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'35, Lahiri = 9°57'36 Julian Calendar 1 Dec. 1002 == Greg. Calendar 7 Dec. 1002

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

JANUARY 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 1 36	16♑ 4'04	17♏33	18°R26	2♒41	5♒50	23♓39	2°R21	14♓40	2♑11	13♏32	26°R32	27♒55	15♈35	8°R21	F 1
S 2	7 5 33	17° 5'09	1♐40	17♑10	3°56	6°38	23°49	2♋16	14°42	2°13	13°34	26♒27	27°52	15°42	8♉21	S 2
S 3	7 9 30	18° 6'14	15°41	15°53	5°12	7°25	23°58	2°11	14°44	2°15	13°35	26°21	27°48	15°48	8°20	S 3
M 4	7 13 26	19° 7'18	29°32	14°37	6°27	8°13	24° 8	2° 7	14°46	2°18	13°36	26°15	27°45	15°55	8°19	M 4
T 5	7 17 23	20° 8'21	13♑ 9	13°25	7°42	9° 0	24°18	2° 2	14°49	2°20	13°37	26° 9	27°42	16° 2	8°19	T 5
W 6	7 21 19	21° 9'24	26°30	12°18	8°57	9°47	24°28	1°58	14°51	2°22	13°39	26° 4	27°39	16° 9	8°19	W 6
T 7	7 25 16	22°10'25	9♒33	11°17	10°12	10°35	24°38	1°53	14°53	2°24	13°40	26° 1	27°36	16°15	8°18	T 7
F 8	7 29 12	23°11'25	22°17	10°25	11°27	11°22	24°48	1°49	14°56	2°26	13°41	26°D 0	27°33	16°22	8°18	F 8
S 9	7 33 9	24°12'24	4♓44	9°40	12°41	12°10	24°58	1°44	14°58	2°28	13°42	26° 0	27°29	16°29	8°18	S 9
S 10	7 37 6	25°13'22	16°56	9° 5	13°56	12°57	25° 9	1°40	15° 1	2°31	13°43	26° 1	27°26	16°35	8°18	S 10
M11	7 41 2	26°14'19	28°56	8°38	15°11	13°44	25°19	1°36	15° 3	2°33	13°44	26° 3	27°23	16°42	8°18	M11
T 12	7 44 59	27°15'14	10♈49	8°20	16°26	14°32	25°30	1°31	15° 6	2°35	13°45	26° 5	27°20	16°49	8°D17	T 12
W13	7 48 55	28°16'08	22°39	8°10	17°41	15°19	25°41	1°27	15° 8	2°37	13°46	26° 6	27°17	16°55	8°18	W13
T 14	7 52 52	29°17'00	4♉32	8°D 8	18°56	16° 7	25°52	1°23	15°11	2°39	13°47	26°R 6	27°14	17° 2	8°18	T 14
F 15	7 56 48	0♒17'52	16°32	8°13	20°11	16°54	26° 3	1°19	15°13	2°41	13°48	26° 5	27°10	17° 9	8°18	F 15
S 16	8 0 45	1°18'41	28°44	8°26	21°25	17°41	26°14	1°15	15°16	2°43	13°49	26° 2	27° 7	17°15	8°18	S 16
S 17	8 4 41	2°19'29	11♊12	8°45	22°40	18°29	26°25	1°11	15°19	2°45	13°50	25°59	27° 4	17°22	8°18	S 17
M18	8 8 38	3°20'16	23°59	9°10	23°55	19°16	26°36	1° 7	15°22	2°47	13°51	25°56	27° 1	17°29	8°19	M18
T 19	8 12 35	4°21'01	7♋ 7	9°40	25° 9	20° 3	26°47	1° 4	15°24	2°49	13°52	25°52	26°58	17°36	8°19	T 19
W20	8 16 31	5°21'45	20°36	10°15	26°24	20°50	26°59	1° 0	15°27	2°51	13°52	25°49	26°54	17°42	8°20	W20
T 21	8 20 28	6°22'27	4♌23	10°55	27°39	21°38	27°11	0°56	15°30	2°53	13°53	25°47	26°51	17°49	8°20	T 21
F 22	8 24 24	7°23'08	18°27	11°40	28°53	22°25	27°22	0°53	15°33	2°55	13°54	25°46	26°48	17°56	8°21	F 22
S 23	8 28 21	8°23'47	2♍43	12°28	0♓ 8	23°12	27°34	0°49	15°36	2°57	13°55	25°D46	26°45	18° 2	8°22	S 23
S 24	8 32 17	9°24'25	17° 7	13°19	1°22	23°59	27°46	0°46	15°39	2°59	13°55	25°47	26°42	18° 9	8°22	S 24
M25	8 36 14	10°25'02	1♎32	14°14	2°37	24°47	27°58	0°43	15°42	3° 1	13°56	25°48	26°39	18°16	8°23	M25
T 26	8 40 10	11°25'37	15°56	15°12	3°51	25°34	28°10	0°40	15°44	3° 3	13°56	25°49	26°35	18°22	8°24	T 26
W27	8 44 7	12°26'11	0♏14	16°13	5° 6	26°21	28°22	0°37	15°47	3° 5	13°57	25°50	26°32	18°29	8°25	W27
T 28	8 48 4	13°26'44	14°23	17°16	6°20	27° 8	28°34	0°34	15°50	3° 7	13°57	25°R50	26°29	18°36	8°26	T 28
F 29	8 52 0	14°27'16	28°23	18°21	7°35	27°55	28°46	0°31	15°54	3° 8	13°58	25°50	26°26	18°42	8°27	F 29
S 30	8 55 57	15°27'46	12♐11	19°29	8°49	28°42	28°59	0°28	15°57	3°10	13°58	25°49	26°23	18°49	8°28	S 30
S 31	8 59 53	16♒28'15	25♐48	20♑39	10♓ 3	29♒29	29♓11	0♋25	16♓ 0	3♑12	13♏59	25♒48	26♒20	18♈56	8♉29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s36	22s 3	5s 6	19s18	3n 1	21s 7	1s30	20s 0	1s 7	3s43	1s17	23n 0	0s33	6s45	0s45	22s40	0n53	2s35	14n 2	12s44	12s16	9n41	13n30	0s55
S 2	22 28	25 38	5 8	19 17	3 12	20 50	1 30	19 48	1 7	3 39	1 17	23 0	0 33	6 45	0 45	22 40	0 53	2 35	14 2	12 46	12 17	9 44	13 30	0 55
S 3	22 20	27 38	4 52	19 17	3 22	20 32	1 31	19 36	1 7	3 35	1 16	23 1	0 33	6 44	0 45	22 40	0 53	2 35	14 3	12 48	12 18	9 47	13 30	0 55
M 4	22 12	27 54	4 19	19 19	3 28	20 14	1 31	19 23	1 7	3 30	1 16	23 1	0 32	6 43	0 45	22 40	0 53	2 35	14 3	12 50	12 19	9 50	13 30	0 55
T 5	22 3	26 26	3 32	19 22	3 32	19 55	1 32	19 10	1 7	3 26	1 16	23 1	0 32	6 42	0 44	22 40	0 53	2 35	14 3	12 52	12 20	9 53	13 29	0 55
W 6	21 54	23 29	2 34	19 27	3 34	19 36	1 32	18 58	1 6	3 22	1 16	23 1	0 32	6 41	0 44	22 40	0 53	2 35	14 4	12 54	12 21	9 56	13 29	0 55
T 7	21 44	19 23	1 29	19 32	3 34	19 16	1 32	18 44	1 6	3 18	1 16	23 1	0 32	6 40	0 44	22 40	0 53	2 35	14 4	12 55	12 22	9 59	13 29	0 55
F 8	21 34	14 29	0 20	19 39	3 31	18 56	1 33	18 31	1 6	3 14	1 15	23 2	0 32	6 39	0 44	22 40	0 53	2 35	14 4	12 55	12 24	10 3	13 29	0 55
S 9	21 23	9 5	0n48	19 47	3 27	18 35	1 33	18 18	1 6	3 9	1 15	23 2	0 32	6 38	0 44	22 40	0 53	2 35	14 5	12 55	12 25	10 6	13 29	0 55
S 10	21 12	3 28	1 52	19 55	3 21	18 13	1 33	18 4	1 5	3 5	1 15	23 2	0 32	6 37	0 44	22 40	0 53	2 35	14 5	12 55	12 26	10 9	13 29	0 55
M11	21 1	2n11	2 51	20 4	3 13	17 51	1 33	17 50	1 5	3 1	1 15	23 2	0 31	6 36	0 44	22 40	0 53	2 35	14 6	12 54	12 27	10 12	13 29	0 55
T 12	20 49	7 42	3 41	20 14	3 5	17 28	1 33	17 36	1 5	2 56	1 15	23 2	0 31	6 35	0 44	22 40	0 53	2 34	14 6	12 54	12 28	10 15	13 29	0 55
W13	20 37	12 55	4 22	20 23	2 56	17 5	1 33	17 22	1 5	2 52	1 14	23 3	0 31	6 34	0 44	22 40	0 53	2 34	14 6	12 53	12 29	10 18	13 29	0 55
T 14	20 25	17 41	4 52	20 33	2 46	16 42	1 33	17 7	1 4	2 47	1 14	23 3	0 31	6 33	0 44	22 40	0 53	2 34	14 7	12 53	12 30	10 21	13 29	0 55
F 15	20 12	21 49	5 10	20 44	2 36	16 18	1 32	16 53	1 4	2 43	1 14	23 3	0 31	6 32	0 44	22 40	0 53	2 34	14 7	12 54	12 31	10 24	13 29	0 55
S 16	19 59	25 5	5 14	20 54	2 25	15 54	1 32	16 38	1 4	2 38	1 14	23 3	0 31	6 31	0 44	22 40	0 53	2 34	14 8	12 54	12 32	10 28	13 29	0 55
S 17	19 45	27 15	5 3	21 3	2 14	15 29	1 32	16 23	1 4	2 33	1 14	23 3	0 31	6 30	0 44	22 40	0 53	2 34	14 8	12 56	12 33	10 31	13 29	0 55
M18	19 31	28 3	4 37	21 13	2 3	15 3	1 31	16 8	1 3	2 29	1 13	23 3	0 30	6 29	0 44	22 40	0 53	2 34	14 8	12 57	12 34	10 34	13 29	0 55
T 19	19 17	27 19	3 57	21 22	1 51	14 38	1 31	15 52	1 3	2 24	1 13	23 4	0 30	6 28	0 44	22 40	0 53	2 34	14 9	12 58	12 36	10 37	13 29	0 55
W20	19 2	24 59	3 2	21 31	1 40	14 12	1 30	15 37	1 3	2 19	1 13	23 4	0 30	6 26	0 44	22 40	0 53	2 33	14 9	12 59	12 37	10 40	13 29	0 55
T 21	18 47	21 8	1 55	21 39	1 29	13 45	1 30	15 22	1 3	2 15	1 13	23 4	0 30	6 25	0 44	22 40	0 53	2 33	14 10	13 0	12 38	10 43	13 29	0 55
F 22	18 32	16 1	0 40	21 46	1 18	13 19	1 29	15 6	1 2	2 10	1 13	23 4	0 30	6 24	0 44	22 40	0 53	2 33	14 10	13 0	12 39	10 46	13 30	0 55
S 23	18 16	9 58	0s38	21 53	1 7	12 52	1 28	14 50	1 2	2 5	1 13	23 4	0 30	6 23	0 44	22 40	0 53	2 33	14 11	13 0	12 40	10 49	13 30	0 55
S 24	18 0	3 21	1 55	21 58	0 56	12 24	1 27	14 34	1 2	2 0	1 12	23 4	0 30	6 22	0 44	22 39	0 53	2 33	14 11	13 0	12 41	10 52	13 30	0 55
M25	17 43	3s26	3 5	22 3	0 45	11 56	1 26	14 18	1 1	1 55	1 12	23 5	0 30	6 21	0 44	22 39	0 53	2 32	14 11	12 59	12 42	10 56	13 30	0 55
T 26	17 27	10 2	4 3	22 7	0 35	11 28	1 25	14 2	1 1	1 50	1 12	23 5	0 29	6 20	0 44	22 39	0 53	2 32	14 12	12 59	12 43	10 59	13 31	0 55
W27	17 10	16 4	4 46	22 10	0 25	11 0	1 24	13 45	1 1	1 45	1 12	23 5	0 29	6 18	0 44	22 39	0 53	2 32	14 12	12 59	12 44	11 2	13 31	0 55
T 28	16 53	21 10	5 10	22 12	0 15	10 31	1 23	13 29	1 0	1 40	1 12	23 5	0 29	6 17	0 44	22 39	0 53	2 32	14 13	12 59	12 45	11 5	13 31	0 55
F 29	16 35	25 2	5 16	22 13	0 5	10 2	1 22	13 12	1 0	1 35	1 12	23 5	0 29	6 16	0 44	22 39	0 53	2 31	14 13	12 59	12 46	11 8	13 31	0 55
S 30	16 17	27 24	5 4	22 13	0s 4	9 33	1 21	12 55	1 0	1 30	1 11	23 5	0 29	6 15	0 44	22 39	0 53	2 31	14 13	12 59	12 48	11 11	13 32	0 55
S 31	15s59	28s 4	4s34	22s12	0s13	9s 4	1s19	12s38	0s59	1s25	1s11	23n 6	0s29	6s14	0s44	22s39	0n53	2s31	14n14	12s59	12s49	11n14	13n32	0s55

Julian Day Number = 2087403.5, Delta T = 24m08s
Ecliptic obliquity = 23°34'14, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'39, Lahiri = 9°57'40 Julian Calendar 1 Jan. 1003 == Greg. Calendar 7 Jan. 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

FEBRUARY 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 3 50	17♒28'43	9♑11	21♑51	11♓18	0♓16	29♓24	0°R23	16♓ 3	3♑14	13♏59	25°R47	26♒16	19♈ 3	8♉31	M 1
T 2	9 7 46	18°29'09	22°21	23° 4	12°32	1° 3	29°36	0♋20	16° 6	3°16	13°59	25♒46	26°13	19° 9	8°32	T 2
W 3	9 11 43	19°29'33	5♒17	24°20	13°46	1°50	29°49	0°18	16° 9	3°17	13°59	25°45	26°10	19°16	8°33	W 3
T 4	9 15 39	20°29'56	18° 0	25°36	15° 0	2°37	0♈ 2	0°16	16°12	3°19	14° 0	25°44	26° 7	19°23	8°35	T 4
F 5	9 19 36	21°30'17	0♓30	26°55	16°14	3°24	0°14	0°13	16°15	3°21	14° 0	25°D44	26° 4	19°29	8°36	F 5
S 6	9 23 33	22°30'36	12°48	28°15	17°29	4°11	0°27	0°11	16°19	3°22	14° 0	25°45	26° 0	19°36	8°38	S 6
S 7	9 27 29	23°30'54	24°54	29°36	18°43	4°58	0°40	0° 9	16°22	3°24	14° 0	25°45	25°57	19°43	8°40	S 7
M 8	9 31 26	24°31'09	6♈53	0♒59	19°57	5°45	0°53	0° 8	16°25	3°26	14° 0	25°45	25°54	19°49	8°41	M 8
T 9	9 35 22	25°31'22	18°45	2°23	21°11	6°32	1° 6	0° 6	16°28	3°27	14° 0	25°R45	25°51	19°56	8°43	T 9
W10	9 39 19	26°31'33	0♉36	3°48	22°25	7°19	1°19	0° 4	16°32	3°29	14°R 0	25°45	25°48	20° 3	8°45	W10
T 11	9 43 15	27°31'43	12°28	5°15	23°38	8° 6	1°32	0° 3	16°35	3°30	14° 0	25°45	25°45	20°10	8°47	T 11
F 12	9 47 12	28°31'50	24°27	6°43	24°52	8°52	1°46	0° 1	16°38	3°32	14° 0	25°D45	25°41	20°16	8°49	F 12
S 13	9 51 8	29°31'55	6♊36	8°12	26° 6	9°39	1°59	29♊59	16°41	3°33	14° 0	25°45	25°38	20°23	8°51	S 13
S 14	9 55 5	0♓31'58	19° 2	9°42	27°20	10°26	2°12	29°59	16°45	3°35	14° 0	25°45	25°35	20°30	8°53	S 14
M15	9 59 2	1°31'58	1♋46	11°13	28°34	11°12	2°26	29°57	16°48	3°36	14° 0	25°46	25°32	20°36	8°55	M15
T 16	10 2 58	2°31'57	14°54	12°46	29°47	11°59	2°39	29°56	16°51	3°37	14° 0	25°46	25°29	20°43	8°57	T 16
W17	10 6 55	3°31'53	28°27	14°19	1♈ 1	12°46	2°53	29°56	16°55	3°39	13°59	25°47	25°26	20°50	8°59	W17
T 18	10 10 51	4°31'47	12♌24	15°54	2°14	13°32	3° 6	29°55	16°58	3°40	13°59	25°48	25°22	20°56	9° 1	T 18
F 19	10 14 48	5°31'39	26°45	17°30	3°28	14°19	3°20	29°54	17° 2	3°42	13°59	25°R48	25°19	21° 3	9° 3	F 19
S 20	10 18 44	6°31'29	11♍23	19° 7	4°41	15° 5	3°33	29°54	17° 5	3°43	13°59	25°47	25°16	21°10	9° 6	S 20
S 21	10 22 41	7°31'17	26°13	20°46	5°55	15°52	3°47	29°53	17° 8	3°44	13°58	25°47	25°13	21°16	9° 8	S 21
M22	10 26 37	8°31'03	11♎ 7	22°25	7° 8	16°38	4° 1	29°53	17°12	3°45	13°58	25°45	25°10	21°23	9°11	M22
T 23	10 30 34	9°30'47	25°57	24° 6	8°21	17°24	4°15	29°53	17°15	3°46	13°57	25°43	25° 6	21°30	9°13	T 23
W24	10 34 30	10°30'29	10♏36	25°48	9°35	18°11	4°28	29°52	17°19	3°48	13°57	25°42	25° 3	21°37	9°16	W24
T 25	10 38 27	11°30'10	24°59	27°31	10°48	18°57	4°42	29°D52	17°22	3°49	13°56	25°41	25° 0	21°43	9°18	T 25
F 26	10 42 24	12°29'49	9♐ 2	29°15	12° 1	19°43	4°56	29°53	17°25	3°50	13°56	25°D40	24°57	21°50	9°21	F 26
S 27	10 46 20	13°29'26	22°45	1♓ 1	13°14	20°29	5°10	29°53	17°29	3°51	13°55	25°40	24°54	21°57	9°24	S 27
S 28	10 50 17	14♓29'01	6♑ 9	2♓48	14♈27	21♓16	5♈24	29♊53	17♓32	3♑52	13♏55	25♒41	24♒51	22♈ 3	9♉26	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	15s41	27s 5	3s50	22s 9	0s22	8s34	1s18	12s21	0s59	1s20	1s11	23n 6	0s28	6s12	0s44	22s39	0n53	2s30	14n14	13s 0	12s50	11n17	13n33	0s55	M 1
T 2	15 22	24 35	2 55	22 5	0 31	8 4	1 16	12 4	0 58	1 15	1 11	23 6	0 28	6 11	0 44	22 39	0 53	2 30	14 15	13 0	12 51	11 20	13 33	0 56	T 2
W 3	15 3	20 51	1 51	22 0	0 39	7 34	1 15	11 47	0 58	1 9	1 11	23 6	0 28	6 10	0 44	22 39	0 53	2 30	14 15	13 0	12 52	11 23	13 33	0 56	W 3
T 4	14 44	16 12	0 43	21 54	0 47	7 4	1 13	11 30	0 58	1 4	1 11	23 6	0 28	6 9	0 44	22 39	0 53	2 29	14 16	13 1	12 53	11 26	13 34	0 56	T 4
F 5	14 25	10 57	0n26	21 47	0 54	6 33	1 12	11 12	0 57	0 59	1 11	23 6	0 28	6 7	0 44	22 39	0 53	2 29	14 16	13 1	12 54	11 29	13 34	0 56	F 5
S 6	14 5	5 22	1 33	21 38	1 2	6 3	1 10	10 55	0 57	0 54	1 10	23 6	0 28	6 6	0 44	22 39	0 53	2 29	14 16	13 0	12 55	11 32	13 35	0 56	S 6
S 7	13 45	0n20	2 35	21 28	1 9	5 32	1 8	10 37	0 57	0 48	1 10	23 7	0 28	6 5	0 44	22 39	0 53	2 28	14 17	13 0	12 56	11 35	13 35	0 56	S 7
M 8	13 25	5 56	3 29	21 16	1 15	5 1	1 6	10 19	0 56	0 43	1 10	23 7	0 27	6 4	0 44	22 39	0 53	2 28	14 17	13 0	12 57	11 38	13 36	0 56	M 8
T 9	13 5	11 17	4 14	21 4	1 22	4 30	1 4	10 1	0 56	0 38	1 10	23 7	0 27	6 2	0 44	22 39	0 53	2 28	14 18	13 0	12 58	11 42	13 36	0 56	T 9
W10	12 44	16 13	4 47	20 50	1 28	3 59	1 2	9 44	0 55	0 32	1 10	23 7	0 27	6 1	0 44	22 39	0 53	2 27	14 18	13 0	12 59	11 45	13 37	0 56	W10
T 11	12 24	20 33	5 9	20 34	1 33	3 28	1 0	9 26	0 55	0 27	1 10	23 7	0 27	6 0	0 44	22 39	0 53	2 27	14 18	13 0	13 1	11 48	13 37	0 56	T 11
F 12	12 3	24 6	5 17	20 17	1 38	2 56	0 58	9 8	0 54	0 22	1 10	23 7	0 27	5 58	0 44	22 38	0 53	2 26	14 19	13 0	13 2	11 51	13 38	0 56	F 12
S 13	11 42	26 39	5 12	19 59	1 43	2 25	0 56	8 50	0 54	0 16	1 9	23 8	0 27	5 57	0 44	22 38	0 53	2 26	14 19	13 0	13 3	11 54	13 39	0 56	S 13
S 14	11 21	27 57	4 52	19 39	1 48	1 53	0 54	8 31	0 54	0 11	1 9	23 8	0 27	5 56	0 44	22 38	0 53	2 25	14 20	13 0	13 4	11 57	13 39	0 56	S 14
M15	10 59	27 50	4 17	19 18	1 52	1 22	0 51	8 13	0 53	0 5	1 9	23 8	0 26	5 54	0 44	22 38	0 53	2 25	14 20	13 0	13 5	12 0	13 40	0 56	M15
T 16	10 38	26 10	3 28	18 55	1 56	0 50	0 49	7 55	0 53	0n 0	1 9	23 8	0 26	5 53	0 44	22 38	0 53	2 25	14 21	13 0	13 6	12 3	13 41	0 56	T 16
W17	10 16	22 58	2 26	18 31	1 59	0 19	0 47	7 37	0 52	0 6	1 9	23 8	0 26	5 52	0 44	22 38	0 53	2 24	14 21	13 0	13 7	12 6	13 41	0 56	W17
T 18	9 54	18 21	1 14	18 6	2 2	0n13	0 44	7 18	0 52	0 11	1 9	23 8	0 26	5 50	0 44	22 38	0 53	2 24	14 21	13 0	13 8	12 9	13 42	0 56	T 18
F 19	9 32	12 35	0s 5	17 39	2 5	0 45	0 42	7 0	0 51	0 17	1 9	23 8	0 26	5 49	0 44	22 38	0 53	2 23	14 22	12 59	13 9	12 12	13 43	0 56	F 19
S 20	9 10	6 1	1 25	17 11	2 7	1 16	0 39	6 41	0 51	0 22	1 9	23 9	0 26	5 48	0 44	22 38	0 53	2 23	14 22	13 0	13 10	12 15	13 43	0 56	S 20
S 21	8 48	0s57	2 41	16 41	2 9	1 48	0 37	6 23	0 50	0 28	1 9	23 9	0 26	5 46	0 44	22 38	0 53	2 22	14 23	13 0	13 11	12 18	13 44	0 56	S 21
M22	8 25	7 52	3 45	16 10	2 10	2 19	0 34	6 4	0 50	0 33	1 8	23 9	0 25	5 45	0 44	22 38	0 53	2 22	14 23	13 0	13 12	12 21	13 45	0 56	M22
T 23	8 3	14 20	4 35	15 37	2 11	2 51	0 32	5 46	0 49	0 39	1 8	23 9	0 25	5 44	0 44	22 38	0 53	2 21	14 23	13 1	13 13	12 24	13 46	0 56	T 23
W24	7 40	19 54	5 5	15 3	2 12	3 22	0 29	5 27	0 49	0 45	1 8	23 9	0 25	5 42	0 43	22 38	0 53	2 21	14 24	13 1	13 14	12 27	13 46	0 56	W24
T 25	7 17	24 13	5 16	14 28	2 12	3 54	0 26	5 8	0 49	0 50	1 8	23 9	0 25	5 41	0 43	22 38	0 53	2 20	14 24	13 2	13 16	12 30	13 47	0 56	T 25
F 26	6 54	26 59	5 8	13 51	2 11	4 25	0 23	4 50	0 48	0 56	1 8	23 9	0 25	5 40	0 43	22 38	0 53	2 20	14 24	13 2	13 17	12 33	13 48	0 56	F 26
S 27	6 32	28 3	4 42	13 12	2 10	4 56	0 21	4 31	0 48	1 1	1 8	23 10	0 25	5 38	0 43	22 38	0 53	2 19	14 25	13 2	13 18	12 36	13 49	0 56	S 27
S 28	6s 8	27s26	4s 1	12s32	2s 9	5n27	0s18	4s12	0s47	1n 7	1s 8	23n10	0s24	5s37	0s43	22s38	0n53	2s19	14n25	13s 2	13s19	12n39	13n50	0s56	S 28

Julian Day Number = 2087434.5, Delta T = 24m08s
Ecliptic obliquity = 23°34'14, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'44, Lahiri = 9°57'44 Julian Calendar 1 Feb. 1003 == Greg. Calendar 7 Feb. 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

MARCH 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 54 13	15♓28'35	19♉14	4♓36	15♈40	22♓ 2	5♈38	29♊54	17♓36	3♉53	13°R54	25♒42	24♒47	22♈10	9♉29	M 1
T 2	10 58 10	16°28'07	2♒ 3	6°25	16°53	22°48	5°52	29°54	17°39	3°54	13♏54	25°44	24°44	22°17	9°32	T 2
W 3	11 2 6	17°27'37	14°39	8°16	18° 6	23°34	6° 6	29°55	17°43	3°55	13°53	25°45	24°41	22°24	9°35	W 3
T 4	11 6 3	18°27'05	27° 3	10° 8	19°18	24°20	6°20	29°56	17°46	3°56	13°52	25°R46	24°38	22°30	9°38	T 4
F 5	11 9 59	19°26'30	9♓16	12° 1	20°31	25° 6	6°34	29°56	17°49	3°57	13°51	25°45	24°35	22°37	9°41	F 5
S 6	11 13 56	20°25'54	21°22	13°56	21°44	25°52	6°48	29°57	17°53	3°58	13°51	25°43	24°32	22°44	9°44	S 6
S 7	11 17 53	21°25'16	3♈21	15°51	22°56	26°38	7° 3	29°59	17°56	3°59	13°50	25°40	24°28	22°50	9°47	S 7
M 8	11 21 49	22°24'36	15°16	17°48	24° 9	27°24	7°17	29°59	18° 0	3°59	13°49	25°35	24°25	22°57	9°50	M 8
T 9	11 25 46	23°23'53	27° 7	19°47	25°21	28°10	7°31	0♋ 1	18° 3	4° 0	13°48	25°30	24°22	23° 4	9°53	T 9
W10	11 29 42	24°23'08	8♉58	21°46	26°34	28°55	7°45	0° 3	18° 7	4° 1	13°47	25°25	24°19	23°10	9°56	W10
T 11	11 33 39	25°22'21	20°50	23°46	27°46	29°41	7°59	0° 4	18°10	4° 2	13°46	25°21	24°16	23°17	9°59	T 11
F 12	11 37 35	26°21'32	2♊49	25°48	28°58	0♈27	8°14	0° 6	18°13	4° 2	13°45	25°17	24°12	23°24	10° 3	F 12
S 13	11 41 32	27°20'40	14°57	27°50	0♉11	1°12	8°28	0° 7	18°17	4° 3	13°44	25°15	24° 9	23°31	10° 6	S 13
S 14	11 45 28	28°19'46	27°18	29°54	1°23	1°58	8°42	0° 9	18°20	4° 3	13°43	25°D14	24° 6	23°37	10° 9	S 14
M15	11 49 25	29°18'50	9♋57	1♈57	2°35	2°44	8°57	0°11	18°24	4° 4	13°42	25°14	24° 3	23°44	10°13	M15
T 16	11 53 22	0♈17'51	22°59	4° 2	3°47	3°29	9°11	0°13	18°27	4° 5	13°41	25°16	24° 0	23°51	10°16	T 16
W17	11 57 18	1°16'50	6♌26	6° 6	4°59	4°15	9°25	0°16	18°30	4° 5	13°40	25°17	23°57	23°57	10°20	W17
T 18	12 1 15	2°15'47	20°21	8°11	6°11	5° 0	9°40	0°18	18°34	4° 6	13°39	25°R18	23°53	24° 4	10°23	T 18
F 19	12 5 11	3°14'41	4♍43	10°16	7°22	5°45	9°54	0°20	18°37	4° 6	13°38	25°18	23°50	24°11	10°27	F 19
S 20	12 9 8	4°13'33	19°30	12°19	8°34	6°31	10° 8	0°23	18°40	4° 6	13°37	25°16	23°47	24°17	10°30	S 20
S 21	12 13 4	5°12'23	4♎34	14°23	9°46	7°16	10°23	0°25	18°44	4° 7	13°35	25°12	23°44	24°24	10°34	S 21
M22	12 17 1	6°11'11	19°47	16°25	10°57	8° 1	10°37	0°28	18°47	4° 7	13°34	25° 7	23°41	24°31	10°37	M22
T 23	12 20 57	7° 9'57	4♏59	18°25	12° 8	8°46	10°52	0°31	18°50	4° 7	13°33	25° 1	23°37	24°38	10°41	T 23
W24	12 24 54	8° 8'41	20° 0	20°24	13°20	9°31	11° 6	0°34	18°54	4° 8	13°32	24°55	23°34	24°44	10°45	W24
T 25	12 28 51	9° 7'23	4♐41	22°20	14°31	10°16	11°20	0°37	18°57	4° 8	13°31	24°49	23°31	24°51	10°48	T 25
F 26	12 32 47	10° 6'04	18°56	24°14	15°42	11° 1	11°35	0°40	19° 0	4° 8	13°29	24°45	23°28	24°58	10°52	F 26
S 27	12 36 44	11° 4'43	2♑45	26° 5	16°53	11°46	11°49	0°43	19° 4	4° 8	13°28	24°44	23°25	25° 4	10°56	S 27
S 28	12 40 40	12° 3'20	16° 8	27°53	18° 4	12°31	12° 4	0°46	19° 7	4° 8	13°27	24°D43	23°22	25°11	10°59	S 28
M29	12 44 37	13° 1'56	29° 7	29°38	19°15	13°16	12°18	0°50	19°10	4° 9	13°25	24°44	23°18	25°18	11° 3	M29
T 30	12 48 33	14° 0'30	11♒46	1♉18	20°26	14° 1	12°32	0°53	19°13	4° 9	13°24	24°45	23°15	25°25	11° 7	T 30
W31	12 52 30	14♈59'02	24♒ 9	2♉55	21♉37	14♈46	12♈47	0♋57	19♓16	4♑ 9	13♏22	24°R46	23♒12	25♈31	11♉11	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s45	25s17	3s 8	11s51	2s 7	5n58	0s15	3s53	0s47	1n13	1s 8	23n10	0s24	5s36	0s43	22s38	0n53	2s18	14n26	13s 1	13s20	12n42	13n50	0s56
T 2	5 22	21 52	2 7	11 8	2 5	6 29	0 12	3 35	0 46	1 18	1 8	23 10	0 24	5 34	0 43	22 38	0 53	2 18	14 26	13 1	13 21	12 45	13 51	0 56
W 3	4 59	17 30	1 1	10 24	2 2	7 0	0 9	3 16	0 46	1 24	1 8	23 10	0 24	5 33	0 43	22 38	0 53	2 17	14 26	13 0	13 22	12 48	13 52	0 56
T 4	4 36	12 27	0n 7	9 38	1 59	7 30	0 6	2 57	0 45	1 30	1 8	23 10	0 24	5 32	0 43	22 37	0 53	2 17	14 27	13 0	13 23	12 51	13 53	0 56
F 5	4 12	7 0	1 14	8 51	1 55	8 1	0 3	2 38	0 44	1 35	1 8	23 10	0 24	5 30	0 43	22 37	0 53	2 16	14 27	13 0	13 24	12 54	13 54	0 56
S 6	3 49	1 21	2 16	8 3	1 50	8 31	0n 0	2 19	0 44	1 41	1 7	23 11	0 24	5 29	0 43	22 37	0 53	2 16	14 27	13 1	13 25	12 57	13 55	0 57
S 7	3 25	4n16	3 12	7 13	1 45	9 1	0 3	2 1	0 43	1 47	1 7	23 11	0 23	5 28	0 43	22 37	0 53	2 15	14 28	13 2	13 26	13 0	13 56	0 57
M 8	3 2	9 42	3 59	6 22	1 40	9 31	0 6	1 42	0 43	1 52	1 7	23 11	0 23	5 26	0 43	22 37	0 53	2 14	14 28	13 4	13 27	13 2	13 57	0 57
T 9	2 38	14 46	4 35	5 30	1 34	10 0	0 9	1 23	0 42	1 58	1 7	23 11	0 23	5 25	0 43	22 37	0 53	2 14	14 28	13 5	13 28	13 5	13 58	0 57
W10	2 15	19 17	5 0	4 37	1 27	10 30	0 13	1 4	0 42	2 4	1 7	23 11	0 23	5 24	0 43	22 37	0 53	2 13	14 29	13 7	13 29	13 8	13 59	0 57
T 11	1 51	23 4	5 11	3 43	1 20	10 59	0 16	0 45	0 41	2 10	1 7	23 11	0 23	5 22	0 43	22 37	0 53	2 13	14 29	13 9	13 30	13 11	14 0	0 57
F 12	1 27	25 54	5 10	2 47	1 12	11 28	0 19	0 27	0 41	2 15	1 7	23 11	0 23	5 21	0 43	22 37	0 53	2 12	14 29	13 10	13 32	13 14	14 1	0 57
S 13	1 4	27 35	4 54	1 51	1 4	11 56	0 22	0 8	0 40	2 21	1 7	23 12	0 23	5 20	0 43	22 37	0 53	2 12	14 30	13 11	13 33	13 17	14 2	0 57
S 14	0 40	27 57	4 25	0 54	0 56	12 25	0 25	0n11	0 40	2 27	1 7	23 12	0 22	5 18	0 43	22 37	0 53	2 11	14 30	13 11	13 34	13 20	14 3	0 57
M15	0 16	26 53	3 42	0n 4	0 47	12 53	0 28	0 29	0 39	2 32	1 7	23 12	0 22	5 17	0 43	22 37	0 53	2 11	14 30	13 11	13 35	13 23	14 4	0 57
T 16	0n 7	24 21	2 47	1 3	0 37	13 20	0 32	0 48	0 39	2 38	1 7	23 12	0 22	5 16	0 43	22 37	0 53	2 10	14 30	13 10	13 36	13 26	14 5	0 57
W17	0 31	20 24	1 41	2 1	0 27	13 48	0 35	1 7	0 38	2 44	1 7	23 12	0 22	5 14	0 43	22 37	0 54	2 9	14 31	13 10	13 37	13 29	14 6	0 57
T 18	0 54	15 13	0 27	3 0	0 17	14 15	0 38	1 25	0 38	2 50	1 7	23 12	0 22	5 13	0 44	22 37	0 54	2 9	14 31	13 9	13 38	13 32	14 7	0 57
F 19	1 18	9 2	0s51	3 59	0 6	14 42	0 41	1 44	0 37	2 55	1 7	23 12	0 22	5 12	0 44	22 37	0 54	2 8	14 31	13 9	13 39	13 35	14 8	0 57
S 20	1 41	2 14	2 8	4 58	0n 5	15 8	0 44	2 3	0 36	3 1	1 7	23 13	0 22	5 10	0 44	22 37	0 54	2 8	14 32	13 10	13 40	13 38	14 9	0 57
S 21	2 5	4s50	3 17	5 57	0 16	15 34	0 48	2 21	0 36	3 7	1 7	23 13	0 22	5 9	0 44	22 37	0 54	2 7	14 32	13 11	13 41	13 41	14 10	0 57
M22	2 28	11 40	4 13	6 54	0 27	16 0	0 51	2 39	0 35	3 12	1 7	23 13	0 21	5 8	0 44	22 37	0 54	2 7	14 32	13 13	13 42	13 43	14 11	0 57
T 23	2 52	17 49	4 51	7 51	0 39	16 25	0 54	2 58	0 35	3 18	1 7	23 13	0 21	5 6	0 44	22 37	0 54	2 6	14 32	13 15	13 43	13 46	14 12	0 57
W24	3 15	22 46	5 8	8 47	0 50	16 50	0 57	3 16	0 34	3 24	1 7	23 13	0 21	5 5	0 44	22 37	0 54	2 5	14 32	13 17	13 44	13 49	14 13	0 57
T 25	3 38	26 10	5 4	9 41	1 1	17 15	1 0	3 35	0 34	3 29	1 6	23 13	0 21	5 4	0 44	22 37	0 54	2 5	14 33	13 19	13 45	13 52	14 14	0 57
F 26	4 1	27 48	4 42	10 34	1 12	17 39	1 3	3 53	0 33	3 35	1 6	23 13	0 21	5 3	0 44	22 37	0 54	2 4	14 33	13 20	13 46	13 55	14 16	0 57
S 27	4 24	27 36	4 4	11 25	1 23	18 2	1 7	4 11	0 32	3 41	1 6	23 13	0 21	5 1	0 44	22 37	0 54	2 4	14 33	13 21	13 47	13 58	14 17	0 57
S 28	4 47	25 47	3 13	12 14	1 34	18 25	1 10	4 29	0 32	3 46	1 6	23 14	0 21	5 0	0 44	22 37	0 54	2 3	14 33	13 21	13 48	14 1	14 18	0 57
M29	5 10	22 38	2 14	13 1	1 44	18 48	1 13	4 47	0 31	3 52	1 6	23 14	0 20	4 59	0 44	22 37	0 54	2 2	14 34	13 21	13 49	14 4	14 19	0 58
T 30	5 33	18 28	1 10	13 46	1 53	19 10	1 16	5 5	0 31	3 58	1 6	23 14	0 20	4 57	0 44	22 37	0 54	2 2	14 34	13 20	13 50	14 7	14 20	0 58
W31	5n56	13s36	0s 3	14n28	2n 2	19n32	1n19	5n23	0s30	4n 3	1s 6	23n14	0s20	4s56	0s44	22s37	0n54	2s 1	14n34	13s20	13s52	14n 9	14n21	0s58

Julian Day Number = 2087462.5, Delta T = 24m08s
Ecliptic obliquity = 23°34'14, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'47, Lahiri = 9°57'48 Julian Calendar 1 March 1003 == Greg. Calendar 7 March 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

APRIL 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 56 26	15♈57'32	6♓20	4♉28	22♉47	15♈31	13♈ 1	1♋ 1	19♓20	4°R 9	13°R21	24°R45	23♒ 9	25♈38	11♉15	T 1
F 2	13 0 23	16°56'01	18°22	5°56	23°58	16°15	13°16	1° 4	19°23	4♑ 9	13♏20	24♒42	23° 6	25°45	11°19	F 2
S 3	13 4 20	17°54'27	0♈18	7°20	25° 8	17° 0	13°30	1° 8	19°26	4° 9	13°18	24°37	23° 3	25°51	11°23	S 3
S 4	13 8 16	18°52'52	12°11	8°40	26°19	17°45	13°44	1°12	19°29	4° 9	13°17	24°30	22°59	25°58	11°27	S 4
M 5	13 12 13	19°51'15	24° 2	9°54	27°29	18°29	13°59	1°16	19°32	4° 8	13°15	24°20	22°56	26° 5	11°31	M 5
T 6	13 16 9	20°49'36	5♉53	11° 4	28°39	19°14	14°13	1°20	19°35	4° 8	13°14	24° 9	22°53	26°11	11°35	T 6
W 7	13 20 6	21°47'56	17°46	12° 9	29°49	19°58	14°27	1°24	19°38	4° 8	13°12	23°58	22°50	26°18	11°39	W 7
T 8	13 24 2	22°46'13	29°42	13° 9	0♊59	20°42	14°42	1°29	19°41	4° 8	13°11	23°48	22°47	26°25	11°43	T 8
F 9	13 27 59	23°44'29	11♊43	14° 4	2° 9	21°27	14°56	1°33	19°44	4° 8	13° 9	23°39	22°43	26°32	11°47	F 9
S 10	13 31 55	24°42'42	23°53	14°53	3°19	22°11	15°10	1°38	19°47	4° 7	13° 8	23°32	22°40	26°38	11°51	S 10
S 11	13 35 52	25°40'54	6♋15	15°38	4°28	22°55	15°25	1°42	19°50	4° 7	13° 6	23°28	22°37	26°45	11°55	S 11
M12	13 39 48	26°39'03	18°51	16°17	5°38	23°39	15°39	1°47	19°53	4° 7	13° 4	23°26	22°34	26°52	11°59	M12
T 13	13 43 45	27°37'10	1♌47	16°51	6°47	24°23	15°53	1°52	19°56	4° 6	13° 3	23°D26	22°31	26°58	12° 3	T 13
W14	13 47 42	28°35'16	15° 7	17°20	7°57	25° 8	16° 7	1°56	19°59	4° 6	13° 1	23°26	22°28	27° 5	12° 7	W14
T 15	13 51 38	29°33'19	28°53	17°43	9° 6	25°52	16°22	2° 1	20° 2	4° 5	13° 0	23°R27	22°24	27°12	12°11	T 15
F 16	13 55 35	0♉31'20	13♍ 6	18° 1	10°15	26°35	16°36	2° 6	20° 4	4° 5	12°58	23°25	22°21	27°19	12°15	F 16
S 17	13 59 31	1°29'20	27°46	18°13	11°24	27°19	16°50	2°11	20° 7	4° 4	12°56	23°21	22°18	27°25	12°19	S 17
S 18	14 3 28	2°27'17	12♎48	18°20	12°32	28° 3	17° 4	2°16	20°10	4° 4	12°55	23°15	22°15	27°32	12°24	S 18
M19	14 7 24	3°25'13	28° 4	18°R23	13°41	28°47	17°18	2°21	20°13	4° 3	12°53	23° 7	22°12	27°39	12°28	M19
T 20	14 11 21	4°23'07	13♏24	18°20	14°50	29°31	17°32	2°27	20°15	4° 3	12°52	22°57	22° 9	27°45	12°32	T 20
W21	14 15 17	5°21'00	28°36	18°12	15°58	0♉14	17°46	2°32	20°18	4° 2	12°50	22°47	22° 5	27°52	12°36	W21
T 22	14 19 14	6°18'51	13♐29	18° 0	17° 6	0°58	18° 0	2°37	20°21	4° 2	12°48	22°38	22° 2	27°59	12°40	T 22
F 23	14 23 11	7°16'41	27°56	17°43	18°14	1°42	18°14	2°43	20°23	4° 1	12°47	22°31	21°59	28° 6	12°44	F 23
S 24	14 27 7	8°14'30	11♑54	17°23	19°22	2°25	18°28	2°48	20°26	4° 0	12°45	22°26	21°56	28°12	12°49	S 24
S 25	14 31 4	9°12'17	25°23	16°59	20°30	3° 9	18°42	2°54	20°28	3°59	12°43	22°24	21°53	28°19	12°53	S 25
M26	14 35 0	10°10'04	8♒24	16°31	21°38	3°52	18°56	3° 0	20°31	3°59	12°42	22°D23	21°49	28°26	12°57	M26
T 27	14 38 57	11° 7'49	21° 2	16° 2	22°45	4°35	19°10	3° 5	20°33	3°58	12°40	22°R23	21°46	28°32	13° 1	T 27
W28	14 42 53	12° 5'33	3♓21	15°30	23°52	5°19	19°24	3°11	20°36	3°57	12°38	22°23	21°43	28°39	13° 5	W28
T 29	14 46 50	13° 3'15	15°27	14°56	25° 0	6° 2	19°37	3°17	20°38	3°56	12°37	22°21	21°40	28°46	13°10	T 29
F 30	14 50 46	14♉ 0'57	27♓23	14♉22	26♊ 7	6♉45	19♈51	3♋23	20♓41	3♑55	12♏35	22♒17	21♒37	28♈53	13♉14	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n19	8s17	1n 2	15n 8	2n11	19n54	1n22	5n41	0s29	4n 9	1s 6	23n14	0s20	4s55	0s44	22s37	0n54	2s 1	14n34	13s21	13s53	14n12	14n22	0s58
F 2	6 41	2 44	2 3	15 45	2 18	20 14	1 25	5 59	0 29	4 15	1 6	23 14	0 20	4 54	0 44	22 37	0 54	2 0	14 34	13 21	13 54	14 15	14 23	0 58
S 3	7 4	2n51	2 59	16 19	2 25	20 35	1 28	6 17	0 28	4 20	1 6	23 14	0 20	4 53	0 44	22 36	0 54	2 0	14 34	13 23	13 55	14 18	14 25	0 58
S 4	7 26	8 18	3 46	16 51	2 31	20 54	1 31	6 34	0 28	4 26	1 6	23 14	0 20	4 51	0 44	22 36	0 54	1 59	14 35	13 26	13 56	14 21	14 26	0 58
M 5	7 48	13 27	4 23	17 20	2 37	21 14	1 34	6 52	0 27	4 32	1 6	23 14	0 20	4 50	0 44	22 36	0 54	1 59	14 35	13 29	13 57	14 24	14 27	0 58
T 6	8 10	18 5	4 49	17 47	2 41	21 32	1 37	7 10	0 26	4 37	1 6	23 14	0 19	4 49	0 44	22 36	0 54	1 58	14 35	13 33	13 58	14 27	14 28	0 58
W 7	8 32	22 3	5 2	18 11	2 45	21 51	1 40	7 27	0 26	4 43	1 6	23 15	0 19	4 48	0 44	22 36	0 54	1 57	14 35	13 36	13 59	14 29	14 29	0 58
T 8	8 54	25 7	5 2	18 31	2 47	22 8	1 42	7 44	0 25	4 48	1 6	23 15	0 19	4 47	0 44	22 36	0 54	1 57	14 35	13 40	14 0	14 32	14 31	0 58
F 9	9 16	27 5	4 49	18 50	2 49	22 25	1 45	8 2	0 25	4 54	1 6	23 15	0 19	4 45	0 44	22 36	0 54	1 56	14 35	13 43	14 1	14 35	14 32	0 58
S 10	9 37	27 48	4 23	19 5	2 49	22 42	1 48	8 19	0 24	4 59	1 6	23 15	0 19	4 44	0 44	22 36	0 54	1 56	14 35	13 45	14 2	14 38	14 33	0 58
S 11	9 59	27 9	3 44	19 18	2 48	22 58	1 50	8 36	0 23	5 5	1 6	23 15	0 19	4 43	0 44	22 36	0 54	1 55	14 35	13 46	14 3	14 41	14 34	0 58
M12	10 20	25 6	2 53	19 27	2 47	23 13	1 53	8 53	0 23	5 10	1 6	23 15	0 19	4 42	0 44	22 36	0 54	1 55	14 35	13 47	14 4	14 44	14 35	0 58
T 13	10 41	21 42	1 53	19 35	2 44	23 28	1 55	9 10	0 22	5 16	1 6	23 15	0 19	4 41	0 44	22 36	0 54	1 54	14 36	13 47	14 5	14 46	14 36	0 58
W14	11 2	17 6	0 44	19 39	2 40	23 42	1 58	9 26	0 22	5 21	1 6	23 15	0 18	4 40	0 44	22 36	0 54	1 54	14 36	13 47	14 6	14 49	14 38	0 59
T 15	11 23	11 29	0s29	19 41	2 35	23 55	2 0	9 43	0 21	5 27	1 6	23 15	0 18	4 39	0 44	22 36	0 54	1 53	14 36	13 47	14 7	14 52	14 39	0 59
F 16	11 43	5 6	1 43	19 40	2 28	24 8	2 3	10 0	0 20	5 32	1 6	23 15	0 18	4 38	0 44	22 36	0 54	1 53	14 36	13 47	14 8	14 55	14 40	0 59
S 17	12 3	1s44	2 52	19 36	2 21	24 20	2 5	10 16	0 20	5 38	1 6	23 15	0 18	4 36	0 44	22 36	0 54	1 52	14 36	13 48	14 9	14 58	14 41	0 59
S 18	12 23	8 37	3 50	19 30	2 12	24 32	2 7	10 33	0 19	5 43	1 6	23 15	0 18	4 35	0 44	22 36	0 54	1 52	14 36	13 51	14 10	15 0	14 42	0 59
M19	12 43	15 6	4 34	19 21	2 2	24 42	2 9	10 49	0 19	5 49	1 6	23 15	0 18	4 34	0 44	22 36	0 54	1 51	14 36	13 53	14 11	15 3	14 44	0 59
T 20	13 3	20 40	4 58	19 10	1 51	24 53	2 12	11 5	0 18	5 54	1 6	23 15	0 18	4 33	0 44	22 36	0 54	1 51	14 36	13 57	14 12	15 6	14 45	0 59
W21	13 23	24 50	5 0	18 56	1 39	25 2	2 14	11 21	0 17	5 59	1 6	23 15	0 18	4 32	0 44	22 36	0 54	1 50	14 36	14 0	14 13	15 9	14 46	0 59
T 22	13 42	27 13	4 42	18 40	1 26	25 11	2 15	11 37	0 17	6 5	1 6	23 15	0 17	4 31	0 44	22 36	0 54	1 50	14 36	14 3	14 14	15 12	14 47	0 59
F 23	14 1	27 40	4 7	18 22	1 12	25 20	2 17	11 53	0 16	6 10	1 6	23 15	0 17	4 30	0 44	22 36	0 54	1 49	14 36	14 5	14 15	15 14	14 48	0 59
S 24	14 20	26 18	3 17	18 2	0 57	25 27	2 19	12 8	0 15	6 15	1 6	23 15	0 17	4 29	0 44	22 36	0 54	1 49	14 36	14 7	14 16	15 17	14 50	0 59
S 25	14 38	23 26	2 18	17 40	0 42	25 34	2 21	12 24	0 15	6 20	1 7	23 15	0 17	4 28	0 44	22 36	0 54	1 48	14 36	14 7	14 18	15 20	14 51	0 59
M26	14 57	19 27	1 13	17 17	0 26	25 40	2 22	12 39	0 14	6 26	1 7	23 15	0 17	4 27	0 44	22 36	0 54	1 48	14 36	14 8	14 19	15 23	14 52	0 59
T 27	15 15	14 41	0 7	16 52	0 9	25 46	2 24	12 55	0 14	6 31	1 7	23 15	0 17	4 26	0 44	22 36	0 54	1 48	14 36	14 8	14 20	15 26	14 53	0 59
W28	15 33	9 26	0n58	16 26	0s 8	25 51	2 25	13 10	0 13	6 36	1 7	23 15	0 17	4 25	0 44	22 36	0 54	1 47	14 36	14 8	14 21	15 28	14 54	1 0
T 29	15 51	3 57	1 59	16 0	0 26	25 55	2 27	13 25	0 12	6 41	1 7	23 15	0 17	4 24	0 44	22 36	0 54	1 47	14 36	14 8	14 22	15 31	14 56	1 0
F 30	16n 8	1n37	2n54	15n33	0s43	25n59	2n28	13n40	0s12	6n47	1s 7	23n15	0s17	4s24	0s44	22s36	0n54	1s46	14n36	14s10	14s23	15n34	14n57	1s 0

Julian Day Number = 2087493.5, Delta T = 24m07s
Ecliptic obliquity = 23°34'14, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'52, Lahiri = 9°57'52 Julian Calendar 1 Apr. 1003 == Greg. Calendar 7 Apr. 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

MAY 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 54 43	14♉58'37	9♈15	13°R47	27♊14	7♉28	20♈ 5	3♋29	20♓43	3°R54	12°R33	22°R10	21♒34	28♈59	13♉18	S 1
S 2	14 58 40	15°56'16	21° 5	13♉13	28°20	8°12	20°18	3°35	20°45	3♑54	12♏32	22♒ 0	21°30	29° 6	13°22	S 2
M 3	15 2 36	16°53'55	2♉56	12°39	29°27	8°55	20°32	3°41	20°47	3°53	12°30	21°48	21°27	29°13	13°26	M 3
T 4	15 6 33	17°51'31	14°49	12° 7	0♋33	9°38	20°46	3°47	20°50	3°52	12°28	21°34	21°24	29°19	13°31	T 4
W 5	15 10 29	18°49'07	26°47	11°37	1°39	10°21	20°59	3°54	20°52	3°51	12°27	21°20	21°21	29°26	13°35	W 5
T 6	15 14 26	19°46'42	8♊50	11° 9	2°45	11° 4	21°13	4° 0	20°54	3°50	12°25	21° 7	21°18	29°33	13°39	T 6
F 7	15 18 22	20°44'15	21° 0	10°45	3°51	11°46	21°26	4° 6	20°56	3°49	12°23	20°55	21°14	29°39	13°43	F 7
S 8	15 22 19	21°41'47	3♋18	10°23	4°57	12°29	21°39	4°13	20°58	3°47	12°22	20°46	21°11	29°46	13°48	S 8
S 9	15 26 16	22°39'18	15°46	10° 5	6° 2	13°12	21°53	4°19	21° 0	3°46	12°20	20°40	21° 8	29°53	13°52	S 9
M10	15 30 12	23°36'47	28°27	9°51	7° 7	13°55	22° 6	4°26	21° 2	3°45	12°18	20°37	21° 5	29°59	13°56	M10
T 11	15 34 9	24°34'15	11♌24	9°41	8°12	14°37	22°19	4°32	21° 4	3°44	12°17	20°36	21° 2	0♉ 6	14° 0	T 11
W12	15 38 5	25°31'42	24°41	9°36	9°17	15°20	22°32	4°39	21° 6	3°43	12°15	20°36	20°59	0°13	14° 4	W12
T 13	15 42 2	26°29'07	8♍19	9°D34	10°22	16° 2	22°46	4°46	21° 8	3°42	12°14	20°35	20°55	0°20	14° 8	T 13
F 14	15 45 58	27°26'31	22°22	9°37	11°26	16°45	22°59	4°52	21°10	3°41	12°12	20°34	20°52	0°27	14°13	F 14
S 15	15 49 55	28°23'53	6♎48	9°45	12°30	17°27	23°12	4°59	21°12	3°39	12°10	20°30	20°49	0°33	14°17	S 15
S 16	15 53 51	29°21'15	21°36	9°57	13°34	18°10	23°25	5° 6	21°13	3°38	12° 9	20°24	20°46	0°40	14°21	S 16
M17	15 57 48	0♏18'35	6♏40	10°14	14°37	18°52	23°37	5°13	21°15	3°37	12° 7	20°15	20°43	0°47	14°25	M17
T 18	16 1 44	1°15'55	21°49	10°35	15°41	19°34	23°50	5°20	21°17	3°35	12° 6	20° 5	20°40	0°53	14°29	T 18
W19	16 5 41	2°13'14	6♐56	11° 0	16°44	20°16	24° 3	5°27	21°18	3°34	12° 4	19°54	20°36	1° 0	14°33	W19
T 20	16 9 38	3°10'32	21°48	11°30	17°47	20°59	24°16	5°34	21°20	3°33	12° 3	19°45	20°33	1° 7	14°37	T 20
F 21	16 13 34	4° 7'49	6♑17	12° 4	18°49	21°41	24°28	5°41	21°21	3°32	12° 1	19°37	20°30	1°14	14°41	F 21
S 22	16 17 31	5° 5'06	20°20	12°42	19°51	22°23	24°41	5°48	21°23	3°30	12° 0	19°32	20°27	1°20	14°45	S 22
S 23	16 21 27	6° 2'22	3♒54	13°24	20°53	23° 5	24°53	5°55	21°24	3°29	11°58	19°29	20°24	1°27	14°49	S 23
M24	16 25 24	6°59'38	16°59	14°11	21°55	23°47	25° 6	6° 2	21°26	3°27	11°57	19°D28	20°20	1°34	14°53	M24
T 25	16 29 20	7°56'53	29°41	15° 1	22°56	24°29	25°18	6° 9	21°27	3°26	11°55	19°28	20°17	1°40	14°57	T 25
W26	16 33 17	8°54'08	12♓ 2	15°55	23°57	25°10	25°30	6°16	21°28	3°25	11°54	19°R28	20°14	1°47	15° 1	W26
T 27	16 37 14	9°51'22	24° 8	16°53	24°58	25°52	25°43	6°23	21°30	3°23	11°52	19°27	20°11	1°54	15° 5	T 27
F 28	16 41 10	10°48'37	6♈ 5	17°54	25°58	26°34	25°55	6°31	21°31	3°22	11°51	19°24	20° 8	2° 1	15° 9	F 28
S 29	16 45 7	11°45'51	17°56	18°59	26°58	27°16	26° 7	6°38	21°32	3°20	11°49	19°19	20° 5	2° 7	15°13	S 29
S 30	16 49 3	12°43'04	29°46	20° 8	27°58	27°57	26°19	6°45	21°33	3°19	11°48	19°11	20° 1	2°14	15°17	S 30
M31	16 53 0	13♊40'18	11♉39	21♉20	28♋57	28♉39	26♈31	6♋53	21♓34	3♑17	11♏47	19♒ 1	19♒58	2♉21	15♉21	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n25	7n 4	3n41	15n 6	1s 1	26n 2	2n29	13n54	0s11	6n52	1s 7	23n15	0s16	4s23	0s44	22s36	0n54	1s46	14n35	14s12	14s24	15n37	14n58	1s 0
S 2	16 42	12 15	4 18	14 39	1 18	26 4	2 30	14 9	0 10	6 57	1 7	23 15	0 16	4 22	0 44	22 36	0 54	1 46	14 35	14 15	14 25	15 39	14 59	1 0
M 3	16 59	16 59	4 44	14 14	1 34	26 5	2 31	14 24	0 10	7 2	1 7	23 15	0 16	4 21	0 44	22 36	0 54	1 45	14 35	14 19	14 26	15 42	15 0	1 0
T 4	17 15	21 6	4 57	13 48	1 50	26 6	2 32	14 38	0 9	7 7	1 7	23 15	0 16	4 20	0 44	22 36	0 54	1 45	14 35	14 24	14 27	15 45	15 2	1 0
W 5	17 31	24 22	4 58	13 25	2 6	26 6	2 33	14 52	0 8	7 12	1 7	23 15	0 16	4 19	0 44	22 36	0 54	1 44	14 35	14 28	14 28	15 47	15 3	1 0
T 6	17 47	26 36	4 45	13 2	2 20	26 6	2 34	15 6	0 8	7 17	1 7	23 15	0 16	4 18	0 44	22 37	0 54	1 44	14 35	14 32	14 29	15 50	15 4	1 0
F 7	18 2	27 35	4 20	12 42	2 34	26 5	2 34	15 20	0 7	7 22	1 7	23 15	0 16	4 18	0 44	22 37	0 54	1 44	14 35	14 36	14 30	15 53	15 5	1 0
S 8	18 17	27 14	3 42	12 23	2 46	26 3	2 35	15 34	0 7	7 27	1 7	23 15	0 16	4 17	0 44	22 37	0 54	1 43	14 35	14 39	14 31	15 56	15 6	1 0
S 9	18 32	25 29	2 53	12 6	2 58	26 1	2 35	15 48	0 6	7 32	1 7	23 14	0 16	4 16	0 45	22 37	0 54	1 43	14 34	14 41	14 32	15 58	15 7	1 0
M10	18 47	22 27	1 54	11 52	3 8	25 58	2 35	16 1	0 5	7 37	1 7	23 14	0 15	4 15	0 45	22 37	0 54	1 43	14 34	14 42	14 33	16 1	15 9	1 1
T 11	19 1	18 14	0 48	11 40	3 18	25 54	2 35	16 14	0 5	7 42	1 7	23 14	0 15	4 14	0 45	22 37	0 54	1 43	14 34	14 42	14 34	16 4	15 10	1 1
W12	19 15	13 2	0s22	11 30	3 26	25 49	2 35	16 27	0 4	7 47	1 7	23 14	0 15	4 14	0 45	22 37	0 54	1 42	14 34	14 42	14 35	16 6	15 11	1 1
T 13	19 28	7 4	1 32	11 23	3 33	25 44	2 35	16 40	0 3	7 51	1 7	23 14	0 15	4 13	0 45	22 37	0 54	1 42	14 34	14 42	14 36	16 9	15 12	1 1
F 14	19 42	0 37	2 39	11 19	3 39	25 39	2 35	16 53	0 3	7 56	1 7	23 14	0 15	4 12	0 45	22 37	0 54	1 42	14 34	14 43	14 37	16 12	15 13	1 1
S 15	19 55	6s 3	3 38	11 17	3 44	25 32	2 34	17 6	0 2	8 1	1 8	23 14	0 15	4 12	0 45	22 37	0 54	1 41	14 33	14 44	14 38	16 15	15 14	1 1
S 16	20 7	12 32	4 24	11 17	3 47	25 26	2 34	17 18	0 2	8 6	1 8	23 14	0 15	4 11	0 45	22 37	0 54	1 41	14 33	14 46	14 39	16 17	15 15	1 1
M17	20 20	18 24	4 52	11 20	3 50	25 18	2 33	17 31	0 1	8 10	1 8	23 13	0 15	4 10	0 45	22 37	0 54	1 41	14 33	14 49	14 40	16 20	15 17	1 1
T 18	20 32	23 9	5 1	11 25	3 51	25 10	2 32	17 43	0 0	8 15	1 8	23 13	0 15	4 10	0 45	22 37	0 55	1 41	14 33	14 52	14 41	16 23	15 18	1 1
W19	20 43	26 19	4 48	11 32	3 52	25 1	2 32	17 55	0n 0	8 20	1 8	23 13	0 14	4 9	0 45	22 37	0 55	1 40	14 32	14 55	14 42	16 25	15 19	1 1
T 20	20 54	27 34	4 15	11 42	3 51	24 52	2 31	18 7	0 1	8 24	1 8	23 13	0 14	4 9	0 45	22 37	0 55	1 40	14 32	14 59	14 43	16 28	15 20	1 2
F 21	21 5	26 52	3 27	11 53	3 50	24 42	2 29	18 19	0 2	8 29	1 8	23 13	0 14	4 8	0 45	22 37	0 55	1 40	14 32	15 1	14 44	16 31	15 21	1 2
S 22	21 16	24 27	2 28	12 7	3 48	24 32	2 28	18 30	0 2	8 33	1 8	23 12	0 14	4 7	0 45	22 37	0 55	1 40	14 32	15 3	14 45	16 33	15 22	1 2
S 23	21 26	20 42	1 22	12 23	3 45	24 21	2 27	18 41	0 3	8 38	1 8	23 12	0 14	4 7	0 45	22 37	0 55	1 40	14 31	15 4	14 46	16 36	15 23	1 2
M24	21 36	16 2	0 13	12 40	3 41	24 10	2 25	18 53	0 4	8 42	1 8	23 12	0 14	4 6	0 45	22 37	0 55	1 40	14 31	15 4	14 47	16 39	15 24	1 2
T 25	21 45	10 48	0n54	12 59	3 36	23 58	2 23	19 4	0 4	8 47	1 8	23 12	0 14	4 6	0 45	22 37	0 55	1 39	14 31	15 4	14 48	16 41	15 25	1 2
W26	21 54	5 17	1 57	13 20	3 30	23 45	2 21	19 14	0 5	8 51	1 8	23 11	0 14	4 5	0 45	22 37	0 55	1 39	14 31	15 4	14 49	16 44	15 26	1 2
T 27	22 3	0n18	2 53	13 42	3 24	23 32	2 19	19 25	0 5	8 56	1 9	23 11	0 14	4 5	0 45	22 37	0 55	1 39	14 30	15 4	14 50	16 46	15 27	1 2
F 28	22 11	5 48	3 41	14 6	3 17	23 19	2 17	19 36	0 6	9 0	1 9	23 11	0 14	4 4	0 45	22 37	0 55	1 39	14 30	15 5	14 51	16 49	15 29	1 2
S 29	22 19	11 3	4 19	14 31	3 10	23 5	2 15	19 46	0 7	9 4	1 9	23 11	0 13	4 4	0 45	22 37	0 55	1 39	14 30	15 7	14 52	16 52	15 30	1 2
S 30	22 27	15 54	4 46	14 57	3 2	22 50	2 12	19 56	0 7	9 8	1 9	23 10	0 13	4 4	0 45	22 37	0 55	1 39	14 29	15 9	14 53	16 54	15 31	1 3
M31	22n34	20n10	5n 0	15n24	2s53	22n36	2n 9	20n 6	0n 8	9n13	1s 9	23n10	0s13	4s 3	0s45	22s37	0n55	1s39	14n29	15s12	14s54	16n57	15n32	1s 3

Julian Day Number = 2087523.5, Delta T = 24m07s
Ecliptic obliquity = 23°34'13, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°50'56, Lahiri = 9°57'56 Julian Calendar 1 May 1003 == Greg. Calendar 7 May 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

JUNE 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 56 56	14♊37'31	23♉37	22♉36	29♋56	29♉21	26♈43	7♋ 0	21♓35	3°R16	11°R45	18°R50	19♒55	2♉27	15♉25	T 1
W 2	17 0 53	15°34'44	5♊42	23°55	0♌54	0♊ 2	26°54	7° 8	21°36	3♏14	11♏44	18♒38	19°52	2°34	15°28	W 2
T 3	17 4 49	16°31'57	17°55	25°17	1°52	0°43	27° 6	7°15	21°37	3°13	11°43	18°27	19°49	2°41	15°32	T 3
F 4	17 8 46	17°29'09	0♋17	26°43	2°50	1°25	27°17	7°22	21°38	3°11	11°42	18°18	19°46	2°48	15°36	F 4
S 5	17 12 43	18°26'21	12°49	28°12	3°47	2° 6	27°29	7°30	21°39	3°10	11°40	18°11	19°42	2°54	15°40	S 5
S 6	17 16 39	19°23'33	25°32	29°45	4°44	2°48	27°40	7°38	21°40	3° 8	11°39	18° 6	19°39	3° 1	15°43	S 6
M 7	17 20 36	20°20'44	8♌27	1♊21	5°40	3°29	27°52	7°45	21°41	3° 6	11°38	18° 4	19°36	3° 8	15°47	M 7
T 8	17 24 32	21°17'55	21°34	3° 0	6°36	4°10	28° 3	7°53	21°41	3° 5	11°37	18°D 3	19°33	3°14	15°51	T 8
W 9	17 28 29	22°15'05	4♍57	4°42	7°31	4°51	28°14	8° 0	21°42	3° 3	11°36	18° 4	19°30	3°21	15°54	W 9
T 10	17 32 25	23°12'15	18°36	6°27	8°26	5°32	28°25	8° 8	21°42	3° 2	11°34	18°R 5	19°26	3°28	15°58	T 10
F 11	17 36 22	24° 9'24	2♎33	8°15	9°21	6°13	28°36	8°15	21°43	3° 0	11°33	18° 4	19°23	3°35	16° 1	F 11
S 12	17 40 18	25° 6'33	16°48	10° 6	10°14	6°54	28°47	8°23	21°44	2°58	11°32	18° 2	19°20	3°41	16° 5	S 12
S 13	17 44 15	26° 3'42	1♏19	12° 0	11° 8	7°35	28°57	8°31	21°44	2°57	11°31	17°59	19°17	3°48	16° 8	S 13
M14	17 48 12	27° 0'51	16° 1	13°56	12° 0	8°16	29° 8	8°38	21°44	2°55	11°30	17°53	19°14	3°55	16°12	M14
T 15	17 52 8	27°57'59	0♐49	15°55	12°52	8°57	29°19	8°46	21°45	2°54	11°29	17°46	19°11	4° 1	16°15	T 15
W16	17 56 5	28°55'08	15°35	17°56	13°43	9°38	29°29	8°54	21°45	2°52	11°28	17°38	19° 7	4° 8	16°19	W16
T 17	18 0 1	29°52'16	0♑11	19°59	14°34	10°18	29°39	9° 2	21°45	2°50	11°27	17°31	19° 4	4°15	16°22	T 17
F 18	18 3 58	0♋49'25	14°30	22° 3	15°24	10°59	29°50	9° 9	21°46	2°49	11°26	17°26	19° 1	4°22	16°25	F 18
S 19	18 7 54	1°46'33	28°26	24°10	16°13	11°40	29°59	9°17	21°46	2°47	11°25	17°23	18°58	4°28	16°29	S 19
S 20	18 11 51	2°43'43	11♒58	26°17	17° 2	12°20	0♉10	9°25	21°46	2°46	11°24	17°D21	18°55	4°35	16°32	S 20
M21	18 15 48	3°40'52	25° 5	28°25	17°49	13° 1	0°20	9°33	21°46	2°44	11°24	17°21	18°52	4°42	16°35	M21
T 22	18 19 44	4°38'02	7♓48	0♋34	18°36	13°41	0°29	9°40	21°R46	2°42	11°23	17°22	18°48	4°49	16°38	T 22
W23	18 23 41	5°35'12	20°12	2°43	19°23	14°22	0°39	9°48	21°46	2°41	11°22	17°24	18°45	4°55	16°41	W23
T 24	18 27 37	6°32'23	2♈21	4°53	20° 8	15° 2	0°48	9°56	21°46	2°39	11°21	17°R25	18°42	5° 2	16°45	T 24
F 25	18 31 34	7°29'35	14°20	7° 1	20°52	15°42	0°58	10° 4	21°46	2°37	11°20	17°24	18°39	5° 9	16°48	F 25
S 26	18 35 30	8°26'47	26°13	9°10	21°36	16°23	1° 7	10°11	21°46	2°36	11°20	17°23	18°36	5°15	16°51	S 26
S 27	18 39 27	9°24'00	8♉ 5	11°17	22°18	17° 3	1°16	10°19	21°45	2°34	11°19	17°20	18°32	5°22	16°54	S 27
M28	18 43 23	10°21'14	20° 1	13°24	23° 0	17°43	1°25	10°27	21°45	2°33	11°18	17°15	18°29	5°29	16°57	M28
T 29	18 47 20	11°18'28	2♊ 3	15°30	23°41	18°23	1°34	10°35	21°45	2°31	11°18	17° 9	18°26	5°36	16°59	T 29
W30	18 51 17	12♋15'43	14♊16	17♋34	24♌20	19♊ 4	1♉43	10♋43	21♓44	2♏29	11♏17	17♒ 3	18♒23	5♉42	17♉ 2	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n41	23n38	5n 1	15n53	2s44	22n20	2n 7	20n16	0n 9	9n17	1s 9	23n10	0s13	4s 3	0s45	22s37	0n55	1s39	14n29	15s16	14s55	17n 0	15n33	1s 3
W 2	22 47	26 7	4 49	16 22	2 34	22 5	2 4	20 25	0 9	9 21	1 9	23 10	0 13	4 2	0 45	22 37	0 55	1 39	14 28	15 19	14 56	17 2	15 34	1 3
T 3	22 53	27 24	4 24	16 51	2 24	21 48	2 0	20 35	0 10	9 25	1 9	23 9	0 13	4 2	0 45	22 37	0 55	1 39	14 28	15 23	14 57	17 5	15 35	1 3
F 4	22 59	27 20	3 46	17 22	2 14	21 32	1 57	20 44	0 11	9 29	1 9	23 9	0 13	4 2	0 45	22 37	0 55	1 39	14 28	15 26	14 58	17 7	15 36	1 3
S 5	23 4	25 52	2 56	17 52	2 3	21 15	1 54	20 53	0 11	9 33	1 9	23 9	0 13	4 1	0 45	22 37	0 55	1 39	14 27	15 28	14 59	17 10	15 37	1 3
S 6	23 9	23 4	1 57	18 23	1 52	20 58	1 50	21 2	0 12	9 37	1 10	23 8	0 13	4 1	0 45	22 37	0 55	1 39	14 27	15 29	15 0	17 13	15 38	1 3
M 7	23 13	19 5	0 51	18 54	1 41	20 40	1 46	21 10	0 12	9 41	1 10	23 8	0 13	4 1	0 45	22 37	0 55	1 39	14 26	15 30	15 1	17 15	15 38	1 3
T 8	23 17	14 6	0s19	19 25	1 29	20 22	1 42	21 19	0 13	9 45	1 10	23 8	0 13	4 1	0 46	22 38	0 55	1 39	14 26	15 30	15 2	17 18	15 39	1 4
W 9	23 21	8 22	1 29	19 56	1 17	20 4	1 38	21 27	0 14	9 49	1 10	23 7	0 12	4 0	0 46	22 38	0 55	1 39	14 26	15 30	15 3	17 20	15 40	1 4
T 10	23 24	2 8	2 36	20 26	1 5	19 45	1 33	21 35	0 14	9 53	1 10	23 7	0 12	4 0	0 46	22 38	0 55	1 39	14 25	15 30	15 4	17 23	15 41	1 4
F 11	23 26	4s19	3 35	20 56	0 53	19 26	1 29	21 43	0 15	9 57	1 10	23 6	0 12	4 0	0 46	22 38	0 55	1 39	14 25	15 30	15 5	17 25	15 42	1 4
S 12	23 29	10 40	4 22	21 24	0 41	19 7	1 24	21 50	0 16	10 0	1 10	23 6	0 12	4 0	0 46	22 38	0 55	1 39	14 24	15 30	15 6	17 28	15 43	1 4
S 13	23 31	16 34	4 54	21 52	0 29	18 48	1 19	21 58	0 16	10 4	1 10	23 6	0 12	4 0	0 46	22 38	0 55	1 39	14 24	15 32	15 7	17 31	15 44	1 4
M14	23 32	21 36	5 6	22 18	0 18	18 28	1 14	22 5	0 17	10 8	1 11	23 5	0 12	4 0	0 46	22 38	0 54	1 39	14 24	15 33	15 8	17 33	15 45	1 4
T 15	23 33	25 18	4 59	22 43	0 6	18 8	1 9	22 12	0 18	10 11	1 11	23 5	0 12	3 59	0 46	22 38	0 54	1 39	14 23	15 36	15 9	17 36	15 46	1 4
W16	23 34	27 17	4 31	23 6	0n 5	17 48	1 3	22 19	0 18	10 15	1 11	23 4	0 12	3 59	0 46	22 38	0 54	1 39	14 23	15 38	15 10	17 38	15 47	1 5
T 17	23 34	27 20	3 46	23 28	0 16	17 28	0 57	22 26	0 19	10 18	1 11	23 4	0 12	3 59	0 46	22 38	0 54	1 39	14 22	15 40	15 11	17 41	15 47	1 5
F 18	23 34	25 33	2 48	23 47	0 27	17 7	0 51	22 32	0 19	10 22	1 11	23 4	0 12	3 59	0 46	22 38	0 54	1 40	14 22	15 42	15 12	17 43	15 48	1 5
S 19	23 33	22 13	1 40	24 4	0 37	16 47	0 45	22 38	0 20	10 25	1 11	23 3	0 11	3 59	0 46	22 38	0 54	1 40	14 21	15 43	15 13	17 46	15 49	1 5
S 20	23 33	17 46	0 29	24 18	0 47	16 26	0 39	22 44	0 21	10 29	1 11	23 3	0 11	3 59	0 46	22 38	0 54	1 40	14 21	15 43	15 14	17 48	15 50	1 5
M21	23 31	12 35	0n42	24 29	0 56	16 5	0 32	22 50	0 21	10 32	1 12	23 2	0 11	3 59	0 46	22 38	0 54	1 40	14 21	15 43	15 15	17 51	15 51	1 5
T 22	23 29	7 1	1 48	24 38	1 4	15 44	0 26	22 56	0 22	10 35	1 12	23 2	0 11	3 59	0 46	22 38	0 54	1 40	14 20	15 43	15 16	17 53	15 51	1 5
W23	23 27	1 19	2 48	24 44	1 12	15 23	0 19	23 1	0 23	10 38	1 12	23 1	0 11	3 59	0 46	22 38	0 54	1 40	14 20	15 42	15 17	17 56	15 52	1 5
T 24	23 24	4n18	3 40	24 48	1 19	15 2	0 11	23 7	0 23	10 42	1 12	23 1	0 11	3 59	0 46	22 38	0 54	1 41	14 19	15 42	15 18	17 58	15 53	1 6
F 25	23 21	9 40	4 20	24 48	1 25	14 41	0 4	23 12	0 24	10 45	1 12	23 0	0 11	3 59	0 46	22 38	0 54	1 41	14 19	15 42	15 19	18 1	15 54	1 6
S 26	23 18	14 40	4 49	24 46	1 31	14 19	0s 4	23 16	0 24	10 48	1 12	23 0	0 11	4 0	0 46	22 38	0 54	1 41	14 18	15 43	15 20	18 3	15 54	1 6
S 27	23 14	19 6	5 6	24 41	1 36	13 58	0 12	23 21	0 25	10 51	1 12	22 59	0 11	4 0	0 46	22 38	0 54	1 41	14 18	15 44	15 21	18 6	15 55	1 6
M28	23 10	22 48	5 10	24 33	1 40	13 37	0 20	23 26	0 26	10 54	1 13	22 59	0 11	4 0	0 46	22 38	0 54	1 42	14 17	15 45	15 22	18 8	15 56	1 6
T 29	23 5	25 35	5 0	24 22	1 43	13 16	0 28	23 30	0 26	10 57	1 13	22 58	0 11	4 0	0 46	22 38	0 54	1 42	14 17	15 47	15 23	18 11	15 57	1 6
W30	23n 0	27n12	4n36	24n 9	1n46	12n54	0s37	23n34	0n27	11n 0	1s13	22n58	0s11	4s 0	0s46	22s38	0n54	1s42	14n16	15s49	15s24	18n13	15n57	1s 6

Julian Day Number = 2087554.5, Delta T = 24m06s
Ecliptic obliquity = 23°34'13, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'00, Lahiri = 9°58'01 Julian Calendar 1 June 1003 == Greg. Calendar 7 June 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

JULY 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 55 13	13♋12'59	26♊39	19♋37	24♌58	19♊44	1♉52	10♋50	21°R44	2°R28	11°R17	16°R57	18♒20	5♉49	17♉ 5	T 1
F 2	18 59 10	14°10'16	9♋16	21°39	25°36	20°24	2° 0	10°58	21♓44	2♑26	11♏16	16♒52	18°17	5°56	17° 8	F 2
S 3	19 3 6	15° 7'33	22° 6	23°39	26°12	21° 4	2° 9	11° 6	21°43	2°25	11°16	16°49	18°13	6° 2	17°11	S 3
S 4	19 7 3	16° 4'51	5♌ 8	25°37	26°47	21°44	2°17	11°14	21°43	2°23	11°15	16°47	18°10	6° 9	17°13	S 4
M 5	19 10 59	17° 2'09	18°24	27°34	27°20	22°23	2°25	11°22	21°42	2°22	11°15	16°D46	18° 7	6°16	17°16	M 5
T 6	19 14 56	17°59'28	1♍52	29°30	27°53	23° 3	2°33	11°29	21°41	2°20	11°14	16°47	18° 4	6°23	17°18	T 6
W 7	19 18 52	18°56'47	15°31	1♌23	28°23	23°43	2°41	11°37	21°41	2°18	11°14	16°48	18° 1	6°29	17°21	W 7
T 8	19 22 49	19°54'07	29°22	3°15	28°53	24°23	2°49	11°45	21°40	2°17	11°14	16°50	17°58	6°36	17°23	T 8
F 9	19 26 46	20°51'28	13♎23	5° 5	29°21	25° 2	2°56	11°53	21°39	2°15	11°13	16°50	17°54	6°43	17°26	F 9
S 10	19 30 42	21°48'49	27°34	6°54	29°47	25°42	3° 4	12° 0	21°38	2°14	11°13	16°R51	17°51	6°49	17°28	S 10
S 11	19 34 39	22°46'10	11♏51	8°41	0♍12	26°22	3°11	12° 8	21°37	2°12	11°13	16°49	17°48	6°56	17°30	S 11
M12	19 38 35	23°43'32	26°14	10°26	0°35	27° 1	3°18	12°16	21°36	2°11	11°13	16°47	17°45	7° 3	17°33	M12
T 13	19 42 32	24°40'55	10♐36	12°10	0°56	27°41	3°25	12°23	21°35	2° 9	11°13	16°45	17°42	7°10	17°35	T 13
W14	19 46 28	25°38'19	24°55	13°51	1°16	28°20	3°32	12°31	21°34	2° 8	11°12	16°42	17°38	7°16	17°37	W14
T 15	19 50 25	26°35'43	9♑ 5	15°32	1°33	29° 0	3°39	12°39	21°33	2° 7	11°12	16°39	17°35	7°23	17°39	T 15
F 16	19 54 21	27°33'09	23° 2	17°10	1°49	29°39	3°45	12°46	21°32	2° 5	11°12	16°37	17°32	7°30	17°41	F 16
S 17	19 58 18	28°30'35	6♒41	18°47	2° 3	0♋18	3°52	12°54	21°31	2° 4	11°D12	16°36	17°29	7°37	17°43	S 17
S 18	20 2 15	29°28'03	20° 2	20°23	2°15	0°57	3°58	13° 1	21°30	2° 2	11°12	16°D36	17°26	7°43	17°45	S 18
M19	20 6 11	0♌25'31	3♓ 2	21°56	2°24	1°37	4° 4	13° 9	21°29	2° 1	11°12	16°37	17°23	7°50	17°47	M19
T 20	20 10 8	1°23'01	15°43	23°29	2°32	2°16	4°10	13°17	21°28	2° 0	11°12	16°38	17°19	7°57	17°49	T 20
W21	20 14 4	2°20'32	28° 7	24°59	2°37	2°55	4°16	13°24	21°26	1°58	11°12	16°39	17°16	8° 3	17°51	W21
T 22	20 18 1	3°18'05	10♈17	26°28	2°40	3°34	4°21	13°32	21°25	1°57	11°13	16°40	17°13	8°10	17°53	T 22
F 23	20 21 57	4°15'39	22°17	27°55	2°R41	4°13	4°27	13°39	21°24	1°56	11°13	16°41	17°10	8°17	17°54	F 23
S 24	20 25 54	5°13'14	4♉12	29°21	2°40	4°52	4°32	13°47	21°22	1°54	11°13	16°R41	17° 7	8°24	17°56	S 24
S 25	20 29 50	6°10'52	16° 5	0♍44	2°36	5°31	4°37	13°54	21°21	1°53	11°13	16°41	17° 4	8°30	17°57	S 25
M26	20 33 47	7° 8'30	28° 2	2° 7	2°30	6°10	4°42	14° 1	21°19	1°52	11°13	16°40	17° 0	8°37	17°59	M26
T 27	20 37 44	8° 6'11	10♊ 7	3°27	2°21	6°49	4°47	14° 9	21°18	1°51	11°14	16°39	16°57	8°44	18° 0	T 27
W28	20 41 40	9° 3'53	22°23	4°45	2°11	7°28	4°51	14°16	21°16	1°49	11°14	16°38	16°54	8°51	18° 2	W28
T 29	20 45 37	10° 1'36	4♋55	6° 2	1°57	8° 6	4°56	14°23	21°14	1°48	11°14	16°37	16°51	8°57	18° 3	T 29
F 30	20 49 33	10°59'21	17°43	7°17	1°42	8°45	5° 0	14°31	21°13	1°47	11°15	16°37	16°48	9° 4	18° 4	F 30
S 31	20 53 30	11♌57'08	0♌49	8♍30	1♍24	9♋24	5♉ 4	14♋38	21♓11	1♑46	11♏15	16♒36	16♒44	9♉11	18♉ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n55	27n31	3n59	23n54	1n48	12n33	0s45	23n38	0n28	11n 3	1s13	22n57	0s10	4s 0	0s46	22s39	0n54	1s43	14n16	15s50	15s25	18n16	15n58	1s 7
F 2	22 49	26 24	3 10	23 37	1 49	12 12	0 54	23 41	0 28	11 6	1 13	22 57	0 10	4 1	0 46	22 39	0 54	1 43	14 15	15 52	15 26	18 18	15 58	1 7
S 3	22 42	23 54	2 11	23 17	1 49	11 51	1 4	23 45	0 29	11 8	1 13	22 56	0 10	4 1	0 46	22 39	0 54	1 43	14 15	15 53	15 27	18 21	15 59	1 7
S 4	22 36	20 6	1 3	22 55	1 49	11 31	1 13	23 48	0 29	11 11	1 14	22 55	0 10	4 1	0 46	22 39	0 54	1 44	14 14	15 54	15 28	18 23	16 0	1 7
M 5	22 29	15 15	0s 9	22 32	1 48	11 10	1 23	23 51	0 30	11 14	1 14	22 55	0 10	4 1	0 47	22 39	0 54	1 44	14 14	15 54	15 29	18 26	16 0	1 7
T 6	22 21	9 36	1 22	22 7	1 47	10 50	1 33	23 54	0 31	11 16	1 14	22 54	0 10	4 2	0 47	22 39	0 54	1 44	14 13	15 54	15 30	18 28	16 1	1 7
W 7	22 13	3 25	2 31	21 40	1 45	10 29	1 43	23 56	0 31	11 19	1 14	22 54	0 10	4 2	0 47	22 39	0 54	1 45	14 13	15 53	15 31	18 30	16 2	1 7
T 8	22 5	3s 0	3 33	21 12	1 42	10 9	1 53	23 59	0 32	11 21	1 14	22 53	0 10	4 2	0 47	22 39	0 54	1 45	14 12	15 53	15 32	18 33	16 2	1 8
F 9	21 57	9 20	4 22	20 42	1 39	9 50	2 4	24 1	0 32	11 24	1 14	22 52	0 10	4 3	0 47	22 39	0 54	1 46	14 12	15 52	15 33	18 35	16 3	1 8
S 10	21 48	15 16	4 56	20 12	1 36	9 30	2 15	24 3	0 33	11 26	1 15	22 52	0 10	4 3	0 47	22 39	0 54	1 46	14 11	15 52	15 34	18 38	16 3	1 8
S 11	21 38	20 26	5 13	19 40	1 32	9 11	2 26	24 5	0 34	11 28	1 15	22 51	0 10	4 3	0 47	22 39	0 54	1 46	14 11	15 53	15 35	18 40	16 4	1 8
M12	21 28	24 26	5 10	19 7	1 27	8 52	2 37	24 6	0 34	11 31	1 15	22 51	0 9	4 4	0 47	22 39	0 54	1 47	14 10	15 53	15 36	18 43	16 4	1 8
T 13	21 18	26 54	4 47	18 33	1 22	8 34	2 49	24 8	0 35	11 33	1 15	22 50	0 9	4 4	0 47	22 39	0 54	1 47	14 10	15 54	15 37	18 45	16 5	1 8
W14	21 8	27 35	4 7	17 59	1 17	8 16	3 1	24 9	0 36	11 35	1 15	22 49	0 9	4 5	0 47	22 39	0 54	1 48	14 9	15 55	15 38	18 47	16 5	1 9
T 15	20 57	26 27	3 12	17 24	1 11	7 59	3 13	24 10	0 36	11 37	1 15	22 49	0 9	4 5	0 47	22 39	0 54	1 48	14 8	15 56	15 39	18 50	16 6	1 9
F 16	20 46	23 40	2 6	16 48	1 5	7 42	3 25	24 11	0 37	11 39	1 16	22 48	0 9	4 5	0 47	22 39	0 54	1 49	14 8	15 56	15 40	18 52	16 6	1 9
S 17	20 34	19 35	0 54	16 12	0 58	7 26	3 37	24 12	0 37	11 41	1 16	22 47	0 9	4 6	0 47	22 39	0 54	1 49	14 7	15 57	15 41	18 55	16 6	1 9
S 18	20 22	14 35	0n19	15 35	0 51	7 10	3 49	24 12	0 38	11 43	1 16	22 47	0 9	4 6	0 47	22 39	0 54	1 50	14 7	15 57	15 42	18 57	16 7	1 9
M19	20 10	9 3	1 29	14 58	0 44	6 55	4 2	24 12	0 39	11 45	1 16	22 46	0 9	4 7	0 47	22 39	0 54	1 50	14 6	15 57	15 43	18 59	16 7	1 9
T 20	19 58	3 18	2 34	14 21	0 37	6 40	4 15	24 12	0 39	11 47	1 16	22 45	0 9	4 7	0 47	22 39	0 54	1 51	14 6	15 56	15 44	19 2	16 8	1 9
W21	19 45	2n27	3 30	13 43	0 29	6 26	4 28	24 12	0 40	11 49	1 17	22 45	0 9	4 8	0 47	22 39	0 54	1 51	14 5	15 56	15 45	19 4	16 8	1 10
T 22	19 31	8 0	4 15	13 5	0 21	6 13	4 40	24 12	0 40	11 50	1 17	22 44	0 9	4 9	0 47	22 40	0 54	1 52	14 5	15 56	15 46	19 6	16 8	1 10
F 23	19 18	13 10	4 48	12 28	0 13	6 0	4 53	24 11	0 41	11 52	1 17	22 43	0 9	4 9	0 47	22 40	0 54	1 53	14 4	15 55	15 47	19 9	16 9	1 10
S 24	19 4	17 49	5 9	11 50	0 4	5 49	5 6	24 10	0 42	11 53	1 17	22 43	0 8	4 10	0 47	22 40	0 54	1 53	14 4	15 55	15 47	19 11	16 9	1 10
S 25	18 50	21 47	5 16	11 12	0s 5	5 38	5 20	24 10	0 42	11 55	1 17	22 42	0 8	4 10	0 47	22 40	0 54	1 54	14 3	15 55	15 48	19 13	16 9	1 10
M26	18 35	24 52	5 10	10 34	0 13	5 28	5 32	24 8	0 43	11 56	1 18	22 41	0 8	4 11	0 47	22 40	0 54	1 54	14 2	15 56	15 49	19 16	16 9	1 10
T 27	18 20	26 52	4 50	9 57	0 23	5 19	5 45	24 7	0 43	11 58	1 18	22 41	0 8	4 12	0 47	22 40	0 54	1 55	14 2	15 56	15 50	19 18	16 10	1 11
W28	18 5	27 38	4 17	9 20	0 32	5 11	5 58	24 6	0 44	11 59	1 18	22 40	0 8	4 12	0 47	22 40	0 54	1 56	14 1	15 56	15 51	19 20	16 10	1 11
T 29	17 50	26 59	3 31	8 43	0 41	5 4	6 11	24 4	0 45	12 1	1 18	22 39	0 8	4 13	0 47	22 40	0 54	1 56	14 1	15 56	15 52	19 23	16 10	1 11
F 30	17 34	24 55	2 33	8 6	0 51	4 57	6 23	24 2	0 45	12 2	1 18	22 39	0 8	4 14	0 47	22 40	0 54	1 57	14 0	15 57	15 53	19 25	16 10	1 11
S 31	17n18	21n29	1n26	7n30	1s 0	4n52	6s36	24n 0	0n46	12n 3	1s19	22n38	0s 8	4s14	0s47	22s40	0n54	1s58	14n 0	15s57	15s54	19n27	16n10	1s11

Julian Day Number = 2087584.5, Delta T = 24m06s
Ecliptic obliquity = 23°34'12, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'04, Lahiri = 9°58'05 Julian Calendar 1 July 1003 == Greg. Calendar 7 July 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

AUGUST 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 57 26	12♌54'56	14♌13	9♍40	1°R 4	10♋ 2	5♉ 8	14♋45	21°R 9	1°R45	11♏16	16°D36	16♒41	9♉17	18♉ 7	S 1
M 2	21 1 23	13°52'46	27°53	10°49	0♍42	10°41	5°11	14°52	21♓ 8	1♑44	11°16	16♒36	16°38	9°24	18° 8	M 2
T 3	21 5 19	14°50'37	11♍47	11°55	0°17	11°20	5°15	14°59	21° 6	1°42	11°17	16°36	16°35	9°31	18° 9	T 3
W 4	21 9 16	15°48'29	25°53	12°59	29♌51	11°58	5°18	15° 7	21° 4	1°41	11°17	16°37	16°32	9°38	18°10	W 4
T 5	21 13 13	16°46'22	10♎ 5	14° 1	29°23	12°36	5°21	15°14	21° 2	1°40	11°18	16°R37	16°29	9°44	18°11	T 5
F 6	21 17 9	17°44'17	24°21	15° 0	28°53	13°15	5°24	15°21	21° 0	1°39	11°19	16°36	16°25	9°51	18°12	F 6
S 7	21 21 6	18°42'14	8♏38	15°57	28°21	13°53	5°27	15°28	20°58	1°38	11°19	16°36	16°22	9°58	18°12	S 7
S 8	21 25 2	19°40'11	22°53	16°50	27°48	14°31	5°29	15°35	20°56	1°37	11°20	16°D36	16°19	10° 4	18°13	S 8
M 9	21 28 59	20°38'10	7♐ 2	17°40	27°13	15°10	5°32	15°41	20°55	1°36	11°21	16°36	16°16	10°11	18°14	M 9
T 10	21 32 55	21°36'11	21° 4	18°28	26°38	15°48	5°34	15°48	20°53	1°36	11°22	16°37	16°13	10°18	18°14	T 10
W11	21 36 52	22°34'13	4♑57	19°11	26° 2	16°26	5°36	15°55	20°50	1°35	11°22	16°37	16°10	10°25	18°15	W11
T 12	21 40 48	23°32'16	18°39	19°52	25°25	17° 4	5°38	16° 2	20°48	1°34	11°23	16°38	16° 6	10°31	18°15	T 12
F 13	21 44 45	24°30'21	2♒ 9	20°28	24°48	17°42	5°39	16° 8	20°46	1°33	11°24	16°38	16° 3	10°38	18°16	F 13
S 14	21 48 42	25°28'27	15°25	21° 0	24°11	18°20	5°41	16°15	20°44	1°32	11°25	16°R39	16° 0	10°45	18°16	S 14
S 15	21 52 38	26°26'35	28°27	21°27	23°34	18°58	5°42	16°22	20°42	1°31	11°26	16°38	15°57	10°52	18°17	S 15
M16	21 56 35	27°24'45	11♓14	21°50	22°57	19°36	5°43	16°28	20°40	1°31	11°27	16°38	15°54	10°58	18°17	M16
T 17	22 0 31	28°22'56	23°47	22° 8	22°21	20°14	5°44	16°35	20°38	1°30	11°28	16°36	15°50	11° 5	18°17	T 17
W18	22 4 28	29°21'10	6♈ 6	22°21	21°46	20°52	5°44	16°41	20°36	1°29	11°29	16°35	15°47	11°12	18°17	W18
T 19	22 8 24	0♍19'26	18°14	22°28	21°12	21°30	5°44	16°48	20°33	1°29	11°30	16°33	15°44	11°18	18°R17	T 19
F 20	22 12 21	1°17'43	0♉14	22°R29	20°39	22° 7	5°R45	16°54	20°31	1°28	11°31	16°31	15°41	11°25	18°17	F 20
S 21	22 16 17	2°16'03	12° 8	22°23	20° 8	22°45	5°45	17° 0	20°29	1°27	11°32	16°29	15°38	11°32	18°17	S 21
S 22	22 20 14	3°14'25	24° 0	22°12	19°38	23°23	5°44	17° 6	20°27	1°27	11°33	16°28	15°35	11°39	18°17	S 22
M23	22 24 11	4°12'49	5♊56	21°53	19°11	24° 0	5°44	17°13	20°24	1°26	11°35	16°D28	15°31	11°45	18°17	M23
T 24	22 28 7	5°11'15	18° 0	21°28	18°45	24°38	5°43	17°19	20°22	1°26	11°36	16°28	15°28	11°52	18°16	T 24
W25	22 32 4	6° 9'44	0♋16	20°57	18°21	25°15	5°43	17°25	20°20	1°25	11°37	16°30	15°25	11°59	18°16	W25
T 26	22 36 0	7° 8'14	12°49	20°18	17°59	25°53	5°42	17°31	20°17	1°25	11°38	16°31	15°22	12° 5	18°16	T 26
F 27	22 39 57	8° 6'47	25°42	19°34	17°40	26°30	5°40	17°37	20°15	1°25	11°40	16°33	15°19	12°12	18°15	F 27
S 28	22 43 53	9° 5'22	8♌58	18°44	17°23	27° 7	5°39	17°42	20°13	1°24	11°41	16°33	15°16	12°19	18°15	S 28
S 29	22 47 50	10° 3'59	22°37	17°48	17° 9	27°45	5°37	17°48	20°10	1°24	11°42	16°R34	15°12	12°26	18°14	S 29
M30	22 51 46	11° 2'38	6♍38	16°48	16°56	28°22	5°35	17°54	20° 8	1°23	11°44	16°32	15° 9	12°32	18°13	M30
T 31	22 55 43	12♍ 1'19	20♍58	15♍46	16♌46	28♋59	5♉33	18♋ 0	20♓ 6	1♑23	11♏45	16♒30	15♒ 6	12♉39	18♉13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n 2	16n52	0n13	6n54	1s10	4n48	6s47	23n58	0n47	12n 4	1s19	22n37	0s 8	4s15	0s47	22s40	0n54	1s58	13n59	15s57	15s55	19n30	16n11	1s11
M 2	16 45	11 18	1s 2	6 19	1 20	4 45	6 59	23 55	0 47	12 5	1 19	22 36	0 8	4 16	0 47	22 40	0 54	1 59	13 59	15 57	15 56	19 32	16 11	1 12
T 3	16 28	5 6	2 15	5 45	1 30	4 43	7 10	23 53	0 48	12 6	1 19	22 36	0 8	4 16	0 47	22 40	0 53	1 59	13 58	15 57	15 57	19 34	16 11	1 12
W 4	16 11	1s25	3 21	5 11	1 40	4 42	7 21	23 50	0 48	12 7	1 19	22 35	0 8	4 17	0 47	22 40	0 53	2 0	13 58	15 57	15 58	19 37	16 11	1 12
T 5	15 54	7 55	4 15	4 38	1 50	4 43	7 31	23 47	0 49	12 8	1 20	22 34	0 7	4 18	0 47	22 40	0 53	2 1	13 57	15 57	15 59	19 39	16 11	1 12
F 6	15 36	14 2	4 53	4 6	2 0	4 44	7 40	23 44	0 50	12 9	1 20	22 34	0 7	4 19	0 47	22 40	0 53	2 2	13 57	15 57	16 0	19 41	16 11	1 12
S 7	15 18	19 24	5 14	3 35	2 10	4 46	7 49	23 40	0 50	12 9	1 20	22 33	0 7	4 19	0 47	22 40	0 53	2 2	13 56	15 57	16 1	19 43	16 11	1 12
S 8	15 0	23 40	5 15	3 5	2 20	4 50	7 57	23 37	0 51	12 10	1 20	22 32	0 7	4 20	0 47	22 40	0 53	2 3	13 55	15 57	16 2	19 46	16 11	1 12
M 9	14 41	26 29	4 57	2 36	2 30	4 54	8 5	23 33	0 51	12 10	1 20	22 31	0 7	4 21	0 47	22 40	0 53	2 4	13 55	15 57	16 3	19 48	16 11	1 13
T 10	14 23	27 37	4 21	2 9	2 39	5 0	8 11	23 29	0 52	12 11	1 21	22 31	0 7	4 22	0 47	22 40	0 53	2 4	13 54	15 57	16 4	19 50	16 11	1 13
W11	14 4	26 59	3 31	1 43	2 49	5 6	8 17	23 25	0 53	12 11	1 21	22 30	0 7	4 23	0 48	22 40	0 53	2 5	13 54	15 56	16 5	19 53	16 11	1 13
T 12	13 45	24 43	2 29	1 18	2 58	5 14	8 22	23 21	0 53	12 12	1 21	22 29	0 7	4 23	0 48	22 40	0 53	2 6	13 53	15 56	16 6	19 55	16 11	1 13
F 13	13 26	21 5	1 19	0 56	3 7	5 22	8 26	23 17	0 54	12 12	1 21	22 29	0 7	4 24	0 48	22 41	0 53	2 7	13 53	15 56	16 7	19 57	16 11	1 13
S 14	13 6	16 24	0 7	0 35	3 16	5 31	8 29	23 12	0 54	12 12	1 21	22 28	0 7	4 25	0 48	22 41	0 53	2 7	13 52	15 56	16 8	19 59	16 11	1 13
S 15	12 46	11 4	1n 5	0 16	3 25	5 41	8 32	23 8	0 55	12 13	1 22	22 27	0 7	4 26	0 48	22 41	0 53	2 8	13 52	15 56	16 9	20 2	16 11	1 14
M16	12 26	5 21	2 12	0 0	3 33	5 51	8 33	23 3	0 56	12 13	1 22	22 26	0 7	4 27	0 48	22 41	0 53	2 9	13 51	15 56	16 10	20 4	16 11	1 14
T 17	12 6	0n26	3 11	0s14	3 40	6 2	8 33	22 58	0 56	12 13	1 22	22 26	0 6	4 28	0 48	22 41	0 53	2 10	13 51	15 57	16 10	20 6	16 11	1 14
W18	11 46	6 7	4 0	0 25	3 47	6 14	8 33	22 53	0 57	12 13	1 22	22 25	0 6	4 29	0 48	22 41	0 53	2 11	13 50	15 57	16 11	20 8	16 11	1 14
T 19	11 25	11 28	4 38	0 34	3 53	6 26	8 31	22 47	0 57	12 13	1 22	22 24	0 6	4 29	0 48	22 41	0 53	2 11	13 50	15 58	16 12	20 10	16 11	1 14
F 20	11 4	16 20	5 3	0 39	3 59	6 38	8 29	22 42	0 58	12 13	1 23	22 24	0 6	4 30	0 48	22 41	0 53	2 12	13 49	15 58	16 13	20 13	16 10	1 14
S 21	10 43	20 32	5 14	0 41	4 3	6 50	8 26	22 36	0 59	12 13	1 23	22 23	0 6	4 31	0 48	22 41	0 53	2 13	13 49	15 59	16 14	20 15	16 10	1 15
S 22	10 22	23 55	5 13	0 40	4 7	7 3	8 22	22 30	0 59	12 12	1 23	22 22	0 6	4 32	0 48	22 41	0 53	2 14	13 48	15 59	16 15	20 17	16 10	1 15
M23	10 1	26 18	4 57	0 35	4 9	7 16	8 17	22 24	1 0	12 12	1 23	22 21	0 6	4 33	0 48	22 41	0 53	2 15	13 48	15 59	16 16	20 19	16 10	1 15
T 24	9 40	27 29	4 29	0 26	4 10	7 29	8 12	22 18	1 0	12 12	1 23	22 21	0 6	4 34	0 48	22 41	0 53	2 15	13 47	15 59	16 17	20 21	16 10	1 15
W25	9 18	27 22	3 48	0 13	4 9	7 42	8 6	22 12	1 1	12 11	1 23	22 20	0 6	4 35	0 48	22 41	0 53	2 16	13 47	15 59	16 18	20 24	16 9	1 15
T 26	8 56	25 51	2 55	0n 4	4 7	7 55	7 59	22 6	1 2	12 11	1 24	22 19	0 6	4 36	0 48	22 41	0 53	2 17	13 46	15 58	16 19	20 26	16 9	1 16
F 27	8 34	22 58	1 52	0 25	4 3	8 7	7 52	21 59	1 2	12 10	1 24	22 19	0 6	4 37	0 48	22 41	0 53	2 18	13 46	15 58	16 20	20 28	16 9	1 16
S 28	8 12	18 47	0 42	0 51	3 58	8 20	7 44	21 53	1 3	12 9	1 24	22 18	0 6	4 38	0 48	22 41	0 53	2 19	13 45	15 58	16 21	20 30	16 8	1 16
S 29	7 50	13 32	0s33	1 19	3 50	8 32	7 36	21 46	1 3	12 9	1 24	22 17	0 5	4 39	0 48	22 41	0 53	2 20	13 45	15 58	16 22	20 32	16 8	1 16
M30	7 28	7 27	1 48	1 51	3 40	8 44	7 27	21 39	1 4	12 8	1 24	22 17	0 5	4 40	0 48	22 41	0 53	2 21	13 44	15 58	16 23	20 34	16 8	1 16
T 31	7n 5	0n53	2s58	2n26	3s29	8n55	7s18	21n32	1n 5	12n 7	1s25	22n16	0s 5	4s41	0s48	22s41	0n52	2s21	13n44	15s59	16s24	20n36	16n 7	1s16

Julian Day Number = 2087615.5, Delta T = 24m06s
Ecliptic obliquity = 23°34'13, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'08, Lahiri = 9°58'09 Julian Calendar 1 Aug. 1003 == Greg. Calendar 7 Aug. 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

SEPTEMBER 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 59 40	13♍ 0'02	5♎32	14°R41	16°R39	29♋36	5°R31	18♋ 5	20°R 3	1°R23	11♏47	16°R27	15♒ 3	12♉46	18°R12	W 1
T 2	23 3 36	13°58'47	20°12	13♍36	16♌34	0♌13	5♉29	18°11	20♓ 1	1♑23	11°48	16♒23	15° 0	12°53	18♉11	T 2
F 3	23 7 33	14°57'34	4♏52	12°33	16°31	0°51	5°26	18°16	19°58	1°23	11°50	16°19	14°56	12°59	18°10	F 3
S 4	23 11 29	15°56'23	19°26	11°33	16°D31	1°27	5°23	18°21	19°56	1°22	11°51	16°16	14°53	13° 6	18° 9	S 4
S 5	23 15 26	16°55'13	3♐48	10°37	16°33	2° 4	5°20	18°27	19°54	1°22	11°53	16°14	14°50	13°13	18° 8	S 5
M 6	23 19 22	17°54'05	17°56	9°47	16°37	2°41	5°17	18°32	19°51	1°22	11°54	16°D13	14°47	13°19	18° 7	M 6
T 7	23 23 19	18°52'59	1♑47	9° 4	16°44	3°18	5°14	18°37	19°49	1°22	11°56	16°14	14°44	13°26	18° 6	T 7
W 8	23 27 15	19°51'55	15°23	8°30	16°53	3°55	5°10	18°42	19°46	1°D22	11°58	16°15	14°41	13°33	18° 5	W 8
T 9	23 31 12	20°50'53	28°43	8° 5	17° 4	4°32	5° 6	18°47	19°44	1°22	11°59	16°17	14°37	13°40	18° 3	T 9
F 10	23 35 9	21°49'52	11♒49	7°51	17°17	5° 8	5° 2	18°52	19°42	1°22	12° 1	16°R18	14°34	13°46	18° 2	F 10
S 11	23 39 5	22°48'53	24°42	7°D46	17°32	5°45	4°58	18°57	19°39	1°22	12° 3	16°17	14°31	13°53	18° 1	S 11
S 12	23 43 2	23°47'56	7♓23	7°52	17°49	6°21	4°54	19° 2	19°37	1°22	12° 4	16°15	14°28	14° 0	17°59	S 12
M13	23 46 58	24°47'01	19°54	8° 8	18° 8	6°58	4°49	19° 6	19°34	1°23	12° 6	16°12	14°25	14° 7	17°58	M13
T 14	23 50 55	25°46'08	2♈14	8°35	18°29	7°34	4°45	19°11	19°32	1°23	12° 8	16° 6	14°21	14°13	17°56	T 14
W15	23 54 51	26°45'18	14°26	9°10	18°52	8°11	4°40	19°15	19°29	1°23	12°10	15°59	14°18	14°20	17°55	W15
T 16	23 58 48	27°44'29	26°29	9°55	19°17	8°47	4°35	19°20	19°27	1°23	12°12	15°51	14°15	14°27	17°53	T 16
F 17	0 2 44	28°43'43	8♉25	10°48	19°43	9°23	4°30	19°24	19°25	1°23	12°14	15°43	14°12	14°33	17°51	F 17
S 18	0 6 41	29°42'59	20°18	11°48	20°11	10° 0	4°24	19°28	19°22	1°24	12°15	15°36	14° 9	14°40	17°49	S 18
S 19	0 10 37	0♎42'17	2♊ 9	12°55	20°41	10°36	4°19	19°32	19°20	1°24	12°17	15°30	14° 6	14°47	17°48	S 19
M20	0 14 34	1°41'38	14° 3	14° 9	21°12	11°12	4°13	19°36	19°18	1°24	12°19	15°26	14° 2	14°54	17°46	M20
T 21	0 18 31	2°41'01	26° 3	15°27	21°45	11°48	4° 7	19°40	19°15	1°25	12°21	15°24	13°59	15° 0	17°44	T 21
W22	0 22 27	3°40'26	8♋16	16°50	22°19	12°24	4° 1	19°44	19°13	1°25	12°23	15°D24	13°56	15° 7	17°42	W22
T 23	0 26 24	4°39'54	20°45	18°17	22°54	13° 0	3°55	19°48	19°11	1°26	12°25	15°25	13°53	15°14	17°40	T 23
F 24	0 30 20	5°39'24	3♌35	19°47	23°31	13°36	3°49	19°52	19° 8	1°26	12°27	15°26	13°50	15°20	17°38	F 24
S 25	0 34 17	6°38'57	16°50	21°20	24° 9	14°12	3°43	19°55	19° 6	1°27	12°29	15°R27	13°47	15°27	17°36	S 25
S 26	0 38 13	7°38'31	0♍33	22°56	24°48	14°48	3°36	19°59	19° 4	1°27	12°31	15°26	13°43	15°34	17°33	S 26
M27	0 42 10	8°38'08	14°44	24°33	25°28	15°23	3°29	20° 2	19° 2	1°28	12°33	15°23	13°40	15°41	17°31	M27
T 28	0 46 6	9°37'47	29°20	26°11	26°10	15°59	3°23	20° 6	18°59	1°29	12°35	15°17	13°37	15°47	17°29	T 28
W29	0 50 3	10°37'28	14♎15	27°51	26°53	16°34	3°16	20° 9	18°57	1°29	12°37	15° 9	13°34	15°54	17°26	W29
T 30	0 54 0	11♎37'12	29♎21	29♍32	27♌36	17♌10	3♉ 9	20♋12	18♓55	1♑30	12♏40	15♒ 1	13♒31	16♉ 1	17♉24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n43	5s50	3s57	3n 4	3s15	9n 7	7s 9	21n24	1n 5	12n 6	1s25	22n15	0s 5	4s41	0s48	22s41	0n52	2s22	13n43	16s 0	16s25	20n39	16n 7	1s17
T 2	6 20	12 16	4 41	3 43	3 0	9 17	6 59	21 17	1 6	12 5	1 25	22 15	0 5	4 42	0 48	22 41	0 52	2 23	13 43	16 1	16 26	20 41	16 7	1 17
F 3	5 57	18 1	5 6	4 23	2 43	9 28	6 49	21 10	1 6	12 4	1 25	22 14	0 5	4 43	0 48	22 41	0 52	2 24	13 43	16 2	16 27	20 43	16 6	1 17
S 4	5 34	22 41	5 12	5 2	2 25	9 37	6 39	21 2	1 7	12 3	1 25	22 13	0 5	4 44	0 48	22 41	0 52	2 25	13 42	16 3	16 27	20 45	16 6	1 17
S 5	5 12	25 54	4 58	5 41	2 6	9 47	6 29	20 54	1 8	12 2	1 25	22 13	0 5	4 45	0 48	22 41	0 52	2 26	13 42	16 3	16 28	20 47	16 5	1 17
M 6	4 48	27 26	4 26	6 18	1 46	9 56	6 18	20 46	1 8	12 1	1 26	22 12	0 5	4 46	0 48	22 42	0 52	2 27	13 41	16 4	16 29	20 49	16 5	1 17
T 7	4 25	27 13	3 39	6 53	1 26	10 4	6 7	20 38	1 9	11 59	1 26	22 11	0 5	4 47	0 48	22 42	0 52	2 27	13 41	16 4	16 30	20 51	16 4	1 18
W 8	4 2	25 20	2 41	7 24	1 6	10 11	5 57	20 30	1 10	11 58	1 26	22 11	0 5	4 48	0 48	22 42	0 52	2 28	13 40	16 3	16 31	20 53	16 4	1 18
T 9	3 39	22 4	1 34	7 52	0 46	10 19	5 46	20 22	1 10	11 57	1 26	22 10	0 5	4 49	0 48	22 42	0 52	2 29	13 40	16 3	16 32	20 55	16 3	1 18
F 10	3 15	17 44	0 24	8 15	0 27	10 25	5 35	20 14	1 11	11 55	1 26	22 10	0 4	4 50	0 48	22 42	0 52	2 30	13 39	16 2	16 33	20 58	16 3	1 18
S 11	2 52	12 39	0n46	8 34	0 9	10 31	5 24	20 5	1 11	11 54	1 26	22 9	0 4	4 51	0 48	22 42	0 52	2 31	13 39	16 2	16 34	21 0	16 2	1 18
S 12	2 29	7 7	1 52	8 48	0n 9	10 36	5 13	19 57	1 12	11 52	1 26	22 8	0 4	4 52	0 48	22 42	0 52	2 32	13 39	16 3	16 35	21 2	16 2	1 18
M13	2 5	1 23	2 52	8 57	0 25	10 41	5 2	19 48	1 13	11 50	1 27	22 8	0 4	4 53	0 48	22 42	0 52	2 33	13 38	16 4	16 36	21 4	16 1	1 18
T 14	1 41	4n18	3 43	9 1	0 40	10 45	4 51	19 39	1 13	11 49	1 27	22 7	0 4	4 54	0 48	22 42	0 52	2 34	13 38	16 6	16 37	21 6	16 1	1 19
W15	1 18	9 45	4 23	9 0	0 54	10 48	4 41	19 30	1 14	11 47	1 27	22 7	0 4	4 55	0 48	22 42	0 52	2 35	13 37	16 8	16 38	21 8	16 0	1 19
T 16	0 54	14 47	4 51	8 55	1 6	10 51	4 30	19 21	1 14	11 45	1 27	22 6	0 4	4 56	0 48	22 42	0 52	2 36	13 37	16 10	16 39	21 10	15 59	1 19
F 17	0 31	19 12	5 6	8 45	1 17	10 53	4 19	19 12	1 15	11 43	1 27	22 6	0 4	4 57	0 48	22 42	0 52	2 36	13 37	16 13	16 40	21 12	15 59	1 19
S 18	0 7	22 50	5 7	8 30	1 27	10 54	4 8	19 3	1 16	11 41	1 27	22 5	0 4	4 58	0 48	22 42	0 52	2 37	13 36	16 15	16 40	21 14	15 58	1 19
S 19	0s17	25 31	4 55	8 12	1 35	10 55	3 58	18 54	1 16	11 39	1 27	22 5	0 4	4 58	0 48	22 42	0 52	2 38	13 36	16 17	16 41	21 16	15 57	1 19
M20	0 41	27 5	4 31	7 50	1 42	10 55	3 48	18 44	1 17	11 37	1 27	22 4	0 4	4 59	0 48	22 42	0 52	2 39	13 36	16 18	16 42	21 18	15 57	1 20
T 21	1 4	27 25	3 54	7 25	1 47	10 54	3 37	18 35	1 18	11 35	1 28	22 4	0 3	5 0	0 48	22 42	0 52	2 40	13 35	16 18	16 43	21 20	15 56	1 20
W22	1 28	26 25	3 7	6 56	1 52	10 53	3 27	18 25	1 18	11 33	1 28	22 3	0 3	5 1	0 48	22 42	0 52	2 41	13 35	16 18	16 44	21 22	15 55	1 20
T 23	1 52	24 5	2 9	6 25	1 55	10 51	3 17	18 16	1 19	11 31	1 28	22 3	0 3	5 2	0 48	22 42	0 52	2 42	13 35	16 18	16 45	21 24	15 55	1 20
F 24	2 16	20 29	1 3	5 52	1 57	10 49	3 7	18 6	1 19	11 29	1 28	22 2	0 3	5 3	0 48	22 42	0 52	2 43	13 34	16 18	16 46	21 26	15 54	1 20
S 25	2 39	15 45	0s 7	5 16	1 59	10 46	2 57	17 56	1 20	11 27	1 28	22 2	0 3	5 4	0 48	22 42	0 51	2 44	13 34	16 18	16 47	21 28	15 53	1 20
S 26	3 3	10 5	1 20	4 39	1 59	10 42	2 48	17 46	1 21	11 24	1 28	22 1	0 3	5 5	0 48	22 42	0 51	2 45	13 34	16 18	16 48	21 30	15 52	1 21
M27	3 27	3 44	2 30	4 0	1 59	10 37	2 38	17 36	1 21	11 22	1 28	22 1	0 3	5 6	0 48	22 42	0 51	2 45	13 33	16 19	16 49	21 32	15 52	1 21
T 28	3 50	2s59	3 33	3 19	1 58	10 32	2 29	17 26	1 22	11 20	1 28	22 1	0 3	5 7	0 48	22 42	0 51	2 46	13 33	16 20	16 50	21 34	15 51	1 21
W29	4 14	9 40	4 22	2 38	1 56	10 26	2 19	17 16	1 22	11 17	1 28	22 0	0 3	5 7	0 48	22 42	0 51	2 47	13 33	16 23	16 51	21 36	15 50	1 21
T 30	4s37	15s52	4s53	1n56	1n54	10n20	2s10	17n 6	1n23	11n15	1s28	22n 0	0s 3	5s 8	0s48	22s42	0n51	2s48	13n32	16s25	16s51	21n38	15n49	1s21

Julian Day Number = 2087646.5, Delta T = 24m05s
Ecliptic obliquity = 23°34'13, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'13, Lahiri = 9°58'13 Julian Calendar 1 Sept. 1003 == Greg. Calendar 7 Sept. 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

OCTOBER 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 57 56	12♎36'57	14♏26	1♎13	28♌21	17♌45	3°R 1	20♋15	18°R53	1♑31	12♏42	14°R52	13♒27	16♉ 8	17°R22	F 1
S 2	1 1 53	13°36'44	29°23	2°54	29° 7	18°21	2♉54	20°18	18♓51	1°32	12°44	14♒44	13°24	16°14	17♉19	S 2
S 3	1 5 49	14°36'33	14♐ 2	4°36	29°53	18°56	2°47	20°21	18°49	1°32	12°46	14°38	13°21	16°21	17°17	S 3
M 4	1 9 46	15°36'24	28°19	6°18	0♍41	19°31	2°39	20°23	18°46	1°33	12°48	14°35	13°18	16°28	17°14	M 4
T 5	1 13 42	16°36'17	12♑12	7°59	1°29	20° 6	2°32	20°26	18°44	1°34	12°50	14°D33	13°15	16°34	17°12	T 5
W 6	1 17 39	17°36'11	25°42	9°41	2°19	20°42	2°24	20°28	18°42	1°35	12°53	14°33	13°12	16°41	17° 9	W 6
T 7	1 21 35	18°36'07	8♒50	11°22	3° 9	21°17	2°16	20°31	18°40	1°36	12°55	14°R34	13° 8	16°48	17° 6	T 7
F 8	1 25 32	19°36'04	21°41	13° 3	3°59	21°52	2° 9	20°33	18°38	1°37	12°57	14°34	13° 5	16°55	17° 4	F 8
S 9	1 29 29	20°36'03	4♓18	14°44	4°51	22°26	2° 1	20°35	18°36	1°38	12°59	14°32	13° 2	17° 1	17° 1	S 9
S 10	1 33 25	21°36'04	16°43	16°24	5°43	23° 1	1°53	20°37	18°34	1°39	13° 2	14°27	12°59	17° 8	16°58	S 10
M11	1 37 22	22°36'07	28°58	18° 4	6°36	23°36	1°45	20°39	18°33	1°40	13° 4	14°20	12°56	17°15	16°55	M11
T 12	1 41 18	23°36'11	11♈ 6	19°44	7°30	24°11	1°37	20°41	18°31	1°41	13° 6	14°10	12°53	17°22	16°52	T 12
W13	1 45 15	24°36'17	23° 8	21°23	8°24	24°45	1°29	20°43	18°29	1°42	13° 8	13°58	12°49	17°28	16°50	W13
T 14	1 49 11	25°36'25	5♉ 6	23° 2	9°19	25°20	1°21	20°44	18°27	1°43	13°11	13°44	12°46	17°35	16°47	T 14
F 15	1 53 8	26°36'35	17° 0	24°40	10°15	25°54	1°13	20°46	18°25	1°44	13°13	13°30	12°43	17°42	16°44	F 15
S 16	1 57 4	27°36'48	28°51	26°18	11°11	26°28	1° 5	20°47	18°24	1°46	13°15	13°18	12°40	17°48	16°41	S 16
S 17	2 1 1	28°37'02	10♊43	27°56	12° 8	27° 3	0°56	20°49	18°22	1°47	13°18	13° 7	12°37	17°55	16°38	S 17
M18	2 4 58	29°37'18	22°37	29°33	13° 6	27°37	0°48	20°50	18°20	1°48	13°20	12°59	12°33	18° 2	16°35	M18
T 19	2 8 54	0♏37'36	4♋36	1♏ 9	14° 4	28°11	0°40	20°51	18°19	1°49	13°22	12°53	12°30	18° 9	16°32	T 19
W20	2 12 51	1°37'56	16°46	2°46	15° 2	28°45	0°32	20°52	18°17	1°51	13°25	12°50	12°27	18°15	16°29	W20
T 21	2 16 47	2°38'18	29°10	4°22	16° 1	29°19	0°24	20°53	18°16	1°52	13°27	12°D50	12°24	18°22	16°26	T 21
F 22	2 20 44	3°38'42	11♌54	5°57	17° 0	29°53	0°16	20°53	18°14	1°54	13°30	12°R50	12°21	18°29	16°23	F 22
S 23	2 24 40	4°39'08	25° 2	7°33	18° 0	0♍27	0° 8	20°54	18°13	1°55	13°32	12°49	12°18	18°35	16°19	S 23
S 24	2 28 37	5°39'36	8♍38	9° 8	19° 1	1° 0	29♈59	20°55	18°11	1°56	13°34	12°47	12°14	18°42	16°16	S 24
M25	2 32 33	6°40'06	22°45	10°42	20° 2	1°34	29°51	20°55	18°10	1°58	13°37	12°43	12°11	18°49	16°13	M25
T 26	2 36 30	7°40'38	7♎20	12°17	21° 3	2° 8	29°43	20°55	18° 9	1°59	13°39	12°36	12° 8	18°56	16°10	T 26
W27	2 40 27	8°41'11	22°20	13°51	22° 4	2°41	29°35	20°55	18° 7	2° 1	13°41	12°26	12° 5	19° 2	16° 7	W27
T 28	2 44 23	9°41'46	7♏36	15°25	23° 6	3°14	29°27	20°R56	18° 6	2° 2	13°44	12°14	12° 2	19° 9	16° 4	T 28
F 29	2 48 20	10°42'23	22°58	16°58	24° 9	3°48	29°19	20°55	18° 5	2° 4	13°46	12° 3	11°58	19°16	16° 1	F 29
S 30	2 52 16	11°43'02	8♐12	18°32	25°12	4°21	29°12	20°55	18° 4	2° 6	13°49	11°52	11°55	19°23	15°57	S 30
S 31	2 56 13	12♏43'42	23♐ 9	20♏ 5	26♍15	4♍54	29♈ 4	20♋55	18♓ 3	2♑ 7	13♏51	11♒44	11♒52	19♉29	15♉54	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s 1	21s 6	5s 4	1n13	1n51	10n13	2s 1	16n55	1n24	11n12	1s28	22n 0	0s 3	5s 9	0s47	22s42	0n51	2s49	13n32	16s28	16s52	21n40	15n48	1s21
S 2	5 24	24 55	4 55	0 29	1 47	10 6	1 52	16 45	1 24	11 10	1 28	21 59	0 2	5 10	0 47	22 42	0 51	2 50	13 32	16 30	16 53	21 42	15 48	1 21
S 3	5 47	27 0	4 26	0s15	1 44	9 57	1 44	16 34	1 25	11 7	1 28	21 59	0 2	5 11	0 47	22 42	0 51	2 51	13 31	16 32	16 54	21 44	15 47	1 22
M 4	6 11	27 14	3 41	1 0	1 39	9 49	1 35	16 24	1 26	11 5	1 28	21 59	0 2	5 11	0 47	22 43	0 51	2 52	13 31	16 33	16 55	21 46	15 46	1 22
T 5	6 34	25 43	2 44	1 44	1 35	9 39	1 27	16 13	1 26	11 2	1 28	21 58	0 2	5 12	0 47	22 43	0 51	2 53	13 31	16 33	16 56	21 48	15 45	1 22
W 6	6 57	22 44	1 39	2 29	1 30	9 29	1 18	16 3	1 27	11 0	1 28	21 58	0 2	5 13	0 47	22 43	0 51	2 53	13 31	16 33	16 57	21 50	15 44	1 22
T 7	7 20	18 38	0 30	3 13	1 25	9 19	1 10	15 52	1 28	10 57	1 28	21 58	0 2	5 14	0 47	22 43	0 51	2 54	13 30	16 33	16 58	21 52	15 43	1 22
F 8	7 43	13 45	0n38	3 58	1 19	9 8	1 2	15 41	1 28	10 54	1 28	21 57	0 2	5 15	0 47	22 43	0 51	2 55	13 30	16 33	16 59	21 54	15 42	1 22
S 9	8 5	8 23	1 43	4 42	1 14	8 56	0 55	15 30	1 29	10 52	1 28	21 57	0 2	5 15	0 47	22 43	0 51	2 56	13 30	16 34	17 0	21 55	15 42	1 22
S 10	8 28	2 47	2 42	5 27	1 8	8 44	0 47	15 20	1 29	10 49	1 28	21 57	0 2	5 16	0 47	22 43	0 51	2 57	13 30	16 35	17 1	21 57	15 41	1 23
M11	8 50	2n50	3 32	6 11	1 2	8 32	0 39	15 9	1 30	10 46	1 28	21 57	0 2	5 17	0 47	22 43	0 51	2 58	13 29	16 37	17 2	21 59	15 40	1 23
T 12	9 13	8 17	4 13	6 54	0 55	8 18	0 32	14 58	1 31	10 43	1 28	21 57	0 2	5 17	0 47	22 43	0 51	2 59	13 29	16 40	17 2	22 1	15 39	1 23
W13	9 35	13 23	4 41	7 38	0 49	8 5	0 25	14 47	1 31	10 41	1 28	21 56	0 1	5 18	0 47	22 43	0 51	2 59	13 29	16 44	17 3	22 3	15 38	1 23
T 14	9 57	17 57	4 57	8 20	0 43	7 50	0 18	14 36	1 32	10 38	1 28	21 56	0 1	5 19	0 47	22 43	0 51	3 0	13 29	16 48	17 4	22 5	15 37	1 23
F 15	10 19	21 47	5 0	9 3	0 36	7 36	0 11	14 24	1 33	10 35	1 28	21 56	0 1	5 20	0 47	22 43	0 51	3 1	13 29	16 52	17 5	22 7	15 36	1 23
S 16	10 41	24 43	4 50	9 45	0 30	7 21	0 4	14 13	1 33	10 32	1 28	21 56	0 1	5 20	0 47	22 43	0 51	3 2	13 28	16 55	17 6	22 9	15 35	1 23
S 17	11 2	26 35	4 27	10 26	0 23	7 5	0n 2	14 2	1 34	10 30	1 28	21 56	0 1	5 21	0 47	22 43	0 51	3 3	13 28	16 58	17 7	22 11	15 34	1 23
M18	11 24	27 14	3 52	11 7	0 16	6 49	0 9	13 51	1 35	10 27	1 28	21 56	0 1	5 21	0 47	22 43	0 51	3 4	13 28	17 1	17 8	22 12	15 33	1 24
T 19	11 45	26 37	3 7	11 47	0 10	6 32	0 15	13 40	1 35	10 24	1 28	21 56	0 1	5 22	0 47	22 43	0 51	3 4	13 28	17 2	17 9	22 14	15 32	1 24
W20	12 6	24 43	2 13	12 27	0 3	6 15	0 21	13 28	1 36	10 21	1 28	21 56	0 1	5 23	0 47	22 43	0 51	3 5	13 28	17 3	17 10	22 16	15 31	1 24
T 21	12 27	21 36	1 12	13 6	0s 4	5 58	0 27	13 17	1 37	10 18	1 28	21 56	0 1	5 23	0 47	22 43	0 51	3 6	13 28	17 3	17 11	22 18	15 30	1 24
F 22	12 48	17 24	0 5	13 44	0 10	5 40	0 33	13 6	1 37	10 16	1 27	21 56	0 1	5 24	0 47	22 43	0 50	3 7	13 27	17 3	17 11	22 20	15 29	1 24
S 23	13 9	12 15	1s 4	14 22	0 17	5 21	0 38	12 54	1 38	10 13	1 27	21 56	0 0	5 24	0 47	22 43	0 50	3 8	13 27	17 3	17 12	22 22	15 28	1 24
S 24	13 29	6 20	2 12	14 59	0 23	5 3	0 44	12 43	1 39	10 10	1 27	21 56	0 0	5 25	0 47	22 43	0 50	3 9	13 27	17 4	17 13	22 23	15 27	1 24
M25	13 49	0s 4	3 14	15 35	0 30	4 43	0 49	12 31	1 39	10 7	1 27	21 56	0 0	5 25	0 47	22 43	0 50	3 9	13 27	17 5	17 14	22 25	15 26	1 24
T 26	14 9	6 41	4 6	16 11	0 36	4 24	0 54	12 20	1 40	10 5	1 27	21 56	0 0	5 26	0 47	22 43	0 50	3 10	13 27	17 7	17 15	22 27	15 25	1 24
W27	14 28	13 6	4 42	16 46	0 43	4 4	0 59	12 8	1 41	10 2	1 27	21 56	0 0	5 26	0 47	22 43	0 50	3 11	13 27	17 10	17 16	22 29	15 24	1 25
T 28	14 48	18 49	4 59	17 20	0 49	3 44	1 4	11 57	1 41	9 59	1 27	21 56	0n 0	5 27	0 47	22 43	0 50	3 12	13 27	17 13	17 17	22 31	15 23	1 25
F 29	15 7	23 21	4 55	17 53	0 55	3 23	1 9	11 45	1 42	9 57	1 27	21 56	0 0	5 27	0 47	22 43	0 50	3 12	13 27	17 16	17 18	22 32	15 22	1 25
S 30	15 26	26 13	4 29	18 25	1 1	3 3	1 13	11 34	1 43	9 54	1 26	21 56	0 0	5 28	0 47	22 43	0 50	3 13	13 27	17 19	17 19	22 34	15 21	1 25
S 31	15s45	27s 9	3s46	18s56	1s 7	2n41	1n18	11n22	1n43	9n52	1s26	21n56	0n 0	5s28	0s47	22s43	0n50	3s14	13n26	17s22	17s19	22n36	15n20	1s25

Julian Day Number = 2087676.5, Delta T = 24m05s
Ecliptic obliquity = 23°34'13, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'17, Lahiri = 9°58'17 Julian Calendar 1 Oct. 1003 == Greg. Calendar 7 Oct. 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

NOVEMBER 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 0 9	13♏44'23	7♉41	21♏38	27♍18	5♍27	28°R56	20°R55	18°R 1	2♉ 9	13♏53	11°R38	11♒49	19♉36	15°R51	M 1
T 2	3 4 6	14°45'05	21°45	23°11	28°22	5°59	28♈49	20♋54	18♓ 0	2°10	13°56	11♒35	11°46	19°43	15♉48	T 2
W 3	3 8 2	15°45'48	5♒21	24°43	29°26	6°32	28°41	20°54	17°59	2°12	13°58	11°34	11°43	19°49	15°45	W 3
T 4	3 11 59	16°46'33	18°31	26°16	0♎31	7° 5	28°34	20°53	17°59	2°14	14° 1	11°34	11°39	19°56	15°41	T 4
F 5	3 15 56	17°47'18	1♓18	27°48	1°36	7°37	28°27	20°52	17°58	2°16	14° 3	11°34	11°36	20° 3	15°38	F 5
S 6	3 19 52	18°48'05	13°47	29°20	2°41	8°10	28°19	20°51	17°57	2°17	14° 5	11°32	11°33	20°10	15°35	S 6
S 7	3 23 49	19°48'52	26° 3	0♐52	3°46	8°42	28°12	20°50	17°56	2°19	14° 8	11°27	11°30	20°16	15°32	S 7
M 8	3 27 45	20°49'41	8♈ 9	2°24	4°52	9°14	28° 5	20°49	17°55	2°21	14°10	11°19	11°27	20°23	15°29	M 8
T 9	3 31 42	21°50'30	20° 8	3°56	5°57	9°46	27°58	20°48	17°55	2°23	14°13	11° 9	11°24	20°30	15°25	T 9
W10	3 35 38	22°51'21	2♉ 4	5°27	7° 4	10°18	27°52	20°46	17°54	2°25	14°15	10°56	11°20	20°36	15°22	W10
T 11	3 39 35	23°52'13	13°57	6°58	8°10	10°50	27°45	20°45	17°53	2°26	14°17	10°41	11°17	20°43	15°19	T 11
F 12	3 43 31	24°53'06	25°49	8°29	9°17	11°21	27°39	20°43	17°53	2°28	14°20	10°27	11°14	20°50	15°16	F 12
S 13	3 47 28	25°54'00	7♊43	10° 0	10°24	11°53	27°32	20°41	17°52	2°30	14°22	10°13	11°11	20°57	15°13	S 13
S 14	3 51 25	26°54'56	19°38	11°30	11°31	12°24	27°26	20°39	17°52	2°32	14°25	10° 2	11° 8	21° 3	15°10	S 14
M15	3 55 21	27°55'52	1♋36	13° 0	12°38	12°56	27°20	20°38	17°52	2°34	14°27	9°53	11° 4	21°10	15° 6	M15
T 16	3 59 18	28°56'50	13°41	14°30	13°46	13°27	27°14	20°36	17°51	2°36	14°29	9°47	11° 1	21°17	15° 3	T 16
W17	4 3 14	29°57'49	25°54	15°59	14°54	13°58	27° 9	20°33	17°51	2°38	14°32	9°44	10°58	21°24	15° 0	W17
T 18	4 7 11	0♐58'49	8♌19	17°27	16° 2	14°29	27° 3	20°31	17°51	2°40	14°34	9°D43	10°55	21°30	14°57	T 18
F 19	4 11 7	1°59'50	21° 1	18°55	17°10	15° 0	26°58	20°29	17°51	2°42	14°36	9°43	10°52	21°37	14°54	F 19
S 20	4 15 4	3° 0'52	4♍ 3	20°22	18°18	15°30	26°52	20°26	17°50	2°44	14°39	9°R43	10°49	21°44	14°51	S 20
S 21	4 19 0	4° 1'56	17°30	21°48	19°27	16° 1	26°47	20°24	17°50	2°46	14°41	9°43	10°45	21°50	14°48	S 21
M22	4 22 57	5° 3'00	1♎24	23°13	20°36	16°31	26°42	20°21	17°D50	2°48	14°43	9°40	10°42	21°57	14°45	M22
T 23	4 26 54	6° 4'06	15°46	24°36	21°45	17° 1	26°38	20°18	17°50	2°50	14°45	9°34	10°39	22° 4	14°42	T 23
W24	4 30 50	7° 5'12	0♏33	25°58	22°54	17°31	26°33	20°16	17°50	2°52	14°48	9°27	10°36	22°11	14°39	W24
T 25	4 34 47	8° 6'20	15°40	27°19	24° 3	18° 1	26°29	20°13	17°50	2°54	14°50	9°17	10°33	22°17	14°36	T 25
F 26	4 38 43	9° 7'29	0♐57	28°37	25°13	18°31	26°25	20°10	17°51	2°57	14°52	9° 8	10°30	22°24	14°34	F 26
S 27	4 42 40	10° 8'38	16°13	29°52	26°22	19° 0	26°21	20° 7	17°51	2°59	14°54	8°59	10°26	22°31	14°31	S 27
S 28	4 46 36	11° 9'48	1♉17	1♉ 4	27°32	19°30	26°17	20° 3	17°51	3° 1	14°57	8°51	10°23	22°37	14°28	S 28
M29	4 50 33	12°10'58	16° 0	2°13	28°42	19°59	26°13	20° 0	17°52	3° 3	14°59	8°47	10°20	22°44	14°25	M29
T 30	4 54 30	13♐12'08	0♒15	3♉19	29♎52	20♍28	26♈10	19♋57	17♓52	3♉ 5	15♏ 1	8♒44	10♒17	22♉51	14♉22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s 3	26s 9	2s49	19s27	1s13	2n20	1n22	11n11	1n44	9n49	1s26	21n56	0n 0	5s28	0s47	22s43	0n50	3s15	13n26	17s23	17s20	22n38	15n19	1s25
T 2	16 21	23 29	1 43	19 56	1 19	1 58	1 26	10 59	1 45	9 46	1 26	21 57	0 1	5 29	0 47	22 43	0 50	3 15	13 26	17 24	17 21	22 39	15 18	1 25
W 3	16 39	19 34	0 33	20 25	1 24	1 36	1 30	10 48	1 46	9 44	1 26	21 57	0 1	5 29	0 47	22 43	0 50	3 16	13 26	17 24	17 22	22 41	15 17	1 25
T 4	16 56	14 47	0n37	20 52	1 30	1 14	1 34	10 36	1 46	9 41	1 26	21 57	0 1	5 29	0 46	22 43	0 50	3 17	13 26	17 24	17 23	22 43	15 16	1 25
F 5	17 14	9 29	1 42	21 19	1 35	0 51	1 38	10 25	1 47	9 39	1 25	21 57	0 1	5 30	0 46	22 43	0 50	3 18	13 26	17 25	17 24	22 45	15 15	1 25
S 6	17 31	3 56	2 41	21 44	1 40	0 29	1 41	10 13	1 48	9 37	1 25	21 58	0 1	5 30	0 46	22 43	0 50	3 18	13 26	17 25	17 25	22 46	15 14	1 26
S 7	17 47	1n39	3 32	22 9	1 44	0 6	1 45	10 2	1 48	9 34	1 25	21 58	0 1	5 30	0 46	22 43	0 50	3 19	13 26	17 26	17 26	22 48	15 13	1 26
M 8	18 4	7 6	4 12	22 32	1 49	0s17	1 48	9 50	1 49	9 32	1 25	21 58	0 1	5 31	0 46	22 43	0 50	3 20	13 26	17 29	17 27	22 50	15 12	1 26
T 9	18 20	12 14	4 40	22 54	1 53	0 41	1 51	9 39	1 50	9 30	1 24	21 58	0 1	5 31	0 46	22 43	0 50	3 20	13 26	17 31	17 27	22 52	15 11	1 26
W10	18 35	16 53	4 56	23 15	1 57	1 4	1 54	9 27	1 51	9 28	1 24	21 59	0 1	5 31	0 46	22 43	0 50	3 21	13 26	17 35	17 28	22 53	15 10	1 26
T 11	18 51	20 52	4 59	23 35	2 1	1 28	1 57	9 16	1 51	9 25	1 24	21 59	0 2	5 31	0 46	22 43	0 50	3 22	13 26	17 39	17 29	22 55	15 9	1 26
F 12	19 6	24 0	4 49	23 53	2 5	1 52	1 59	9 4	1 52	9 23	1 24	21 59	0 2	5 31	0 46	22 43	0 50	3 22	13 26	17 43	17 30	22 57	15 8	1 26
S 13	19 20	26 6	4 27	24 11	2 8	2 16	2 2	8 53	1 53	9 21	1 24	22 0	0 2	5 32	0 46	22 43	0 50	3 23	13 26	17 47	17 31	22 58	15 7	1 26
S 14	19 34	27 1	3 52	24 27	2 11	2 40	2 4	8 41	1 53	9 19	1 23	22 0	0 2	5 32	0 46	22 43	0 50	3 24	13 26	17 50	17 32	23 0	15 6	1 26
M15	19 48	26 41	3 7	24 41	2 13	3 5	2 7	8 30	1 54	9 17	1 23	22 1	0 2	5 32	0 46	22 43	0 50	3 24	13 26	17 52	17 33	23 2	15 5	1 26
T 16	20 2	25 5	2 13	24 54	2 15	3 29	2 9	8 19	1 55	9 16	1 23	22 1	0 2	5 32	0 46	22 43	0 50	3 25	13 26	17 54	17 34	23 3	15 4	1 26
W17	20 15	22 16	1 13	25 6	2 17	3 54	2 11	8 7	1 56	9 14	1 23	22 1	0 2	5 32	0 46	22 43	0 50	3 25	13 26	17 55	17 34	23 5	15 3	1 26
T 18	20 28	18 24	0 7	25 16	2 18	4 18	2 13	7 56	1 56	9 12	1 22	22 2	0 2	5 32	0 46	22 43	0 50	3 26	13 26	17 55	17 35	23 7	15 2	1 27
F 19	20 40	13 38	1s 0	25 25	2 19	4 43	2 14	7 45	1 57	9 10	1 22	22 2	0 2	5 32	0 46	22 43	0 50	3 27	13 26	17 55	17 36	23 8	15 1	1 27
S 20	20 52	8 8	2 6	25 32	2 20	5 7	2 16	7 33	1 58	9 9	1 22	22 3	0 3	5 32	0 46	22 43	0 50	3 27	13 26	17 55	17 37	23 10	15 0	1 27
S 21	21 4	2 6	3 7	25 38	2 19	5 32	2 17	7 22	1 59	9 7	1 21	22 3	0 3	5 32	0 46	22 43	0 50	3 28	13 27	17 55	17 38	23 12	14 59	1 27
M22	21 15	4s13	3 59	25 42	2 19	5 57	2 19	7 11	1 59	9 6	1 21	22 4	0 3	5 32	0 46	22 43	0 50	3 28	13 27	17 56	17 39	23 13	14 58	1 27
T 23	21 26	10 30	4 38	25 45	2 17	6 22	2 20	7 0	2 0	9 4	1 21	22 4	0 3	5 32	0 46	22 43	0 50	3 29	13 27	17 57	17 40	23 15	14 57	1 27
W24	21 37	16 24	5 0	25 46	2 15	6 46	2 21	6 49	2 1	9 3	1 21	22 5	0 3	5 32	0 46	22 43	0 50	3 29	13 27	17 59	17 40	23 17	14 56	1 27
T 25	21 47	21 25	5 2	25 45	2 12	7 11	2 22	6 38	2 2	9 1	1 20	22 5	0 3	5 32	0 46	22 43	0 50	3 30	13 27	18 2	17 41	23 18	14 55	1 27
F 26	21 56	25 3	4 42	25 43	2 9	7 36	2 23	6 27	2 3	9 0	1 20	22 6	0 3	5 32	0 46	22 43	0 50	3 30	13 27	18 4	17 42	23 20	14 55	1 27
S 27	22 6	26 52	4 2	25 39	2 5	8 0	2 23	6 16	2 3	8 59	1 20	22 7	0 3	5 32	0 46	22 43	0 49	3 31	13 27	18 7	17 43	23 21	14 54	1 27
S 28	22 14	26 40	3 6	25 33	1 59	8 25	2 24	6 5	2 4	8 58	1 19	22 7	0 3	5 31	0 46	22 43	0 49	3 31	13 27	18 9	17 44	23 23	14 53	1 27
M29	22 23	24 34	1 59	25 26	1 53	8 50	2 24	5 54	2 5	8 57	1 19	22 8	0 4	5 31	0 45	22 43	0 49	3 32	13 27	18 10	17 45	23 25	14 52	1 27
T 30	22s30	20s57	0s45	25s18	1s46	9s14	2n25	5n43	2n 6	8n56	1s19	22n 8	0n 4	5s31	0s45	22s43	0n49	3s32	13n28	18s10	17s46	23n26	14n51	1s27

Julian Day Number = 2087707.5, Delta T = 24m04s
Ecliptic obliquity = 23°34'12, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'21, Lahiri = 9°58'22 Julian Calendar 1 Nov. 1003 == Greg. Calendar 7 Nov. 1003

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ASTRODIENST EPHEMERIS for the year 1003
geocentric

DECEMBER 1003 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 58 26	14♐13'19	14♒ 2	4♑19	1♏ 2	20♍57	26°R 7	19°R53	17♓52	3♑ 7	15♏ 3	8°D44	10♒14	22♉58	14°R20	W 1
T 2	5 2 23	15°14'30	27°20	5°14	2°13	21°26	26♈ 4	19♋50	17°53	3° 9	15° 5	8♒45	10°10	23° 4	14♉17	T 2
F 3	5 6 19	16°15'41	10♓13	6° 3	3°23	21°54	26° 1	19°46	17°53	3°12	15° 7	8°R46	10° 7	23°11	14°15	F 3
S 4	5 10 16	17°16'52	22°44	6°45	4°34	22°22	25°59	19°42	17°54	3°14	15°10	8°46	10° 4	23°18	14°12	S 4
S 5	5 14 12	18°18'03	4♈59	7°19	5°44	22°51	25°56	19°39	17°55	3°16	15°12	8°44	10° 1	23°25	14° 9	S 5
M 6	5 18 9	19°19'14	17° 2	7°44	6°55	23°19	25°54	19°35	17°55	3°18	15°14	8°40	9°58	23°31	14° 7	M 6
T 7	5 22 5	20°20'25	28°58	8° 0	8° 6	23°46	25°52	19°31	17°56	3°20	15°16	8°34	9°55	23°38	14° 5	T 7
W 8	5 26 2	21°21'36	10♉50	8°R 6	9°17	24°14	25°50	19°27	17°57	3°23	15°18	8°26	9°51	23°45	14° 2	W 8
T 9	5 29 59	22°22'47	22°42	8° 0	10°28	24°41	25°49	19°23	17°58	3°25	15°20	8°17	9°48	23°51	14° 0	T 9
F 10	5 33 55	23°23'58	4♊35	7°42	11°39	25° 8	25°47	19°19	17°59	3°27	15°22	8° 8	9°45	23°58	13°58	F 10
S 11	5 37 52	24°25'09	16°32	7°13	12°51	25°35	25°46	19°14	18° 0	3°29	15°24	7°59	9°42	24° 5	13°55	S 11
S 12	5 41 48	25°26'20	28°34	6°32	14° 2	26° 2	25°45	19°10	18° 1	3°32	15°26	7°52	9°39	24°12	13°53	S 12
M13	5 45 45	26°27'32	10♋43	5°40	15°14	26°28	25°45	19° 6	18° 2	3°34	15°28	7°47	9°36	24°18	13°51	M13
T 14	5 49 41	27°28'43	22°59	4°38	16°25	26°55	25°44	19° 2	18° 3	3°36	15°30	7°43	9°32	24°25	13°49	T 14
W15	5 53 38	28°29'54	5♌24	3°27	17°37	27°21	25°44	18°57	18° 4	3°38	15°32	7°D42	9°29	24°32	13°47	W15
T 16	5 57 34	29°31'05	18° 1	2°11	18°49	27°46	25°D44	18°53	18° 5	3°41	15°34	7°42	9°26	24°38	13°45	T 16
F 17	6 1 31	0♑32'17	0♍51	0°51	20° 1	28°12	25°44	18°48	18° 6	3°43	15°35	7°44	9°23	24°45	13°43	F 17
S 18	6 5 28	1°33'28	13°58	29♐31	21°13	28°37	25°44	18°44	18° 8	3°45	15°37	7°46	9°20	24°52	13°41	S 18
S 19	6 9 24	2°34'40	27°23	28°12	22°25	29° 2	25°44	18°39	18° 9	3°48	15°39	7°R47	9°16	24°59	13°39	S 19
M20	6 13 21	3°35'51	11♎ 8	26°57	23°37	29°27	25°45	18°34	18°10	3°50	15°41	7°46	9°13	25° 5	13°37	M20
T 21	6 17 17	4°37'03	25°15	25°48	24°49	29°52	25°46	18°30	18°12	3°52	15°43	7°45	9°10	25°12	13°36	T 21
W22	6 21 14	5°38'14	9♏43	24°46	26° 1	0♎16	25°47	18°25	18°13	3°54	15°44	7°42	9° 7	25°19	13°34	W22
T 23	6 25 10	6°39'26	24°27	23°54	27°14	0°40	25°49	18°20	18°15	3°57	15°46	7°38	9° 4	25°25	13°32	T 23
F 24	6 29 7	7°40'37	9♐22	23°10	28°26	1° 3	25°50	18°15	18°16	3°59	15°48	7°33	9° 1	25°32	13°31	F 24
S 25	6 33 3	8°41'48	24°19	22°37	29°39	1°27	25°52	18°10	18°18	4° 1	15°49	7°29	8°57	25°39	13°29	S 25
S 26	6 37 0	9°42'59	9♑10	22°13	0♐51	1°50	25°54	18° 6	18°20	4° 4	15°51	7°25	8°54	25°46	13°28	S 26
M27	6 40 57	10°44'09	23°47	21°59	2° 4	2°13	25°56	18° 1	18°21	4° 6	15°53	7°23	8°51	25°52	13°27	M27
T 28	6 44 53	11°45'19	8♒ 4	21°D53	3°16	2°35	25°58	17°56	18°23	4° 8	15°54	7°D23	8°48	25°59	13°25	T 28
W29	6 48 50	12°46'27	21°55	21°57	4°29	2°57	26° 1	17°51	18°25	4°10	15°56	7°23	8°45	26° 6	13°24	W29
T 30	6 52 46	13°47'35	5♓20	22° 8	5°42	3°19	26° 4	17°46	18°27	4°13	15°57	7°25	8°42	26°13	13°23	T 30
F 31	6 56 43	14♑48'42	18♓21	22♐26	6♐54	3♎40	26♈ 7	17♋41	18♓29	4♑15	15♏59	7♒26	8♒38	26♉19	13♉22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s38	16s15	0n28	25s 8	1s38	9s38	2n25	5n33	2n 7	8n55	1s19	22n 9	0n 4	5s31	0s45	22s43	0n49	3s33	13n28	18s10	17s47	23n28	14n50	1s27
T 2	22 45	10 56	1 38	24 57	1 29	10 2	2 25	5 22	2 7	8 54	1 18	22 10	0 4	5 31	0 45	22 43	0 49	3 33	13 28	18 10	17 47	23 29	14 49	1 27
F 3	22 51	5 18	2 41	24 44	1 19	10 26	2 25	5 11	2 8	8 54	1 18	22 10	0 4	5 30	0 45	22 42	0 49	3 34	13 28	18 10	17 48	23 31	14 49	1 27
S 4	22 57	0n22	3 34	24 31	1 7	10 50	2 25	5 1	2 9	8 53	1 18	22 11	0 4	5 30	0 45	22 42	0 49	3 34	13 28	18 10	17 49	23 32	14 48	1 27
S 5	23 3	5 54	4 16	24 16	0 54	11 14	2 25	4 50	2 10	8 52	1 17	22 12	0 4	5 30	0 45	22 42	0 49	3 35	13 28	18 10	17 50	23 34	14 47	1 27
M 6	23 8	11 7	4 46	24 0	0 40	11 38	2 24	4 40	2 11	8 52	1 17	22 12	0 4	5 30	0 45	22 42	0 49	3 35	13 29	18 11	17 51	23 36	14 46	1 27
T 7	23 13	15 52	5 3	23 44	0 25	12 1	2 24	4 30	2 12	8 51	1 17	22 13	0 4	5 29	0 45	22 42	0 49	3 35	13 29	18 13	17 52	23 37	14 46	1 27
W 8	23 17	20 0	5 7	23 27	0 8	12 24	2 23	4 20	2 12	8 51	1 16	22 14	0 5	5 29	0 45	22 42	0 49	3 36	13 29	18 15	17 53	23 39	14 45	1 27
T 9	23 21	23 20	4 57	23 10	0n10	12 47	2 23	4 9	2 13	8 51	1 16	22 14	0 5	5 28	0 45	22 42	0 49	3 36	13 29	18 17	17 53	23 40	14 44	1 28
F 10	23 24	25 41	4 35	22 52	0 28	13 10	2 22	3 59	2 14	8 51	1 16	22 15	0 5	5 28	0 45	22 42	0 49	3 36	13 29	18 20	17 54	23 42	14 43	1 28
S 11	23 27	26 53	4 1	22 35	0 48	13 32	2 21	3 49	2 15	8 50	1 15	22 16	0 5	5 28	0 45	22 42	0 49	3 37	13 30	18 22	17 55	23 43	14 43	1 28
S 12	23 29	26 49	3 16	22 17	1 7	13 55	2 20	3 40	2 16	8 50	1 15	22 16	0 5	5 27	0 45	22 42	0 49	3 37	13 30	18 24	17 56	23 45	14 42	1 28
M13	23 31	25 29	2 21	22 0	1 27	14 17	2 19	3 30	2 17	8 50	1 15	22 17	0 5	5 27	0 45	22 42	0 49	3 37	13 30	18 25	17 57	23 46	14 41	1 28
T 14	23 33	22 54	1 19	21 43	1 46	14 38	2 18	3 20	2 17	8 50	1 15	22 18	0 5	5 26	0 45	22 42	0 49	3 38	13 30	18 26	17 58	23 48	14 41	1 28
W15	23 34	19 13	0 12	21 27	2 5	15 0	2 16	3 11	2 18	8 51	1 14	22 19	0 5	5 26	0 45	22 42	0 49	3 38	13 30	18 27	17 59	23 49	14 40	1 28
T 16	23 34	14 38	0s56	21 11	2 22	15 21	2 15	3 1	2 19	8 51	1 14	22 19	0 5	5 25	0 45	22 42	0 49	3 38	13 31	18 27	17 59	23 51	14 39	1 28
F 17	23 34	9 19	2 3	20 57	2 37	15 42	2 14	2 52	2 20	8 51	1 14	22 20	0 6	5 25	0 45	22 42	0 49	3 39	13 31	18 26	18 0	23 52	14 39	1 28
S 18	23 34	3 30	3 5	20 44	2 51	16 2	2 12	2 42	2 21	8 52	1 13	22 21	0 6	5 24	0 45	22 42	0 49	3 39	13 31	18 26	18 1	23 53	14 38	1 28
S 19	23 33	2s35	3 58	20 32	3 1	16 22	2 11	2 33	2 22	8 52	1 13	22 22	0 6	5 24	0 45	22 42	0 49	3 39	13 31	18 25	18 2	23 55	14 38	1 28
M20	23 31	8 42	4 39	20 22	3 10	16 42	2 9	2 24	2 23	8 53	1 13	22 22	0 6	5 23	0 45	22 42	0 49	3 39	13 32	18 26	18 3	23 56	14 37	1 28
T 21	23 29	14 33	5 5	20 14	3 16	17 1	2 7	2 15	2 24	8 53	1 12	22 23	0 6	5 23	0 45	22 42	0 49	3 39	13 32	18 26	18 4	23 58	14 37	1 28
W22	23 27	19 43	5 12	20 9	3 20	17 20	2 5	2 6	2 25	8 54	1 12	22 24	0 6	5 22	0 45	22 42	0 49	3 40	13 32	18 27	18 4	23 59	14 36	1 28
T 23	23 24	23 48	4 59	20 5	3 21	17 39	2 4	1 57	2 25	8 55	1 12	22 25	0 6	5 21	0 45	22 42	0 49	3 40	13 33	18 28	18 5	24 1	14 36	1 28
F 24	23 21	26 21	4 26	20 4	3 20	17 57	2 2	1 49	2 26	8 56	1 11	22 25	0 6	5 21	0 44	22 41	0 49	3 40	13 33	18 29	18 6	24 2	14 35	1 28
S 25	23 17	27 1	3 34	20 4	3 18	18 14	2 0	1 40	2 27	8 57	1 11	22 26	0 6	5 20	0 44	22 41	0 49	3 40	13 33	18 30	18 7	24 4	14 35	1 28
S 26	23 13	25 43	2 28	20 7	3 14	18 31	1 57	1 32	2 28	8 58	1 11	22 27	0 7	5 19	0 44	22 41	0 49	3 40	13 33	18 31	18 8	24 5	14 34	1 28
M27	23 8	22 40	1 14	20 12	3 8	18 48	1 55	1 24	2 29	8 59	1 10	22 28	0 7	5 19	0 44	22 41	0 49	3 41	13 34	18 31	18 9	24 6	14 34	1 28
T 28	23 3	18 17	0n 4	20 18	3 2	19 4	1 53	1 16	2 30	9 0	1 10	22 28	0 7	5 18	0 44	22 41	0 49	3 41	13 34	18 32	18 9	24 8	14 33	1 28
W29	22 57	13 2	1 19	20 26	2 54	19 20	1 51	1 8	2 31	9 1	1 10	22 29	0 7	5 17	0 44	22 41	0 49	3 41	13 34	18 31	18 10	24 9	14 33	1 28
T 30	22 51	7 19	2 28	20 34	2 46	19 36	1 48	1 0	2 32	9 2	1 9	22 30	0 7	5 16	0 44	22 41	0 49	3 41	13 35	18 31	18 11	24 10	14 33	1 28
F 31	22s44	1s28	3n27	20s44	2n37	19s50	1n46	0n52	2n33	9n 4	1s 9	22n31	0n 7	5s16	0s44	22s41	0n49	3s41	13n35	18s31	18s12	24n12	14n32	1s28

Julian Day Number = 2087737.5, Delta T = 24m04s
Ecliptic obliquity = 23°34'11, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'25, Lahiri = 9°58'26 Julian Calendar 1 Dec. 1003 == Greg. Calendar 7 Dec. 1003

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

JANUARY 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 0 39	15♑49'48	0♈59	22♐50	8♐ 7	4♎ 2	26♈10	17°R36	18♓31	4♑17	16♏ 0	7♒28	8♒35	26♉26	13°R21	S 1
S 2	7 4 36	16°50'52	13°18	23°21	9°20	4°22	26°13	17♋31	18°33	4°19	16° 2	7°R28	8°32	26°33	13♉20	S 2
M 3	7 8 33	17°51'56	25°24	23°57	10°33	4°43	26°17	17°26	18°35	4°22	16° 3	7°28	8°29	26°39	13°19	M 3
T 4	7 12 29	18°52'59	7♉20	24°39	11°46	5° 3	26°21	17°21	18°37	4°24	16° 4	7°27	8°26	26°46	13°18	T 4
W 5	7 16 26	19°54'00	19°12	25°24	12°59	5°23	26°24	17°16	18°39	4°26	16° 6	7°25	8°22	26°53	13°17	W 5
T 6	7 20 22	20°55'01	1♊ 4	26°14	14°12	5°42	26°29	17°11	18°41	4°28	16° 7	7°23	8°19	27° 0	13°16	T 6
F 7	7 24 19	21°56'00	12°59	27° 7	15°25	6° 1	26°33	17° 7	18°43	4°30	16° 8	7°20	8°16	27° 6	13°16	F 7
S 8	7 28 15	22°56'59	25° 0	28° 4	16°38	6°20	26°37	17° 2	18°45	4°33	16°10	7°18	8°13	27°13	13°15	S 8
S 9	7 32 12	23°57'56	7♋10	29° 4	17°51	6°38	26°42	16°57	18°48	4°35	16°11	7°16	8°10	27°20	13°15	S 9
M10	7 36 8	24°58'52	19°31	0♌ 6	19° 4	6°55	26°47	16°52	18°50	4°37	16°12	7°14	8° 7	27°26	13°14	M10
T 11	7 40 5	25°59'47	2♌ 3	1°11	20°17	7°13	26°52	16°47	18°52	4°39	16°13	7°D14	8° 3	27°33	13°14	T 11
W12	7 44 2	27° 0'41	14°48	2°19	21°31	7°30	26°57	16°42	18°55	4°41	16°14	7°14	8° 0	27°40	13°13	W12
T 13	7 47 58	28° 1'34	27°45	3°28	22°44	7°46	27° 3	16°37	18°57	4°43	16°15	7°14	7°57	27°47	13°13	T 13
F 14	7 51 55	29° 2'25	10♍56	4°39	23°57	8° 2	27° 8	16°33	19° 0	4°45	16°16	7°15	7°54	27°53	13°13	F 14
S 15	7 55 51	0♒ 3'16	24°19	5°52	25°11	8°18	27°14	16°28	19° 2	4°48	16°17	7°16	7°51	28° 0	13°13	S 15
S 16	7 59 48	1° 4'06	7♎56	7° 7	26°24	8°33	27°20	16°23	19° 5	4°50	16°18	7°17	7°48	28° 7	13°13	S 16
M17	8 3 44	2° 4'55	21°46	8°24	27°37	8°48	27°26	16°19	19° 7	4°52	16°19	7°17	7°44	28°13	13°D13	M17
T 18	8 7 41	3° 5'42	5♏48	9°41	28°51	9° 2	27°32	16°14	19°10	4°54	16°20	7°R17	7°41	28°20	13°13	T 18
W19	8 11 37	4° 6'29	20° 1	11° 1	0♐ 4	9°15	27°38	16° 9	19°12	4°56	16°21	7°17	7°38	28°27	13°13	W19
T 20	8 15 34	5° 7'15	4♐23	12°21	1°18	9°28	27°45	16° 5	19°15	4°58	16°22	7°17	7°35	28°34	13°13	T 20
F 21	8 19 31	6° 8'00	18°50	13°43	2°31	9°41	27°52	16° 0	19°18	5° 0	16°23	7°17	7°32	28°40	13°13	F 21
S 22	8 23 27	7° 8'44	3♑18	15° 6	3°45	9°53	27°59	15°56	19°21	5° 2	16°24	7°D16	7°28	28°47	13°14	S 22
S 23	8 27 24	8° 9'26	17°42	16°30	4°58	10° 5	28° 6	15°52	19°23	5° 4	16°24	7°17	7°25	28°54	13°14	S 23
M24	8 31 20	9°10'07	1♒57	17°55	6°12	10°16	28°13	15°47	19°26	5° 6	16°25	7°R17	7°22	29° 0	13°15	M24
T 25	8 35 17	10°10'47	15°58	19°21	7°25	10°26	28°20	15°43	19°29	5° 8	16°26	7°17	7°19	29° 7	13°15	T 25
W26	8 39 13	11°11'24	29°41	20°48	8°39	10°36	28°28	15°39	19°32	5°10	16°27	7°16	7°16	29°14	13°16	W26
T 27	8 43 10	12°12'01	13♓ 3	22°16	9°52	10°45	28°35	15°35	19°35	5°12	16°27	7°16	7°13	29°21	13°16	T 27
F 28	8 47 6	13°12'35	26° 5	23°46	11° 6	10°54	28°43	15°30	19°38	5°14	16°28	7°15	7° 9	29°27	13°17	F 28
S 29	8 51 3	14°13'08	8♈46	25°16	12°19	11° 2	28°51	15°26	19°40	5°16	16°28	7°14	7° 6	29°34	13°18	S 29
S 30	8 55 0	15°13'39	21° 9	26°47	13°33	11° 9	28°59	15°22	19°43	5°17	16°29	7°13	7° 3	29°41	13°19	S 30
M31	8 58 56	16♒14'08	3♉18	28♑19	14♑47	11♎16	29♈ 8	15♋19	19♓46	5♑19	16♏29	7♒13	7♒ 0	29♉47	13♉20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s38	4n16	4n14	20s55	2n28	20s 5	1n44	0n45	2n34	9n 5	1s 9	22n31	0n 7	5s15	0s44	22s41	0n49	3s41	13n35	18s30	18s13	24n13	14n32	1s28
S 2	22 30	9 41	4 48	21 6	2 19	20 18	1 41	0 37	2 35	9 7	1 9	22 32	0 7	5 14	0 44	22 41	0 49	3 41	13 36	18 30	18 14	24 15	14 32	1 28
M 3	22 22	14 39	5 8	21 17	2 9	20 32	1 39	0 30	2 36	9 8	1 8	22 33	0 7	5 13	0 44	22 41	0 49	3 41	13 36	18 30	18 14	24 16	14 31	1 28
T 4	22 14	18 59	5 15	21 29	1 59	20 44	1 36	0 23	2 37	9 10	1 8	22 34	0 8	5 12	0 44	22 41	0 49	3 41	13 36	18 30	18 15	24 17	14 31	1 28
W 5	22 5	22 34	5 9	21 41	1 49	20 56	1 33	0 16	2 38	9 12	1 8	22 34	0 8	5 11	0 44	22 41	0 49	3 41	13 37	18 31	18 16	24 19	14 31	1 28
T 6	21 56	25 11	4 49	21 52	1 39	21 8	1 31	0 9	2 39	9 13	1 7	22 35	0 8	5 10	0 44	22 41	0 49	3 41	13 37	18 32	18 17	24 20	14 31	1 28
F 7	21 46	26 43	4 17	22 4	1 29	21 19	1 28	0 2	2 40	9 15	1 7	22 36	0 8	5 10	0 44	22 41	0 49	3 41	13 37	18 32	18 18	24 21	14 30	1 28
S 8	21 36	27 1	3 33	22 15	1 19	21 29	1 25	0s 4	2 41	9 17	1 7	22 37	0 8	5 9	0 44	22 40	0 49	3 41	13 38	18 33	18 19	24 23	14 30	1 28
S 9	21 26	26 1	2 39	22 25	1 9	21 39	1 22	0 10	2 42	9 19	1 6	22 37	0 8	5 8	0 44	22 40	0 49	3 41	13 38	18 33	18 19	24 24	14 30	1 28
M10	21 15	23 44	1 37	22 35	0 59	21 48	1 19	0 17	2 43	9 21	1 6	22 38	0 8	5 7	0 44	22 40	0 49	3 41	13 38	18 34	18 20	24 25	14 30	1 28
T 11	21 4	20 17	0 29	22 44	0 49	21 56	1 17	0 23	2 44	9 23	1 6	22 39	0 8	5 6	0 44	22 40	0 49	3 41	13 39	18 34	18 21	24 26	14 30	1 28
W12	20 52	15 49	0s42	22 53	0 40	22 4	1 14	0 28	2 45	9 25	1 6	22 39	0 8	5 5	0 44	22 40	0 49	3 41	13 39	18 34	18 22	24 28	14 30	1 28
T 13	20 40	10 35	1 51	23 1	0 31	22 12	1 11	0 34	2 45	9 28	1 5	22 40	0 9	5 4	0 44	22 40	0 49	3 41	13 40	18 34	18 23	24 29	14 30	1 28
F 14	20 28	4 48	2 56	23 8	0 21	22 18	1 8	0 39	2 46	9 30	1 5	22 41	0 9	5 3	0 44	22 40	0 49	3 41	13 40	18 34	18 24	24 30	14 30	1 28
S 15	20 15	1s17	3 52	23 14	0 12	22 24	1 5	0 45	2 47	9 32	1 5	22 42	0 9	5 2	0 44	22 40	0 49	3 41	13 40	18 33	18 24	24 32	14 30	1 28
S 16	20 2	7 24	4 37	23 19	0 4	22 30	1 2	0 50	2 48	9 35	1 4	22 42	0 9	5 1	0 44	22 40	0 49	3 41	13 41	18 33	18 25	24 33	14 30	1 28
M17	19 48	13 14	5 6	23 23	0s 5	22 34	0 59	0 55	2 49	9 37	1 4	22 43	0 9	5 0	0 44	22 40	0 49	3 41	13 41	18 33	18 26	24 34	14 30	1 28
T 18	19 34	18 30	5 17	23 26	0 13	22 38	0 56	0 59	2 50	9 40	1 4	22 44	0 9	4 59	0 44	22 40	0 49	3 41	13 41	18 33	18 27	24 35	14 30	1 28
W19	19 20	22 48	5 9	23 28	0 21	22 42	0 53	1 4	2 51	9 42	1 4	22 44	0 9	4 58	0 44	22 40	0 49	3 41	13 42	18 33	18 28	24 37	14 30	1 28
T 20	19 5	25 45	4 42	23 29	0 29	22 44	0 50	1 8	2 52	9 45	1 3	22 45	0 9	4 57	0 44	22 40	0 49	3 40	13 42	18 33	18 29	24 38	14 30	1 28
F 21	18 50	27 3	3 58	23 28	0 37	22 46	0 46	1 12	2 53	9 47	1 3	22 46	0 9	4 56	0 44	22 39	0 49	3 40	13 43	18 33	18 29	24 39	14 30	1 28
S 22	18 35	26 29	2 58	23 27	0 44	22 48	0 43	1 16	2 54	9 50	1 3	22 46	0 9	4 54	0 44	22 39	0 49	3 40	13 43	18 33	18 30	24 40	14 30	1 28
S 23	18 20	24 9	1 47	23 24	0 51	22 48	0 40	1 20	2 55	9 53	1 2	22 47	0 10	4 53	0 44	22 39	0 49	3 40	13 43	18 33	18 31	24 41	14 30	1 28
M24	18 4	20 19	0 30	23 19	0 58	22 48	0 37	1 23	2 56	9 56	1 2	22 47	0 10	4 52	0 43	22 39	0 49	3 40	13 44	18 33	18 32	24 43	14 30	1 28
T 25	17 47	15 22	0n48	23 14	1 5	22 48	0 34	1 26	2 57	9 59	1 2	22 48	0 10	4 51	0 43	22 39	0 49	3 39	13 44	18 33	18 33	24 44	14 30	1 28
W26	17 31	9 45	2 1	23 7	1 11	22 46	0 31	1 29	2 58	10 2	1 2	22 49	0 10	4 50	0 43	22 39	0 49	3 39	13 45	18 33	18 33	24 45	14 31	1 28
T 27	17 14	3 50	3 6	22 59	1 17	22 44	0 28	1 32	2 59	10 5	1 1	22 49	0 10	4 49	0 43	22 39	0 49	3 39	13 45	18 33	18 34	24 46	14 31	1 28
F 28	16 57	2n 5	3 59	22 49	1 23	22 41	0 25	1 34	3 0	10 8	1 1	22 50	0 10	4 48	0 43	22 39	0 49	3 39	13 45	18 34	18 35	24 47	14 31	1 28
S 29	16 39	7 45	4 39	22 39	1 28	22 38	0 22	1 37	3 1	10 11	1 1	22 50	0 10	4 46	0 43	22 39	0 49	3 39	13 46	18 34	18 36	24 49	14 31	1 28
S 30	16 21	13 0	5 4	22 26	1 33	22 34	0 19	1 39	3 2	10 14	1 1	22 51	0 10	4 45	0 43	22 39	0 49	3 38	13 46	18 34	18 37	24 50	14 32	1 28
M31	16s 3	17n37	5n16	22s12	1s38	22s29	0n16	1s40	3n 3	10n17	1s 0	22n51	0n10	4s44	0s43	22s39	0n49	3s38	13n47	18s34	18s37	24n51	14n32	1s28

Julian Day Number = 2087768.5, Delta T = 24m04s
Ecliptic obliquity = 23°34'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'29, Lahiri = 9°58'30 Julian Calendar 1 Jan. 1004 == Greg. Calendar 7 Jan. 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

FEBRUARY 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 2 53	17♒14'35	15♉17	29♉52	16♉ 0	11♎22	29♈16	15°R15	19♓49	5♉21	16♏30	7°D12	6♒57	29♉54	13♉21	T 1
W 2	9 6 49	18°15'00	27°10	1♒26	17°14	11°27	29°24	15♋11	19°52	5°23	16°30	7♒13	6°54	0♊ 1	13°22	W 2
T 3	9 10 46	19°15'23	9♊ 2	3° 1	18°28	11°32	29°33	15° 7	19°55	5°25	16°30	7°13	6°50	0° 8	13°23	T 3
F 4	9 14 42	20°15'44	20°57	4°37	19°41	11°36	29°42	15° 4	19°59	5°26	16°31	7°14	6°47	0°14	13°24	F 4
S 5	9 18 39	21°16'04	3♋ 1	6°14	20°55	11°40	29°51	15° 0	20° 2	5°28	16°31	7°16	6°44	0°21	13°25	S 5
S 6	9 22 35	22°16'21	15°17	7°52	22° 9	11°43	29°59	14°57	20° 5	5°30	16°31	7°17	6°41	0°28	13°27	S 6
M 7	9 26 32	23°16'36	27°47	9°31	23°22	11°45	0♉ 9	14°54	20° 8	5°31	16°32	7°18	6°38	0°34	13°28	M 7
T 8	9 30 29	24°16'50	10♌34	11°11	24°36	11°46	0°18	14°50	20°11	5°33	16°32	7°R18	6°34	0°41	13°29	T 8
W 9	9 34 25	25°17'01	23°39	12°52	25°50	11°R47	0°28	14°47	20°14	5°35	16°32	7°17	6°31	0°48	13°31	W 9
T 10	9 38 22	26°17'11	7♍ 1	14°34	27° 3	11°47	0°37	14°44	20°17	5°36	16°32	7°16	6°28	0°55	13°33	T 10
F 11	9 42 18	27°17'18	20°39	16°17	28°17	11°46	0°47	14°41	20°21	5°38	16°32	7°13	6°25	1° 1	13°34	F 11
S 12	9 46 15	28°17'24	4♎29	18° 1	29°31	11°44	0°57	14°38	20°24	5°40	16°32	7°10	6°22	1° 8	13°36	S 12
S 13	9 50 11	29°17'29	18°30	19°46	0♒45	11°42	1° 7	14°35	20°27	5°41	16°R32	7° 7	6°19	1°15	13°38	S 13
M14	9 54 8	0♓17'31	2♏37	21°33	1°58	11°39	1°17	14°33	20°30	5°43	16°32	7° 4	6°15	1°21	13°39	M14
T 15	9 58 4	1°17'32	16°48	23°20	3°12	11°35	1°27	14°30	20°34	5°44	16°32	7° 3	6°12	1°28	13°41	T 15
W16	10 2 1	2°17'31	1♐ 0	25° 8	4°26	11°30	1°37	14°28	20°37	5°46	16°32	7°D 2	6° 9	1°35	13°43	W16
T 17	10 5 58	3°17'29	15°11	26°58	5°40	11°25	1°47	14°25	20°40	5°47	16°32	7° 2	6° 6	1°42	13°45	T 17
F 18	10 9 54	4°17'26	29°18	28°49	6°54	11°19	1°58	14°23	20°44	5°48	16°32	7° 4	6° 3	1°48	13°47	F 18
S 19	10 13 51	5°17'20	13♉19	0♓41	8° 7	11°12	2° 8	14°21	20°47	5°50	16°31	7° 5	6° 0	1°55	13°49	S 19
S 20	10 17 47	6°17'13	27°15	2°33	9°21	11° 4	2°19	14°19	20°50	5°51	16°31	7° 6	5°56	2° 2	13°51	S 20
M21	10 21 44	7°17'04	11♒ 1	4°27	10°35	10°56	2°30	14°17	20°54	5°53	16°31	7°R 7	5°53	2° 8	13°54	M21
T 22	10 25 40	8°16'52	24°37	6°23	11°49	10°46	2°41	14°15	20°57	5°54	16°31	7° 5	5°50	2°15	13°56	T 22
W23	10 29 37	9°16'39	7♓59	8°19	13° 3	10°36	2°52	14°13	21° 0	5°55	16°30	7° 3	5°47	2°22	13°58	W23
T 24	10 33 33	10°16'24	21° 7	10°16	14°16	10°25	3° 3	14°11	21° 4	5°56	16°30	6°58	5°44	2°28	14° 1	T 24
F 25	10 37 30	11°16'07	4♈ 0	12°14	15°30	10°14	3°14	14°10	21° 7	5°58	16°30	6°52	5°40	2°35	14° 3	F 25
S 26	10 41 27	12°15'47	16°37	14°13	16°44	10° 1	3°25	14° 8	21°11	5°59	16°29	6°46	5°37	2°42	14° 6	S 26
S 27	10 45 23	13°15'26	28°58	16°12	17°58	9°48	3°37	14° 7	21°14	6° 0	16°29	6°40	5°34	2°49	14° 8	S 27
M28	10 49 20	14°15'02	11♉ 7	18°12	19°12	9°34	3°48	14° 6	21°17	6° 1	16°28	6°34	5°31	2°55	14°11	M28
T 29	10 53 16	15♓14'36	23♉ 6	20♓13	20♒25	9♎20	4♉ 0	14♋ 4	21♓21	6♉ 2	16♏28	6♒30	5♒28	3♊ 2	14♉13	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s45	21n30	5n14	21s57	1s42	22s24	0n13	1s42	3n 4	10n20	1s 0	22n52	0n10	4s43	0s43	22s39	0n49	3s38	13n47	18s34	18s38	24n52	14n32	1s28
W 2	15 27	24 27	4 58	21 41	1 46	22 18	0 10	1 43	3 5	10 23	1 0	22 52	0 11	4 42	0 43	22 39	0 49	3 38	13 47	18 34	18 39	24 53	14 32	1 28
T 3	15 8	26 21	4 29	21 23	1 50	22 11	0 7	1 44	3 6	10 27	1 0	22 53	0 11	4 40	0 43	22 38	0 49	3 37	13 48	18 34	18 40	24 54	14 33	1 28
F 4	14 49	27 4	3 49	21 3	1 54	22 3	0 4	1 45	3 7	10 30	0 59	22 53	0 11	4 39	0 43	22 38	0 49	3 37	13 48	18 34	18 41	24 55	14 33	1 28
S 5	14 29	26 30	2 58	20 42	1 57	21 55	0 1	1 46	3 7	10 33	0 59	22 54	0 11	4 38	0 43	22 38	0 49	3 37	13 49	18 33	18 41	24 57	14 34	1 28
S 6	14 10	24 39	1 59	20 19	1 59	21 47	0s 2	1 46	3 8	10 37	0 59	22 54	0 11	4 37	0 43	22 38	0 49	3 36	13 49	18 33	18 42	24 58	14 34	1 28
M 7	13 50	21 34	0 52	19 55	2 2	21 37	0 5	1 46	3 9	10 40	0 59	22 55	0 11	4 35	0 43	22 38	0 49	3 36	13 49	18 33	18 43	24 59	14 34	1 28
T 8	13 30	17 24	0s18	19 30	2 4	21 27	0 8	1 46	3 10	10 44	0 58	22 55	0 11	4 34	0 43	22 38	0 49	3 36	13 50	18 33	18 44	25 0	14 35	1 28
W 9	13 10	12 19	1 29	19 3	2 5	21 17	0 11	1 46	3 11	10 47	0 58	22 56	0 11	4 33	0 43	22 38	0 49	3 35	13 50	18 33	18 45	25 1	14 35	1 28
T 10	12 49	6 34	2 37	18 34	2 6	21 5	0 14	1 45	3 11	10 51	0 58	22 56	0 11	4 32	0 43	22 38	0 49	3 35	13 51	18 33	18 45	25 2	14 36	1 28
F 11	12 29	0 25	3 37	18 4	2 7	20 53	0 17	1 44	3 12	10 55	0 58	22 57	0 11	4 30	0 43	22 38	0 49	3 35	13 51	18 34	18 46	25 3	14 36	1 28
S 12	12 8	5s50	4 25	17 32	2 7	20 41	0 19	1 43	3 13	10 58	0 57	22 57	0 11	4 29	0 43	22 38	0 49	3 34	13 51	18 35	18 47	25 4	14 37	1 28
S 13	11 47	11 52	4 58	16 59	2 7	20 28	0 22	1 41	3 13	11 2	0 57	22 57	0 12	4 28	0 43	22 38	0 49	3 34	13 52	18 36	18 48	25 5	14 37	1 28
M14	11 26	17 21	5 13	16 24	2 7	20 14	0 25	1 39	3 14	11 6	0 57	22 58	0 12	4 26	0 43	22 38	0 49	3 33	13 52	18 36	18 49	25 6	14 38	1 28
T 15	11 4	21 53	5 10	15 47	2 5	20 0	0 28	1 37	3 15	11 9	0 57	22 58	0 12	4 25	0 43	22 37	0 49	3 33	13 53	18 37	18 49	25 7	14 38	1 28
W16	10 43	25 9	4 47	15 9	2 4	19 45	0 30	1 35	3 15	11 13	0 57	22 59	0 12	4 24	0 43	22 37	0 49	3 33	13 53	18 37	18 50	25 8	14 39	1 28
T 17	10 21	26 50	4 7	14 30	2 2	19 29	0 33	1 32	3 16	11 17	0 56	22 59	0 12	4 23	0 43	22 37	0 49	3 32	13 53	18 37	18 51	25 9	14 40	1 28
F 18	9 59	26 47	3 13	13 49	1 59	19 13	0 35	1 29	3 16	11 21	0 56	22 59	0 12	4 21	0 43	22 37	0 49	3 32	13 54	18 36	18 52	25 10	14 40	1 28
S 19	9 37	25 0	2 7	13 6	1 56	18 57	0 38	1 26	3 17	11 24	0 56	23 0	0 12	4 20	0 43	22 37	0 49	3 31	13 54	18 36	18 53	25 11	14 41	1 28
S 20	9 15	21 42	0 54	12 22	1 53	18 39	0 40	1 23	3 17	11 28	0 56	23 0	0 12	4 19	0 43	22 37	0 49	3 31	13 54	18 36	18 53	25 12	14 41	1 28
M21	8 53	17 13	0n21	11 37	1 48	18 22	0 43	1 19	3 18	11 32	0 55	23 0	0 12	4 17	0 43	22 37	0 49	3 31	13 55	18 36	18 54	25 13	14 42	1 28
T 22	8 31	11 55	1 34	10 50	1 44	18 4	0 45	1 15	3 18	11 36	0 55	23 0	0 12	4 16	0 43	22 37	0 49	3 30	13 55	18 36	18 55	25 14	14 43	1 28
W23	8 8	6 8	2 41	10 1	1 39	17 45	0 47	1 11	3 18	11 40	0 55	23 1	0 12	4 14	0 43	22 37	0 49	3 30	13 56	18 37	18 56	25 15	14 43	1 28
T 24	7 45	0 13	3 37	9 11	1 33	17 26	0 50	1 7	3 18	11 44	0 55	23 1	0 13	4 13	0 43	22 37	0 49	3 29	13 56	18 38	18 57	25 16	14 44	1 28
F 25	7 23	5n35	4 21	8 20	1 26	17 6	0 52	1 2	3 18	11 48	0 55	23 1	0 13	4 12	0 43	22 37	0 49	3 29	13 56	18 39	18 57	25 17	14 45	1 28
S 26	7 0	11 3	4 52	7 28	1 20	16 46	0 54	0 57	3 19	11 52	0 54	23 2	0 13	4 10	0 43	22 37	0 49	3 28	13 57	18 41	18 58	25 18	14 46	1 28
S 27	6 37	15 57	5 8	6 35	1 12	16 25	0 56	0 52	3 19	11 56	0 54	23 2	0 13	4 9	0 43	22 37	0 49	3 28	13 57	18 43	18 59	25 19	14 46	1 28
M28	6 14	20 8	5 9	5 40	1 4	16 4	0 58	0 46	3 19	12 0	0 54	23 2	0 13	4 8	0 43	22 37	0 49	3 27	13 57	18 44	19 0	25 20	14 47	1 28
T 29	5s51	23n27	4n58	4s45	0s55	15s43	1s 0	0s41	3n18	12n 4	0s54	23n 2	0n13	4s 6	0s43	22s36	0n49	3s27	13n58	18s45	19s 0	25n21	14n48	1s28

Julian Day Number = 2087799.5, Delta T = 24m03s
Ecliptic obliquity = 23°34'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'34, Lahiri = 9°58'34 Julian Calendar 1 Feb. 1004 == Greg. Calendar 7 Feb. 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

MARCH 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 57 13	16♓14'08	4♊59	22♓14	21♒39	9°R 5	4♉11	14°R 3	21♓24	6♑ 3	16°R27	6°R28	5♒25	3♊ 9	14♉16	W 1
T 2	11 1 9	17°13'37	16°50	24°15	22°53	8♎49	4°23	14♋ 2	21°28	6° 4	16♏26	6°D27	5°21	3°15	14°19	T 2
F 3	11 5 6	18°13'04	28°45	26°15	24° 7	8°32	4°35	14° 2	21°31	6° 5	16°26	6♒28	5°18	3°22	14°22	F 3
S 4	11 9 2	19°12'29	10♋48	28°15	25°21	8°15	4°46	14° 1	21°34	6° 6	16°25	6°29	5°15	3°29	14°24	S 4
S 5	11 12 59	20°11'51	23° 5	0♈15	26°34	7°57	4°58	14° 0	21°38	6° 7	16°24	6°30	5°12	3°36	14°27	S 5
M 6	11 16 56	21°11'11	5♌39	2°13	27°48	7°39	5°10	14° 0	21°41	6° 8	16°24	6°R31	5° 9	3°42	14°30	M 6
T 7	11 20 52	22°10'28	18°35	4° 9	29° 2	7°20	5°23	13°59	21°45	6° 9	16°23	6°30	5° 6	3°49	14°33	T 7
W 8	11 24 49	23° 9'44	1♍54	6° 4	0♓16	7° 0	5°35	13°59	21°48	6°10	16°22	6°28	5° 2	3°56	14°36	W 8
T 9	11 28 45	24° 8'57	15°36	7°56	1°29	6°40	5°47	13°59	21°52	6°11	16°21	6°23	4°59	4° 2	14°39	T 9
F 10	11 32 42	25° 8'08	29°39	9°46	2°43	6°20	5°59	13°D59	21°55	6°11	16°20	6°16	4°56	4° 9	14°42	F 10
S 11	11 36 38	26° 7'17	13♎58	11°33	3°57	5°59	6°12	13°59	21°59	6°12	16°20	6° 8	4°53	4°16	14°46	S 11
S 12	11 40 35	27° 6'23	28°28	13°16	5°11	5°38	6°24	13°59	22° 2	6°13	16°19	6° 0	4°50	4°22	14°49	S 12
M13	11 44 31	28° 5'28	13♏ 2	14°55	6°25	5°16	6°36	13°59	22° 5	6°13	16°18	5°53	4°46	4°29	14°52	M13
T 14	11 48 28	29° 4'32	27°33	16°30	7°38	4°54	6°49	14° 0	22° 9	6°14	16°17	5°47	4°43	4°36	14°55	T 14
W15	11 52 24	0♈ 3'33	11♐57	18° 0	8°52	4°32	7° 2	14° 0	22°12	6°15	16°16	5°44	4°40	4°43	14°59	W15
T 16	11 56 21	1° 2'33	26° 9	19°26	10° 6	4°10	7°14	14° 1	22°16	6°15	16°15	5°D42	4°37	4°49	15° 2	T 16
F 17	12 0 18	2° 1'31	10♑ 9	20°46	11°20	3°47	7°27	14° 1	22°19	6°16	16°14	5°42	4°34	4°56	15° 5	F 17
S 18	12 4 14	3° 0'27	23°56	22° 1	12°33	3°24	7°40	14° 2	22°22	6°16	16°13	5°43	4°31	5° 3	15° 9	S 18
S 19	12 8 11	3°59'21	7♒31	23°11	13°47	3° 1	7°53	14° 3	22°26	6°17	16°12	5°R43	4°27	5° 9	15°12	S 19
M20	12 12 7	4°58'14	20°53	24°14	15° 1	2°38	8° 6	14° 4	22°29	6°17	16°11	5°42	4°24	5°16	15°16	M20
T 21	12 16 4	5°57'05	4♓ 4	25°12	16°15	2°15	8°19	14° 5	22°33	6°18	16° 9	5°39	4°21	5°23	15°19	T 21
W22	12 20 0	6°55'53	17° 4	26° 4	17°28	1°52	8°32	14° 7	22°36	6°18	16° 8	5°33	4°18	5°30	15°23	W22
T 23	12 23 57	7°54'40	29°52	26°49	18°42	1°30	8°45	14° 8	22°39	6°19	16° 7	5°24	4°15	5°36	15°27	T 23
F 24	12 27 53	8°53'25	12♈29	27°29	19°56	1° 7	8°58	14° 9	22°43	6°19	16° 6	5°14	4°11	5°43	15°30	F 24
S 25	12 31 50	9°52'07	24°55	28° 2	21°10	0°44	9°11	14°11	22°46	6°19	16° 5	5° 2	4° 8	5°50	15°34	S 25
S 26	12 35 47	10°50'48	7♉ 9	28°29	22°23	0°22	9°24	14°13	22°49	6°19	16° 3	4°50	4° 5	5°56	15°38	S 26
M27	12 39 43	11°49'27	19°13	28°49	23°37	29♍59	9°38	14°15	22°53	6°20	16° 2	4°39	4° 2	6° 3	15°41	M27
T 28	12 43 40	12°48'03	1♊10	29° 3	24°51	29°38	9°51	14°16	22°56	6°20	16° 1	4°30	3°59	6°10	15°45	T 28
W29	12 47 36	13°46'38	13° 1	29°11	26° 5	29°16	10° 4	14°18	22°59	6°20	15°59	4°23	3°56	6°16	15°49	W29
T 30	12 51 33	14°45'10	24°50	29°R13	27°18	28°55	10°18	14°20	23° 2	6°20	15°58	4°19	3°52	6°23	15°53	T 30
F 31	12 55 29	15♈43'40	6♋43	29♈ 9	28♓32	28♍35	10♉31	14♋23	23♓ 6	6♑20	15♏57	4♒17	3♒49	6♊30	15♉57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s28	25n43	4n33	3s48	0s46	15s21	1s 2	0s35	3n18	12n 9	0s54	23n 2	0n13	4s 5	0s43	22s36	0n49	3s26	13n58	18s46	19s 1	25n22	14n49	1s28
T 2	5 4	26 51	3 57	2 51	0 37	14 58	1 4	0 29	3 18	12 13	0 54	23 3	0 13	4 4	0 43	22 36	0 49	3 26	13 58	18 46	19 2	25 23	14 49	1 28
F 3	4 41	26 44	3 10	1 54	0 26	14 35	1 6	0 23	3 18	12 17	0 53	23 3	0 13	4 2	0 43	22 36	0 49	3 25	13 59	18 46	19 3	25 24	14 50	1 28
S 4	4 18	25 22	2 15	0 56	0 16	14 12	1 8	0 16	3 17	12 21	0 53	23 3	0 13	4 1	0 43	22 36	0 50	3 25	13 59	18 45	19 4	25 25	14 51	1 28
S 5	3 54	22 46	1 12	0n 1	0 5	13 49	1 9	0 10	3 17	12 25	0 53	23 3	0 13	4 0	0 43	22 36	0 50	3 24	14 0	18 45	19 4	25 26	14 52	1 28
M 6	3 31	19 2	0 5	0 59	0n 7	13 25	1 11	0 3	3 16	12 29	0 53	23 3	0 13	3 58	0 43	22 36	0 50	3 24	14 0	18 45	19 5	25 27	14 53	1 28
T 7	3 7	14 19	1s 5	1 56	0 18	13 0	1 13	0n 4	3 16	12 34	0 53	23 3	0 13	3 57	0 43	22 36	0 50	3 23	14 0	18 45	19 6	25 28	14 54	1 28
W 8	2 44	8 48	2 13	2 53	0 30	12 36	1 14	0 11	3 15	12 38	0 52	23 3	0 14	3 55	0 43	22 36	0 50	3 23	14 0	18 46	19 7	25 28	14 55	1 28
T 9	2 20	2 43	3 15	3 49	0 42	12 11	1 16	0 18	3 14	12 42	0 52	23 3	0 14	3 54	0 43	22 36	0 50	3 22	14 1	18 47	19 7	25 29	14 55	1 28
F 10	1 57	3s37	4 7	4 43	0 54	11 45	1 17	0 26	3 13	12 46	0 52	23 4	0 14	3 53	0 43	22 36	0 50	3 22	14 1	18 48	19 8	25 30	14 56	1 28
S 11	1 33	9 54	4 44	5 36	1 6	11 20	1 18	0 33	3 12	12 50	0 52	23 4	0 14	3 51	0 43	22 36	0 50	3 21	14 1	18 50	19 9	25 31	14 57	1 28
S 12	1 9	15 42	5 4	6 28	1 18	10 54	1 20	0 41	3 11	12 55	0 52	23 4	0 14	3 50	0 43	22 36	0 50	3 21	14 2	18 52	19 10	25 32	14 58	1 28
M13	0 46	20 39	5 4	7 17	1 30	10 27	1 21	0 48	3 10	12 59	0 52	23 4	0 14	3 49	0 43	22 36	0 50	3 20	14 2	18 54	19 11	25 33	14 59	1 28
T 14	0 22	24 20	4 45	8 5	1 41	10 1	1 22	0 56	3 9	13 3	0 51	23 4	0 14	3 47	0 43	22 36	0 50	3 20	14 2	18 56	19 11	25 34	15 0	1 28
W15	0n 1	26 26	4 8	8 50	1 52	9 34	1 23	1 3	3 8	13 8	0 51	23 4	0 14	3 46	0 43	22 36	0 50	3 19	14 3	18 57	19 12	25 34	15 1	1 28
T 16	0 25	26 46	3 16	9 32	2 3	9 7	1 24	1 11	3 6	13 12	0 51	23 4	0 14	3 45	0 43	22 36	0 50	3 19	14 3	18 57	19 13	25 35	15 2	1 28
F 17	0 49	25 23	2 13	10 12	2 13	8 40	1 25	1 19	3 5	13 16	0 51	23 4	0 14	3 43	0 43	22 36	0 50	3 18	14 3	18 57	19 14	25 36	15 3	1 28
S 18	1 12	22 28	1 3	10 49	2 23	8 12	1 26	1 27	3 3	13 21	0 51	23 4	0 14	3 42	0 43	22 36	0 50	3 17	14 3	18 57	19 14	25 37	15 4	1 28
S 19	1 36	18 20	0n10	11 24	2 31	7 44	1 27	1 34	3 2	13 25	0 51	23 4	0 14	3 41	0 43	22 35	0 50	3 17	14 4	18 57	19 15	25 38	15 5	1 28
M20	1 59	13 21	1 20	11 55	2 39	7 16	1 27	1 42	3 0	13 29	0 50	23 4	0 14	3 39	0 43	22 35	0 50	3 16	14 4	18 57	19 16	25 39	15 6	1 28
T 21	2 23	7 49	2 25	12 23	2 46	6 48	1 28	1 49	2 58	13 34	0 50	23 4	0 15	3 38	0 43	22 35	0 50	3 16	14 4	18 58	19 17	25 39	15 7	1 28
W22	2 46	2 3	3 22	12 48	2 53	6 20	1 28	1 57	2 57	13 38	0 50	23 4	0 15	3 37	0 43	22 35	0 50	3 15	14 4	18 59	19 17	25 40	15 8	1 28
T 23	3 9	3n43	4 7	13 9	2 58	5 51	1 29	2 4	2 55	13 42	0 50	23 4	0 15	3 35	0 43	22 35	0 50	3 15	14 5	19 1	19 18	25 41	15 9	1 28
F 24	3 33	9 14	4 39	13 27	3 2	5 23	1 29	2 11	2 53	13 47	0 50	23 3	0 15	3 34	0 43	22 35	0 50	3 14	14 5	19 4	19 19	25 42	15 10	1 28
S 25	3 56	14 18	4 58	13 42	3 5	4 54	1 30	2 19	2 51	13 51	0 50	23 3	0 15	3 33	0 43	22 35	0 50	3 14	14 5	19 7	19 20	25 42	15 11	1 28
S 26	4 19	18 43	5 2	13 53	3 6	4 25	1 30	2 26	2 48	13 55	0 50	23 3	0 15	3 31	0 43	22 35	0 50	3 13	14 5	19 10	19 20	25 43	15 12	1 28
M27	4 42	22 19	4 53	14 1	3 7	3 56	1 30	2 32	2 46	14 0	0 49	23 3	0 15	3 30	0 43	22 35	0 50	3 12	14 6	19 12	19 21	25 44	15 13	1 28
T 28	5 5	24 55	4 31	14 6	3 6	3 27	1 31	2 39	2 44	14 4	0 49	23 3	0 15	3 29	0 43	22 35	0 50	3 12	14 6	19 15	19 22	25 45	15 14	1 28
W29	5 28	26 24	3 57	14 6	3 4	2 57	1 31	2 46	2 42	14 8	0 49	23 3	0 15	3 27	0 43	22 35	0 50	3 11	14 6	19 16	19 23	25 45	15 15	1 28
T 30	5 51	26 41	3 13	14 4	3 0	2 28	1 31	2 52	2 39	14 13	0 49	23 3	0 15	3 26	0 43	22 35	0 50	3 11	14 6	19 17	19 23	25 46	15 16	1 28
F 31	6n13	25n45	2n21	13n58	2n56	1s58	1s31	2n58	2n37	14n17	0s49	23n 2	0n15	3s25	0s43	22s35	0n50	3s10	14n 6	19s18	19s24	25n47	15n18	1s28

Julian Day Number = 2087828.5, Delta T = 24m03s
Ecliptic obliquity = 23°34'12, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'38, Lahiri = 9°58'38 Julian Calendar 1 March 1004 == Greg. Calendar 7 March 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

APRIL 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 59 26	16♈42'08	18♋44	29°R 0	29♓46	28°R14	10♉45	14♋25	23♓ 9	6♎20	15°R55	4°D16	3♒46	6♊37	16♉ 1	S 1
S 2	13 3 22	17°40'34	0♌59	28♈45	1♈ 0	27♍55	10°58	14°27	23°12	6°R20	15♏54	4°R17	3°43	6°43	16° 5	S 2
M 3	13 7 19	18°38'57	13°32	28°25	2°13	27°35	11°12	14°30	23°15	6°20	15°53	4♒16	3°40	6°50	16° 9	M 3
T 4	13 11 16	19°37'18	26°29	28° 1	3°27	27°17	11°25	14°33	23°18	6°20	15°51	4°15	3°37	6°57	16°13	T 4
W 5	13 15 12	20°35'37	9♍53	27°32	4°41	26°59	11°39	14°35	23°21	6°20	15°50	4°10	3°33	7° 3	16°17	W 5
T 6	13 19 9	21°33'54	23°44	27° 1	5°54	26°41	11°53	14°38	23°25	6°20	15°48	4° 4	3°30	7°10	16°21	T 6
F 7	13 23 5	22°32'09	8♎ 2	26°26	7° 8	26°25	12° 6	14°41	23°28	6°20	15°47	3°55	3°27	7°17	16°25	F 7
S 8	13 27 2	23°30'23	22°41	25°49	8°22	26° 8	12°20	14°44	23°31	6°20	15°45	3°44	3°24	7°23	16°29	S 8
S 9	13 30 58	24°28'34	7♏35	25°11	9°35	25°53	12°34	14°47	23°34	6°20	15°44	3°33	3°21	7°30	16°33	S 9
M10	13 34 55	25°26'44	22°34	24°32	10°49	25°38	12°47	14°50	23°37	6°19	15°42	3°23	3°17	7°37	16°37	M10
T 11	13 38 51	26°24'52	7♐29	23°53	12° 3	25°24	13° 1	14°54	23°40	6°19	15°41	3°14	3°14	7°44	16°41	T 11
W12	13 42 48	27°22'58	22°12	23°15	13°16	25°11	13°15	14°57	23°43	6°19	15°39	3° 9	3°11	7°50	16°45	W12
T 13	13 46 45	28°21'04	6♑38	22°38	14°30	24°58	13°29	15° 0	23°46	6°18	15°38	3° 6	3° 8	7°57	16°49	T 13
F 14	13 50 41	29°19'07	20°43	22° 3	15°44	24°47	13°43	15° 4	23°49	6°18	15°36	3° 4	3° 5	8° 4	16°54	F 14
S 15	13 54 38	0♉17'10	4♒28	21°30	16°57	24°36	13°57	15° 8	23°52	6°18	15°34	3° 4	3° 2	8°10	16°58	S 15
S 16	13 58 34	1°15'11	17°54	21° 0	18°11	24°25	14°11	15°11	23°55	6°17	15°33	3° 4	2°58	8°17	17° 2	S 16
M17	14 2 31	2°13'10	1♓ 3	20°34	19°25	24°16	14°24	15°15	23°58	6°17	15°31	3° 2	2°55	8°24	17° 6	M17
T 18	14 6 27	3°11'08	13°57	20°11	20°38	24° 7	14°38	15°19	24° 0	6°16	15°30	2°58	2°52	8°30	17°11	T 18
W19	14 10 24	4° 9'05	26°38	19°53	21°52	23°59	14°52	15°23	24° 3	6°16	15°28	2°51	2°49	8°37	17°15	W19
T 20	14 14 20	5° 7'00	9♈ 9	19°39	23° 6	23°52	15° 6	15°27	24° 6	6°15	15°26	2°41	2°46	8°44	17°19	T 20
F 21	14 18 17	6° 4'54	21°30	19°29	24°19	23°46	15°20	15°31	24° 9	6°15	15°25	2°28	2°43	8°50	17°23	F 21
S 22	14 22 14	7° 2'46	3♉43	19°24	25°33	23°40	15°34	15°36	24°12	6°14	15°23	2°15	2°39	8°57	17°28	S 22
S 23	14 26 10	8° 0'37	15°47	19°D23	26°47	23°36	15°48	15°40	24°14	6°13	15°22	2° 1	2°36	9° 4	17°32	S 23
M24	14 30 7	8°58'27	27°45	19°27	28° 0	23°32	16° 2	15°45	24°17	6°13	15°20	1°48	2°33	9°11	17°36	M24
T 25	14 34 3	9°56'14	9♊38	19°36	29°14	23°29	16°16	15°49	24°20	6°12	15°18	1°37	2°30	9°17	17°41	T 25
W26	14 38 0	10°54'01	21°27	19°49	0♉27	23°27	16°30	15°54	24°22	6°11	15°17	1°29	2°27	9°24	17°45	W26
T 27	14 41 56	11°51'45	3♋15	20° 6	1°41	23°25	16°44	15°58	24°25	6°11	15°15	1°23	2°23	9°31	17°49	T 27
F 28	14 45 53	12°49'29	15° 8	20°29	2°55	23°D25	16°59	16° 3	24°27	6°10	15°13	1°20	2°20	9°37	17°54	F 28
S 29	14 49 49	13°47'10	27° 8	20°55	4° 8	23°25	17°13	16° 8	24°30	6° 9	15°12	1°D19	2°17	9°44	17°58	S 29
S 30	14 53 46	14♉44'50	9♌20	21♈25	5♉22	23♍26	17♉27	16♋13	24♓32	6♎ 8	15♏10	1°R19	2♒14	9♊51	18♉ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n36	23n36	1n22	13n49	2n49	1s29	1s31	3n 4	2n34	14n21	0s49	23n 2	0n15	3s24	0s43	22s35	0n50	3s10	14n 7	19s18	19s25	25n48	15n19	1s28
S 2	6 58	20 20	0 18	13 36	2 42	0 59	1 31	3 9	2 32	14 26	0 49	23 2	0 15	3 22	0 43	22 35	0 50	3 9	14 7	19 18	19 26	25 48	15 20	1 28
M 3	7 21	16 4	0s49	13 21	2 33	0 30	1 30	3 15	2 29	14 30	0 49	23 2	0 15	3 21	0 43	22 35	0 50	3 9	14 7	19 18	19 26	25 49	15 21	1 28
T 4	7 43	10 57	1 55	13 2	2 22	0n 0	1 30	3 20	2 27	14 34	0 48	23 2	0 16	3 20	0 43	22 35	0 50	3 8	14 7	19 18	19 27	25 50	15 22	1 29
W 5	8 5	5 11	2 57	12 41	2 11	0 30	1 30	3 24	2 24	14 39	0 48	23 1	0 16	3 19	0 43	22 35	0 50	3 8	14 7	19 19	19 28	25 50	15 23	1 29
T 6	8 27	1s 1	3 50	12 18	1 58	1 0	1 29	3 29	2 21	14 43	0 48	23 1	0 16	3 17	0 43	22 35	0 50	3 7	14 7	19 21	19 29	25 51	15 24	1 29
F 7	8 49	7 21	4 31	11 52	1 44	1 29	1 29	3 33	2 19	14 47	0 48	23 1	0 16	3 16	0 43	22 35	0 50	3 7	14 7	19 23	19 29	25 52	15 25	1 29
S 8	9 11	13 26	4 55	11 25	1 29	1 59	1 28	3 37	2 16	14 52	0 48	23 1	0 16	3 15	0 43	22 35	0 50	3 6	14 8	19 25	19 30	25 52	15 26	1 29
S 9	9 32	18 50	5 0	10 56	1 14	2 29	1 28	3 41	2 13	14 56	0 48	23 0	0 16	3 14	0 43	22 35	0 50	3 6	14 8	19 28	19 31	25 53	15 27	1 29
M10	9 54	23 5	4 44	10 27	0 57	2 58	1 27	3 44	2 10	15 0	0 48	23 0	0 16	3 12	0 43	22 35	0 50	3 5	14 8	19 30	19 32	25 54	15 29	1 29
T 11	10 15	25 46	4 9	9 57	0 41	3 28	1 26	3 47	2 8	15 5	0 48	23 0	0 16	3 11	0 43	22 35	0 50	3 5	14 8	19 32	19 32	25 54	15 30	1 29
W12	10 36	26 38	3 18	9 27	0 24	3 57	1 25	3 50	2 5	15 9	0 47	23 0	0 16	3 10	0 43	22 35	0 50	3 4	14 8	19 34	19 33	25 55	15 31	1 29
T 13	10 57	25 39	2 15	8 57	0 7	4 27	1 25	3 52	2 2	15 13	0 47	22 59	0 16	3 9	0 43	22 35	0 50	3 4	14 8	19 34	19 34	25 55	15 32	1 29
F 14	11 17	23 2	1 5	8 28	0s11	4 56	1 24	3 55	1 59	15 17	0 47	22 59	0 16	3 8	0 43	22 35	0 50	3 3	14 8	19 35	19 35	25 56	15 33	1 29
S 15	11 38	19 8	0n 7	8 0	0 27	5 25	1 23	3 56	1 56	15 22	0 47	22 59	0 16	3 7	0 43	22 35	0 50	3 3	14 8	19 35	19 35	25 57	15 34	1 29
S 16	11 58	14 19	1 18	7 34	0 44	5 55	1 22	3 58	1 54	15 26	0 47	22 58	0 16	3 5	0 43	22 35	0 50	3 2	14 8	19 35	19 36	25 57	15 35	1 29
M17	12 19	8 57	2 22	7 9	1 0	6 24	1 21	3 59	1 51	15 30	0 47	22 58	0 16	3 4	0 43	22 35	0 50	3 2	14 8	19 35	19 37	25 58	15 37	1 29
T 18	12 39	3 18	3 18	6 46	1 16	6 53	1 19	4 0	1 48	15 34	0 47	22 57	0 16	3 3	0 43	22 35	0 50	3 1	14 8	19 36	19 37	25 58	15 38	1 29
W19	12 58	2n22	4 3	6 25	1 31	7 21	1 18	4 1	1 45	15 39	0 47	22 57	0 17	3 2	0 43	22 35	0 50	3 1	14 8	19 38	19 38	25 59	15 39	1 29
T 20	13 18	7 51	4 35	6 7	1 45	7 50	1 17	4 1	1 42	15 43	0 47	22 57	0 17	3 1	0 43	22 35	0 50	3 0	14 8	19 40	19 39	26 0	15 40	1 29
F 21	13 37	12 58	4 54	5 51	1 58	8 18	1 16	4 1	1 40	15 47	0 47	22 56	0 17	3 0	0 43	22 35	0 50	3 0	14 8	19 43	19 40	26 0	15 41	1 29
S 22	13 56	17 31	5 0	5 37	2 10	8 47	1 14	4 0	1 37	15 51	0 46	22 56	0 17	2 59	0 43	22 35	0 50	2 59	14 8	19 46	19 40	26 1	15 42	1 30
S 23	14 15	21 18	4 51	5 26	2 22	9 15	1 13	4 0	1 34	15 55	0 46	22 55	0 17	2 58	0 43	22 35	0 50	2 59	14 8	19 49	19 41	26 1	15 43	1 30
M24	14 34	24 9	4 30	5 18	2 32	9 43	1 11	3 59	1 32	15 59	0 46	22 55	0 17	2 57	0 43	22 35	0 50	2 58	14 8	19 52	19 42	26 2	15 45	1 30
T 25	14 52	25 55	3 57	5 13	2 42	10 10	1 10	3 58	1 29	16 4	0 46	22 54	0 17	2 56	0 43	22 35	0 50	2 58	14 8	19 54	19 43	26 2	15 46	1 30
W26	15 11	26 31	3 14	5 10	2 50	10 38	1 8	3 56	1 26	16 8	0 46	22 54	0 17	2 55	0 43	22 35	0 50	2 57	14 8	19 56	19 43	26 3	15 47	1 30
T 27	15 29	25 54	2 23	5 9	2 58	11 5	1 7	3 54	1 23	16 12	0 46	22 53	0 17	2 54	0 43	22 35	0 50	2 57	14 8	19 58	19 44	26 3	15 48	1 30
F 28	15 46	24 7	1 25	5 11	3 5	11 32	1 5	3 52	1 21	16 16	0 46	22 53	0 17	2 53	0 43	22 35	0 50	2 57	14 8	19 58	19 45	26 4	15 49	1 30
S 29	16 4	21 13	0 22	5 16	3 10	11 58	1 3	3 49	1 18	16 20	0 46	22 52	0 17	2 52	0 44	22 35	0 50	2 56	14 8	19 58	19 45	26 4	15 50	1 30
S 30	16n21	17n20	0s42	5n23	3s15	12n25	1s 2	3n47	1n16	16n24	0s46	22n52	0n17	2s51	0s44	22s35	0n50	2s56	14n 8	19s58	19s46	26n 5	15n51	1s30

Julian Day Number = 2087859.5, Delta T = 24m02s
Ecliptic obliquity = 23°34'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'42, Lahiri = 9°58'42 Julian Calendar 1 Apr. 1004 == Greg. Calendar 7 Apr. 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

MAY 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 57 43	15♉42'28	21♌51	22♈ 0	6♉36	23♍27	17♉41	16♋18	24♓35	6°R 7	15°R 8	1°R19	2♒11	9♊57	18♉ 7	M 1
T 2	15 1 39	16°40'05	4♍44	22°38	7°49	23°30	17°55	16°23	24°37	6♊ 6	15♏ 7	1♒18	2° 8	10° 4	18°11	T 2
W 3	15 5 36	17°37'40	18° 5	23°21	9° 3	23°33	18° 9	16°28	24°40	6° 6	15° 5	1°15	2° 4	10°11	18°16	W 3
T 4	15 9 32	18°35'13	1♎55	24° 7	10°16	23°37	18°23	16°33	24°42	6° 5	15° 3	1° 9	2° 1	10°18	18°20	T 4
F 5	15 13 29	19°32'45	16°15	24°56	11°30	23°42	18°37	16°39	24°44	6° 4	15° 2	1° 1	1°58	10°24	18°24	F 5
S 6	15 17 25	20°30'16	1♏ 1	25°49	12°44	23°47	18°51	16°44	24°47	6° 3	15° 0	0°52	1°55	10°31	18°29	S 6
S 7	15 21 22	21°27'46	16° 5	26°46	13°57	23°53	19° 5	16°49	24°49	6° 2	14°58	0°42	1°52	10°38	18°33	S 7
M 8	15 25 18	22°25'14	1♐19	27°46	15°11	24° 0	19°19	16°55	24°51	6° 1	14°57	0°33	1°48	10°44	18°38	M 8
T 9	15 29 15	23°22'42	16°32	28°49	16°24	24° 7	19°33	17° 1	24°53	6° 0	14°55	0°25	1°45	10°51	18°42	T 9
W10	15 33 12	24°20'08	1♑33	29°55	17°38	24°16	19°47	17° 6	24°55	5°58	14°53	0°20	1°42	10°58	18°46	W10
T 11	15 37 8	25°17'34	16°14	1♉ 4	18°52	24°24	20° 1	17°12	24°57	5°57	14°52	0°17	1°39	11° 4	18°51	T 11
F 12	15 41 5	26°14'59	0♒32	2°16	20° 5	24°34	20°15	17°18	24°59	5°56	14°50	0°D16	1°36	11°11	18°55	F 12
S 13	15 45 1	27°12'23	14°24	3°32	21°19	24°44	20°29	17°23	25° 1	5°55	14°49	0°17	1°33	11°18	18°59	S 13
S 14	15 48 58	28° 9'46	27°52	4°50	22°32	24°55	20°43	17°29	25° 3	5°54	14°47	0°R17	1°29	11°24	19° 4	S 14
M15	15 52 54	29° 7'09	10♓58	6°11	23°46	25° 6	20°57	17°35	25° 5	5°53	14°45	0°17	1°26	11°31	19° 8	M15
T 16	15 56 51	0♊ 4'31	23°45	7°35	25° 0	25°18	21°11	17°41	25° 7	5°51	14°44	0°14	1°23	11°38	19°12	T 16
W17	16 0 47	1° 1'52	6♈16	9° 1	26°13	25°30	21°25	17°47	25° 9	5°50	14°42	0° 9	1°20	11°45	19°17	W17
T 18	16 4 44	1°59'13	18°36	10°31	27°27	25°44	21°39	17°54	25°11	5°49	14°41	0° 2	1°17	11°51	19°21	T 18
F 19	16 8 41	2°56'33	0♉45	12° 3	28°41	25°57	21°53	18° 0	25°13	5°48	14°39	29♑53	1°14	11°58	19°25	F 19
S 20	16 12 37	3°53'53	12°47	13°38	29°54	26°12	22° 7	18° 6	25°14	5°46	14°37	29°43	1°10	12° 5	19°30	S 20
S 21	16 16 34	4°51'12	24°43	15°16	1♊ 8	26°26	22°21	18°12	25°16	5°45	14°36	29°32	1° 7	12°11	19°34	S 21
M22	16 20 30	5°48'30	6♊36	16°56	2°22	26°42	22°34	18°19	25°18	5°44	14°34	29°22	1° 4	12°18	19°38	M22
T 23	16 24 27	6°45'48	18°25	18°39	3°35	26°58	22°48	18°25	25°19	5°42	14°33	29°14	1° 1	12°25	19°42	T 23
W24	16 28 23	7°43'05	0♋14	20°25	4°49	27°14	23° 2	18°32	25°21	5°41	14°31	29° 8	0°58	12°31	19°47	W24
T 25	16 32 20	8°40'22	12° 5	22°13	6° 3	27°31	23°16	18°38	25°22	5°40	14°30	29° 4	0°54	12°38	19°51	T 25
F 26	16 36 16	9°37'37	24° 0	24° 4	7°16	27°49	23°30	18°45	25°24	5°38	14°28	29°D 3	0°51	12°45	19°55	F 26
S 27	16 40 13	10°34'52	6♌ 3	25°57	8°30	28° 7	23°43	18°51	25°25	5°37	14°27	29° 3	0°48	12°51	19°59	S 27
S 28	16 44 10	11°32'06	18°18	27°53	9°44	28°25	23°57	18°58	25°27	5°35	14°26	29° 4	0°45	12°58	20° 3	S 28
M29	16 48 6	12°29'19	0♍49	29°51	10°57	28°44	24°11	19° 5	25°28	5°34	14°24	29° 5	0°42	13° 5	20° 8	M29
T 30	16 52 3	13°26'32	13°40	1♊52	12°11	29° 4	24°24	19°11	25°29	5°32	14°23	29°R 6	0°39	13°12	20°12	T 30
W31	16 55 59	14♊23'43	26♍56	3♊54	13♊25	29♍23	24♉38	19♋18	25♓30	5♑31	14♏21	29♑ 5	0♒35	13♊18	20♉16	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n38	12n37	1s47	5n32	3s19	12n51	1s 0	3n44	1n13	16n28	0s46	22n51	0n17	2s50	0s44	22s35	0n50	2s55	14n 8	19s58	19s47	26n 5	15n53	1s30
T 2	16 55	7 14	2 47	5 43	3 22	13 17	0 58	3 40	1 10	16 32	0 46	22 51	0 17	2 49	0 44	22 35	0 50	2 55	14 8	19 59	19 48	26 6	15 54	1 30
W 3	17 11	1 21	3 41	5 57	3 24	13 42	0 56	3 37	1 8	16 36	0 45	22 50	0 17	2 48	0 44	22 35	0 50	2 55	14 8	19 59	19 48	26 6	15 55	1 30
T 4	17 27	4s48	4 24	6 13	3 26	14 7	0 54	3 33	1 5	16 40	0 45	22 50	0 18	2 47	0 44	22 35	0 50	2 54	14 8	20 1	19 49	26 7	15 56	1 30
F 5	17 43	10 55	4 52	6 30	3 26	14 32	0 52	3 29	1 3	16 44	0 45	22 49	0 18	2 46	0 44	22 35	0 50	2 54	14 8	20 2	19 50	26 7	15 57	1 31
S 6	17 58	16 36	5 2	6 50	3 26	14 57	0 50	3 24	1 1	16 48	0 45	22 48	0 18	2 45	0 44	22 35	0 51	2 54	14 8	20 4	19 50	26 8	15 58	1 31
S 7	18 14	21 23	4 52	7 11	3 25	15 21	0 48	3 20	0 58	16 52	0 45	22 48	0 18	2 44	0 44	22 35	0 51	2 53	14 7	20 7	19 51	26 8	15 59	1 31
M 8	18 29	24 47	4 20	7 34	3 23	15 44	0 46	3 15	0 56	16 56	0 45	22 47	0 18	2 44	0 44	22 35	0 51	2 53	14 7	20 9	19 52	26 9	16 0	1 31
T 9	18 43	26 22	3 30	7 59	3 21	16 8	0 44	3 10	0 53	17 0	0 45	22 47	0 18	2 43	0 44	22 35	0 51	2 53	14 7	20 10	19 53	26 9	16 2	1 31
W10	18 57	26 0	2 27	8 25	3 18	16 31	0 42	3 4	0 51	17 3	0 45	22 46	0 18	2 42	0 44	22 36	0 51	2 52	14 7	20 11	19 53	26 9	16 3	1 31
T 11	19 11	23 48	1 14	8 53	3 14	16 53	0 40	2 59	0 49	17 7	0 45	22 45	0 18	2 41	0 44	22 36	0 51	2 52	14 7	20 12	19 54	26 10	16 4	1 31
F 12	19 25	20 7	0n 1	9 22	3 9	17 15	0 38	2 53	0 46	17 11	0 45	22 45	0 18	2 40	0 44	22 36	0 51	2 52	14 7	20 12	19 55	26 10	16 5	1 31
S 13	19 38	15 25	1 15	9 53	3 4	17 37	0 36	2 47	0 44	17 15	0 45	22 44	0 18	2 40	0 44	22 36	0 51	2 51	14 7	20 12	19 55	26 11	16 6	1 31
S 14	19 52	10 4	2 22	10 24	2 58	17 58	0 33	2 40	0 42	17 19	0 45	22 43	0 18	2 39	0 44	22 36	0 51	2 51	14 6	20 12	19 56	26 11	16 7	1 31
M15	20 4	4 25	3 19	10 57	2 52	18 19	0 31	2 34	0 40	17 22	0 45	22 42	0 18	2 38	0 44	22 36	0 51	2 51	14 6	20 12	19 57	26 11	16 8	1 31
T 16	20 17	1n15	4 5	11 31	2 45	18 39	0 29	2 27	0 38	17 26	0 45	22 42	0 18	2 37	0 44	22 36	0 51	2 51	14 6	20 13	19 58	26 12	16 9	1 32
W17	20 29	6 46	4 39	12 6	2 38	18 59	0 27	2 20	0 36	17 30	0 44	22 41	0 18	2 37	0 44	22 36	0 51	2 50	14 6	20 14	19 58	26 12	16 10	1 32
T 18	20 40	11 55	4 59	12 41	2 30	19 18	0 24	2 13	0 33	17 34	0 44	22 40	0 18	2 36	0 44	22 36	0 51	2 50	14 6	20 15	19 59	26 12	16 11	1 32
F 19	20 52	16 33	5 4	13 18	2 21	19 37	0 22	2 6	0 31	17 37	0 44	22 39	0 19	2 35	0 44	22 36	0 51	2 50	14 5	20 17	20 0	26 13	16 12	1 32
S 20	21 3	20 28	4 57	13 55	2 12	19 55	0 20	1 58	0 29	17 41	0 44	22 39	0 19	2 35	0 44	22 36	0 51	2 50	14 5	20 19	20 0	26 13	16 13	1 32
S 21	21 13	23 31	4 36	14 32	2 3	20 13	0 17	1 50	0 27	17 45	0 44	22 38	0 19	2 34	0 44	22 36	0 51	2 50	14 5	20 22	20 1	26 14	16 15	1 32
M22	21 24	25 31	4 3	15 10	1 53	20 30	0 15	1 42	0 25	17 48	0 44	22 37	0 19	2 33	0 44	22 36	0 51	2 49	14 5	20 24	20 2	26 14	16 16	1 32
T 23	21 33	26 23	3 20	15 49	1 43	20 47	0 13	1 34	0 23	17 52	0 44	22 36	0 19	2 33	0 44	22 36	0 51	2 49	14 4	20 25	20 2	26 14	16 17	1 32
W24	21 43	26 3	2 29	16 27	1 33	21 3	0 10	1 26	0 21	17 55	0 44	22 35	0 19	2 32	0 44	22 36	0 51	2 49	14 4	20 27	20 3	26 14	16 18	1 32
T 25	21 52	24 31	1 30	17 6	1 22	21 18	0 8	1 17	0 19	17 59	0 44	22 35	0 19	2 32	0 44	22 36	0 51	2 49	14 4	20 27	20 4	26 15	16 19	1 33
F 26	22 1	21 52	0 27	17 44	1 12	21 33	0 6	1 9	0 18	18 2	0 44	22 34	0 19	2 31	0 44	22 36	0 51	2 49	14 4	20 28	20 5	26 15	16 20	1 33
S 27	22 9	18 15	0s38	18 22	1 1	21 47	0 3	1 0	0 16	18 6	0 44	22 33	0 19	2 30	0 44	22 36	0 51	2 49	14 3	20 28	20 5	26 15	16 21	1 33
S 28	22 17	13 48	1 42	19 0	0 49	22 1	0 1	0 51	0 14	18 9	0 44	22 32	0 19	2 30	0 44	22 36	0 51	2 49	14 3	20 27	20 6	26 16	16 22	1 33
M29	22 25	8 42	2 43	19 37	0 38	22 14	0n 2	0 41	0 12	18 13	0 44	22 31	0 19	2 29	0 44	22 37	0 51	2 48	14 3	20 27	20 7	26 16	16 23	1 33
T 30	22 32	3 6	3 38	20 13	0 27	22 26	0 4	0 32	0 10	18 16	0 44	22 30	0 19	2 29	0 44	22 37	0 51	2 48	14 2	20 27	20 7	26 16	16 24	1 33
W31	22n39	2s47	4s22	20n47	0s16	22n38	0n 6	0n22	0n 8	18n19	0s44	22n29	0n19	2s28	0s44	22s37	0n51	2s48	14n 2	20s27	20s 8	26n16	16n25	1s33

Julian Day Number = 2087889.5, Delta T = 24m02s
Ecliptic obliquity = 23°34'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'46, Lahiri = 9°58'46 Julian Calendar 1 May 1004 == Greg. Calendar 7 May 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

JUNE 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 59 56	15♊20'54	10♎40	5♊58	14♊38	29♍44	24♉51	19♋25	25♓32	5°R29	14°R20	29°R 2	0♒32	13♊25	20♉20	T 1
F 2	17 3 52	16°18'05	24°52	8° 4	15°52	0♎ 5	25° 5	19°32	25°33	5♑28	14♏19	28♑58	0°29	13°32	20°24	F 2
S 3	17 7 49	17°15'15	9♏30	10°12	17° 6	0°26	25°19	19°39	25°34	5°26	14°17	28°53	0°26	13°38	20°28	S 3
S 4	17 11 45	18°12'24	24°30	12°21	18°19	0°48	25°32	19°46	25°35	5°25	14°16	28°47	0°23	13°45	20°32	S 4
M 5	17 15 42	19° 9'33	9♐43	14°30	19°33	1°10	25°45	19°53	25°36	5°23	14°15	28°41	0°20	13°52	20°36	M 5
T 6	17 19 39	20° 6'42	24°59	16°41	20°47	1°32	25°59	20° 0	25°37	5°22	14°13	28°37	0°16	13°58	20°40	T 6
W 7	17 23 35	21° 3'51	10♑ 7	18°52	22° 0	1°55	26°12	20° 7	25°38	5°20	14°12	28°34	0°13	14° 5	20°44	W 7
T 8	17 27 32	22° 0'59	24°59	21° 3	23°14	2°18	26°25	20°14	25°39	5°19	14°11	28°D33	0°10	14°12	20°48	T 8
F 9	17 31 28	22°58'08	9♒28	23°13	24°28	2°42	26°39	20°21	25°39	5°17	14°10	28°33	0° 7	14°18	20°52	F 9
S 10	17 35 25	23°55'17	23°30	25°24	25°41	3° 6	26°52	20°28	25°40	5°16	14° 9	28°35	0° 4	14°25	20°56	S 10
S 11	17 39 21	24°52'25	7♓ 6	27°34	26°55	3°30	27° 5	20°36	25°41	5°14	14° 8	28°36	0° 0	14°32	20°59	S 11
M12	17 43 18	25°49'34	20°16	29°42	28° 9	3°55	27°18	20°43	25°42	5°12	14° 6	28°R37	29♑57	14°38	21° 3	M12
T 13	17 47 15	26°46'44	3♈ 4	1♋50	29°23	4°20	27°31	20°50	25°42	5°11	14° 5	28°37	29°54	14°45	21° 7	T 13
W14	17 51 11	27°43'53	15°33	3°57	0♋36	4°45	27°44	20°57	25°43	5° 9	14° 4	28°36	29°51	14°52	21°11	W14
T 15	17 55 8	28°41'03	27°48	6° 2	1°50	5°11	27°57	21° 5	25°43	5° 8	14° 3	28°33	29°48	14°59	21°15	T 15
F 16	17 59 4	29°38'13	9♉51	8° 6	3° 4	5°37	28°10	21°12	25°44	5° 6	14° 2	28°29	29°45	15° 5	21°18	F 16
S 17	18 3 1	0♋35'24	21°47	10° 8	4°18	6° 4	28°23	21°19	25°44	5° 4	14° 1	28°24	29°41	15°12	21°22	S 17
S 18	18 6 57	1°32'35	3♊39	12° 8	5°32	6°31	28°36	21°27	25°45	5° 3	14° 0	28°20	29°38	15°19	21°26	S 18
M19	18 10 54	2°29'47	15°28	14° 6	6°45	6°58	28°49	21°34	25°45	5° 1	13°59	28°16	29°35	15°25	21°29	M19
T 20	18 14 50	3°26'58	27°18	16° 3	7°59	7°25	29° 1	21°42	25°45	5° 0	13°58	28°12	29°32	15°32	21°33	T 20
W21	18 18 47	4°24'10	9♋10	17°58	9°13	7°53	29°14	21°49	25°46	4°58	13°57	28°10	29°29	15°39	21°36	W21
T 22	18 22 44	5°21'22	21° 7	19°51	10°27	8°21	29°27	21°57	25°46	4°56	13°56	28° 8	29°26	15°45	21°40	T 22
F 23	18 26 40	6°18'35	3♌10	21°42	11°41	8°49	29°39	22° 4	25°46	4°55	13°56	28°D 8	29°22	15°52	21°43	F 23
S 24	18 30 37	7°15'48	15°23	23°32	12°54	9°18	29°52	22°12	25°46	4°53	13°55	28° 9	29°19	15°59	21°47	S 24
S 25	18 34 33	8°13'00	27°46	25°19	14° 8	9°47	0♊ 4	22°20	25°R46	4°51	13°54	28°10	29°16	16° 5	21°50	S 25
M26	18 38 30	9°10'13	10♍24	27° 5	15°22	10°16	0°16	22°27	25°46	4°50	13°53	28°12	29°13	16°12	21°53	M26
T 27	18 42 26	10° 7'27	23°20	28°48	16°36	10°46	0°29	22°35	25°46	4°48	13°53	28°13	29°10	16°19	21°57	T 27
W28	18 46 23	11° 4'40	6♎36	0♌30	17°50	11°16	0°41	22°42	25°46	4°47	13°52	28°R14	29° 6	16°25	22° 0	W28
T 29	18 50 19	12° 1'54	20°14	2°10	19° 4	11°46	0°53	22°50	25°46	4°45	13°51	28°13	29° 3	16°32	22° 3	T 29
F 30	18 54 16	12♋59'08	4♏15	3♌48	20♋18	12♎16	1♊ 5	22♋58	25♓45	4♑43	13♏51	28♑13	29♑ 0	16♊39	22♉ 6	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n46	8s45	4s54	21n21	0s 4	22n49	0n 9	0n13	0n 7	18n23	0s44	22n29	0n19	2s28	0s45	22s37	0n51	2s48	14n 2	20s28	20s 9	26n17	16n26	1s33
F 2	22 52	14 28	5 9	21 53	0n 7	23 0	0 11	0 3	0 5	18 26	0 44	22 28	0 19	2 28	0 45	22 37	0 51	2 48	14 1	20 29	20 9	26 17	16 27	1 33
S 3	22 57	19 32	5 4	22 23	0 17	23 10	0 13	0s 7	0 3	18 29	0 44	22 27	0 20	2 27	0 45	22 37	0 51	2 48	14 1	20 30	20 10	26 17	16 28	1 34
S 4	23 3	23 30	4 39	22 51	0 28	23 19	0 16	0 17	0 2	18 33	0 44	22 26	0 20	2 27	0 45	22 37	0 51	2 48	14 1	20 31	20 11	26 17	16 28	1 34
M 5	23 7	25 53	3 54	23 17	0 38	23 27	0 18	0 28	0s 0	18 36	0 44	22 25	0 20	2 26	0 45	22 37	0 51	2 48	14 0	20 32	20 11	26 18	16 29	1 34
T 6	23 12	26 21	2 52	23 41	0 47	23 35	0 20	0 38	0 2	18 39	0 44	22 24	0 20	2 26	0 45	22 37	0 51	2 48	14 0	20 33	20 12	26 18	16 30	1 34
W 7	23 16	24 49	1 39	24 2	0 56	23 42	0 23	0 49	0 3	18 42	0 43	22 23	0 20	2 26	0 45	22 37	0 51	2 48	14 0	20 34	20 13	26 18	16 31	1 34
T 8	23 20	21 34	0 19	24 20	1 5	23 49	0 25	1 0	0 5	18 45	0 43	22 22	0 20	2 25	0 45	22 37	0 51	2 48	13 59	20 34	20 13	26 18	16 32	1 34
F 9	23 23	17 2	0n59	24 36	1 13	23 54	0 27	1 11	0 6	18 48	0 43	22 21	0 20	2 25	0 45	22 37	0 51	2 48	13 59	20 34	20 14	26 19	16 33	1 34
S 10	23 26	11 41	2 12	24 49	1 20	23 59	0 29	1 22	0 8	18 52	0 43	22 20	0 20	2 25	0 45	22 37	0 51	2 48	13 59	20 33	20 15	26 19	16 34	1 35
S 11	23 28	5 56	3 15	24 59	1 26	24 4	0 32	1 33	0 9	18 55	0 43	22 19	0 20	2 25	0 45	22 37	0 51	2 48	13 58	20 33	20 16	26 19	16 35	1 35
M12	23 30	0 7	4 6	25 6	1 32	24 7	0 34	1 44	0 11	18 58	0 43	22 18	0 20	2 24	0 45	22 37	0 51	2 48	13 58	20 33	20 16	26 19	16 36	1 35
T 13	23 32	5n32	4 42	25 11	1 37	24 10	0 36	1 55	0 12	19 1	0 43	22 17	0 20	2 24	0 45	22 37	0 51	2 48	13 57	20 33	20 17	26 19	16 37	1 35
W14	23 33	10 50	5 5	25 12	1 42	24 12	0 38	2 7	0 14	19 4	0 43	22 16	0 20	2 24	0 45	22 38	0 51	2 48	13 57	20 33	20 18	26 19	16 37	1 35
T 15	23 34	15 36	5 13	25 11	1 45	24 14	0 40	2 18	0 15	19 7	0 43	22 15	0 20	2 24	0 45	22 38	0 51	2 48	13 57	20 34	20 18	26 20	16 38	1 35
F 16	23 34	19 41	5 7	25 7	1 48	24 14	0 42	2 30	0 17	19 10	0 43	22 14	0 20	2 24	0 45	22 38	0 51	2 49	13 56	20 35	20 19	26 20	16 39	1 35
S 17	23 34	22 56	4 47	25 1	1 50	24 14	0 44	2 42	0 18	19 12	0 43	22 12	0 21	2 24	0 45	22 38	0 51	2 49	13 56	20 36	20 20	26 20	16 40	1 36
S 18	23 34	25 11	4 16	24 52	1 52	24 14	0 47	2 54	0 19	19 15	0 43	22 11	0 21	2 23	0 45	22 38	0 51	2 49	13 55	20 36	20 20	26 20	16 41	1 36
M19	23 33	26 18	3 33	24 41	1 53	24 12	0 48	3 6	0 21	19 18	0 43	22 10	0 21	2 23	0 45	22 38	0 51	2 49	13 55	20 37	20 21	26 20	16 41	1 36
T 20	23 31	26 14	2 41	24 28	1 53	24 10	0 50	3 18	0 22	19 21	0 43	22 9	0 21	2 23	0 45	22 38	0 51	2 49	13 54	20 38	20 22	26 20	16 42	1 36
W21	23 30	24 57	1 43	24 13	1 52	24 7	0 52	3 30	0 23	19 24	0 43	22 8	0 21	2 23	0 45	22 38	0 51	2 49	13 54	20 39	20 22	26 20	16 43	1 36
T 22	23 28	22 32	0 39	23 55	1 51	24 3	0 54	3 43	0 25	19 26	0 43	22 7	0 21	2 23	0 45	22 38	0 51	2 49	13 54	20 39	20 23	26 20	16 44	1 36
F 23	23 25	19 6	0s28	23 36	1 49	23 59	0 56	3 55	0 26	19 29	0 43	22 6	0 21	2 23	0 45	22 38	0 51	2 50	13 53	20 39	20 24	26 20	16 44	1 36
S 24	23 22	14 49	1 34	23 16	1 47	23 54	0 58	4 7	0 27	19 32	0 43	22 5	0 21	2 23	0 45	22 38	0 51	2 50	13 53	20 39	20 24	26 21	16 45	1 37
S 25	23 19	9 52	2 36	22 53	1 44	23 48	1 0	4 20	0 29	19 34	0 43	22 3	0 21	2 23	0 45	22 38	0 50	2 50	13 52	20 38	20 25	26 21	16 46	1 37
M26	23 15	4 26	3 33	22 30	1 40	23 42	1 1	4 33	0 30	19 37	0 43	22 2	0 21	2 23	0 45	22 38	0 50	2 50	13 52	20 38	20 26	26 21	16 47	1 37
T 27	23 11	1s19	4 20	22 5	1 36	23 35	1 3	4 45	0 31	19 40	0 43	22 1	0 21	2 23	0 45	22 38	0 50	2 51	13 51	20 38	20 26	26 21	16 47	1 37
W28	23 6	7 8	4 54	21 39	1 32	23 27	1 5	4 58	0 32	19 42	0 43	22 0	0 21	2 23	0 45	22 39	0 50	2 51	13 51	20 38	20 27	26 21	16 48	1 37
T 29	23 1	12 46	5 13	21 11	1 26	23 18	1 6	5 11	0 33	19 45	0 43	21 59	0 21	2 23	0 45	22 39	0 50	2 51	13 50	20 38	20 28	26 21	16 49	1 37
F 30	22n56	17s56	5s14	20n43	1n21	23n 9	1n 8	5s24	0s35	19n47	0s43	21n57	0n22	2s23	0s46	22s39	0n50	2s51	13n50	20s38	20s28	26n21	16n49	1s38

Julian Day Number = 2087920.5, Delta T = 24m02s
Ecliptic obliquity = 23°34'10, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'50, Lahiri = 9°58'51 Julian Calendar 1 June 1004 == Greg. Calendar 7 June 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

JULY 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 58 13	13♋56'22	18♏40	5♌24	21♋31	12♎47	1♊17	23♋ 5	25°R45	4°R42	13°R50	28°R11	28♑57	16♊45	22♉ 9	S 1
S 2	19 2 9	14°53'37	3♐23	6°58	22°45	13°17	1°29	23°13	25♓45	4♑40	13♏49	28♑10	28°54	16°52	22°13	S 2
M 3	19 6 6	15°50'52	18°20	8°31	23°59	13°48	1°41	23°21	25°45	4°39	13°49	28° 8	28°51	16°59	22°16	M 3
T 4	19 10 2	16°48'08	3♑24	10° 1	25°13	14°20	1°53	23°28	25°44	4°37	13°48	28° 7	28°47	17° 5	22°19	T 4
W 5	19 13 59	17°45'24	18°24	11°30	26°27	14°51	2° 4	23°36	25°44	4°35	13°48	28° 7	28°44	17°12	22°22	W 5
T 6	19 17 55	18°42'41	3♒14	12°57	27°41	15°23	2°16	23°44	25°43	4°34	13°47	28°D 7	28°41	17°19	22°24	T 6
F 7	19 21 52	19°39'59	17°46	14°21	28°55	15°55	2°28	23°51	25°43	4°32	13°47	28° 7	28°38	17°26	22°27	F 7
S 8	19 25 48	20°37'18	1♓54	15°44	0♌ 9	16°28	2°39	23°59	25°42	4°31	13°47	28° 7	28°35	17°32	22°30	S 8
S 9	19 29 45	21°34'37	15°36	17° 5	1°22	17° 0	2°50	24° 7	25°42	4°29	13°46	28° 8	28°32	17°39	22°33	S 9
M10	19 33 42	22°31'58	28°53	18°24	2°36	17°33	3° 2	24°15	25°41	4°28	13°46	28° 9	28°28	17°46	22°36	M10
T 11	19 37 38	23°29'20	11♈45	19°40	3°50	18° 6	3°13	24°22	25°40	4°26	13°46	28° 9	28°25	17°52	22°38	T 11
W12	19 41 35	24°26'43	24°17	20°55	5° 4	18°39	3°24	24°30	25°39	4°25	13°45	28°R 9	28°22	17°59	22°41	W12
T 13	19 45 31	25°24'08	6♉32	22° 7	6°18	19°12	3°35	24°38	25°39	4°23	13°45	28° 9	28°19	18° 6	22°43	T 13
F 14	19 49 28	26°21'33	18°34	23°17	7°32	19°46	3°46	24°46	25°38	4°22	13°45	28° 9	28°16	18°12	22°46	F 14
S 15	19 53 24	27°19'00	0♊28	24°25	8°46	20°20	3°57	24°53	25°37	4°20	13°45	28° 9	28°12	18°19	22°48	S 15
S 16	19 57 21	28°16'29	12°17	25°30	10° 0	20°54	4° 8	25° 1	25°36	4°19	13°45	28°D 9	28° 9	18°26	22°51	S 16
M17	20 1 17	29°13'58	24° 7	26°32	11°14	21°28	4°18	25° 9	25°35	4°17	13°44	28° 9	28° 6	18°32	22°53	M17
T 18	20 5 14	0♌11'29	6♋ 0	27°32	12°28	22° 2	4°29	25°16	25°34	4°16	13°44	28° 9	28° 3	18°39	22°56	T 18
W19	20 9 11	1° 9'01	17°58	28°30	13°42	22°37	4°39	25°24	25°33	4°15	13°D44	28° 9	28° 0	18°46	22°58	W19
T 20	20 13 7	2° 6'34	0♌ 4	29°24	14°56	23°12	4°50	25°32	25°32	4°13	13°44	28°R 9	27°57	18°52	23° 0	T 20
F 21	20 17 4	3° 4'09	12°20	0♍15	16°10	23°47	5° 0	25°40	25°30	4°12	13°44	28° 9	27°53	18°59	23° 2	F 21
S 22	20 21 0	4° 1'44	24°48	1° 3	17°24	24°22	5°10	25°47	25°29	4°10	13°44	28° 9	27°50	19° 6	23° 4	S 22
S 23	20 24 57	4°59'21	7♍28	1°48	18°38	24°57	5°20	25°55	25°28	4° 9	13°45	28° 8	27°47	19°12	23° 6	S 23
M24	20 28 53	5°56'59	20°22	2°29	19°52	25°33	5°30	26° 3	25°27	4° 8	13°45	28° 7	27°44	19°19	23° 8	M24
T 25	20 32 50	6°54'37	3♎30	3° 6	21° 6	26° 9	5°40	26°10	25°25	4° 6	13°45	28° 6	27°41	19°26	23°10	T 25
W26	20 36 46	7°52'17	16°54	3°39	22°20	26°45	5°50	26°18	25°24	4° 5	13°45	28° 5	27°38	19°32	23°12	W26
T 27	20 40 43	8°49'58	0♏34	4° 8	23°34	27°21	5°59	26°26	25°23	4° 4	13°45	28° 5	27°34	19°39	23°14	T 27
F 28	20 44 40	9°47'40	14°30	4°33	24°48	27°57	6° 9	26°33	25°21	4° 3	13°46	28°D 4	27°31	19°46	23°16	F 28
S 29	20 48 36	10°45'24	28°41	4°53	26° 2	28°33	6°18	26°41	25°20	4° 1	13°46	28° 5	27°28	19°52	23°17	S 29
S 30	20 52 33	11°43'08	13♐ 6	5° 8	27°16	29°10	6°28	26°48	25°18	4° 0	13°46	28° 6	27°25	19°59	23°19	S 30
M31	20 56 29	12♌40'54	27♐40	5♍18	28♌30	29♎47	6♊37	26♋56	25♓17	3♑59	13♏47	28♑ 7	27♑22	20♊ 6	23♉21	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n50	22s13	4s56	20n14	1n15	22n59	1n 9	5s37	0s36	19n50	0s43	21n56	0n22	2s24	0s46	22s39	0n50	2s52	13n49	20s38	20s29	26n21	16n50	1s38
S 2	22 44	25 10	4 19	19 44	1 8	22 48	1 11	5 50	0 37	19 52	0 43	21 55	0 22	2 24	0 46	22 39	0 50	2 52	13 49	20 38	20 30	26 21	16 51	1 38
M 3	22 37	26 25	3 23	19 13	1 2	22 37	1 12	6 4	0 38	19 55	0 43	21 54	0 22	2 24	0 46	22 39	0 50	2 52	13 48	20 39	20 30	26 21	16 51	1 38
T 4	22 30	25 44	2 13	18 42	0 54	22 25	1 14	6 17	0 39	19 57	0 43	21 53	0 22	2 24	0 46	22 39	0 50	2 53	13 48	20 39	20 31	26 21	16 52	1 38
W 5	22 23	23 11	0 54	18 10	0 47	22 12	1 15	6 30	0 40	19 59	0 43	21 51	0 22	2 24	0 46	22 39	0 50	2 53	13 47	20 39	20 31	26 21	16 52	1 38
T 6	22 15	19 5	0n28	17 38	0 39	21 59	1 16	6 43	0 41	20 2	0 43	21 50	0 22	2 25	0 46	22 39	0 50	2 53	13 47	20 39	20 32	26 21	16 53	1 39
F 7	22 7	13 54	1 47	17 6	0 30	21 45	1 17	6 57	0 42	20 4	0 43	21 49	0 22	2 25	0 46	22 39	0 50	2 54	13 46	20 39	20 33	26 21	16 54	1 39
S 8	21 59	8 6	2 57	16 33	0 22	21 30	1 18	7 10	0 43	20 6	0 43	21 48	0 22	2 25	0 46	22 39	0 50	2 54	13 46	20 39	20 33	26 21	16 54	1 39
S 9	21 50	2 7	3 54	16 0	0 13	21 15	1 19	7 24	0 44	20 8	0 43	21 46	0 22	2 25	0 46	22 39	0 50	2 54	13 45	20 39	20 34	26 21	16 55	1 39
M10	21 40	3n47	4 37	15 27	0 3	20 59	1 20	7 37	0 45	20 11	0 43	21 45	0 22	2 26	0 46	22 39	0 50	2 55	13 45	20 39	20 35	26 21	16 55	1 39
T 11	21 31	9 20	5 4	14 54	0s 6	20 43	1 21	7 51	0 46	20 13	0 43	21 44	0 22	2 26	0 46	22 39	0 50	2 55	13 44	20 39	20 35	26 21	16 56	1 40
W12	21 21	14 22	5 17	14 21	0 16	20 26	1 22	8 5	0 47	20 15	0 43	21 42	0 23	2 26	0 46	22 40	0 50	2 56	13 44	20 39	20 36	26 21	16 56	1 40
T 13	21 10	18 42	5 14	13 48	0 26	20 8	1 23	8 18	0 48	20 17	0 43	21 41	0 23	2 27	0 46	22 40	0 50	2 56	13 43	20 39	20 37	26 21	16 57	1 40
F 14	21 0	22 12	4 58	13 15	0 36	19 50	1 24	8 32	0 49	20 19	0 43	21 40	0 23	2 27	0 46	22 40	0 50	2 56	13 43	20 39	20 37	26 21	16 57	1 40
S 15	20 49	24 44	4 28	12 43	0 47	19 31	1 25	8 46	0 50	20 21	0 43	21 39	0 23	2 27	0 46	22 40	0 50	2 57	13 42	20 39	20 38	26 21	16 57	1 40
S 16	20 37	26 9	3 48	12 11	0 58	19 12	1 25	8 59	0 51	20 23	0 43	21 37	0 23	2 28	0 46	22 40	0 50	2 57	13 42	20 39	20 39	26 21	16 58	1 40
M17	20 25	26 24	2 58	11 40	1 8	18 52	1 26	9 13	0 52	20 25	0 43	21 36	0 23	2 28	0 46	22 40	0 50	2 58	13 41	20 39	20 39	26 21	16 58	1 41
T 18	20 13	25 26	2 0	11 9	1 20	18 32	1 26	9 27	0 53	20 27	0 43	21 35	0 23	2 29	0 46	22 40	0 50	2 58	13 41	20 39	20 40	26 20	16 59	1 41
W19	20 1	23 17	0 56	10 39	1 31	18 11	1 27	9 41	0 54	20 29	0 43	21 33	0 23	2 29	0 46	22 40	0 50	2 59	13 40	20 39	20 40	26 20	16 59	1 41
T 20	19 48	20 4	0s11	10 9	1 42	17 50	1 27	9 55	0 55	20 31	0 43	21 32	0 23	2 30	0 46	22 40	0 50	2 59	13 40	20 39	20 41	26 20	16 59	1 41
F 21	19 35	15 57	1 18	9 41	1 53	17 28	1 27	10 8	0 56	20 33	0 43	21 31	0 23	2 30	0 46	22 40	0 50	3 0	13 39	20 39	20 42	26 20	17 0	1 41
S 22	19 21	11 5	2 23	9 13	2 5	17 6	1 28	10 22	0 57	20 34	0 43	21 29	0 23	2 31	0 46	22 40	0 50	3 0	13 39	20 39	20 42	26 20	17 0	1 42
S 23	19 7	5 42	3 21	8 47	2 16	16 43	1 28	10 36	0 57	20 36	0 43	21 28	0 24	2 31	0 46	22 40	0 50	3 1	13 38	20 39	20 43	26 20	17 1	1 42
M24	18 53	0s 0	4 11	8 21	2 27	16 20	1 28	10 50	0 58	20 38	0 43	21 27	0 24	2 32	0 46	22 40	0 50	3 1	13 38	20 39	20 44	26 20	17 1	1 42
T 25	18 39	5 48	4 48	7 57	2 39	15 56	1 28	11 4	0 59	20 40	0 43	21 25	0 24	2 32	0 46	22 40	0 50	3 2	13 37	20 39	20 44	26 20	17 1	1 42
W26	18 24	11 27	5 11	7 35	2 50	15 32	1 28	11 18	1 0	20 41	0 43	21 24	0 24	2 33	0 46	22 41	0 50	3 3	13 36	20 39	20 45	26 19	17 1	1 42
T 27	18 9	16 40	5 16	7 14	3 1	15 7	1 28	11 32	1 1	20 43	0 43	21 22	0 24	2 33	0 46	22 41	0 50	3 3	13 36	20 40	20 46	26 19	17 2	1 43
F 28	17 54	21 6	5 4	6 55	3 12	14 42	1 28	11 45	1 1	20 45	0 43	21 21	0 24	2 34	0 46	22 41	0 50	3 4	13 35	20 40	20 46	26 19	17 2	1 43
S 29	17 38	24 24	4 33	6 38	3 22	14 17	1 28	11 59	1 2	20 46	0 43	21 20	0 24	2 35	0 46	22 41	0 50	3 4	13 35	20 39	20 47	26 19	17 2	1 43
S 30	17 22	26 12	3 44	6 23	3 32	13 51	1 27	12 13	1 3	20 48	0 43	21 18	0 24	2 35	0 46	22 41	0 50	3 5	13 34	20 39	20 47	26 19	17 2	1 43
M31	17n 6	26s14	2s41	6n11	3s42	13n25	1n27	12s27	1s 4	20n49	0s43	21n17	0n24	2s36	0s46	22s41	0n50	3s 6	13n34	20s39	20s48	26n19	17n 3	1s43

Julian Day Number = 2087950.5, Delta T = 24m01s
Ecliptic obliquity = 23°34'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'54, Lahiri = 9°58'55 Julian Calendar 1 July 1004 == Greg. Calendar 7 July 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

AUGUST 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 0 26	13♌38'41	12♑20	5°R22	29♌43	0♏24	6♊46	27♋ 3	25°R15	3°R58	13♏47	28♑ 8	27♑18	20♊12	23♉22	T 1
W 2	21 4 22	14°36'29	27° 0	5♍21	0♍57	1° 1	6°55	27°11	25♓13	3♑57	13°48	28°R 8	27°15	20°19	23°24	W 2
T 3	21 8 19	15°34'18	11♒34	5°15	2°11	1°38	7° 3	27°18	25°12	3°56	13°48	28° 8	27°12	20°26	23°25	T 3
F 4	21 12 16	16°32'09	25°55	5° 2	3°25	2°16	7°12	27°26	25°10	3°54	13°48	28° 7	27° 9	20°32	23°26	F 4
S 5	21 16 12	17°30'02	9♓59	4°44	4°39	2°53	7°21	27°33	25° 8	3°53	13°49	28° 4	27° 6	20°39	23°28	S 5
S 6	21 20 9	18°27'56	23°40	4°19	5°53	3°31	7°29	27°41	25° 6	3°52	13°50	28° 2	27° 3	20°46	23°29	S 6
M 7	21 24 5	19°25'52	6♈59	3°49	7° 7	4° 9	7°37	27°48	25° 5	3°51	13°50	27°59	26°59	20°52	23°30	M 7
T 8	21 28 2	20°23'50	19°54	3°13	8°21	4°47	7°46	27°55	25° 3	3°50	13°51	27°56	26°56	20°59	23°31	T 8
W 9	21 31 58	21°21'50	2♉28	2°31	9°35	5°25	7°54	28° 3	25° 1	3°49	13°52	27°54	26°53	21° 6	23°32	W 9
T 10	21 35 55	22°19'51	14°45	1°45	10°49	6° 4	8° 1	28°10	24°59	3°48	13°52	27°52	26°50	21°13	23°33	T 10
F 11	21 39 51	23°17'55	26°48	0°55	12° 3	6°42	8° 9	28°17	24°57	3°48	13°53	27°D52	26°47	21°19	23°34	F 11
S 12	21 43 48	24°16'01	8♊42	0° 1	13°17	7°21	8°17	28°25	24°55	3°47	13°54	27°53	26°44	21°26	23°35	S 12
S 13	21 47 44	25°14'09	20°31	29♌ 4	14°31	7°59	8°24	28°32	24°53	3°46	13°55	27°54	26°40	21°33	23°36	S 13
M14	21 51 41	26°12'18	2♋22	28° 6	15°45	8°38	8°32	28°39	24°51	3°45	13°55	27°56	26°37	21°39	23°36	M14
T 15	21 55 38	27°10'30	14°18	27° 8	16°59	9°17	8°39	28°46	24°49	3°44	13°56	27°58	26°34	21°46	23°37	T 15
W16	21 59 34	28° 8'44	26°22	26°11	18°13	9°57	8°46	28°53	24°47	3°43	13°57	27°R58	26°31	21°53	23°38	W16
T 17	22 3 31	29° 6'59	8♌39	25°16	19°27	10°36	8°53	29° 0	24°45	3°43	13°58	27°58	26°28	21°59	23°38	T 17
F 18	22 7 27	0♍ 5'17	21°10	24°25	20°40	11°16	8°59	29° 7	24°43	3°42	13°59	27°56	26°24	22° 6	23°38	F 18
S 19	22 11 24	1° 3'36	3♍56	23°39	21°54	11°55	9° 6	29°14	24°41	3°41	14° 0	27°52	26°21	22°13	23°39	S 19
S 20	22 15 20	2° 1'57	16°59	22°58	23° 8	12°35	9°12	29°21	24°38	3°40	14° 1	27°47	26°18	22°19	23°39	S 20
M21	22 19 17	3° 0'20	0♎16	22°25	24°22	13°15	9°19	29°28	24°36	3°40	14° 2	27°42	26°15	22°26	23°39	M21
T 22	22 23 13	3°58'45	13°46	21°59	25°36	13°55	9°25	29°35	24°34	3°39	14° 3	27°36	26°12	22°33	23°40	T 22
W23	22 27 10	4°57'11	27°28	21°42	26°50	14°35	9°31	29°42	24°32	3°39	14° 4	27°31	26° 9	22°39	23°40	W23
T 24	22 31 7	5°55'40	11♏20	21°D34	28° 4	15°15	9°36	29°49	24°30	3°38	14° 6	27°27	26° 5	22°46	23°R40	T 24
F 25	22 35 3	6°54'09	25°20	21°35	29°18	15°56	9°42	29°55	24°27	3°38	14° 7	27°25	26° 2	22°53	23°40	F 25
S 26	22 39 0	7°52'41	9♐27	21°46	0♎32	16°36	9°47	0♌ 2	24°25	3°37	14° 8	27°D24	25°59	22°59	23°40	S 26
S 27	22 42 56	8°51'14	23°38	22° 6	1°46	17°17	9°53	0° 9	24°23	3°37	14° 9	27°25	25°56	23° 6	23°40	S 27
M28	22 46 53	9°49'49	7♑52	22°35	2°59	17°58	9°58	0°15	24°20	3°36	14°11	27°26	25°53	23°13	23°39	M28
T 29	22 50 49	10°48'26	22° 7	23°13	4°13	18°39	10° 3	0°22	24°18	3°36	14°12	27°R27	25°50	23°19	23°39	T 29
W30	22 54 46	11°47'04	6♒20	23°59	5°27	19°20	10° 8	0°28	24°16	3°35	14°13	27°27	25°46	23°26	23°39	W30
T 31	22 58 42	12♍45'44	20♒29	24♌54	6♎41	20♏ 1	10♊12	0♌35	24♓13	3♑35	14♏15	27♑25	25♑43	23♊33	23♉38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16n49	24s26	1s26	6n 0	3s51	12n59	1n26	12s41	1s 4	20n51	0s43	21n16	0n24	2s37	0s47	22s41	0n50	3s 6	13n33	20s39	20s49	26n18	17n 3	1s44	T 1
W 2	16 32	20 58	0 6	5 53	4 0	12 32	1 26	12 54	1 5	20 52	0 43	21 14	0 25	2 37	0 47	22 41	0 50	3 7	13 33	20 39	20 49	26 18	17 3	1 44	W 2
T 3	16 15	16 14	1n14	5 48	4 8	12 5	1 25	13 8	1 6	20 54	0 43	21 13	0 25	2 38	0 47	22 41	0 50	3 8	13 32	20 39	20 50	26 18	17 3	1 44	T 3
F 4	15 58	10 38	2 28	5 46	4 14	11 37	1 25	13 22	1 7	20 55	0 43	21 11	0 25	2 39	0 47	22 41	0 50	3 8	13 32	20 39	20 51	26 18	17 3	1 44	F 4
S 5	15 40	4 37	3 31	5 48	4 20	11 10	1 24	13 36	1 7	20 57	0 43	21 10	0 25	2 39	0 47	22 41	0 50	3 9	13 31	20 40	20 51	26 18	17 3	1 44	S 5
S 6	15 23	1n27	4 20	5 52	4 25	10 41	1 23	13 49	1 8	20 58	0 43	21 9	0 25	2 40	0 47	22 41	0 50	3 9	13 31	20 40	20 52	26 17	17 3	1 45	S 6
M 7	15 4	7 17	4 54	6 0	4 28	10 13	1 22	14 3	1 9	20 59	0 43	21 7	0 25	2 41	0 47	22 41	0 50	3 10	13 30	20 41	20 52	26 17	17 3	1 45	M 7
T 8	14 46	12 37	5 12	6 11	4 30	9 45	1 22	14 16	1 9	21 1	0 43	21 6	0 25	2 42	0 47	22 41	0 49	3 11	13 30	20 41	20 53	26 17	17 4	1 45	T 8
W 9	14 27	17 18	5 14	6 26	4 30	9 16	1 21	14 30	1 10	21 2	0 43	21 5	0 25	2 42	0 47	22 41	0 49	3 12	13 29	20 42	20 54	26 17	17 4	1 45	W 9
T 10	14 9	21 8	5 1	6 43	4 29	8 47	1 20	14 43	1 11	21 3	0 43	21 3	0 25	2 43	0 47	22 41	0 49	3 12	13 29	20 42	20 54	26 16	17 4	1 45	T 10
F 11	13 50	24 1	4 36	7 4	4 26	8 17	1 18	14 57	1 11	21 4	0 43	21 2	0 25	2 44	0 47	22 42	0 49	3 13	13 28	20 42	20 55	26 16	17 4	1 46	F 11
S 12	13 30	25 48	3 58	7 28	4 20	7 48	1 17	15 10	1 12	21 6	0 43	21 0	0 26	2 45	0 47	22 42	0 49	3 14	13 28	20 42	20 55	26 16	17 4	1 46	S 12
S 13	13 11	26 25	3 11	7 54	4 13	7 18	1 16	15 23	1 12	21 7	0 43	20 59	0 26	2 45	0 47	22 42	0 49	3 14	13 27	20 42	20 56	26 15	17 4	1 46	S 13
M14	12 51	25 49	2 16	8 23	4 4	6 48	1 15	15 37	1 13	21 8	0 43	20 58	0 26	2 46	0 47	22 42	0 49	3 15	13 26	20 41	20 57	26 15	17 4	1 46	M14
T 15	12 31	24 2	1 14	8 53	3 53	6 18	1 13	15 50	1 14	21 9	0 43	20 56	0 26	2 47	0 47	22 42	0 49	3 16	13 26	20 41	20 57	26 15	17 4	1 46	T 15
W16	12 11	21 8	0 9	9 24	3 40	5 47	1 12	16 3	1 14	21 10	0 43	20 55	0 26	2 48	0 47	22 42	0 49	3 17	13 25	20 41	20 58	26 15	17 4	1 47	W16
T 17	11 51	17 16	0s58	9 56	3 26	5 17	1 11	16 16	1 15	21 11	0 43	20 54	0 26	2 49	0 47	22 42	0 49	3 17	13 25	20 41	20 59	26 14	17 3	1 47	T 17
F 18	11 30	12 34	2 3	10 28	3 10	4 46	1 9	16 29	1 15	21 12	0 43	20 52	0 26	2 50	0 47	22 42	0 49	3 18	13 24	20 41	20 59	26 14	17 3	1 47	F 18
S 19	11 9	7 16	3 4	11 0	2 53	4 16	1 7	16 42	1 16	21 13	0 44	20 51	0 26	2 51	0 47	22 42	0 49	3 19	13 24	20 42	21 0	26 14	17 3	1 47	S 19
S 20	10 48	1 33	3 56	11 30	2 35	3 45	1 6	16 54	1 16	21 14	0 44	20 50	0 26	2 51	0 47	22 42	0 49	3 20	13 23	20 43	21 0	26 13	17 3	1 48	S 20
M21	10 27	4s19	4 36	11 59	2 16	3 14	1 4	17 7	1 17	21 15	0 44	20 48	0 27	2 52	0 47	22 42	0 49	3 20	13 23	20 44	21 1	26 13	17 3	1 48	M21
T 22	10 6	10 5	5 2	12 25	1 57	2 43	1 2	17 20	1 17	21 16	0 44	20 47	0 27	2 53	0 47	22 42	0 49	3 21	13 22	20 45	21 2	26 13	17 3	1 48	T 22
W23	9 45	15 27	5 11	12 49	1 37	2 11	1 0	17 32	1 18	21 17	0 44	20 46	0 27	2 54	0 47	22 42	0 49	3 22	13 22	20 46	21 2	26 12	17 3	1 48	W23
T 24	9 23	20 5	5 2	13 10	1 18	1 40	0 59	17 45	1 18	21 18	0 44	20 44	0 27	2 55	0 47	22 42	0 49	3 23	13 21	20 47	21 3	26 12	17 2	1 48	T 24
F 25	9 1	23 38	4 35	13 27	0 59	1 9	0 57	17 57	1 19	21 18	0 44	20 43	0 27	2 56	0 47	22 42	0 49	3 24	13 21	20 47	21 3	26 12	17 2	1 49	F 25
S 26	8 40	25 48	3 51	13 41	0 41	0 37	0 55	18 9	1 19	21 19	0 44	20 42	0 27	2 57	0 47	22 42	0 49	3 24	13 21	20 48	21 4	26 11	17 2	1 49	S 26
S 27	8 18	26 18	2 53	13 52	0 23	0 6	0 53	18 21	1 20	21 20	0 44	20 40	0 27	2 58	0 47	22 42	0 49	3 25	13 20	20 47	21 5	26 11	17 2	1 49	S 27
M28	7 55	25 4	1 44	13 58	0 6	0s25	0 51	18 33	1 20	21 21	0 44	20 39	0 27	2 59	0 47	22 42	0 49	3 26	13 20	20 47	21 5	26 10	17 2	1 49	M28
T 29	7 33	22 13	0 29	14 1	0n10	0 57	0 48	18 45	1 20	21 21	0 44	20 38	0 27	3 0	0 47	22 42	0 49	3 27	13 19	20 47	21 6	26 10	17 1	1 49	T 29
W30	7 11	18 1	0n48	13 59	0 25	1 28	0 46	18 57	1 21	21 22	0 44	20 36	0 28	3 1	0 47	22 43	0 49	3 28	13 19	20 47	21 6	26 10	17 1	1 50	W30
T 31	6n48	12s50	2n 1	13n54	0n39	2s 0	0n44	19s 9	1s21	21n23	0s44	20n35	0n28	3s 1	0s47	22s43	0n49	3s28	13n18	20s47	21s 7	26n 9	17n 1	1s50	T 31

Julian Day Number = 2087981.5, Delta T = 24m01s
Ecliptic obliquity = 23°34'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°51'59, Lahiri = 9°58'59 Julian Calendar 1 Aug. 1004 == Greg. Calendar 7 Aug. 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

SEPTEMBER 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 2 39	13♍44'26	4♓28	25♌56	7♎55	20♏42	10♊17	0♌41	24°R11	3°R35	14♏16	27°R21	25♑40	23♊39	23°R38	F 1
S 2	23 6 36	14°43'10	18°15	27° 5	9° 8	21°23	10°21	0°47	24♓ 9	3♑35	14°17	27♑14	25°37	23°46	23♉37	S 2
S 3	23 10 32	15°41'56	1♈46	28°20	10°22	22° 5	10°25	0°54	24° 6	3°34	14°19	27° 6	25°34	23°53	23°37	S 3
M 4	23 14 29	16°40'44	14°58	29°41	11°36	22°46	10°29	1° 0	24° 4	3°34	14°20	26°58	25°30	23°59	23°36	M 4
T 5	23 18 25	17°39'34	27°50	1♍ 7	12°50	23°28	10°33	1° 6	24° 1	3°34	14°22	26°49	25°27	24° 6	23°35	T 5
W 6	23 22 22	18°38'26	10♉24	2°37	14° 3	24°10	10°36	1°12	23°59	3°34	14°23	26°42	25°24	24°13	23°35	W 6
T 7	23 26 18	19°37'21	22°40	4°11	15°17	24°52	10°39	1°18	23°57	3°34	14°25	26°36	25°21	24°19	23°34	T 7
F 8	23 30 15	20°36'18	4♊43	5°48	16°31	25°34	10°43	1°24	23°54	3°34	14°27	26°33	25°18	24°26	23°33	F 8
S 9	23 34 11	21°35'18	16°36	7°27	17°45	26°16	10°46	1°30	23°52	3°34	14°28	26°D31	25°15	24°33	23°32	S 9
S 10	23 38 8	22°34'20	28°26	9° 9	18°58	26°58	10°48	1°36	23°49	3°D34	14°30	26°31	25°11	24°39	23°31	S 10
M11	23 42 5	23°33'24	10♋16	10°52	20°12	27°40	10°51	1°41	23°47	3°34	14°31	26°32	25° 8	24°46	23°30	M11
T 12	23 46 1	24°32'30	22°13	12°37	21°26	28°23	10°53	1°47	23°45	3°34	14°33	26°R33	25° 5	24°53	23°28	T 12
W13	23 49 58	25°31'39	4♌21	14°22	22°39	29° 5	10°56	1°53	23°42	3°34	14°35	26°32	25° 2	24°59	23°27	W13
T 14	23 53 54	26°30'50	16°45	16° 8	23°53	29°48	10°58	1°58	23°40	3°34	14°37	26°30	24°59	25° 6	23°26	T 14
F 15	23 57 51	27°30'03	29°28	17°55	25° 7	0♐30	10°59	2° 4	23°37	3°34	14°38	26°26	24°55	25°13	23°25	F 15
S 16	0 1 47	28°29'19	12♍31	19°41	26°20	1°13	11° 1	2° 9	23°35	3°34	14°40	26°19	24°52	25°19	23°23	S 16
S 17	0 5 44	29°28'37	25°55	21°28	27°34	1°56	11° 2	2°15	23°32	3°34	14°42	26°10	24°49	25°26	23°22	S 17
M18	0 9 40	0♎27'56	9♎38	23°15	28°48	2°39	11° 4	2°20	23°30	3°35	14°44	25°59	24°46	25°33	23°20	M18
T 19	0 13 37	1°27'18	23°36	25° 1	0♏ 1	3°22	11° 5	2°25	23°28	3°35	14°46	25°48	24°43	25°39	23°18	T 19
W20	0 17 33	2°26'42	7♏44	26°47	1°15	4° 5	11° 6	2°30	23°25	3°35	14°48	25°38	24°40	25°46	23°17	W20
T 21	0 21 30	3°26'08	21°59	28°33	2°28	4°49	11° 6	2°35	23°23	3°36	14°49	25°30	24°36	25°53	23°15	T 21
F 22	0 25 27	4°25'36	6♐14	0♎18	3°42	5°32	11° 7	2°40	23°20	3°36	14°51	25°25	24°33	25°59	23°13	F 22
S 23	0 29 23	5°25'05	20°28	2° 2	4°55	6°15	11° 7	2°45	23°18	3°37	14°53	25°22	24°30	26° 6	23°11	S 23
S 24	0 33 20	6°24'37	4♑37	3°46	6° 9	6°59	11°R 7	2°50	23°16	3°37	14°55	25°D21	24°27	26°13	23°10	S 24
M25	0 37 16	7°24'10	18°40	5°29	7°23	7°43	11° 7	2°55	23°13	3°37	14°57	25°R21	24°24	26°19	23° 8	M25
T 26	0 41 13	8°23'45	2♒37	7°12	8°36	8°26	11° 6	2°59	23°11	3°38	14°59	25°21	24°21	26°26	23° 6	T 26
W27	0 45 9	9°23'21	16°27	8°54	9°49	9°10	11° 6	3° 4	23° 9	3°39	15° 1	25°20	24°17	26°32	23° 4	W27
T 28	0 49 6	10°23'00	0♓ 9	10°35	11° 3	9°54	11° 5	3° 8	23° 6	3°39	15° 3	25°16	24°14	26°39	23° 1	T 28
F 29	0 53 2	11°22'40	13°43	12°16	12°16	10°38	11° 4	3°13	23° 4	3°40	15° 5	25° 9	24°11	26°46	22°59	F 29
S 30	0 56 59	12♎22'22	27♓ 7	13♎56	13♏30	11♐22	11♊ 3	3♌17	23♓ 2	3♑40	15♏ 7	24♑59	24♑ 8	26♊52	22♉57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n26	7s 2	3n 6	13n45	0n51	2s31	0n42	19s20	1s22	21n23	0s44	20n34	0n28	3s 2	0s47	22s43	0n49	3s29	13n18	20s48	21s 8	26n 9	17n 0	1s50
S 2	6 3	1 0	3 59	13 32	1 3	3 2	0 39	19 32	1 22	21 24	0 44	20 33	0 28	3 3	0 47	22 43	0 49	3 30	13 17	20 50	21 8	26 8	17 0	1 50
S 3	5 40	4n57	4 38	13 15	1 13	3 34	0 37	19 43	1 22	21 24	0 44	20 31	0 28	3 4	0 47	22 43	0 49	3 31	13 17	20 51	21 9	26 8	17 0	1 51
M 4	5 17	10 32	5 0	12 55	1 22	4 5	0 34	19 54	1 23	21 25	0 44	20 30	0 28	3 5	0 47	22 43	0 49	3 32	13 16	20 53	21 9	26 7	16 59	1 51
T 5	4 54	15 31	5 7	12 32	1 29	4 36	0 32	20 5	1 23	21 25	0 44	20 29	0 28	3 6	0 47	22 43	0 49	3 33	13 16	20 54	21 10	26 7	16 59	1 51
W 6	4 31	19 44	4 58	12 5	1 36	5 7	0 30	20 16	1 23	21 26	0 44	20 28	0 28	3 7	0 47	22 43	0 48	3 34	13 15	20 56	21 10	26 7	16 58	1 51
T 7	4 8	22 59	4 36	11 36	1 41	5 38	0 27	20 26	1 24	21 26	0 44	20 27	0 29	3 8	0 47	22 43	0 48	3 34	13 15	20 57	21 11	26 6	16 58	1 51
F 8	3 45	25 9	4 2	11 4	1 46	6 9	0 24	20 37	1 24	21 27	0 44	20 25	0 29	3 9	0 47	22 43	0 48	3 35	13 15	20 58	21 12	26 6	16 58	1 52
S 9	3 21	26 10	3 18	10 30	1 49	6 40	0 22	20 47	1 24	21 27	0 44	20 24	0 29	3 10	0 47	22 43	0 48	3 36	13 14	20 58	21 12	26 5	16 57	1 52
S 10	2 58	25 59	2 25	9 54	1 52	7 10	0 19	20 58	1 25	21 28	0 44	20 23	0 29	3 11	0 47	22 43	0 48	3 37	13 14	20 58	21 13	26 5	16 57	1 52
M11	2 34	24 36	1 26	9 16	1 53	7 41	0 16	21 8	1 25	21 28	0 44	20 22	0 29	3 12	0 47	22 43	0 48	3 38	13 13	20 58	21 13	26 4	16 56	1 52
T 12	2 11	22 6	0 23	8 37	1 54	8 11	0 14	21 17	1 25	21 28	0 44	20 21	0 29	3 13	0 47	22 43	0 48	3 39	13 13	20 58	21 14	26 4	16 56	1 52
W13	1 47	18 36	0s42	7 56	1 54	8 41	0 11	21 27	1 26	21 28	0 44	20 19	0 29	3 14	0 47	22 43	0 48	3 40	13 13	20 58	21 15	26 3	16 55	1 53
T 14	1 24	14 13	1 46	7 14	1 53	9 11	0 8	21 37	1 26	21 29	0 44	20 18	0 29	3 15	0 47	22 43	0 48	3 40	13 12	20 58	21 15	26 3	16 55	1 53
F 15	1 0	9 7	2 46	6 31	1 52	9 41	0 5	21 46	1 26	21 29	0 44	20 17	0 30	3 16	0 47	22 43	0 48	3 41	13 12	20 59	21 16	26 2	16 54	1 53
S 16	0 36	3 31	3 40	5 47	1 49	10 11	0 3	21 55	1 26	21 29	0 44	20 16	0 30	3 17	0 47	22 43	0 48	3 42	13 11	21 0	21 16	26 2	16 54	1 53
S 17	0 13	2s23	4 22	5 2	1 47	10 40	0s 0	22 4	1 27	21 29	0 44	20 15	0 30	3 18	0 47	22 43	0 48	3 43	13 11	21 2	21 17	26 1	16 53	1 53
M18	0s11	8 17	4 51	4 17	1 44	11 9	0 3	22 13	1 27	21 29	0 44	20 14	0 30	3 19	0 47	22 43	0 48	3 44	13 11	21 4	21 17	26 1	16 52	1 54
T 19	0 35	13 53	5 3	3 31	1 40	11 38	0 6	22 22	1 27	21 30	0 44	20 13	0 30	3 20	0 47	22 43	0 48	3 45	13 10	21 6	21 18	26 0	16 52	1 54
W20	0 59	18 50	4 56	2 45	1 36	12 7	0 9	22 30	1 27	21 30	0 44	20 12	0 30	3 21	0 47	22 43	0 48	3 46	13 10	21 8	21 19	25 59	16 51	1 54
T 21	1 22	22 44	4 31	1 59	1 32	12 35	0 12	22 39	1 27	21 30	0 44	20 11	0 30	3 22	0 47	22 43	0 48	3 46	13 9	21 9	21 19	25 59	16 51	1 54
F 22	1 46	25 14	3 50	1 13	1 27	13 3	0 15	22 47	1 28	21 30	0 44	20 10	0 30	3 22	0 47	22 43	0 48	3 47	13 9	21 10	21 20	25 58	16 50	1 54
S 23	2 10	26 7	2 54	0 27	1 22	13 31	0 18	22 55	1 28	21 30	0 44	20 9	0 31	3 23	0 47	22 43	0 48	3 48	13 9	21 11	21 20	25 58	16 49	1 55
S 24	2 34	25 17	1 48	0s20	1 17	13 58	0 21	23 2	1 28	21 30	0 44	20 8	0 31	3 24	0 47	22 43	0 48	3 49	13 8	21 11	21 21	25 57	16 49	1 55
M25	2 57	22 51	0 35	1 6	1 12	14 25	0 24	23 10	1 28	21 30	0 44	20 7	0 31	3 25	0 47	22 43	0 48	3 50	13 8	21 11	21 21	25 57	16 48	1 55
T 26	3 21	19 4	0n38	1 52	1 6	14 52	0 26	23 17	1 28	21 30	0 45	20 6	0 31	3 26	0 47	22 43	0 48	3 51	13 8	21 11	21 22	25 56	16 47	1 55
W27	3 44	14 15	1 49	2 38	1 0	15 18	0 29	23 24	1 28	21 30	0 45	20 5	0 31	3 27	0 47	22 43	0 48	3 52	13 7	21 11	21 22	25 55	16 47	1 55
T 28	4 8	8 47	2 53	3 23	0 54	15 44	0 32	23 31	1 28	21 29	0 45	20 4	0 31	3 28	0 47	22 43	0 48	3 53	13 7	21 12	21 23	25 55	16 46	1 56
F 29	4 31	2 57	3 46	4 8	0 48	16 10	0 35	23 37	1 28	21 29	0 45	20 3	0 31	3 29	0 47	22 44	0 48	3 53	13 7	21 13	21 24	25 54	16 45	1 56
S 30	4s55	2n55	4n26	4s53	0n42	16s35	0s38	23s44	1s29	21n29	0s45	20n 2	0n32	3s30	0s47	22s44	0n48	3s54	13n 6	21s15	21s24	25n54	16n44	1s56

Julian Day Number = 2088012.5, Delta T = 24m00s
Ecliptic obliquity = 23°34'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'03, Lahiri = 9°59'03 Julian Calendar 1 Sept. 1004 == Greg. Calendar 7 Sept. 1004

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1004
geocentric

OCTOBER 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 0 56	13♎22'06	10♈18	15♎36	14♏43	12♐ 6	11°R 1	3♌21	23°R 0	3♑41	15♏10	24°R47	24♑ 5	26♊59	22°R55	S 1
M 2	1 4 52	14°21'52	23°15	17°15	15°57	12°50	11♊ 0	3°25	22♓58	3°42	15°12	24♑34	24° 1	27° 6	22♉53	M 2
T 3	1 8 49	15°21'40	5♉57	18°53	17°10	13°34	10°58	3°29	22°55	3°43	15°14	24°20	23°58	27°12	22°50	T 3
W 4	1 12 45	16°21'31	18°24	20°31	18°23	14°19	10°56	3°33	22°53	3°43	15°16	24° 8	23°55	27°19	22°48	W 4
T 5	1 16 42	17°21'23	0♊36	22° 8	19°36	15° 3	10°54	3°37	22°51	3°44	15°18	23°59	23°52	27°26	22°45	T 5
F 6	1 20 38	18°21'18	12°36	23°45	20°50	15°48	10°52	3°41	22°49	3°45	15°20	23°51	23°49	27°32	22°43	F 6
S 7	1 24 35	19°21'15	24°28	25°21	22° 3	16°32	10°49	3°44	22°47	3°46	15°23	23°47	23°46	27°39	22°40	S 7
S 8	1 28 31	20°21'14	6♋16	26°56	23°16	17°17	10°46	3°48	22°45	3°47	15°25	23°45	23°42	27°46	22°38	S 8
M 9	1 32 28	21°21'15	18° 5	28°32	24°30	18° 1	10°43	3°52	22°43	3°48	15°27	23°45	23°39	27°52	22°35	M 9
T 10	1 36 25	22°21'18	0♌ 1	0♏ 6	25°43	18°46	10°40	3°55	22°41	3°49	15°29	23°44	23°36	27°59	22°32	T 10
W11	1 40 21	23°21'24	12° 8	1°40	26°56	19°31	10°37	3°58	22°39	3°50	15°31	23°44	23°33	28° 6	22°30	W11
T 12	1 44 18	24°21'32	24°33	3°14	28° 9	20°16	10°33	4° 1	22°37	3°51	15°34	23°41	23°30	28°12	22°27	T 12
F 13	1 48 14	25°21'42	7♍20	4°47	29°22	21° 1	10°29	4° 4	22°35	3°52	15°36	23°36	23°27	28°19	22°24	F 13
S 14	1 52 11	26°21'54	20°32	6°20	0♐35	21°46	10°26	4° 7	22°33	3°53	15°38	23°28	23°23	28°26	22°21	S 14
S 15	1 56 7	27°22'07	4♎10	7°53	1°48	22°31	10°21	4°10	22°31	3°54	15°40	23°18	23°20	28°32	22°18	S 15
M16	2 0 4	28°22'23	18°12	9°25	3° 2	23°16	10°17	4°13	22°29	3°55	15°43	23° 6	23°17	28°39	22°16	M16
T 17	2 4 0	29°22'41	2♏34	10°57	4°15	24° 1	10°13	4°16	22°27	3°57	15°45	22°54	23°14	28°46	22°13	T 17
W18	2 7 57	0♏23'01	17° 9	12°28	5°28	24°47	10° 8	4°18	22°26	3°58	15°47	22°42	23°11	28°52	22°10	W18
T 19	2 11 54	1°23'22	1♐51	13°59	6°41	25°32	10° 3	4°21	22°24	3°59	15°50	22°33	23° 7	28°59	22° 7	T 19
F 20	2 15 50	2°23'45	16°31	15°29	7°54	26°17	9°58	4°23	22°22	4° 0	15°52	22°26	23° 4	29° 6	22° 4	F 20
S 21	2 19 47	3°24'10	1♑ 3	16°59	9° 7	27° 3	9°53	4°26	22°20	4° 2	15°54	22°22	23° 1	29°12	22° 1	S 21
S 22	2 23 43	4°24'36	15°23	18°29	10°19	27°48	9°48	4°28	22°19	4° 3	15°57	22°21	22°58	29°19	21°58	S 22
M23	2 27 40	5°25'03	29°30	19°59	11°32	28°34	9°42	4°30	22°17	4° 4	15°59	22°21	22°55	29°26	21°54	M23
T 24	2 31 36	6°25'32	13♒21	21°28	12°45	29°20	9°37	4°32	22°16	4° 6	16° 2	22°21	22°52	29°32	21°51	T 24
W25	2 35 33	7°26'02	26°59	22°56	13°58	0♑ 5	9°31	4°33	22°14	4° 7	16° 4	22°20	22°48	29°39	21°48	W25
T 26	2 39 29	8°26'33	10♓23	24°24	15°11	0°51	9°25	4°35	22°13	4° 9	16° 6	22°16	22°45	29°46	21°45	T 26
F 27	2 43 26	9°27'06	23°35	25°52	16°24	1°37	9°19	4°37	22°11	4°10	16° 9	22° 9	22°42	29°52	21°42	F 27
S 28	2 47 23	10°27'39	6♈36	27°19	17°36	2°23	9°12	4°38	22°10	4°12	16°11	22° 0	22°39	29°59	21°39	S 28
S 29	2 51 19	11°28'15	19°26	28°45	18°49	3° 8	9° 6	4°40	22° 9	4°13	16°13	21°48	22°36	0♋ 6	21°35	S 29
M30	2 55 16	12°28'51	2♉ 4	0♐11	20° 1	3°54	9° 0	4°41	22° 7	4°15	16°16	21°35	22°32	0°12	21°32	M30
T 31	2 59 12	13♏29'30	14♉30	1♐36	21♐14	4♑40	8♊53	4♌42	22♓ 6	4♑16	16♏18	21♑23	22♑29	0♋19	21♉29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s18	8n33	4n51	5s38	0n35	17s 0	0s41	23s50	1s29	21n29	0s45	20n 2	0n32	3s31	0s47	22s44	0n48	3s55	13n 6	21s17	21s25	25n53	16n44	1s56
M 2	5 42	13 43	5 0	6 22	0 29	17 24	0 44	23 56	1 29	21 29	0 45	20 1	0 32	3 31	0 47	22 44	0 48	3 56	13 6	21 20	21 25	25 52	16 43	1 56
T 3	6 5	18 12	4 54	7 6	0 22	17 48	0 47	24 1	1 29	21 28	0 45	20 0	0 32	3 32	0 47	22 44	0 47	3 57	13 6	21 22	21 26	25 52	16 42	1 57
W 4	6 28	21 47	4 34	7 49	0 16	18 12	0 50	24 7	1 29	21 28	0 45	19 59	0 32	3 33	0 47	22 44	0 47	3 58	13 5	21 24	21 26	25 51	16 41	1 57
T 5	6 51	24 20	4 2	8 32	0 9	18 35	0 53	24 12	1 29	21 28	0 45	19 58	0 32	3 34	0 47	22 44	0 47	3 59	13 5	21 26	21 27	25 50	16 41	1 57
F 6	7 14	25 43	3 19	9 14	0 2	18 57	0 56	24 17	1 29	21 28	0 45	19 58	0 32	3 35	0 47	22 44	0 47	3 59	13 5	21 27	21 27	25 50	16 40	1 57
S 7	7 37	25 55	2 28	9 56	0s 5	19 19	0 59	24 22	1 29	21 27	0 45	19 57	0 33	3 36	0 47	22 44	0 47	4 0	13 4	21 28	21 28	25 49	16 39	1 57
S 8	8 0	24 56	1 31	10 37	0 11	19 41	1 2	24 26	1 29	21 27	0 45	19 56	0 33	3 36	0 47	22 44	0 47	4 1	13 4	21 28	21 29	25 48	16 38	1 57
M 9	8 22	22 50	0 30	11 17	0 18	20 2	1 4	24 30	1 29	21 26	0 45	19 56	0 33	3 37	0 47	22 44	0 47	4 2	13 4	21 28	21 29	25 48	16 37	1 58
T 10	8 45	19 43	0s33	11 57	0 25	20 23	1 7	24 34	1 29	21 26	0 45	19 55	0 33	3 38	0 47	22 44	0 47	4 3	13 4	21 28	21 30	25 47	16 36	1 58
W11	9 7	15 43	1 36	12 36	0 31	20 43	1 10	24 38	1 29	21 25	0 45	19 54	0 33	3 39	0 47	22 44	0 47	4 4	13 4	21 28	21 30	25 46	16 36	1 58
T 12	9 30	10 58	2 35	13 15	0 38	21 2	1 13	24 41	1 29	21 25	0 45	19 54	0 33	3 40	0 47	22 44	0 47	4 5	13 3	21 29	21 31	25 46	16 35	1 58
F 13	9 52	5 38	3 29	13 53	0 44	21 21	1 15	24 45	1 29	21 24	0 45	19 53	0 34	3 40	0 47	22 44	0 47	4 5	13 3	21 30	21 31	25 45	16 34	1 58
S 14	10 14	0s 6	4 13	14 30	0 51	21 39	1 18	24 48	1 29	21 24	0 45	19 53	0 34	3 41	0 46	22 44	0 47	4 6	13 3	21 31	21 32	25 44	16 33	1 58
S 15	10 36	6 0	4 44	15 7	0 57	21 57	1 21	24 50	1 29	21 23	0 44	19 52	0 34	3 42	0 46	22 44	0 47	4 7	13 3	21 33	21 32	25 43	16 32	1 59
M16	10 57	11 47	4 59	15 43	1 4	22 14	1 23	24 53	1 29	21 23	0 44	19 51	0 34	3 42	0 46	22 44	0 47	4 8	13 2	21 35	21 33	25 43	16 31	1 59
T 17	11 19	17 3	4 56	16 18	1 10	22 31	1 26	24 55	1 29	21 22	0 44	19 51	0 34	3 43	0 46	22 44	0 47	4 9	13 2	21 37	21 33	25 42	16 30	1 59
W18	11 40	21 25	4 34	16 52	1 16	22 47	1 29	24 57	1 29	21 21	0 44	19 51	0 34	3 44	0 46	22 44	0 47	4 10	13 2	21 39	21 34	25 41	16 29	1 59
T 19	12 1	24 27	3 53	17 25	1 22	23 2	1 31	24 58	1 29	21 21	0 44	19 50	0 34	3 45	0 46	22 44	0 47	4 10	13 2	21 40	21 35	25 40	16 29	1 59
F 20	12 22	25 49	2 57	17 58	1 28	23 17	1 33	25 0	1 29	21 20	0 44	19 50	0 35	3 45	0 46	22 44	0 47	4 11	13 2	21 41	21 35	25 40	16 28	1 59
S 21	12 43	25 24	1 50	18 29	1 33	23 31	1 36	25 1	1 28	21 19	0 44	19 49	0 35	3 46	0 46	22 44	0 47	4 12	13 2	21 42	21 36	25 39	16 27	1 59
S 22	13 4	23 17	0 37	19 0	1 39	23 44	1 38	25 1	1 28	21 19	0 44	19 49	0 35	3 46	0 46	22 44	0 47	4 13	13 1	21 42	21 36	25 38	16 26	2 0
M23	13 24	19 45	0n38	19 30	1 44	23 57	1 41	25 2	1 28	21 18	0 44	19 49	0 35	3 47	0 46	22 44	0 47	4 13	13 1	21 42	21 37	25 37	16 25	2 0
T 24	13 44	15 10	1 49	19 59	1 49	24 9	1 43	25 2	1 28	21 17	0 44	19 48	0 35	3 48	0 46	22 44	0 47	4 14	13 1	21 42	21 37	25 37	16 24	2 0
W25	14 4	9 53	2 53	20 26	1 54	24 20	1 45	25 2	1 28	21 16	0 44	19 48	0 35	3 48	0 46	22 44	0 47	4 15	13 1	21 43	21 38	25 36	16 23	2 0
T 26	14 24	4 14	3 46	20 53	1 59	24 31	1 47	25 2	1 28	21 15	0 44	19 48	0 36	3 49	0 46	22 44	0 47	4 16	13 1	21 43	21 38	25 35	16 22	2 0
F 27	14 43	1n30	4 26	21 19	2 3	24 41	1 49	25 1	1 28	21 14	0 44	19 47	0 36	3 49	0 46	22 44	0 47	4 17	13 1	21 44	21 39	25 34	16 21	2 0
S 28	15 2	7 5	4 51	21 44	2 7	24 50	1 51	25 0	1 28	21 14	0 44	19 47	0 36	3 50	0 46	22 44	0 47	4 17	13 1	21 46	21 39	25 33	16 20	2 0
S 29	15 21	12 17	5 1	22 7	2 11	24 59	1 53	24 59	1 27	21 13	0 44	19 47	0 36	3 50	0 46	22 44	0 47	4 18	13 0	21 48	21 40	25 33	16 19	2 1
M30	15 40	16 53	4 57	22 29	2 15	25 6	1 55	24 58	1 27	21 12	0 44	19 47	0 36	3 51	0 46	22 44	0 47	4 19	13 0	21 50	21 40	25 32	16 18	2 1
T 31	15s58	20n42	4n38	22s50	2s18	25s13	1s57	24s56	1s27	21n11	0s44	19n47	0n36	3s51	0s46	22s43	0n47	4s20	13n 0	21s52	21s41	25n31	16n17	2s 1

Julian Day Number = 2088042.5, Delta T = 24m00s
Ecliptic obliquity = 23°34'10, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'07, Lahiri = 9°59'07 Julian Calendar 1 Oct. 1004 == Greg. Calendar 7 Oct. 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

NOVEMBER 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 3 9	14♏30'09	26♉45	3♐ 0	22♐27	5♑26	8°R46	4♌43	22°R 5	4♑18	16♏21	21°R11	22♑26	0♋26	21°R26	W 1
T 2	3 7 5	15°30'51	8♊50	4°24	23°39	6°12	8♊39	4°44	22♓ 4	4°20	16°23	21♑ 1	22°23	0°32	21♉22	T 2
F 3	3 11 2	16°31'34	20°46	5°46	24°51	6°58	8°32	4°45	22° 3	4°21	16°25	20°54	22°20	0°39	21°19	F 3
S 4	3 14 58	17°32'18	2♋35	7° 7	26° 4	7°44	8°25	4°46	22° 1	4°23	16°28	20°50	22°17	0°46	21°16	S 4
S 5	3 18 55	18°33'04	14°22	8°27	27°16	8°31	8°18	4°46	22° 0	4°25	16°30	20°48	22°13	0°52	21°13	S 5
M 6	3 22 52	19°33'51	26° 9	9°46	28°28	9°17	8°11	4°47	21°59	4°26	16°33	20°D48	22°10	0°59	21° 9	M 6
T 7	3 26 48	20°34'40	8♌ 3	11° 3	29°41	10° 3	8° 3	4°47	21°58	4°28	16°35	20°48	22° 7	1° 5	21° 6	T 7
W 8	3 30 45	21°35'30	20° 8	12°17	0♑53	10°49	7°56	4°48	21°58	4°30	16°37	20°R49	22° 4	1°12	21° 3	W 8
T 9	3 34 41	22°36'22	2♍30	13°30	2° 5	11°36	7°48	4°48	21°57	4°32	16°40	20°48	22° 1	1°19	20°59	T 9
F 10	3 38 38	23°37'16	15°13	14°40	3°17	12°22	7°40	4°R48	21°56	4°33	16°42	20°46	21°58	1°25	20°56	F 10
S 11	3 42 34	24°38'10	28°23	15°47	4°29	13° 8	7°32	4°48	21°55	4°35	16°44	20°41	21°54	1°32	20°53	S 11
S 12	3 46 31	25°39'06	12♎ 2	16°51	5°41	13°55	7°25	4°48	21°54	4°37	16°47	20°34	21°51	1°39	20°49	S 12
M13	3 50 27	26°40'04	26° 9	17°51	6°53	14°41	7°17	4°47	21°54	4°39	16°49	20°26	21°48	1°45	20°46	M13
T 14	3 54 24	27°41'03	10♏41	18°47	8° 5	15°28	7° 9	4°47	21°53	4°41	16°52	20°17	21°45	1°52	20°43	T 14
W15	3 58 21	28°42'03	25°33	19°37	9°17	16°14	7° 1	4°46	21°53	4°43	16°54	20° 9	21°42	1°59	20°40	W15
T 16	4 2 17	29°43'04	10♐36	20°22	10°28	17° 1	6°53	4°46	21°52	4°45	16°56	20° 2	21°38	2° 5	20°36	T 16
F 17	4 6 14	0♐44'06	25°40	21° 0	11°40	17°47	6°45	4°45	21°52	4°47	16°59	19°57	21°35	2°12	20°33	F 17
S 18	4 10 10	1°45'09	10♑36	21°31	12°52	18°34	6°37	4°44	21°51	4°49	17° 1	19°55	21°32	2°19	20°30	S 18
S 19	4 14 7	2°46'12	25°17	21°54	14° 3	19°20	6°28	4°43	21°51	4°51	17° 3	19°D55	21°29	2°25	20°27	S 19
M20	4 18 3	3°47'16	9♒39	22° 8	15°15	20° 7	6°20	4°42	21°51	4°53	17° 6	19°56	21°26	2°32	20°23	M20
T 21	4 22 0	4°48'20	23°39	22°R12	16°26	20°54	6°12	4°41	21°50	4°55	17° 8	19°57	21°23	2°39	20°20	T 21
W22	4 25 56	5°49'25	7♓18	22° 5	17°37	21°40	6° 4	4°40	21°50	4°57	17°10	19°R57	21°19	2°45	20°17	W22
T 23	4 29 53	6°50'30	20°36	21°47	18°48	22°27	5°56	4°38	21°50	4°59	17°12	19°56	21°16	2°52	20°14	T 23
F 24	4 33 50	7°51'36	3♈37	21°18	20° 0	23°14	5°47	4°37	21°50	5° 1	17°15	19°53	21°13	2°59	20°11	F 24
S 25	4 37 46	8°52'42	16°23	20°37	21°11	24° 0	5°39	4°35	21°D50	5° 3	17°17	19°48	21°10	3° 5	20° 8	S 25
S 26	4 41 43	9°53'49	28°55	19°45	22°21	24°47	5°31	4°33	21°50	5° 5	17°19	19°42	21° 7	3°12	20° 5	S 26
M27	4 45 39	10°54'56	11♉16	18°42	23°32	25°34	5°23	4°32	21°50	5° 7	17°22	19°35	21° 4	3°19	20° 2	M27
T 28	4 49 36	11°56'03	23°27	17°31	24°43	26°21	5°15	4°30	21°50	5° 9	17°24	19°27	21° 0	3°25	19°59	T 28
W29	4 53 32	12°57'11	5♊30	16°14	25°53	27° 8	5° 7	4°28	21°50	5°11	17°26	19°20	20°57	3°32	19°56	W29
T 30	4 57 29	13♐58'20	17♊26	14♐53	27♑ 4	27♑54	4♊59	4♌26	21♓51	5♑13	17♏28	19♑15	20♑54	3♋39	19♉53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s17	23n32	4n 6	23s10	2s21	25s20	1s59	24s54	1s27	21n10	0s44	19n47	0n37	3s52	0s46	22s43	0n46	4s20	13n 0	21s53	21s41	25n30	16n16	2s 1
T 2	16 34	25 15	3 24	23 29	2 23	25 25	2 0	24 52	1 27	21 9	0 44	19 47	0 37	3 52	0 46	22 43	0 46	4 21	13 0	21 55	21 42	25 29	16 15	2 1
F 3	16 52	25 47	2 33	23 46	2 25	25 30	2 2	24 49	1 26	21 8	0 44	19 47	0 37	3 53	0 46	22 43	0 46	4 22	13 0	21 56	21 42	25 28	16 14	2 1
S 4	17 9	25 8	1 36	24 2	2 27	25 34	2 4	24 47	1 26	21 7	0 44	19 47	0 37	3 53	0 46	22 43	0 46	4 22	13 0	21 57	21 43	25 28	16 13	2 1
S 5	17 26	23 22	0 34	24 16	2 28	25 37	2 5	24 43	1 26	21 6	0 43	19 47	0 37	3 53	0 46	22 43	0 46	4 23	13 0	21 57	21 43	25 27	16 12	2 1
M 6	17 43	20 34	0s29	24 29	2 29	25 40	2 6	24 40	1 26	21 5	0 43	19 47	0 37	3 54	0 46	22 43	0 46	4 24	13 0	21 57	21 44	25 26	16 11	2 1
T 7	18 0	16 53	1 31	24 40	2 29	25 42	2 8	24 36	1 25	21 3	0 43	19 47	0 38	3 54	0 46	22 43	0 46	4 25	13 0	21 57	21 45	25 25	16 11	2 2
W 8	18 16	12 28	2 31	24 50	2 28	25 43	2 9	24 32	1 25	21 2	0 43	19 47	0 38	3 54	0 46	22 43	0 46	4 25	13 0	21 57	21 45	25 24	16 10	2 2
T 9	18 31	7 28	3 24	24 58	2 27	25 43	2 10	24 28	1 25	21 1	0 43	19 47	0 38	3 55	0 46	22 43	0 46	4 26	13 0	21 57	21 46	25 23	16 9	2 2
F 10	18 47	2 1	4 10	25 5	2 25	25 43	2 11	24 24	1 25	21 0	0 43	19 47	0 38	3 55	0 46	22 43	0 46	4 27	13 0	21 57	21 46	25 22	16 8	2 2
S 11	19 2	3s41	4 44	25 10	2 22	25 42	2 12	24 19	1 24	20 59	0 43	19 47	0 38	3 55	0 46	22 43	0 46	4 27	13 0	21 58	21 47	25 21	16 7	2 2
S 12	19 17	9 25	5 3	25 13	2 19	25 40	2 13	24 14	1 24	20 58	0 43	19 47	0 38	3 55	0 46	22 43	0 46	4 28	13 0	21 59	21 47	25 20	16 6	2 2
M13	19 31	14 52	5 5	25 14	2 14	25 37	2 14	24 9	1 24	20 56	0 43	19 48	0 39	3 56	0 45	22 43	0 46	4 28	13 0	22 0	21 48	25 19	16 5	2 2
T 14	19 45	19 39	4 47	25 14	2 9	25 34	2 15	24 3	1 24	20 55	0 43	19 48	0 39	3 56	0 45	22 43	0 46	4 29	13 0	22 2	21 48	25 19	16 4	2 2
W15	19 59	23 18	4 10	25 11	2 2	25 29	2 15	23 57	1 23	20 54	0 42	19 48	0 39	3 56	0 45	22 43	0 46	4 30	13 0	22 3	21 49	25 18	16 3	2 2
T 16	20 12	25 23	3 16	25 7	1 55	25 24	2 16	23 51	1 23	20 53	0 42	19 49	0 39	3 56	0 45	22 43	0 46	4 30	13 0	22 4	21 49	25 17	16 2	2 2
F 17	20 25	25 37	2 7	25 1	1 46	25 19	2 16	23 45	1 23	20 52	0 42	19 49	0 39	3 56	0 45	22 43	0 46	4 31	13 0	22 5	21 50	25 16	16 1	2 2
S 18	20 37	23 59	0 50	24 53	1 36	25 12	2 16	23 38	1 22	20 50	0 42	19 49	0 39	3 56	0 45	22 43	0 46	4 31	13 0	22 5	21 50	25 15	16 0	2 2
S 19	20 50	20 43	0n29	24 43	1 24	25 5	2 17	23 31	1 22	20 49	0 42	19 50	0 40	3 57	0 45	22 43	0 46	4 32	13 0	22 5	21 51	25 14	15 59	2 3
M20	21 1	16 15	1 45	24 31	1 11	24 57	2 17	23 24	1 22	20 48	0 42	19 50	0 40	3 57	0 45	22 43	0 46	4 33	13 0	22 5	21 51	25 13	15 58	2 3
T 21	21 13	11 0	2 52	24 17	0 57	24 49	2 17	23 16	1 21	20 47	0 42	19 50	0 40	3 57	0 45	22 43	0 46	4 33	13 0	22 5	21 52	25 12	15 57	2 3
W22	21 24	5 21	3 48	24 1	0 41	24 40	2 17	23 9	1 21	20 45	0 42	19 51	0 40	3 57	0 45	22 43	0 46	4 34	13 0	22 5	21 52	25 11	15 56	2 3
T 23	21 34	0n24	4 30	23 43	0 24	24 30	2 17	23 1	1 20	20 44	0 41	19 51	0 40	3 57	0 45	22 43	0 46	4 34	13 0	22 5	21 53	25 10	15 56	2 3
F 24	21 44	6 0	4 58	23 23	0 6	24 19	2 16	22 52	1 20	20 43	0 41	19 52	0 40	3 57	0 45	22 43	0 46	4 35	13 0	22 5	21 53	25 9	15 55	2 3
S 25	21 54	11 13	5 9	23 1	0n13	24 8	2 16	22 44	1 20	20 41	0 41	19 53	0 41	3 57	0 45	22 43	0 46	4 35	13 0	22 6	21 54	25 8	15 54	2 3
S 26	22 3	15 54	5 6	22 38	0 33	23 56	2 15	22 35	1 19	20 40	0 41	19 53	0 41	3 57	0 45	22 42	0 46	4 36	13 0	22 7	21 54	25 7	15 53	2 3
M27	22 12	19 51	4 48	22 12	0 53	23 43	2 15	22 26	1 19	20 39	0 41	19 54	0 41	3 57	0 45	22 42	0 46	4 36	13 0	22 8	21 55	25 6	15 52	2 3
T 28	22 21	22 53	4 18	21 46	1 13	23 30	2 14	22 17	1 19	20 38	0 41	19 54	0 41	3 57	0 45	22 42	0 46	4 37	13 1	22 9	21 55	25 5	15 51	2 3
W29	22 29	24 52	3 36	21 19	1 33	23 16	2 13	22 7	1 18	20 36	0 41	19 55	0 41	3 56	0 45	22 42	0 46	4 37	13 1	22 10	21 56	25 4	15 50	2 3
T 30	22s36	25n42	2n45	20s52	1n51	23s 1	2s12	21s58	1s18	20n35	0s40	19n56	0n41	3s56	0s45	22s42	0n46	4s38	13n 1	22s11	21s56	25n 3	15n50	2s 3

Julian Day Number = 2088073.5, Delta T = 23m59s
Ecliptic obliquity = 23°34'09, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'11, Lahiri = 9°59'12 Julian Calendar 1 Nov. 1004 == Greg. Calendar 7 Nov. 1004

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ASTRODIENST EPHEMERIS for the year 1004
geocentric

DECEMBER 1004 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 1 25	14♐59'29	29♊17	13°R30	28♉14	28♉41	4°R51	4°R23	21♓51	5♉16	17♏30	19°R11	20♉51	3♋45	19°R50	F 1
S 2	5 5 22	16° 0'38	11♋ 5	12♐ 9	29°25	29°28	4♊43	4♌21	21°51	5°18	17°33	19♉ 9	20°48	3°52	19♉47	S 2
S 3	5 9 19	17° 1'48	22°52	10°52	0♒35	0♒15	4°35	4°19	21°51	5°20	17°35	19°D 9	20°44	3°58	19°44	S 3
M 4	5 13 15	18° 2'58	4♌41	9°41	1°45	1° 2	4°28	4°16	21°52	5°22	17°37	19°10	20°41	4° 5	19°41	M 4
T 5	5 17 12	19° 4'09	16°36	8°38	2°55	1°48	4°20	4°13	21°52	5°24	17°39	19°12	20°38	4°12	19°38	T 5
W 6	5 21 8	20° 5'20	28°41	7°45	4° 4	2°35	4°12	4°11	21°53	5°27	17°41	19°13	20°35	4°18	19°36	W 6
T 7	5 25 5	21° 6'32	11♍ 1	7° 2	5°14	3°22	4° 5	4° 8	21°54	5°29	17°43	19°15	20°32	4°25	19°33	T 7
F 8	5 29 1	22° 7'44	23°40	6°30	6°23	4° 9	3°57	4° 5	21°54	5°31	17°45	19°R15	20°29	4°32	19°30	F 8
S 9	5 32 58	23° 8'57	6♎43	6° 8	7°33	4°56	3°50	4° 2	21°55	5°33	17°47	19°15	20°25	4°38	19°28	S 9
S 10	5 36 55	24°10'10	20°12	5°57	8°42	5°43	3°43	3°59	21°56	5°35	17°49	19°13	20°22	4°45	19°25	S 10
M11	5 40 51	25°11'23	4♏10	5°D55	9°51	6°30	3°36	3°56	21°56	5°38	17°51	19°10	20°19	4°52	19°23	M11
T 12	5 44 48	26°12'37	18°36	6° 2	11° 0	7°17	3°29	3°52	21°57	5°40	17°53	19° 6	20°16	4°58	19°20	T 12
W13	5 48 44	27°13'51	3♐26	6°18	12° 9	8° 3	3°22	3°49	21°58	5°42	17°55	19° 3	20°13	5° 5	19°18	W13
T 14	5 52 41	28°15'05	18°33	6°41	13°17	8°50	3°15	3°46	21°59	5°44	17°57	19° 0	20°10	5°12	19°15	T 14
F 15	5 56 37	29°16'19	3♑47	7°11	14°26	9°37	3° 8	3°42	22° 0	5°47	17°59	18°59	20° 6	5°18	19°13	F 15
S 16	6 0 34	0♑17'33	18°59	7°47	15°34	10°24	3° 2	3°38	22° 1	5°49	18° 1	18°D58	20° 3	5°25	19°11	S 16
S 17	6 4 30	1°18'46	3♒59	8°28	16°42	11°11	2°55	3°35	22° 2	5°51	18° 3	18°59	20° 0	5°32	19° 8	S 17
M18	6 8 27	2°19'59	18°40	9°15	17°50	11°58	2°49	3°31	22° 3	5°54	18° 5	19° 0	19°57	5°38	19° 6	M18
T 19	6 12 24	3°21'12	2♓57	10° 6	18°57	12°45	2°43	3°27	22° 4	5°56	18° 7	19° 1	19°54	5°45	19° 4	T 19
W20	6 16 20	4°22'24	16°48	11° 1	20° 5	13°32	2°37	3°23	22° 6	5°58	18° 9	19° 2	19°50	5°52	19° 2	W20
T 21	6 20 17	5°23'35	0♈13	11°59	21°12	14°18	2°31	3°19	22° 7	6° 0	18°10	19°R 3	19°47	5°58	19° 0	T 21
F 22	6 24 13	6°24'46	13°14	13° 1	22°19	15° 5	2°26	3°15	22° 8	6° 3	18°12	19° 3	19°44	6° 5	18°58	F 22
S 23	6 28 10	7°25'56	25°55	14° 5	23°26	15°52	2°20	3°11	22°10	6° 5	18°14	19° 2	19°41	6°11	18°56	S 23
S 24	6 32 6	8°27'05	8♉19	15°12	24°32	16°39	2°15	3° 7	22°11	6° 7	18°16	19° 1	19°38	6°18	18°54	S 24
M25	6 36 3	9°28'14	20°29	16°22	25°39	17°26	2°10	3° 3	22°13	6° 9	18°17	19° 0	19°35	6°25	18°53	M25
T 26	6 39 59	10°29'21	2♊30	17°33	26°45	18°13	2° 5	2°58	22°14	6°12	18°19	18°58	19°31	6°31	18°51	T 26
W27	6 43 56	11°30'29	14°24	18°46	27°51	18°59	2° 0	2°54	22°16	6°14	18°21	18°57	19°28	6°38	18°49	W27
T 28	6 47 53	12°31'35	26°14	20° 1	28°56	19°46	1°56	2°50	22°17	6°16	18°22	18°56	19°25	6°45	18°48	T 28
F 29	6 51 49	13°32'41	8♋ 2	21°18	0♓ 1	20°33	1°51	2°45	22°19	6°19	18°24	18°56	19°22	6°51	18°46	F 29
S 30	6 55 46	14°33'46	19°50	22°35	1° 6	21°20	1°47	2°41	22°21	6°21	18°25	18°D56	19°19	6°58	18°45	S 30
S 31	6 59 42	15♉34'50	1♌41	23♐55	2♓11	22♒ 6	1♊43	2♌36	22♓22	6♉23	18♏27	18♉56	19♉16	7♋ 5	18♉43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s43	25n21	1n47	20s25	2n 8	22s46	2s11	21s48	1s17	20n34	0s40	19n56	0n42	3s56	0s45	22s42	0n46	4s38	13n 1	22s11	21s57	25n 2	15n49	2s 3
S 2	22 50	23 50	0 44	20 0	2 23	22 30	2 10	21 38	1 17	20 32	0 40	19 57	0 42	3 56	0 45	22 42	0 46	4 39	13 1	22 12	21 57	25 1	15 48	2 3
S 3	22 56	21 17	0s20	19 37	2 36	22 14	2 9	21 27	1 16	20 31	0 40	19 58	0 42	3 56	0 45	22 42	0 46	4 39	13 1	22 12	21 58	25 0	15 47	2 3
M 4	23 2	17 50	1 24	19 17	2 46	21 57	2 7	21 16	1 16	20 30	0 40	19 59	0 42	3 56	0 45	22 42	0 46	4 40	13 1	22 11	21 58	24 59	15 46	2 3
T 5	23 7	13 38	2 25	18 59	2 55	21 39	2 6	21 5	1 16	20 29	0 39	19 59	0 42	3 55	0 45	22 42	0 46	4 40	13 1	22 11	21 58	24 58	15 46	2 3
W 6	23 12	8 52	3 20	18 45	3 0	21 21	2 4	20 54	1 15	20 27	0 39	20 0	0 42	3 55	0 45	22 42	0 46	4 40	13 2	22 11	21 59	24 57	15 45	2 3
T 7	23 16	3 39	4 8	18 35	3 4	21 2	2 2	20 43	1 15	20 26	0 39	20 1	0 42	3 55	0 45	22 42	0 46	4 41	13 2	22 11	21 59	24 56	15 44	2 3
F 8	23 20	1s49	4 44	18 28	3 5	20 43	2 0	20 31	1 14	20 25	0 39	20 2	0 43	3 55	0 44	22 42	0 46	4 41	13 2	22 11	22 0	24 54	15 43	2 3
S 9	23 23	7 23	5 7	18 25	3 5	20 23	1 58	20 20	1 14	20 24	0 39	20 3	0 43	3 54	0 44	22 42	0 46	4 42	13 2	22 11	22 0	24 53	15 43	2 3
S 10	23 26	12 47	5 15	18 25	3 3	20 3	1 56	20 8	1 13	20 23	0 39	20 4	0 43	3 54	0 44	22 41	0 46	4 42	13 2	22 11	22 1	24 52	15 42	2 3
M11	23 29	17 45	5 4	18 28	3 0	19 42	1 54	19 55	1 13	20 21	0 38	20 4	0 43	3 54	0 44	22 41	0 46	4 42	13 2	22 11	22 1	24 51	15 41	2 3
T 12	23 31	21 51	4 34	18 33	2 55	19 21	1 52	19 43	1 12	20 20	0 38	20 5	0 43	3 53	0 44	22 41	0 46	4 43	13 3	22 12	22 2	24 50	15 41	2 3
W13	23 32	24 39	3 46	18 41	2 50	19 0	1 49	19 30	1 12	20 19	0 38	20 6	0 43	3 53	0 44	22 41	0 46	4 43	13 3	22 12	22 2	24 49	15 40	2 3
T 14	23 33	25 44	2 40	18 51	2 43	18 37	1 47	19 17	1 11	20 18	0 38	20 7	0 44	3 52	0 44	22 41	0 46	4 43	13 3	22 13	22 3	24 48	15 39	2 3
F 15	23 34	24 54	1 23	19 3	2 36	18 15	1 44	19 4	1 11	20 17	0 38	20 8	0 44	3 52	0 44	22 41	0 46	4 43	13 3	22 13	22 3	24 47	15 39	2 3
S 16	23 34	22 13	0n 0	19 16	2 29	17 52	1 41	18 51	1 10	20 16	0 37	20 9	0 44	3 52	0 44	22 41	0 46	4 44	13 4	22 13	22 4	24 46	15 38	2 3
S 17	23 34	18 2	1 22	19 31	2 21	17 28	1 38	18 38	1 10	20 15	0 37	20 10	0 44	3 51	0 44	22 41	0 45	4 44	13 4	22 13	22 4	24 44	15 37	2 3
M18	23 33	12 49	2 37	19 46	2 13	17 4	1 35	18 24	1 9	20 14	0 37	20 11	0 44	3 51	0 44	22 41	0 45	4 44	13 4	22 13	22 5	24 43	15 37	2 3
T 19	23 32	7 3	3 40	20 2	2 4	16 40	1 32	18 10	1 9	20 13	0 37	20 12	0 44	3 50	0 44	22 41	0 45	4 45	13 4	22 13	22 5	24 42	15 36	2 3
W20	23 30	1 7	4 28	20 19	1 56	16 16	1 28	17 56	1 8	20 12	0 37	20 13	0 44	3 50	0 44	22 41	0 45	4 45	13 4	22 13	22 6	24 41	15 36	2 3
T 21	23 27	4n40	5 0	20 35	1 47	15 51	1 25	17 42	1 8	20 11	0 36	20 15	0 45	3 49	0 44	22 41	0 45	4 45	13 5	22 12	22 6	24 40	15 35	2 3
F 22	23 25	10 5	5 16	20 52	1 38	15 25	1 21	17 28	1 7	20 10	0 36	20 16	0 45	3 48	0 44	22 40	0 45	4 45	13 5	22 12	22 7	24 39	15 35	2 3
S 23	23 22	14 57	5 15	21 9	1 29	15 0	1 17	17 13	1 6	20 9	0 36	20 17	0 45	3 48	0 44	22 40	0 45	4 45	13 5	22 13	22 7	24 38	15 34	2 3
S 24	23 18	19 4	4 59	21 25	1 20	14 34	1 13	16 59	1 6	20 8	0 36	20 18	0 45	3 47	0 44	22 40	0 45	4 46	13 5	22 13	22 7	24 36	15 34	2 3
M25	23 14	22 19	4 31	21 41	1 11	14 8	1 9	16 44	1 5	20 8	0 35	20 19	0 45	3 47	0 44	22 40	0 45	4 46	13 6	22 13	22 8	24 35	15 33	2 3
T 26	23 9	24 32	3 50	21 57	1 2	13 41	1 5	16 29	1 5	20 7	0 35	20 20	0 45	3 46	0 44	22 40	0 45	4 46	13 6	22 13	22 8	24 34	15 33	2 3
W27	23 4	25 38	3 0	22 13	0 53	13 15	1 1	16 14	1 4	20 6	0 35	20 21	0 45	3 45	0 44	22 40	0 45	4 46	13 6	22 13	22 9	24 33	15 32	2 3
T 28	22 59	25 34	2 3	22 27	0 44	12 48	0 57	15 58	1 4	20 5	0 35	20 22	0 46	3 45	0 44	22 40	0 45	4 46	13 7	22 13	22 9	24 32	15 32	2 3
F 29	22 53	24 20	1 0	22 41	0 36	12 20	0 52	15 43	1 3	20 5	0 35	20 24	0 46	3 44	0 44	22 40	0 45	4 46	13 7	22 13	22 10	24 30	15 31	2 3
S 30	22 46	22 1	0s 5	22 55	0 27	11 53	0 48	15 27	1 3	20 4	0 34	20 25	0 46	3 43	0 44	22 40	0 45	4 47	13 7	22 13	22 10	24 29	15 31	2 3
S 31	22s39	18n45	1s10	23s 7	0n19	11s25	0s43	15s12	1s 2	20n 4	0s34	20n26	0n46	3s42	0s44	22s40	0n45	4s47	13n 7	22s13	22s11	24n28	15n31	2s 3

Julian Day Number = 2088103.5, Delta T = 23m59s
Ecliptic obliquity = 23°34'08, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'15, Lahiri = 9°59'16 Julian Calendar 1 Dec. 1004 == Greg. Calendar 7 Dec. 1004

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

JANUARY 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 3 39	16♉35'54	13♌36	25♐15	3♓15	22♒53	1°R39	2°R32	22♓24	6♉25	18♏28	18♉56	19♉12	7♋11	18°R42	M 1
T 2	7 7 35	17°36'57	25°39	26°37	4°19	23°40	1♊35	2♌27	22°26	6°28	18°30	18°56	19° 9	7°18	18♌41	T 2
W 3	7 11 32	18°37'59	7♍51	27°59	5°23	24°26	1°32	2°22	22°28	6°30	18°31	18°R56	19° 6	7°25	18°39	W 3
T 4	7 15 28	19°39'01	20°16	29°23	6°27	25°13	1°29	2°18	22°30	6°32	18°33	18°56	19° 3	7°31	18°38	T 4
F 5	7 19 25	20°40'02	2♎57	0♉47	7°30	26° 0	1°25	2°13	22°32	6°34	18°34	18°56	19° 0	7°38	18°37	F 5
S 6	7 23 22	21°41'02	15°56	2°13	8°32	26°46	1°23	2° 8	22°34	6°36	18°35	18°D56	18°56	7°45	18°36	S 6
S 7	7 27 18	22°42'02	29°17	3°39	9°35	27°33	1°20	2° 3	22°36	6°39	18°37	18°56	18°53	7°51	18°35	S 7
M 8	7 31 15	23°43'01	13♏ 2	5° 6	10°37	28°19	1°17	1°59	22°38	6°41	18°38	18°56	18°50	7°58	18°34	M 8
T 9	7 35 11	24°43'59	27°12	6°34	11°38	29° 6	1°15	1°54	22°40	6°43	18°39	18°57	18°47	8° 5	18°33	T 9
W10	7 39 8	25°44'57	11♐44	8° 3	12°39	29°52	1°13	1°49	22°42	6°45	18°41	18°57	18°44	8°11	18°33	W10
T 11	7 43 4	26°45'54	26°36	9°33	13°40	0♓39	1°11	1°44	22°45	6°47	18°42	18°58	18°41	8°18	18°32	T 11
F 12	7 47 1	27°46'50	11♉41	11° 3	14°41	1°25	1° 9	1°39	22°47	6°50	18°43	18°R58	18°37	8°24	18°31	F 12
S 13	7 50 58	28°47'44	26°50	12°34	15°41	2°12	1° 8	1°34	22°49	6°52	18°44	18°58	18°34	8°31	18°31	S 13
S 14	7 54 54	29°48'38	11♒55	14° 6	16°40	2°58	1° 6	1°29	22°52	6°54	18°45	18°58	18°31	8°38	18°30	S 14
M15	7 58 51	0♒49'30	26°45	15°39	17°39	3°45	1° 5	1°24	22°54	6°56	18°46	18°57	18°28	8°44	18°30	M15
T 16	8 2 47	1°50'21	11♓15	17°12	18°38	4°31	1° 4	1°20	22°56	6°58	18°47	18°55	18°25	8°51	18°29	T 16
W17	8 6 44	2°51'10	25°19	18°46	19°36	5°18	1° 4	1°15	22°59	7° 0	18°48	18°53	18°22	8°58	18°29	W17
T 18	8 10 40	3°51'57	8♈55	20°21	20°33	6° 4	1° 3	1°10	23° 1	7° 2	18°49	18°52	18°18	9° 4	18°29	T 18
F 19	8 14 37	4°52'44	22° 4	21°57	21°30	6°50	1° 3	1° 5	23° 4	7° 4	18°50	18°50	18°15	9°11	18°29	F 19
S 20	8 18 33	5°53'28	4♉48	23°33	22°26	7°36	1°D 3	1° 0	23° 6	7° 6	18°51	18°D50	18°12	9°18	18°29	S 20
S 21	8 22 30	6°54'11	17°12	25°11	23°22	8°23	1° 3	0°55	23° 9	7° 9	18°52	18°50	18° 9	9°24	18°D29	S 21
M22	8 26 27	7°54'52	29°20	26°49	24°17	9° 9	1° 3	0°50	23°12	7°11	18°53	18°51	18° 6	9°31	18°29	M22
T 23	8 30 23	8°55'31	11♊16	28°28	25°12	9°55	1° 4	0°45	23°14	7°13	18°54	18°53	18° 2	9°38	18°29	T 23
W24	8 34 20	9°56'09	23° 6	0♒ 7	26° 5	10°41	1° 4	0°41	23°17	7°15	18°54	18°55	17°59	9°44	18°29	W24
T 25	8 38 16	10°56'45	4♋53	1°48	26°58	11°27	1° 5	0°36	23°20	7°17	18°55	18°56	17°56	9°51	18°29	T 25
F 26	8 42 13	11°57'19	16°40	3°29	27°51	12°13	1° 7	0°31	23°22	7°19	18°56	18°R57	17°53	9°58	18°30	F 26
S 27	8 46 9	12°57'52	28°32	5°12	28°42	12°59	1° 8	0°26	23°25	7°20	18°57	18°56	17°50	10° 4	18°30	S 27
S 28	8 50 6	13°58'23	10♌30	6°55	29°33	13°45	1° 9	0°22	23°28	7°22	18°57	18°55	17°47	10°11	18°31	S 28
M29	8 54 2	14°58'52	22°36	8°39	0♈23	14°31	1°11	0°17	23°31	7°24	18°58	18°52	17°43	10°17	18°31	M29
T 30	8 57 59	15°59'19	4♍52	10°24	1°13	15°17	1°13	0°12	23°34	7°26	18°58	18°48	17°40	10°24	18°32	T 30
W31	9 1 56	16♒59'45	17♍19	12♒10	2♈ 1	16♓ 3	1♊15	0♌ 8	23♓37	7♉28	18♏59	18♉43	17♉37	10♋31	18♌32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s32	14n42	2s13	23s19	0n10	10s57	0s38	14s56	1s 1	20n 3	0s34	20n27	0n46	3s42	0s44	22s39	0n45	4s47	13n 8	22s13	22s11	24n27	15n30	2s 3
T 2	22 24	10 3	3 10	23 29	0 2	10 29	0 33	14 40	1 1	20 2	0 34	20 28	0 46	3 41	0 44	22 39	0 45	4 47	13 8	22 13	22 12	24 25	15 30	2 3
W 3	22 16	4 57	4 0	23 39	0s 6	10 1	0 28	14 24	1 0	20 2	0 34	20 29	0 46	3 40	0 43	22 39	0 45	4 47	13 8	22 13	22 12	24 24	15 30	2 3
T 4	22 7	0s24	4 39	23 47	0 13	9 33	0 23	14 7	1 0	20 1	0 33	20 31	0 47	3 39	0 43	22 39	0 45	4 47	13 9	22 13	22 12	24 23	15 29	2 3
F 5	21 58	5 51	5 6	23 55	0 21	9 4	0 17	13 51	0 59	20 1	0 33	20 32	0 47	3 39	0 43	22 39	0 45	4 47	13 9	22 13	22 13	24 22	15 29	2 3
S 6	21 49	11 11	5 18	24 1	0 28	8 36	0 12	13 34	0 58	20 1	0 33	20 33	0 47	3 38	0 43	22 39	0 45	4 47	13 9	22 13	22 13	24 20	15 29	2 3
S 7	21 39	16 9	5 13	24 6	0 35	8 7	0 6	13 18	0 58	20 0	0 33	20 34	0 47	3 37	0 43	22 39	0 45	4 47	13 10	22 13	22 14	24 19	15 29	2 3
M 8	21 28	20 26	4 50	24 10	0 42	7 38	0 0	13 1	0 57	20 0	0 32	20 35	0 47	3 36	0 43	22 39	0 45	4 47	13 10	22 13	22 14	24 18	15 28	2 3
T 9	21 18	23 41	4 10	24 13	0 49	7 9	0n 6	12 44	0 57	20 0	0 32	20 37	0 47	3 35	0 43	22 39	0 45	4 47	13 10	22 13	22 15	24 17	15 28	2 3
W10	21 7	25 30	3 13	24 15	0 56	6 40	0 12	12 27	0 56	20 0	0 32	20 38	0 47	3 34	0 43	22 38	0 45	4 47	13 11	22 13	22 15	24 15	15 28	2 3
T 11	20 55	25 33	2 1	24 15	1 2	6 11	0 18	12 10	0 55	19 59	0 32	20 39	0 47	3 33	0 43	22 38	0 45	4 47	13 11	22 13	22 16	24 14	15 28	2 3
F 12	20 43	23 43	0 40	24 14	1 8	5 42	0 24	11 53	0 55	19 59	0 32	20 40	0 47	3 32	0 43	22 38	0 45	4 47	13 11	22 13	22 16	24 13	15 28	2 3
S 13	20 31	20 11	0n44	24 12	1 14	5 13	0 30	11 35	0 54	19 59	0 31	20 41	0 48	3 31	0 43	22 38	0 45	4 47	13 12	22 13	22 16	24 12	15 28	2 3
S 14	20 18	15 20	2 4	24 8	1 19	4 44	0 37	11 18	0 53	19 59	0 31	20 43	0 48	3 30	0 43	22 38	0 45	4 47	13 12	22 13	22 17	24 10	15 28	2 3
M15	20 5	9 37	3 15	24 3	1 24	4 15	0 43	11 0	0 53	19 59	0 31	20 44	0 48	3 30	0 43	22 38	0 45	4 47	13 12	22 13	22 17	24 9	15 28	2 3
T 16	19 51	3 31	4 11	23 56	1 29	3 45	0 50	10 43	0 52	19 59	0 31	20 45	0 48	3 29	0 43	22 38	0 45	4 47	13 13	22 14	22 18	24 8	15 27	2 3
W17	19 38	2n34	4 51	23 48	1 34	3 16	0 57	10 25	0 52	19 59	0 30	20 46	0 48	3 28	0 43	22 38	0 45	4 47	13 13	22 14	22 18	24 6	15 27	2 3
T 18	19 23	8 20	5 12	23 38	1 38	2 47	1 4	10 7	0 51	19 59	0 30	20 47	0 48	3 27	0 43	22 38	0 45	4 47	13 13	22 14	22 19	24 5	15 27	2 3
F 19	19 9	13 31	5 16	23 27	1 42	2 18	1 11	9 50	0 50	19 59	0 30	20 49	0 48	3 25	0 43	22 37	0 45	4 47	13 14	22 14	22 19	24 4	15 27	2 3
S 20	18 54	17 58	5 5	23 15	1 46	1 49	1 18	9 32	0 50	20 0	0 30	20 50	0 48	3 24	0 43	22 37	0 45	4 47	13 14	22 14	22 19	24 2	15 27	2 3
S 21	18 39	21 31	4 39	23 1	1 50	1 21	1 25	9 14	0 49	20 0	0 30	20 51	0 48	3 23	0 43	22 37	0 45	4 46	13 14	22 14	22 20	24 1	15 27	2 3
M22	18 23	24 2	4 1	22 45	1 53	0 52	1 33	8 56	0 48	20 0	0 29	20 52	0 48	3 22	0 43	22 37	0 45	4 46	13 15	22 14	22 20	24 0	15 28	2 2
T 23	18 7	25 27	3 14	22 28	1 56	0 23	1 40	8 38	0 48	20 1	0 29	20 53	0 49	3 21	0 43	22 37	0 45	4 46	13 15	22 14	22 21	23 58	15 28	2 2
W24	17 51	25 41	2 18	22 9	1 58	0n 5	1 48	8 19	0 47	20 1	0 29	20 54	0 49	3 20	0 43	22 37	0 45	4 46	13 16	22 14	22 21	23 57	15 28	2 2
T 25	17 35	24 46	1 17	21 49	2 0	0 33	1 55	8 1	0 46	20 1	0 29	20 55	0 49	3 19	0 43	22 37	0 45	4 46	13 16	22 13	22 22	23 55	15 28	2 2
F 26	17 18	22 44	0 13	21 27	2 2	1 1	2 3	7 43	0 46	20 2	0 28	20 57	0 49	3 18	0 43	22 37	0 45	4 46	13 16	22 13	22 22	23 54	15 28	2 2
S 27	17 1	19 42	0s53	21 4	2 3	1 29	2 11	7 25	0 45	20 2	0 28	20 58	0 49	3 17	0 43	22 37	0 45	4 45	13 17	22 13	22 22	23 53	15 28	2 2
S 28	16 43	15 51	1 56	20 39	2 4	1 57	2 19	7 6	0 44	20 3	0 28	20 59	0 49	3 16	0 43	22 36	0 45	4 45	13 17	22 14	22 23	23 51	15 28	2 2
M29	16 26	11 18	2 55	20 12	2 5	2 24	2 27	6 48	0 44	20 3	0 28	21 0	0 49	3 14	0 43	22 36	0 45	4 45	13 17	22 14	22 23	23 50	15 28	2 2
T 30	16 8	6 16	3 46	19 43	2 5	2 51	2 35	6 29	0 43	20 4	0 28	21 1	0 49	3 13	0 43	22 36	0 45	4 45	13 18	22 15	22 24	23 49	15 29	2 2
W31	15s50	0n56	4s28	19s13	2s 4	3n18	2n44	6s11	0s42	20n 5	0s27	21n 2	0n49	3s12	0s43	22s36	0n45	4s45	13n18	22s15	22s24	23n47	15n29	2s 2

Julian Day Number = 2088134.5, Delta T = 23m59s
Ecliptic obliquity = 23°34'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'20, Lahiri = 9°59'20 Julian Calendar 1 Jan. 1005 == Greg. Calendar 7 Jan. 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

FEBRUARY 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 5 52	18♒ 0'10	29♍58	13♒57	2♈48	16♓49	1♊17	0°R 3	23♓39	7♑30	18♏59	18°R38	17♑34	10♋37	18♉33	T 1
F 2	9 9 49	19° 0'33	12♎50	15°45	3°35	17°35	1°20	29♋59	23°42	7°32	19° 0	18♑33	17°31	10°44	18°34	F 2
S 3	9 13 45	20° 0'54	25°57	17°34	4°21	18°20	1°23	29°54	23°45	7°34	19° 0	18°30	17°28	10°51	18°35	S 3
S 4	9 17 42	21° 1'14	9♏19	19°24	5° 5	19° 6	1°25	29°50	23°48	7°35	19° 1	18°28	17°24	10°57	18°36	S 4
M 5	9 21 38	22° 1'33	22°58	21°15	5°49	19°52	1°29	29°46	23°51	7°37	19° 1	18°D27	17°21	11° 4	18°37	M 5
T 6	9 25 35	23° 1'50	6♐54	23° 6	6°31	20°37	1°32	29°41	23°54	7°39	19° 1	18°28	17°18	11°11	18°38	T 6
W 7	9 29 31	24° 2'06	21° 8	24°59	7°13	21°23	1°35	29°37	23°58	7°41	19° 2	18°29	17°15	11°17	18°39	W 7
T 8	9 33 28	25° 2'20	5♑37	26°52	7°53	22° 9	1°39	29°33	24° 1	7°42	19° 2	18°30	17°12	11°24	18°40	T 8
F 9	9 37 25	26° 2'32	20°19	28°46	8°32	22°54	1°43	29°29	24° 4	7°44	19° 2	18°R31	17° 8	11°31	18°42	F 9
S 10	9 41 21	27° 2'43	5♒ 8	0♓41	9°10	23°40	1°47	29°25	24° 7	7°46	19° 2	18°30	17° 5	11°37	18°43	S 10
S 11	9 45 18	28° 2'52	19°58	2°37	9°46	24°25	1°51	29°21	24°10	7°47	19° 2	18°27	17° 2	11°44	18°44	S 11
M12	9 49 14	29° 2'59	4♓40	4°32	10°21	25°11	1°55	29°17	24°13	7°49	19° 3	18°22	16°59	11°51	18°46	M12
T 13	9 53 11	0♓ 3'04	19° 8	6°29	10°55	25°56	2° 0	29°13	24°16	7°50	19° 3	18°16	16°56	11°57	18°48	T 13
W14	9 57 7	1° 3'07	3♈14	8°25	11°27	26°41	2° 4	29° 9	24°20	7°52	19°R 3	18° 8	16°53	12° 4	18°49	W14
T 15	10 1 4	2° 3'08	16°56	10°21	11°58	27°27	2° 9	29° 5	24°23	7°53	19° 3	18° 1	16°49	12°10	18°51	T 15
F 16	10 5 0	3° 3'07	0♉11	12°17	12°27	28°12	2°14	29° 2	24°26	7°55	19° 3	17°56	16°46	12°17	18°53	F 16
S 17	10 8 57	4° 3'04	13° 1	14°13	12°55	28°57	2°20	28°58	24°29	7°56	19° 2	17°51	16°43	12°24	18°54	S 17
S 18	10 12 53	5° 2'58	25°28	16° 8	13°20	29°42	2°25	28°55	24°33	7°58	19° 2	17°49	16°40	12°30	18°56	S 18
M19	10 16 50	6° 2'51	7♊38	18° 1	13°44	0♈27	2°30	28°51	24°36	7°59	19° 2	17°D48	16°37	12°37	18°58	M19
T 20	10 20 47	7° 2'41	19°35	19°53	14° 7	1°12	2°36	28°48	24°39	8° 1	19° 2	17°49	16°34	12°44	19° 0	T 20
W21	10 24 43	8° 2'28	1♋24	21°43	14°27	1°57	2°42	28°45	24°43	8° 2	19° 2	17°51	16°30	12°50	19° 2	W21
T 22	10 28 40	9° 2'14	13°10	23°30	14°45	2°42	2°48	28°42	24°46	8° 3	19° 2	17°R52	16°27	12°57	19° 4	T 22
F 23	10 32 36	10° 1'57	25° 0	25°15	15° 2	3°27	2°54	28°39	24°49	8° 5	19° 1	17°51	16°24	13° 4	19° 7	F 23
S 24	10 36 33	11° 1'38	6♌55	26°56	15°16	4°12	3° 1	28°36	24°53	8° 6	19° 1	17°49	16°21	13°10	19° 9	S 24
S 25	10 40 29	12° 1'16	19° 1	28°33	15°28	4°57	3° 7	28°33	24°56	8° 7	19° 1	17°45	16°18	13°17	19°11	S 25
M26	10 44 26	13° 0'53	1♍20	0♈ 6	15°38	5°42	3°14	28°30	24°59	8° 8	19° 0	17°38	16°14	13°24	19°13	M26
T 27	10 48 22	14° 0'27	13°52	1°35	15°46	6°26	3°21	28°27	25° 3	8°10	19° 0	17°29	16°11	13°30	19°16	T 27
W28	10 52 19	14♓59'59	26♍38	2♈57	15♈51	7♈11	3♊28	28♋25	25♓ 6	8♑11	18♏59	17♑19	16♑ 8	13♋37	19♉18	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15s31	4s31	4s57	18s42	2s 3	3n45	2n52	5s52	0s42	20n 5	0s27	21n 3	0n49	3s11	0s43	22s36	0n45	4s44	13n19	22s16	22s25	23n46	15n29	2s 2	T 1
F 2	15 12	9 52	5 11	18 8	2 2	4 11	3 0	5 34	0 41	20 6	0 27	21 4	0 49	3 10	0 43	22 36	0 45	4 44	13 19	22 17	22 25	23 44	15 29	2 2	F 2
S 3	14 53	14 53	5 10	17 34	2 0	4 37	3 9	5 15	0 40	20 7	0 27	21 5	0 49	3 9	0 43	22 36	0 45	4 44	13 19	22 17	22 25	23 43	15 30	2 2	S 3
S 4	14 34	19 17	4 53	16 57	1 58	5 3	3 17	4 57	0 40	20 7	0 27	21 6	0 50	3 7	0 43	22 36	0 45	4 44	13 20	22 17	22 26	23 42	15 30	2 2	S 4
M 5	14 15	22 46	4 18	16 19	1 55	5 28	3 26	4 38	0 39	20 8	0 26	21 7	0 50	3 6	0 43	22 36	0 45	4 43	13 20	22 17	22 26	23 40	15 30	2 2	M 5
T 6	13 55	25 0	3 28	15 39	1 52	5 53	3 35	4 19	0 38	20 9	0 26	21 8	0 50	3 5	0 42	22 35	0 45	4 43	13 21	22 17	22 27	23 39	15 31	2 2	T 6
W 7	13 35	25 40	2 24	14 57	1 48	6 18	3 44	4 1	0 38	20 10	0 26	21 9	0 50	3 4	0 42	22 35	0 45	4 43	13 21	22 17	22 27	23 37	15 31	2 2	W 7
T 8	13 15	24 37	1 10	14 14	1 43	6 42	3 53	3 42	0 37	20 11	0 26	21 10	0 50	3 2	0 42	22 35	0 45	4 42	13 21	22 17	22 27	23 36	15 31	2 2	T 8
F 9	12 54	21 52	0n10	13 30	1 38	7 6	4 2	3 23	0 36	20 12	0 25	21 11	0 50	3 1	0 42	22 35	0 45	4 42	13 22	22 17	22 28	23 34	15 32	2 2	F 9
S 10	12 34	17 38	1 29	12 44	1 33	7 29	4 11	3 5	0 36	20 13	0 25	21 12	0 50	3 0	0 42	22 35	0 45	4 42	13 22	22 17	22 28	23 33	15 32	2 2	S 10
S 11	12 13	12 20	2 43	11 57	1 27	7 52	4 20	2 46	0 35	20 14	0 25	21 13	0 50	2 59	0 42	22 35	0 45	4 41	13 22	22 17	22 29	23 31	15 33	2 2	S 11
M12	11 52	6 22	3 45	11 8	1 20	8 14	4 29	2 27	0 34	20 15	0 25	21 14	0 50	2 57	0 42	22 35	0 45	4 41	13 23	22 18	22 29	23 30	15 33	2 2	M12
T 13	11 31	0 10	4 31	10 18	1 12	8 36	4 38	2 8	0 34	20 16	0 25	21 14	0 50	2 56	0 42	22 35	0 45	4 41	13 23	22 19	22 29	23 28	15 34	2 1	T 13
W14	11 10	5n52	4 59	9 27	1 4	8 57	4 47	1 50	0 33	20 17	0 24	21 15	0 50	2 55	0 42	22 35	0 45	4 40	13 24	22 20	22 30	23 27	15 34	2 1	W14
T 15	10 48	11 26	5 9	8 35	0 56	9 17	4 56	1 31	0 32	20 18	0 24	21 16	0 50	2 53	0 42	22 35	0 45	4 40	13 24	22 21	22 30	23 25	15 35	2 1	T 15
F 16	10 26	16 18	5 2	7 42	0 46	9 37	5 5	1 12	0 32	20 20	0 24	21 17	0 50	2 52	0 42	22 34	0 45	4 40	13 24	22 22	22 31	23 24	15 35	2 1	F 16
S 17	10 5	20 16	4 40	6 48	0 36	9 57	5 14	0 54	0 31	20 21	0 24	21 18	0 50	2 51	0 42	22 34	0 45	4 39	13 25	22 22	22 31	23 22	15 36	2 1	S 17
S 18	9 43	23 12	4 5	5 54	0 26	10 15	5 23	0 35	0 30	20 22	0 24	21 18	0 50	2 50	0 42	22 34	0 46	4 39	13 25	22 23	22 31	23 21	15 36	2 1	S 18
M19	9 21	24 59	3 20	5 0	0 15	10 33	5 33	0 16	0 30	20 23	0 24	21 19	0 50	2 48	0 42	22 34	0 46	4 38	13 25	22 23	22 32	23 19	15 37	2 1	M19
T 20	8 58	25 36	2 27	4 5	0 4	10 50	5 42	0n 2	0 29	20 25	0 23	21 20	0 50	2 47	0 42	22 34	0 46	4 38	13 26	22 23	22 32	23 18	15 37	2 1	T 20
W21	8 36	25 1	1 28	3 11	0n 8	11 6	5 51	0 21	0 28	20 26	0 23	21 21	0 50	2 46	0 42	22 34	0 46	4 38	13 26	22 22	22 33	23 16	15 38	2 1	W21
T 22	8 13	23 20	0 25	2 17	0 21	11 21	5 59	0 40	0 28	20 27	0 23	21 21	0 50	2 44	0 42	22 34	0 46	4 37	13 27	22 22	22 33	23 15	15 39	2 1	T 22
F 23	7 51	20 37	0s38	1 23	0 33	11 36	6 8	0 58	0 27	20 29	0 23	21 22	0 50	2 43	0 42	22 34	0 46	4 37	13 27	22 22	22 33	23 13	15 39	2 1	F 23
S 24	7 28	17 1	1 41	0 31	0 46	11 50	6 17	1 17	0 26	20 30	0 23	21 23	0 50	2 41	0 42	22 34	0 46	4 36	13 27	22 23	22 34	23 12	15 40	2 1	S 24
S 25	7 5	12 41	2 39	0n19	0 59	12 2	6 25	1 35	0 25	20 32	0 22	21 23	0 51	2 40	0 42	22 34	0 46	4 36	13 28	22 23	22 34	23 10	15 40	2 1	S 25
M26	6 42	7 46	3 32	1 9	1 12	12 14	6 34	1 54	0 25	20 33	0 22	21 24	0 51	2 39	0 42	22 34	0 46	4 36	13 28	22 24	22 35	23 9	15 41	2 1	M26
T 27	6 19	2 28	4 14	1 56	1 25	12 24	6 42	2 12	0 24	20 35	0 22	21 24	0 51	2 37	0 42	22 33	0 46	4 35	13 28	22 25	22 35	23 7	15 42	2 1	T 27
W28	5s56	3s 1	4s45	2n41	1n38	12n33	6n50	2n31	0s23	20n36	0s22	21n25	0n51	2s36	0s42	22s33	0n46	4s35	13n29	22s26	22s35	23n 6	15n42	2s 1	W28

Julian Day Number = 2088165.5, Delta T = 23m58s
Ecliptic obliquity = 23°34'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'24, Lahiri = 9°59'24 Julian Calendar 1 Feb. 1005 == Greg. Calendar 7 Feb. 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

MARCH 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 56 16	15♓59'29	9♎38	4♈15	15♈54	7♈56	3♊35	28°R22	25♓ 9	8♑12	18°R59	17°R 8	16♑ 5	13♋43	19♉21	T 1
F 2	11 0 12	16°58'58	22°51	5°26	15°R54	8°40	3°42	28♋20	25°13	8°13	18♏58	16♑59	16° 2	13°50	19°23	F 2
S 3	11 4 9	17°58'24	6♏16	6°31	15°52	9°25	3°49	28°17	25°16	8°14	18°58	16°50	15°59	13°57	19°26	S 3
S 4	11 8 5	18°57'49	19°51	7°29	15°48	10° 9	3°57	28°15	25°20	8°15	18°57	16°44	15°55	14° 3	19°29	S 4
M 5	11 12 2	19°57'11	3♐36	8°20	15°41	10°54	4° 5	28°13	25°23	8°16	18°57	16°41	15°52	14°10	19°31	M 5
T 6	11 15 58	20°56'33	17°31	9° 4	15°32	11°38	4°12	28°11	25°27	8°17	18°56	16°D40	15°49	14°17	19°34	T 6
W 7	11 19 55	21°55'52	1♑35	9°40	15°20	12°23	4°20	28° 9	25°30	8°18	18°55	16°40	15°46	14°23	19°37	W 7
T 8	11 23 51	22°55'09	15°47	10° 9	15° 6	13° 7	4°28	28° 7	25°33	8°19	18°55	16°R40	15°43	14°30	19°40	T 8
F 9	11 27 48	23°54'25	0♒ 6	10°31	14°49	13°51	4°37	28° 6	25°37	8°20	18°54	16°40	15°39	14°37	19°43	F 9
S 10	11 31 45	24°53'39	14°30	10°45	14°30	14°36	4°45	28° 4	25°40	8°21	18°53	16°37	15°36	14°43	19°46	S 10
S 11	11 35 41	25°52'51	28°54	10°R52	14° 9	15°20	4°54	28° 3	25°44	8°22	18°52	16°32	15°33	14°50	19°49	S 11
M12	11 39 38	26°52'00	13♓14	10°52	13°45	16° 4	5° 2	28° 1	25°47	8°22	18°52	16°23	15°30	14°57	19°52	M12
T 13	11 43 34	27°51'08	27°23	10°44	13°19	16°48	5°11	28° 0	25°51	8°23	18°51	16°13	15°27	15° 3	19°55	T 13
W14	11 47 31	28°50'14	11♈17	10°30	12°52	17°32	5°20	27°59	25°54	8°24	18°50	16° 1	15°24	15°10	19°58	W14
T 15	11 51 27	29°49'18	24°52	10°10	12°22	18°16	5°29	27°58	25°57	8°25	18°49	15°50	15°20	15°16	20° 1	T 15
F 16	11 55 24	0♈48'19	8♉ 3	9°44	11°50	19° 0	5°38	27°57	26° 1	8°25	18°48	15°39	15°17	15°23	20° 5	F 16
S 17	11 59 20	1°47'18	20°53	9°13	11°17	19°44	5°47	27°56	26° 4	8°26	18°47	15°31	15°14	15°30	20° 8	S 17
S 18	12 3 17	2°46'15	3♊21	8°37	10°43	20°28	5°56	27°55	26° 8	8°27	18°46	15°25	15°11	15°36	20°11	S 18
M19	12 7 14	3°45'10	15°32	7°58	10° 7	21°11	6° 6	27°54	26°11	8°27	18°45	15°22	15° 8	15°43	20°15	M19
T 20	12 11 10	4°44'02	27°30	7°16	9°31	21°55	6°15	27°54	26°15	8°28	18°44	15°20	15° 5	15°50	20°18	T 20
W21	12 15 7	5°42'53	9♋20	6°32	8°54	22°39	6°25	27°53	26°18	8°28	18°43	15°20	15° 1	15°56	20°22	W21
T 22	12 19 3	6°41'40	21° 8	5°46	8°16	23°22	6°35	27°53	26°21	8°29	18°42	15°20	14°58	16° 3	20°25	T 22
F 23	12 23 0	7°40'26	2♌59	5° 1	7°38	24° 6	6°45	27°53	26°25	8°29	18°41	15°19	14°55	16°10	20°29	F 23
S 24	12 26 56	8°39'09	14°58	4°16	7° 0	24°50	6°55	27°D53	26°28	8°29	18°40	15°16	14°52	16°16	20°32	S 24
S 25	12 30 53	9°37'50	27°10	3°32	6°22	25°33	7° 5	27°53	26°31	8°30	18°39	15°11	14°49	16°23	20°36	S 25
M26	12 34 49	10°36'29	9♍38	2°50	5°45	26°16	7°15	27°53	26°35	8°30	18°37	15° 2	14°45	16°30	20°40	M26
T 27	12 38 46	11°35'05	22°24	2°12	5° 8	27° 0	7°25	27°53	26°38	8°31	18°36	14°52	14°42	16°36	20°44	T 27
W28	12 42 42	12°33'40	5♎29	1°36	4°33	27°43	7°36	27°53	26°42	8°31	18°35	14°40	14°39	16°43	20°47	W28
T 29	12 46 39	13°32'12	18°51	1° 5	3°59	28°26	7°46	27°54	26°45	8°31	18°34	14°27	14°36	16°50	20°51	T 29
F 30	12 50 36	14°30'43	2♏29	0°38	3°26	29°10	7°57	27°54	26°48	8°31	18°32	14°15	14°33	16°56	20°55	F 30
S 31	12 54 32	15♈29'11	16♏19	0♈15	2♈55	29♈53	8♊ 7	27♋55	26♓51	8♑31	18♏31	14♑ 5	14♑30	17♋ 3	20♉59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s33	8s27	5s 2	3n23	1n51	12n42	6n57	2n49	0s23	20n38	0s22	21n26	0n51	2s35	0s42	22s33	0n46	4s34	13n29	22s28	22s36	23n 4	15n43	2s 1
F 2	5 10	13 37	5 3	4 3	2 3	12 49	7 5	3 7	0 22	20 39	0 22	21 26	0 51	2 33	0 42	22 33	0 46	4 34	13 29	22 29	22 36	23 3	15 44	2 1
S 3	4 47	18 12	4 47	4 40	2 15	12 54	7 12	3 25	0 21	20 41	0 21	21 27	0 51	2 32	0 42	22 33	0 46	4 33	13 30	22 30	22 36	23 1	15 45	2 1
S 4	4 23	21 54	4 16	5 13	2 26	12 59	7 19	3 44	0 21	20 42	0 21	21 27	0 51	2 31	0 42	22 33	0 46	4 33	13 30	22 31	22 37	22 59	15 45	2 1
M 5	4 0	24 24	3 29	5 43	2 37	13 2	7 25	4 2	0 20	20 44	0 21	21 27	0 51	2 29	0 42	22 33	0 46	4 32	13 30	22 31	22 37	22 58	15 46	2 1
T 6	3 37	25 27	2 29	6 10	2 47	13 4	7 31	4 20	0 19	20 46	0 21	21 28	0 51	2 28	0 42	22 33	0 46	4 32	13 31	22 31	22 38	22 56	15 47	2 1
W 7	3 13	24 53	1 20	6 32	2 55	13 4	7 36	4 38	0 19	20 47	0 21	21 28	0 51	2 26	0 42	22 33	0 46	4 31	13 31	22 31	22 38	22 55	15 48	2 1
T 8	2 50	22 43	0 5	6 51	3 3	13 3	7 41	4 56	0 18	20 49	0 20	21 29	0 51	2 25	0 42	22 33	0 46	4 31	13 31	22 31	22 38	22 53	15 49	2 1
F 9	2 26	19 5	1n11	7 6	3 10	13 0	7 45	5 14	0 17	20 51	0 20	21 29	0 51	2 24	0 42	22 33	0 46	4 30	13 32	22 31	22 39	22 51	15 49	2 1
S 10	2 2	14 18	2 22	7 17	3 16	12 56	7 49	5 32	0 17	20 52	0 20	21 29	0 51	2 22	0 42	22 33	0 46	4 30	13 32	22 32	22 39	22 50	15 50	2 1
S 11	1 39	8 43	3 25	7 23	3 20	12 50	7 52	5 49	0 16	20 54	0 20	21 30	0 51	2 21	0 42	22 33	0 46	4 29	13 32	22 32	22 39	22 48	15 51	2 1
M12	1 15	2 44	4 13	7 26	3 23	12 43	7 54	6 7	0 15	20 56	0 20	21 30	0 51	2 20	0 42	22 32	0 46	4 29	13 32	22 33	22 40	22 47	15 52	2 1
T 13	0 52	3n20	4 46	7 24	3 24	12 35	7 56	6 25	0 15	20 57	0 20	21 30	0 51	2 18	0 42	22 32	0 46	4 28	13 33	22 35	22 40	22 45	15 53	2 1
W14	0 28	9 6	5 1	7 18	3 24	12 24	7 57	6 42	0 14	20 59	0 19	21 31	0 51	2 17	0 42	22 32	0 46	4 28	13 33	22 36	22 41	22 43	15 54	2 1
T 15	0 4	14 18	4 58	7 9	3 22	12 13	7 57	7 0	0 13	21 1	0 19	21 31	0 51	2 16	0 42	22 32	0 46	4 27	13 33	22 37	22 41	22 42	15 54	2 1
F 16	0n19	18 40	4 39	6 55	3 19	12 0	7 56	7 17	0 13	21 3	0 19	21 31	0 51	2 14	0 42	22 32	0 46	4 27	13 34	22 39	22 41	22 40	15 55	2 1
S 17	0 43	22 2	4 7	6 38	3 14	11 45	7 55	7 34	0 12	21 5	0 19	21 31	0 51	2 13	0 42	22 32	0 46	4 26	13 34	22 40	22 42	22 38	15 56	2 1
S 18	1 6	24 16	3 23	6 18	3 7	11 29	7 52	7 52	0 11	21 6	0 19	21 31	0 51	2 11	0 42	22 32	0 46	4 26	13 34	22 40	22 42	22 37	15 57	2 1
M19	1 30	25 17	2 31	5 55	2 59	11 12	7 49	8 9	0 11	21 8	0 19	21 31	0 51	2 10	0 42	22 32	0 46	4 25	13 34	22 41	22 42	22 35	15 58	2 1
T 20	1 53	25 6	1 33	5 29	2 49	10 54	7 45	8 26	0 10	21 10	0 19	21 32	0 51	2 9	0 42	22 32	0 46	4 25	13 35	22 41	22 43	22 33	15 59	2 1
W21	2 17	23 46	0 32	5 1	2 38	10 34	7 39	8 43	0 9	21 12	0 18	21 32	0 51	2 7	0 42	22 32	0 46	4 24	13 35	22 41	22 43	22 32	16 0	2 1
T 22	2 40	21 23	0s31	4 32	2 25	10 13	7 33	9 0	0 9	21 14	0 18	21 32	0 51	2 6	0 42	22 32	0 46	4 24	13 35	22 41	22 43	22 30	16 1	2 1
F 23	3 4	18 6	1 32	4 1	2 12	9 52	7 27	9 16	0 8	21 15	0 18	21 32	0 51	2 5	0 42	22 32	0 46	4 23	13 35	22 41	22 44	22 28	16 2	2 1
S 24	3 27	14 2	2 30	3 30	1 57	9 30	7 19	9 33	0 7	21 17	0 18	21 32	0 51	2 3	0 42	22 32	0 46	4 23	13 36	22 41	22 44	22 27	16 3	2 1
S 25	3 50	9 21	3 22	2 58	1 42	9 7	7 10	9 50	0 7	21 19	0 18	21 32	0 51	2 2	0 42	22 32	0 46	4 22	13 36	22 42	22 44	22 25	16 4	2 1
M26	4 13	4 12	4 6	2 27	1 26	8 44	7 1	10 6	0 6	21 21	0 18	21 32	0 51	2 1	0 42	22 32	0 46	4 22	13 36	22 43	22 45	22 23	16 5	2 1
T 27	4 36	1s13	4 38	1 57	1 10	8 20	6 51	10 22	0 5	21 23	0 17	21 32	0 51	1 59	0 42	22 32	0 46	4 21	13 36	22 44	22 45	22 22	16 6	2 1
W28	4 59	6 43	4 57	1 27	0 53	7 56	6 41	10 39	0 5	21 25	0 17	21 32	0 51	1 58	0 42	22 32	0 46	4 21	13 37	22 45	22 46	22 20	16 7	2 1
T 29	5 22	12 2	4 59	1 0	0 37	7 32	6 30	10 55	0 4	21 26	0 17	21 32	0 51	1 57	0 42	22 32	0 46	4 20	13 37	22 47	22 46	22 18	16 8	2 1
F 30	5 45	16 52	4 45	0 34	0 20	7 9	6 18	11 11	0 3	21 28	0 17	21 32	0 51	1 55	0 42	22 32	0 46	4 20	13 37	22 48	22 46	22 17	16 9	2 1
S 31	6n 8	20s52	4s15	0n10	0n 4	6n45	6n 6	11n27	0s 3	21n30	0s17	21n31	0n51	1s54	0s42	22s32	0n46	4s19	13n37	22s49	22s47	22n15	16n10	2s 1

Julian Day Number = 2088193.5, Delta T = 23m58s
Ecliptic obliquity = 23°34'09, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'28, Lahiri = 9°59'28 Julian Calendar 1 March 1005 == Greg. Calendar 7 March 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

APRIL 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 58 29	16♈27'38	0♐17	29°R57	2°R26	0♉36	8♊18	27♋56	26♓55	8♑32	18°R30	13°R57	14♑26	17♋ 9	21♉ 3	S 1
M 2	13 2 25	17°26'04	14°20	29♓44	1♈58	1°19	8°29	27°57	26°58	8°32	18♏28	13♑52	14°23	17°16	21° 7	M 2
T 3	13 6 22	18°24'28	28°26	29°37	1°33	2° 2	8°40	27°58	27° 1	8°32	18°27	13°50	14°20	17°23	21°11	T 3
W 4	13 10 18	19°22'50	12♑33	29°D34	1°10	2°45	8°51	27°59	27° 5	8°32	18°26	13°50	14°17	17°29	21°15	W 4
T 5	13 14 15	20°21'10	26°39	29°36	0°49	3°28	9° 2	28° 0	27° 8	8°R32	18°24	13°50	14°14	17°36	21°19	T 5
F 6	13 18 11	21°19'29	10♒45	29°43	0°31	4°11	9°13	28° 1	27°11	8°32	18°23	13°49	14°11	17°43	21°23	F 6
S 7	13 22 8	22°17'47	24°49	29°55	0°15	4°54	9°25	28° 3	27°14	8°32	18°22	13°46	14° 7	17°49	21°27	S 7
S 8	13 26 5	23°16'03	8♓48	0♈12	0° 1	5°37	9°36	28° 4	27°17	8°32	18°20	13°40	14° 4	17°56	21°31	S 8
M 9	13 30 1	24°14'17	22°42	0°33	29♓50	6°19	9°47	28° 6	27°21	8°32	18°19	13°32	14° 1	18° 3	21°35	M 9
T 10	13 33 58	25°12'29	6♈26	0°59	29°41	7° 2	9°59	28° 7	27°24	8°31	18°17	13°21	13°58	18° 9	21°39	T 10
W11	13 37 54	26°10'40	19°58	1°29	29°34	7°45	10°10	28° 9	27°27	8°31	18°16	13° 9	13°55	18°16	21°43	W11
T 12	13 41 51	27° 8'49	3♉14	2° 3	29°30	8°27	10°22	28°11	27°30	8°31	18°14	12°57	13°51	18°23	21°47	T 12
F 13	13 45 47	28° 6'57	16°12	2°40	29°D29	9°10	10°34	28°13	27°33	8°31	18°13	12°46	13°48	18°29	21°52	F 13
S 14	13 49 44	29° 5'02	28°53	3°22	29°30	9°52	10°46	28°15	27°36	8°30	18°11	12°37	13°45	18°36	21°56	S 14
S 15	13 53 40	0♉ 3'06	11♊16	4° 7	29°33	10°35	10°57	28°17	27°39	8°30	18°10	12°30	13°42	18°42	22° 0	S 15
M16	13 57 37	1° 1'08	23°25	4°56	29°38	11°17	11° 9	28°20	27°42	8°30	18° 8	12°26	13°39	18°49	22° 5	M16
T 17	14 1 34	1°59'09	5♋22	5°48	29°46	12° 0	11°21	28°22	27°45	8°29	18° 6	12°25	13°36	18°56	22° 9	T 17
W18	14 5 30	2°57'07	17°12	6°44	29°55	12°42	11°33	28°25	27°48	8°29	18° 5	12°D25	13°32	19° 2	22°13	W18
T 19	14 9 27	3°55'03	29° 0	7°42	0♈ 7	13°24	11°46	28°27	27°51	8°29	18° 3	12°R25	13°29	19° 9	22°18	T 19
F 20	14 13 23	4°52'58	10♌51	8°44	0°21	14° 6	11°58	28°30	27°54	8°28	18° 2	12°25	13°26	19°16	22°22	F 20
S 21	14 17 20	5°50'51	22°52	9°48	0°37	14°49	12°10	28°33	27°57	8°28	18° 0	12°23	13°23	19°22	22°26	S 21
S 22	14 21 16	6°48'42	5♍ 6	10°55	0°55	15°31	12°22	28°36	28° 0	8°27	17°58	12°20	13°20	19°29	22°31	S 22
M23	14 25 13	7°46'31	17°39	12° 5	1°14	16°13	12°35	28°39	28° 2	8°26	17°57	12°14	13°16	19°36	22°35	M23
T 24	14 29 9	8°44'18	0♎33	13°18	1°36	16°55	12°47	28°42	28° 5	8°26	17°55	12° 6	13°13	19°42	22°40	T 24
W25	14 33 6	9°42'04	13°50	14°33	1°59	17°37	13° 0	28°45	28° 8	8°25	17°54	11°57	13°10	19°49	22°44	W25
T 26	14 37 3	10°39'48	27°29	15°51	2°24	18°19	13°12	28°48	28°11	8°25	17°52	11°47	13° 7	19°56	22°49	T 26
F 27	14 40 59	11°37'31	11♏27	17°11	2°50	19° 1	13°25	28°52	28°13	8°24	17°50	11°37	13° 4	20° 2	22°53	F 27
S 28	14 44 56	12°35'12	25°41	18°34	3°18	19°42	13°37	28°55	28°16	8°23	17°49	11°29	13° 1	20° 9	22°58	S 28
S 29	14 48 52	13°32'52	10♐ 5	19°59	3°48	20°24	13°50	28°59	28°19	8°22	17°47	11°23	12°57	20°16	23° 2	S 29
M30	14 52 49	14♉30'31	24♐33	21♈26	4♈19	21♉ 6	14♊ 3	29♋ 2	28♓21	8♑22	17♏45	11♑20	12♑54	20♋22	23♉ 7	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n30	23s43	3s28	0s12	0s12	6n22	5n53	11n43	0s 2	21n32	0s17	21n31	0n51	1s53	0s42	22s32	0n46	4s19	13n37	22s50	22s47	22n13	16n11	2s 1
M 2	6 53	25 7	2 29	0 31	0 27	5 59	5 40	11 58	0 2	21 34	0 17	21 31	0 51	1 51	0 42	22 32	0 46	4 18	13 38	22 51	22 47	22 11	16 12	2 1
T 3	7 15	24 54	1 21	0 48	0 42	5 37	5 27	12 14	0 1	21 36	0 16	21 31	0 51	1 50	0 42	22 32	0 46	4 18	13 38	22 51	22 48	22 10	16 13	2 1
W 4	7 37	23 5	0 7	1 2	0 56	5 15	5 13	12 29	0 0	21 38	0 16	21 31	0 51	1 49	0 42	22 32	0 46	4 17	13 38	22 51	22 48	22 8	16 14	2 1
T 5	8 0	19 50	1n 7	1 14	1 10	4 54	4 59	12 45	0n 0	21 39	0 16	21 30	0 51	1 48	0 42	22 32	0 46	4 17	13 38	22 51	22 48	22 6	16 15	2 1
F 6	8 22	15 26	2 17	1 23	1 23	4 34	4 46	13 0	0 1	21 41	0 16	21 30	0 51	1 46	0 42	22 31	0 46	4 16	13 38	22 51	22 49	22 4	16 16	2 1
S 7	8 44	10 12	3 19	1 29	1 35	4 15	4 32	13 15	0 2	21 43	0 16	21 30	0 51	1 45	0 42	22 31	0 46	4 16	13 38	22 51	22 49	22 3	16 17	2 1
S 8	9 5	4 29	4 8	1 33	1 46	3 57	4 18	13 30	0 2	21 45	0 16	21 30	0 51	1 44	0 42	22 31	0 46	4 15	13 38	22 52	22 49	22 1	16 18	2 1
M 9	9 27	1n24	4 42	1 34	1 57	3 39	4 4	13 45	0 3	21 47	0 16	21 29	0 51	1 42	0 42	22 31	0 46	4 15	13 39	22 53	22 50	21 59	16 19	2 1
T 10	9 48	7 8	4 59	1 33	2 7	3 23	3 50	14 0	0 4	21 49	0 15	21 29	0 51	1 41	0 42	22 31	0 46	4 14	13 39	22 54	22 50	21 57	16 20	2 1
W11	10 10	12 27	4 59	1 29	2 16	3 8	3 36	14 14	0 4	21 51	0 15	21 29	0 51	1 40	0 42	22 31	0 46	4 14	13 39	22 55	22 50	21 56	16 21	2 1
T 12	10 31	17 5	4 43	1 23	2 24	2 54	3 22	14 29	0 5	21 52	0 15	21 28	0 51	1 39	0 42	22 31	0 46	4 13	13 39	22 56	22 51	21 54	16 22	2 1
F 13	10 52	20 48	4 12	1 14	2 31	2 41	3 9	14 43	0 5	21 54	0 15	21 28	0 51	1 38	0 42	22 31	0 46	4 13	13 39	22 57	22 51	21 52	16 23	2 1
S 14	11 12	23 25	3 29	1 4	2 38	2 29	2 55	14 57	0 6	21 56	0 15	21 27	0 51	1 36	0 42	22 31	0 46	4 12	13 39	22 58	22 51	21 50	16 24	2 1
S 15	11 33	24 51	2 38	0 51	2 44	2 18	2 42	15 11	0 7	21 58	0 15	21 27	0 51	1 35	0 42	22 31	0 46	4 12	13 39	22 59	22 52	21 49	16 25	2 1
M16	11 53	25 3	1 39	0 37	2 49	2 8	2 29	15 25	0 7	22 0	0 15	21 26	0 51	1 34	0 42	22 31	0 46	4 11	13 39	22 59	22 52	21 47	16 26	2 1
T 17	12 14	24 5	0 37	0 20	2 53	2 0	2 17	15 39	0 8	22 1	0 15	21 26	0 51	1 33	0 42	22 31	0 46	4 11	13 39	22 59	22 52	21 45	16 27	2 1
W18	12 34	22 2	0s25	0 1	2 57	1 52	2 4	15 52	0 9	22 3	0 14	21 25	0 51	1 32	0 42	22 31	0 46	4 10	13 39	22 59	22 53	21 43	16 28	2 1
T 19	12 54	19 3	1 27	0n19	3 0	1 46	1 52	16 6	0 9	22 5	0 14	21 25	0 51	1 30	0 42	22 32	0 46	4 10	13 39	22 59	22 53	21 41	16 29	2 1
F 20	13 13	15 16	2 26	0 42	3 2	1 40	1 40	16 19	0 10	22 7	0 14	21 24	0 51	1 29	0 42	22 32	0 46	4 9	13 39	22 59	22 53	21 39	16 30	2 1
S 21	13 33	10 51	3 18	1 6	3 3	1 36	1 28	16 32	0 10	22 8	0 14	21 24	0 51	1 28	0 42	22 32	0 46	4 9	13 39	22 59	22 54	21 38	16 32	2 1
S 22	13 52	5 55	4 3	1 31	3 4	1 32	1 17	16 45	0 11	22 10	0 14	21 23	0 51	1 27	0 42	22 32	0 46	4 8	13 39	23 0	22 54	21 36	16 33	2 1
M23	14 11	0 40	4 37	1 59	3 4	1 30	1 6	16 58	0 12	22 12	0 14	21 22	0 51	1 26	0 42	22 32	0 46	4 8	13 39	23 0	22 54	21 34	16 34	2 1
T 24	14 29	4s46	4 58	2 27	3 4	1 29	0 55	17 10	0 12	22 14	0 14	21 22	0 51	1 25	0 42	22 32	0 46	4 8	13 39	23 1	22 54	21 32	16 35	2 1
W25	14 48	10 9	5 4	2 58	3 3	1 28	0 45	17 23	0 13	22 15	0 14	21 21	0 51	1 24	0 42	22 32	0 46	4 7	13 39	23 2	22 55	21 30	16 36	2 1
T 26	15 6	15 11	4 53	3 29	3 1	1 29	0 34	17 35	0 13	22 17	0 13	21 20	0 51	1 23	0 43	22 32	0 46	4 7	13 39	23 3	22 55	21 29	16 37	2 2
F 27	15 24	19 32	4 24	4 2	2 58	1 31	0 24	17 47	0 14	22 19	0 13	21 20	0 51	1 22	0 43	22 32	0 46	4 6	13 39	23 3	22 55	21 27	16 38	2 2
S 28	15 42	22 50	3 39	4 37	2 55	1 33	0 15	18 0	0 15	22 20	0 13	21 19	0 51	1 21	0 43	22 32	0 46	4 6	13 39	23 4	22 56	21 25	16 39	2 2
S 29	15 59	24 42	2 39	5 12	2 52	1 36	0 6	18 11	0 15	22 22	0 13	21 18	0 51	1 19	0 43	22 32	0 46	4 6	13 39	23 5	22 56	21 23	16 40	2 2
M30	16n17	24s56	1s29	5n49	2s48	1n40	0s 4	18n23	0n16	22n24	0s13	21n18	0n51	1s18	0s43	22s32	0n46	4s 5	13n39	23s 5	22s56	21n21	16n41	2s 2

Julian Day Number = 2088224.5, Delta T = 23m58s
Ecliptic obliquity = 23°34'08, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'32, Lahiri = 9°59'32 Julian Calendar 1 Apr. 1005 == Greg. Calendar 7 Apr. 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

MAY 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 56 45	15♉28'09	9♑ 0	22♈56	4♈52	21♉48	14♊15	29♋ 6	28♓24	8°R21	17°R44	11°D19	12♑51	20♋29	23♉11	T 1
W 2	15 0 42	16°25'46	23°22	24°28	5°25	22°29	14°28	29°10	28°27	8♑20	17♏42	11♑19	12°48	20°35	23°16	W 2
T 3	15 4 38	17°23'21	7♒36	26° 2	6° 0	23°11	14°41	29°14	28°29	8°19	17°40	11°20	12°45	20°42	23°20	T 3
F 4	15 8 35	18°20'56	21°40	27°39	6°37	23°53	14°54	29°18	28°32	8°18	17°39	11°R20	12°42	20°49	23°25	F 4
S 5	15 12 32	19°18'30	5♓35	29°18	7°14	24°34	15° 7	29°22	28°34	8°18	17°37	11°19	12°38	20°55	23°29	S 5
S 6	15 16 28	20°16'03	19°18	0♉59	7°53	25°15	15°20	29°26	28°37	8°17	17°35	11°16	12°35	21° 2	23°34	S 6
M 7	15 20 25	21°13'35	2♈50	2°43	8°33	25°57	15°33	29°30	28°39	8°16	17°34	11°10	12°32	21° 9	23°38	M 7
T 8	15 24 21	22°11'06	16°10	4°29	9°14	26°38	15°46	29°35	28°41	8°15	17°32	11° 3	12°29	21°15	23°43	T 8
W 9	15 28 18	23° 8'36	29°18	6°17	9°55	27°20	15°59	29°39	28°44	8°14	17°30	10°55	12°26	21°22	23°47	W 9
T 10	15 32 14	24° 6'05	12♉11	8° 8	10°38	28° 1	16°12	29°44	28°46	8°13	17°29	10°47	12°22	21°29	23°52	T 10
F 11	15 36 11	25° 3'33	24°51	10° 0	11°22	28°42	16°25	29°48	28°48	8°12	17°27	10°40	12°19	21°35	23°57	F 11
S 12	15 40 7	26° 1'01	7♊17	11°55	12° 7	29°23	16°39	29°53	28°50	8°10	17°26	10°33	12°16	21°42	24° 1	S 12
S 13	15 44 4	26°58'27	19°31	13°52	12°52	0♊ 5	16°52	29°58	28°53	8° 9	17°24	10°29	12°13	21°49	24° 6	S 13
M14	15 48 1	27°55'52	1♋33	15°51	13°39	0°46	17° 5	0♌ 3	28°55	8° 8	17°22	10°27	12°10	21°55	24°10	M14
T 15	15 51 57	28°53'16	13°26	17°53	14°26	1°27	17°18	0° 7	28°57	8° 7	17°21	10°D27	12° 7	22° 2	24°15	T 15
W16	15 55 54	29°50'39	25°15	19°56	15°14	2° 8	17°32	0°12	28°59	8° 6	17°19	10°28	12° 3	22° 9	24°19	W16
T 17	15 59 50	0♊48'01	7♌ 2	22° 1	16° 2	2°49	17°45	0°17	29° 1	8° 5	17°17	10°29	12° 0	22°15	24°24	T 17
F 18	16 3 47	1°45'22	18°54	24° 7	16°52	3°30	17°58	0°23	29° 3	8° 4	17°16	10°31	11°57	22°22	24°28	F 18
S 19	16 7 43	2°42'42	0♍54	26°15	17°42	4°11	18°12	0°28	29° 5	8° 2	17°14	10°R31	11°54	22°28	24°33	S 19
S 20	16 11 40	3°40'00	13° 8	28°24	18°32	4°52	18°25	0°33	29° 7	8° 1	17°13	10°31	11°51	22°35	24°38	S 20
M21	16 15 36	4°37'18	25°40	0♊35	19°24	5°32	18°39	0°38	29° 9	8° 0	17°11	10°29	11°48	22°42	24°42	M21
T 22	16 19 33	5°34'35	8♎35	2°46	20°15	6°13	18°52	0°44	29°10	7°59	17°10	10°26	11°44	22°48	24°47	T 22
W23	16 23 30	6°31'50	21°55	4°57	21° 8	6°54	19° 6	0°49	29°12	7°57	17° 8	10°21	11°41	22°55	24°51	W23
T 24	16 27 26	7°29'05	5♏41	7° 9	22° 1	7°35	19°19	0°55	29°14	7°56	17° 7	10°16	11°38	23° 2	24°56	T 24
F 25	16 31 23	8°26'19	19°51	9°21	22°55	8°15	19°33	1° 0	29°16	7°55	17° 5	10°12	11°35	23° 8	25° 0	F 25
S 26	16 35 19	9°23'33	4♐21	11°32	23°49	8°56	19°46	1° 6	29°17	7°53	17° 4	10° 8	11°32	23°15	25° 5	S 26
S 27	16 39 16	10°20'46	19° 6	13°43	24°44	9°36	20° 0	1°12	29°19	7°52	17° 2	10° 5	11°28	23°22	25° 9	S 27
M28	16 43 12	11°17'58	3♑57	15°53	25°39	10°17	20°13	1°17	29°20	7°50	17° 1	10°D 4	11°25	23°28	25°13	M28
T 29	16 47 9	12°15'10	18°48	18° 3	26°35	10°57	20°27	1°23	29°22	7°49	16°59	10° 4	11°22	23°35	25°18	T 29
W30	16 51 6	13°12'22	3♒31	20°11	27°31	11°38	20°40	1°29	29°23	7°48	16°58	10° 5	11°19	23°42	25°22	W30
T 31	16 55 2	14♊ 9'34	18♒ 1	22♊17	28♈27	12♊18	20♊54	1♌35	29♓25	7♑46	16♏56	10♑ 6	11♑16	23♋48	25♉27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n34	23s28	0s12	6n27	2s43	1n45	0s12	18n35	0n16	22n25	0s13	21n17	0n51	1s17	0s43	22s32	0n46	4s 5	13n39	23s 5	22s57	21n19	16n42	2s 2
W 2	16 50	20 29	1n 4	7 6	2 37	1 51	0 21	18 46	0 17	22 27	0 13	21 16	0 51	1 16	0 43	22 32	0 47	4 4	13 39	23 5	22 57	21 17	16 43	2 2
T 3	17 7	16 16	2 16	7 45	2 31	1 57	0 29	18 57	0 18	22 28	0 13	21 15	0 51	1 15	0 43	22 32	0 47	4 4	13 39	23 5	22 57	21 16	16 44	2 2
F 4	17 23	11 13	3 19	8 26	2 25	2 4	0 37	19 8	0 18	22 30	0 13	21 14	0 51	1 14	0 43	22 32	0 47	4 4	13 39	23 5	22 58	21 14	16 45	2 2
S 5	17 39	5 39	4 10	9 8	2 18	2 12	0 45	19 19	0 19	22 32	0 12	21 13	0 51	1 14	0 43	22 32	0 47	4 3	13 39	23 5	22 58	21 12	16 46	2 2
S 6	17 55	0n 7	4 45	9 50	2 11	2 21	0 52	19 30	0 19	22 33	0 12	21 13	0 51	1 13	0 43	22 32	0 47	4 3	13 39	23 5	22 58	21 10	16 48	2 2
M 7	18 10	5 47	5 4	10 33	2 3	2 30	0 59	19 40	0 20	22 35	0 12	21 12	0 51	1 12	0 43	22 32	0 47	4 3	13 39	23 6	22 58	21 8	16 49	2 2
T 8	18 25	11 6	5 6	11 17	1 55	2 40	1 6	19 50	0 20	22 36	0 12	21 11	0 51	1 11	0 43	22 32	0 47	4 2	13 39	23 6	22 59	21 6	16 50	2 2
W 9	18 40	15 49	4 52	12 1	1 46	2 50	1 13	20 1	0 21	22 38	0 12	21 10	0 51	1 10	0 43	22 32	0 47	4 2	13 39	23 7	22 59	21 4	16 51	2 2
T 10	18 54	19 44	4 23	12 46	1 37	3 1	1 19	20 11	0 22	22 39	0 12	21 9	0 51	1 9	0 43	22 32	0 47	4 2	13 38	23 8	22 59	21 2	16 52	2 3
F 11	19 8	22 40	3 41	13 31	1 27	3 13	1 25	20 20	0 22	22 41	0 12	21 8	0 51	1 8	0 43	22 32	0 47	4 1	13 38	23 8	23 0	21 0	16 53	2 3
S 12	19 22	24 26	2 50	14 16	1 17	3 25	1 31	20 30	0 23	22 42	0 12	21 7	0 51	1 7	0 43	22 32	0 47	4 1	13 38	23 9	23 0	20 58	16 54	2 3
S 13	19 35	25 0	1 51	15 1	1 7	3 38	1 37	20 39	0 23	22 44	0 12	21 6	0 51	1 6	0 43	22 32	0 47	4 1	13 38	23 9	23 0	20 57	16 55	2 3
M14	19 48	24 22	0 48	15 46	0 57	3 51	1 42	20 49	0 24	22 45	0 11	21 5	0 51	1 5	0 43	22 33	0 47	4 0	13 38	23 9	23 1	20 55	16 56	2 3
T 15	20 1	22 37	0s16	16 31	0 46	4 4	1 47	20 58	0 24	22 46	0 11	21 4	0 51	1 5	0 43	22 33	0 47	4 0	13 38	23 9	23 1	20 53	16 57	2 3
W16	20 14	19 54	1 20	17 15	0 35	4 18	1 52	21 6	0 25	22 48	0 11	21 3	0 51	1 4	0 43	22 33	0 47	4 0	13 38	23 9	23 1	20 51	16 58	2 3
T 17	20 26	16 21	2 20	17 58	0 25	4 33	1 57	21 15	0 26	22 49	0 11	21 2	0 51	1 3	0 43	22 33	0 47	4 0	13 37	23 9	23 1	20 49	16 59	2 3
F 18	20 37	12 10	3 14	18 41	0 14	4 48	2 1	21 24	0 26	22 50	0 11	21 1	0 51	1 2	0 43	22 33	0 47	3 59	13 37	23 9	23 2	20 47	17 0	2 3
S 19	20 49	7 28	4 1	19 22	0 3	5 3	2 6	21 32	0 27	22 52	0 11	21 0	0 51	1 2	0 43	22 33	0 47	3 59	13 37	23 9	23 2	20 45	17 1	2 3
S 20	21 0	2 24	4 37	20 2	0n 8	5 18	2 10	21 40	0 27	22 53	0 11	20 58	0 51	1 1	0 43	22 33	0 47	3 59	13 37	23 9	23 2	20 43	17 2	2 4
M21	21 11	2s53	5 2	20 41	0 18	5 34	2 14	21 48	0 28	22 54	0 11	20 57	0 51	1 0	0 43	22 33	0 47	3 59	13 37	23 9	23 3	20 41	17 3	2 4
T 22	21 21	8 12	5 12	21 17	0 29	5 50	2 17	21 56	0 28	22 55	0 11	20 56	0 51	0 59	0 43	22 33	0 47	3 59	13 36	23 9	23 3	20 39	17 4	2 4
W23	21 31	13 18	5 6	21 52	0 39	6 7	2 21	22 3	0 29	22 57	0 10	20 55	0 51	0 59	0 43	22 33	0 47	3 58	13 36	23 10	23 3	20 37	17 5	2 4
T 24	21 41	17 55	4 42	22 25	0 48	6 24	2 24	22 10	0 29	22 58	0 10	20 54	0 51	0 58	0 43	22 33	0 47	3 58	13 36	23 10	23 3	20 35	17 6	2 4
F 25	21 50	21 39	4 1	22 55	0 57	6 41	2 27	22 18	0 30	22 59	0 10	20 52	0 51	0 57	0 43	22 33	0 47	3 58	13 36	23 10	23 4	20 33	17 7	2 4
S 26	21 59	24 8	3 3	23 23	1 6	6 58	2 30	22 24	0 30	23 0	0 10	20 51	0 51	0 57	0 43	22 33	0 47	3 58	13 35	23 11	23 4	20 31	17 8	2 4
S 27	22 7	24 59	1 53	23 48	1 14	7 16	2 33	22 31	0 31	23 1	0 10	20 50	0 51	0 56	0 43	22 33	0 47	3 58	13 35	23 11	23 4	20 29	17 9	2 4
M28	22 15	24 4	0 34	24 10	1 21	7 33	2 35	22 38	0 31	23 2	0 10	20 49	0 51	0 56	0 43	22 34	0 47	3 58	13 35	23 11	23 4	20 27	17 10	2 4
T 29	22 23	21 27	0n48	24 30	1 28	7 51	2 38	22 44	0 32	23 4	0 10	20 47	0 51	0 55	0 43	22 34	0 47	3 58	13 35	23 11	23 5	20 25	17 11	2 5
W30	22 30	17 27	2 5	24 46	1 34	8 10	2 40	22 50	0 32	23 5	0 10	20 46	0 51	0 54	0 43	22 34	0 47	3 57	13 34	23 11	23 5	20 23	17 11	2 5
T 31	22n37	12s26	3n14	25n 0	1n40	8n28	2s42	22n56	0n33	23n 6	0s10	20n45	0n51	0s54	0s43	22s34	0n47	3s57	13n34	23s11	23s 5	20n21	17n12	2s 5

Julian Day Number = 2088254.5, Delta T = 23m57s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'36, Lahiri = 9°59'36 Julian Calendar 1 May 1005 == Greg. Calendar 7 May 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

JUNE 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 58 59	15♊ 6'45	2♓15	24♊22	29♈24	12♊59	21♊ 7	1♌41	29♓26	7°R45	16°R55	10♑ 7	11♑13	23♋55	25♉31	F 1
S 2	17 2 55	16° 3'57	16°11	26°25	0♉22	13°39	21°21	1°47	29°28	7♑43	16♏53	10°R 8	11° 9	24° 2	25°35	S 2
S 3	17 6 52	17° 1'08	29°49	28°26	1°20	14°19	21°35	1°53	29°29	7°42	16°52	10° 7	11° 6	24° 8	25°40	S 3
M 4	17 10 48	17°58'19	13♈ 9	0♋26	2°18	15° 0	21°48	2° 0	29°30	7°40	16°51	10° 6	11° 3	24°15	25°44	M 4
T 5	17 14 45	18°55'30	26°12	2°24	3°17	15°40	22° 2	2° 6	29°31	7°39	16°49	10° 3	11° 0	24°21	25°48	T 5
W 6	17 18 41	19°52'42	9♉ 0	4°19	4°16	16°20	22°15	2°12	29°33	7°37	16°48	10° 1	10°57	24°28	25°53	W 6
T 7	17 22 38	20°49'53	21°34	6°12	5°15	17° 0	22°29	2°19	29°34	7°36	16°47	9°58	10°54	24°35	25°57	T 7
F 8	17 26 35	21°47'04	3♊56	8° 4	6°15	17°40	22°43	2°25	29°35	7°34	16°45	9°55	10°50	24°41	26° 1	F 8
S 9	17 30 31	22°44'15	16° 7	9°53	7°15	18°20	22°56	2°31	29°36	7°33	16°44	9°53	10°47	24°48	26° 6	S 9
S 10	17 34 28	23°41'27	28° 9	11°40	8°15	19° 0	23°10	2°38	29°37	7°31	16°43	9°52	10°44	24°55	26°10	S 10
M11	17 38 24	24°38'38	10♋ 3	13°25	9°16	19°40	23°24	2°44	29°38	7°29	16°42	9°D51	10°41	25° 1	26°14	M11
T 12	17 42 21	25°35'49	21°53	15° 8	10°17	20°20	23°37	2°51	29°39	7°28	16°41	9°52	10°38	25° 8	26°18	T 12
W13	17 46 17	26°33'00	3♌40	16°49	11°18	21° 0	23°51	2°58	29°39	7°26	16°39	9°53	10°34	25°15	26°22	W13
T 14	17 50 14	27°30'10	15°28	18°28	12°20	21°40	24° 4	3° 4	29°40	7°25	16°38	9°54	10°31	25°21	26°26	T 14
F 15	17 54 10	28°27'21	27°20	20° 4	13°22	22°20	24°18	3°11	29°41	7°23	16°37	9°55	10°28	25°28	26°30	F 15
S 16	17 58 7	29°24'31	9♍21	21°38	14°24	23° 0	24°32	3°18	29°42	7°22	16°36	9°56	10°25	25°35	26°35	S 16
S 17	18 2 4	0♋21'41	21°34	23°11	15°26	23°40	24°45	3°25	29°42	7°20	16°35	9°56	10°22	25°41	26°39	S 17
M18	18 6 0	1°18'51	4♎ 4	24°41	16°29	24°19	24°59	3°32	29°43	7°18	16°34	9°R56	10°19	25°48	26°43	M18
T 19	18 9 57	2°16'01	16°56	26° 8	17°32	24°59	25°12	3°39	29°43	7°17	16°33	9°56	10°15	25°55	26°46	T 19
W20	18 13 53	3°13'11	0♏12	27°34	18°35	25°39	25°26	3°46	29°44	7°15	16°32	9°56	10°12	26° 1	26°50	W20
T 21	18 17 50	4°10'21	13°54	28°57	19°38	26°18	25°39	3°52	29°44	7°13	16°31	9°55	10° 9	26° 8	26°54	T 21
F 22	18 21 46	5° 7'31	28° 4	0♌18	20°42	26°58	25°53	4° 0	29°45	7°12	16°30	9°54	10° 6	26°15	26°58	F 22
S 23	18 25 43	6° 4'42	12♐37	1°37	21°45	27°37	26° 6	4° 7	29°45	7°10	16°29	9°54	10° 3	26°21	27° 2	S 23
S 24	18 29 39	7° 1'52	27°30	2°53	22°49	28°17	26°20	4°14	29°45	7° 9	16°28	9°54	10° 0	26°28	27° 6	S 24
M25	18 33 36	7°59'03	12♑35	4° 7	23°54	28°56	26°33	4°21	29°46	7° 7	16°27	9°D54	9°56	26°34	27°10	M25
T 26	18 37 33	8°56'14	27°43	5°18	24°58	29°36	26°47	4°28	29°46	7° 5	16°26	9°54	9°53	26°41	27°13	T 26
W27	18 41 29	9°53'26	12♒46	6°27	26° 3	0♋15	27° 0	4°35	29°46	7° 4	16°26	9°R54	9°50	26°48	27°17	W27
T 28	18 45 26	10°50'38	27°35	7°33	27° 8	0°55	27°14	4°42	29°46	7° 2	16°25	9°54	9°47	26°54	27°21	T 28
F 29	18 49 22	11°47'52	12♓ 4	8°37	28°13	1°34	27°27	4°50	29°46	7° 0	16°24	9°54	9°44	27° 1	27°24	F 29
S 30	18 53 19	12♋45'05	26♓10	9♌38	29♉18	2♋13	27♊40	4♌57	29°R46	6♑59	16♏23	9♑54	9♑40	27♋ 8	27♉28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n44	6s51	4n 9	25n11	1n45	8n46	2s44	23n 2	0n34	23n 7	0s 9	20n43	0n51	0s53	0s43	22s34	0n47	3s57	13n34	23s11	23s 6	20n19	17n13	2s 5
S 2	22 50	1 3	4 48	25 20	1 49	9 5	2 45	23 7	0 34	23 8	0 9	20 42	0 51	0 53	0 44	22 34	0 47	3 57	13 33	23 11	23 6	20 17	17 14	2 5
S 3	22 56	4n39	5 10	25 25	1 52	9 24	2 47	23 13	0 35	23 9	0 9	20 41	0 51	0 52	0 44	22 34	0 47	3 57	13 33	23 11	23 6	20 15	17 15	2 5
M 4	23 1	10 2	5 14	25 29	1 54	9 42	2 48	23 18	0 35	23 10	0 9	20 39	0 51	0 52	0 44	22 34	0 47	3 57	13 33	23 11	23 6	20 13	17 16	2 5
T 5	23 6	14 51	5 3	25 29	1 56	10 1	2 49	23 23	0 36	23 11	0 9	20 38	0 51	0 51	0 44	22 34	0 47	3 57	13 32	23 11	23 7	20 11	17 17	2 5
W 6	23 11	18 55	4 36	25 27	1 57	10 20	2 50	23 28	0 36	23 11	0 9	20 37	0 51	0 51	0 44	22 34	0 47	3 57	13 32	23 11	23 7	20 9	17 18	2 6
T 7	23 15	22 3	3 56	25 23	1 58	10 39	2 51	23 32	0 37	23 12	0 9	20 35	0 51	0 51	0 44	22 34	0 47	3 57	13 32	23 12	23 7	20 7	17 19	2 6
F 8	23 19	24 5	3 6	25 17	1 58	10 58	2 52	23 37	0 37	23 13	0 9	20 34	0 51	0 50	0 44	22 34	0 47	3 57	13 31	23 12	23 7	20 5	17 19	2 6
S 9	23 22	24 57	2 8	25 8	1 57	11 17	2 53	23 41	0 38	23 14	0 9	20 32	0 52	0 50	0 44	22 35	0 47	3 57	13 31	23 12	23 8	20 3	17 20	2 6
S 10	23 25	24 38	1 4	24 58	1 55	11 36	2 53	23 45	0 38	23 15	0 9	20 31	0 52	0 49	0 44	22 35	0 47	3 57	13 31	23 12	23 8	20 1	17 21	2 6
M11	23 28	23 10	0s 1	24 45	1 53	11 55	2 53	23 48	0 39	23 16	0 8	20 29	0 52	0 49	0 44	22 35	0 47	3 57	13 30	23 12	23 8	19 59	17 22	2 6
T 12	23 30	20 41	1 6	24 31	1 50	12 14	2 54	23 52	0 39	23 16	0 8	20 28	0 52	0 49	0 44	22 35	0 47	3 57	13 30	23 12	23 8	19 57	17 23	2 7
W13	23 31	17 22	2 8	24 16	1 46	12 33	2 54	23 55	0 40	23 17	0 8	20 26	0 52	0 48	0 44	22 35	0 47	3 57	13 30	23 12	23 9	19 55	17 24	2 7
T 14	23 33	13 20	3 5	23 59	1 42	12 52	2 54	23 58	0 40	23 18	0 8	20 25	0 52	0 48	0 44	22 35	0 47	3 57	13 29	23 12	23 9	19 53	17 24	2 7
F 15	23 34	8 48	3 54	23 40	1 37	13 11	2 53	24 1	0 41	23 19	0 8	20 23	0 52	0 48	0 44	22 35	0 47	3 57	13 29	23 12	23 9	19 51	17 25	2 7
S 16	23 34	3 53	4 34	23 20	1 32	13 29	2 53	24 4	0 41	23 19	0 8	20 22	0 52	0 48	0 44	22 35	0 47	3 57	13 28	23 12	23 9	19 49	17 26	2 7
S 17	23 34	1s15	5 1	22 59	1 26	13 48	2 53	24 6	0 42	23 20	0 8	20 20	0 52	0 47	0 44	22 35	0 47	3 57	13 28	23 12	23 10	19 47	17 27	2 7
M18	23 34	6 27	5 16	22 37	1 20	14 6	2 52	24 9	0 42	23 21	0 8	20 19	0 52	0 47	0 44	22 35	0 47	3 57	13 28	23 12	23 10	19 45	17 27	2 8
T 19	23 33	11 32	5 15	22 14	1 13	14 25	2 51	24 11	0 42	23 21	0 8	20 17	0 52	0 47	0 44	22 36	0 47	3 58	13 27	23 12	23 10	19 43	17 28	2 8
W20	23 32	16 15	4 58	21 50	1 6	14 43	2 51	24 13	0 43	23 22	0 8	20 15	0 52	0 47	0 44	22 36	0 47	3 58	13 27	23 12	23 10	19 41	17 29	2 8
T 21	23 30	20 17	4 24	21 26	0 58	15 1	2 50	24 14	0 43	23 22	0 8	20 14	0 52	0 47	0 44	22 36	0 47	3 58	13 26	23 12	23 11	19 39	17 30	2 8
F 22	23 28	23 17	3 32	21 1	0 50	15 19	2 49	24 16	0 44	23 23	0 7	20 12	0 52	0 47	0 44	22 36	0 47	3 58	13 26	23 12	23 11	19 36	17 30	2 8
S 23	23 26	24 51	2 26	20 35	0 41	15 36	2 48	24 17	0 44	23 23	0 7	20 10	0 52	0 46	0 44	22 36	0 47	3 58	13 26	23 12	23 11	19 34	17 31	2 8
S 24	23 23	24 41	1 8	20 8	0 32	15 54	2 46	24 18	0 45	23 24	0 7	20 9	0 52	0 46	0 44	22 36	0 47	3 58	13 25	23 12	23 11	19 32	17 32	2 9
M25	23 20	22 43	0n15	19 42	0 23	16 11	2 45	24 19	0 45	23 24	0 7	20 7	0 52	0 46	0 44	22 36	0 47	3 58	13 25	23 12	23 12	19 30	17 32	2 9
T 26	23 16	19 8	1 38	19 15	0 13	16 28	2 44	24 20	0 46	23 25	0 7	20 5	0 52	0 46	0 44	22 36	0 47	3 59	13 24	23 12	23 12	19 28	17 33	2 9
W27	23 12	14 18	2 53	18 48	0 2	16 45	2 42	24 20	0 46	23 25	0 7	20 4	0 52	0 46	0 44	22 36	0 47	3 59	13 24	23 12	23 12	19 26	17 34	2 9
T 28	23 7	8 42	3 55	18 21	0s 8	17 1	2 40	24 21	0 47	23 26	0 7	20 2	0 52	0 46	0 44	22 36	0 46	3 59	13 23	23 12	23 12	19 24	17 34	2 9
F 29	23 2	2 44	4 41	17 54	0 19	17 17	2 39	24 21	0 47	23 26	0 7	20 0	0 52	0 46	0 44	22 36	0 46	3 59	13 23	23 12	23 13	19 22	17 35	2 9
S 30	22n57	3n11	5n 9	17n27	0s31	17n33	2s37	24n21	0n48	23n26	0s 7	19n59	0n52	0s46	0s44	22s37	0n46	4s 0	13n22	23s12	23s13	19n20	17n36	2s10

Julian Day Number = 2088285.5, Delta T = 23m57s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'40, Lahiri = 9°59'41 Julian Calendar 1 June 1005 == Greg. Calendar 7 June 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

JULY 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 57 15	13♋42'20	9♈51	10♌35	0♊23	2♋53	27♊54	5♌ 4	29°R46	6°R57	16°R23	9°D53	9♑37	27♋14	27♉31	S 1
M 2	19 1 12	14°39'36	23° 8	11°30	1°29	3°32	28° 7	5°11	29♓46	6♑56	16♏22	9♑53	9°34	27°21	27°35	M 2
T 3	19 5 8	15°36'52	6♉ 3	12°22	2°35	4°11	28°20	5°19	29°46	6°54	16°21	9°54	9°31	27°28	27°38	T 3
W 4	19 9 5	16°34'10	18°40	13°10	3°41	4°50	28°33	5°26	29°46	6°52	16°21	9°54	9°28	27°34	27°42	W 4
T 5	19 13 2	17°31'29	1♊ 1	13°54	4°47	5°30	28°47	5°34	29°46	6°51	16°20	9°55	9°25	27°41	27°45	T 5
F 6	19 16 58	18°28'48	13° 9	14°36	5°53	6° 9	29° 0	5°41	29°45	6°49	16°20	9°56	9°21	27°48	27°49	F 6
S 7	19 20 55	19°26'09	25° 9	15°13	7° 0	6°48	29°13	5°49	29°45	6°48	16°19	9°56	9°18	27°54	27°52	S 7
S 8	19 24 51	20°23'30	7♋ 2	15°47	8° 6	7°27	29°26	5°56	29°45	6°46	16°19	9°R57	9°15	28° 1	27°55	S 8
M 9	19 28 48	21°20'52	18°51	16°16	9°13	8° 6	29°39	6° 3	29°44	6°45	16°18	9°57	9°12	28° 8	27°58	M 9
T 10	19 32 44	22°18'15	0♌38	16°41	10°20	8°45	29°52	6°11	29°44	6°43	16°18	9°56	9° 9	28°14	28° 2	T 10
W11	19 36 41	23°15'39	12°26	17° 2	11°27	9°24	0♋ 5	6°19	29°43	6°41	16°17	9°55	9° 6	28°21	28° 5	W11
T 12	19 40 38	24°13'04	24°17	17°18	12°35	10° 3	0°18	6°26	29°43	6°40	16°17	9°53	9° 2	28°28	28° 8	T 12
F 13	19 44 34	25°10'29	6♍14	17°29	13°42	10°42	0°31	6°34	29°42	6°38	16°17	9°50	8°59	28°34	28°11	F 13
S 14	19 48 31	26° 7'55	18°18	17°35	14°49	11°21	0°44	6°41	29°41	6°37	16°16	9°48	8°56	28°41	28°14	S 14
S 15	19 52 27	27° 5'22	0♎34	17°R36	15°57	12° 0	0°57	6°49	29°41	6°35	16°16	9°46	8°53	28°48	28°17	S 15
M16	19 56 24	28° 2'50	13° 5	17°32	17° 5	12°39	1°10	6°56	29°40	6°34	16°16	9°45	8°50	28°54	28°19	M16
T 17	20 0 20	29° 0'19	25°53	17°22	18°13	13°17	1°23	7° 4	29°39	6°32	16°16	9°D44	8°46	29° 1	28°22	T 17
W18	20 4 17	29°57'48	9♏ 3	17° 7	19°21	13°56	1°35	7°12	29°38	6°31	16°16	9°44	8°43	29° 8	28°25	W18
T 19	20 8 13	0♌55'19	22°37	16°47	20°29	14°35	1°48	7°19	29°37	6°29	16°16	9°45	8°40	29°14	28°28	T 19
F 20	20 12 10	1°52'50	6♐37	16°22	21°37	15°14	2° 1	7°27	29°36	6°28	16°15	9°46	8°37	29°21	28°30	F 20
S 21	20 16 6	2°50'22	21° 1	15°51	22°46	15°52	2°13	7°34	29°35	6°27	16°15	9°48	8°34	29°27	28°33	S 21
S 22	20 20 3	3°47'56	5♑48	15°16	23°55	16°31	2°26	7°42	29°34	6°25	16°D15	9°R48	8°31	29°34	28°36	S 22
M23	20 24 0	4°45'30	20°52	14°37	25° 3	17°10	2°38	7°50	29°33	6°24	16°15	9°48	8°27	29°41	28°38	M23
T 24	20 27 56	5°43'05	6♒ 5	13°53	26°12	17°48	2°51	7°57	29°32	6°23	16°15	9°47	8°24	29°47	28°41	T 24
W25	20 31 53	6°40'42	21°17	13° 7	27°21	18°27	3° 3	8° 5	29°31	6°21	16°15	9°44	8°21	29°54	28°43	W25
T 26	20 35 49	7°38'20	6♓19	12°18	28°30	19° 5	3°15	8°13	29°30	6°20	16°16	9°40	8°18	0♌ 1	28°45	T 26
F 27	20 39 46	8°36'00	21° 1	11°28	29°39	19°44	3°28	8°20	29°29	6°18	16°16	9°36	8°15	0° 7	28°48	F 27
S 28	20 43 42	9°33'41	5♈18	10°36	0♋49	20°22	3°40	8°28	29°27	6°17	16°16	9°33	8°12	0°14	28°50	S 28
S 29	20 47 39	10°31'23	19° 7	9°45	1°58	21° 1	3°52	8°36	29°26	6°16	16°16	9°30	8° 8	0°21	28°52	S 29
M30	20 51 35	11°29'08	2♉28	8°56	3° 8	21°39	4° 4	8°43	29°25	6°15	16°16	9°28	8° 5	0°27	28°54	M30
T 31	20 55 32	12♌26'54	15♉23	8♌ 8	4♋17	22♋18	4♋16	8♌51	29♓23	6♑13	16♏17	9°D28	8♑ 2	0♌34	28♉56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n52	8n47	5n18	17n 0	0s42	17n49	2s35	24n20	0n48	23n27	0s 7	19n57	0n52	0s46	0s44	22s37	0n46	4s 0	13n22	23s12	23s13	19n18	17n36	2s10
M 2	22 45	13 49	5 9	16 34	0 54	18 4	2 33	24 20	0 48	23 27	0 6	19 55	0 52	0 46	0 45	22 37	0 46	4 0	13 22	23 12	23 13	19 15	17 37	2 10
T 3	22 39	18 5	4 45	16 8	1 6	18 19	2 31	24 19	0 49	23 27	0 6	19 53	0 52	0 46	0 45	22 37	0 46	4 0	13 21	23 12	23 13	19 13	17 38	2 10
W 4	22 32	21 26	4 8	15 42	1 19	18 34	2 29	24 18	0 49	23 27	0 6	19 52	0 53	0 47	0 45	22 37	0 46	4 1	13 21	23 12	23 14	19 11	17 38	2 10
T 5	22 25	23 44	3 20	15 17	1 31	18 48	2 27	24 17	0 50	23 28	0 6	19 50	0 53	0 47	0 45	22 37	0 46	4 1	13 20	23 12	23 14	19 9	17 39	2 11
F 6	22 17	24 52	2 23	14 53	1 44	19 2	2 24	24 16	0 50	23 28	0 6	19 48	0 53	0 47	0 45	22 37	0 46	4 1	13 20	23 12	23 14	19 7	17 39	2 11
S 7	22 9	24 50	1 21	14 30	1 57	19 16	2 22	24 14	0 51	23 28	0 6	19 46	0 53	0 47	0 45	22 37	0 46	4 2	13 19	23 12	23 14	19 5	17 40	2 11
S 8	22 1	23 39	0 16	14 8	2 10	19 29	2 19	24 13	0 51	23 28	0 6	19 44	0 53	0 47	0 45	22 37	0 46	4 2	13 19	23 12	23 15	19 3	17 40	2 11
M 9	21 52	21 25	0s49	13 47	2 23	19 42	2 17	24 11	0 52	23 28	0 6	19 43	0 53	0 47	0 45	22 37	0 46	4 2	13 18	23 12	23 15	19 1	17 41	2 11
T 10	21 43	18 18	1 52	13 27	2 36	19 54	2 14	24 9	0 52	23 28	0 6	19 41	0 53	0 48	0 45	22 38	0 46	4 3	13 18	23 12	23 15	18 58	17 41	2 12
W11	21 33	14 26	2 50	13 8	2 49	20 6	2 12	24 6	0 52	23 28	0 6	19 39	0 53	0 48	0 45	22 38	0 46	4 3	13 17	23 12	23 15	18 56	17 42	2 12
T 12	21 23	10 1	3 42	12 51	3 1	20 18	2 9	24 4	0 53	23 29	0 6	19 37	0 53	0 48	0 45	22 38	0 46	4 3	13 17	23 12	23 16	18 54	17 42	2 12
F 13	21 13	5 12	4 23	12 36	3 14	20 29	2 6	24 1	0 53	23 29	0 5	19 35	0 53	0 48	0 45	22 38	0 46	4 4	13 16	23 12	23 16	18 52	17 43	2 12
S 14	21 2	0 8	4 54	12 23	3 26	20 39	2 4	23 58	0 54	23 29	0 5	19 33	0 53	0 49	0 45	22 38	0 46	4 4	13 16	23 12	23 16	18 50	17 43	2 13
S 15	20 51	4s59	5 12	12 11	3 38	20 49	2 1	23 55	0 54	23 29	0 5	19 32	0 53	0 49	0 45	22 38	0 46	4 5	13 15	23 12	23 16	18 48	17 44	2 13
M16	20 40	10 1	5 15	12 2	3 49	20 59	1 58	23 52	0 55	23 29	0 5	19 30	0 53	0 49	0 45	22 38	0 46	4 5	13 15	23 13	23 16	18 45	17 44	2 13
T 17	20 28	14 45	5 3	11 54	4 0	21 8	1 55	23 49	0 55	23 29	0 5	19 28	0 53	0 50	0 45	22 38	0 46	4 6	13 14	23 13	23 17	18 43	17 44	2 13
W18	20 16	18 56	4 36	11 49	4 10	21 17	1 52	23 45	0 55	23 29	0 5	19 26	0 53	0 50	0 45	22 38	0 46	4 6	13 14	23 13	23 17	18 41	17 45	2 13
T 19	20 4	22 15	3 52	11 47	4 19	21 25	1 49	23 41	0 56	23 29	0 5	19 24	0 53	0 50	0 45	22 38	0 46	4 6	13 13	23 12	23 17	18 39	17 45	2 14
F 20	19 51	24 22	2 53	11 47	4 27	21 33	1 46	23 37	0 56	23 28	0 5	19 22	0 53	0 51	0 45	22 39	0 46	4 7	13 13	23 12	23 17	18 37	17 46	2 14
S 21	19 38	24 57	1 42	11 49	4 33	21 40	1 43	23 33	0 57	23 28	0 5	19 20	0 54	0 51	0 45	22 39	0 46	4 7	13 12	23 12	23 17	18 35	17 46	2 14
S 22	19 24	23 48	0 22	11 54	4 39	21 46	1 39	23 29	0 57	23 28	0 5	19 18	0 54	0 52	0 45	22 39	0 46	4 8	13 12	23 12	23 18	18 32	17 46	2 14
M23	19 11	20 56	1n 1	12 2	4 43	21 52	1 36	23 25	0 57	23 28	0 4	19 16	0 54	0 52	0 45	22 39	0 46	4 8	13 11	23 12	23 18	18 30	17 47	2 15
T 24	18 57	16 36	2 20	12 12	4 45	21 58	1 33	23 20	0 58	23 28	0 4	19 15	0 54	0 53	0 45	22 39	0 46	4 9	13 11	23 12	23 18	18 28	17 47	2 15
W25	18 42	11 11	3 29	12 24	4 46	22 3	1 30	23 15	0 58	23 28	0 4	19 13	0 54	0 53	0 45	22 39	0 46	4 9	13 10	23 13	23 18	18 26	17 47	2 15
T 26	18 28	5 11	4 22	12 39	4 44	22 7	1 27	23 10	0 59	23 28	0 4	19 11	0 54	0 54	0 45	22 39	0 46	4 10	13 10	23 13	23 18	18 24	17 47	2 15
F 27	18 13	0n58	4 57	12 56	4 41	22 11	1 23	23 5	0 59	23 27	0 4	19 9	0 54	0 54	0 45	22 39	0 46	4 10	13 9	23 13	23 19	18 21	17 48	2 15
S 28	17 57	6 53	5 13	13 14	4 36	22 14	1 20	23 0	0 59	23 27	0 4	19 7	0 54	0 55	0 45	22 39	0 46	4 11	13 9	23 13	23 19	18 19	17 48	2 16
S 29	17 42	12 17	5 9	13 34	4 29	22 17	1 17	22 54	1 0	23 27	0 4	19 5	0 54	0 55	0 45	22 39	0 46	4 12	13 8	23 14	23 19	18 17	17 48	2 16
M30	17 26	16 54	4 49	13 56	4 21	22 19	1 13	22 48	1 0	23 27	0 4	19 3	0 54	0 56	0 45	22 39	0 46	4 12	13 7	23 14	23 19	18 15	17 48	2 16
T 31	17n10	20n35	4n14	14n18	4s10	22n20	1s10	22n43	1n 1	23n26	0s 4	19n 1	0n54	0s56	0s45	22s39	0n46	4s13	13n 7	23s14	23s19	18n12	17n49	2s16

Julian Day Number = 2088315.5, Delta T = 23m56s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'44, Lahiri = 9°59'45 Julian Calendar 1 July 1005 == Greg. Calendar 7 July 1005

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1005
geocentric

AUGUST 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 59 29	13♌24'42	27♉56	7°R24	5♋27	22♋56	4♋28	8♌59	29°R22	6°R12	16♏17	9♑29	7♑59	0♌41	28♉58	W 1
T 2	21 3 25	14°22'31	10♊11	6♌45	6°37	23°35	4°40	9° 6	29♓20	6♑11	16°17	9°30	7°56	0°47	29° 0	T 2
F 3	21 7 22	15°20'23	22°13	6°10	7°47	24°13	4°52	9°14	29°19	6°10	16°18	9°32	7°52	0°54	29° 2	F 3
S 4	21 11 18	16°18'16	4♋ 6	5°41	8°57	24°51	5° 3	9°22	29°17	6° 9	16°18	9°R33	7°49	1° 1	29° 4	S 4
S 5	21 15 15	17°16'11	15°54	5°19	10° 7	25°30	5°15	9°29	29°16	6° 8	16°19	9°33	7°46	1° 7	29° 6	S 5
M 6	21 19 11	18°14'08	27°41	5° 5	11°17	26° 8	5°27	9°37	29°14	6° 6	16°19	9°31	7°43	1°14	29° 7	M 6
T 7	21 23 8	19°12'06	9♌29	4°D58	12°28	26°46	5°38	9°44	29°12	6° 5	16°20	9°28	7°40	1°21	29° 9	T 7
W 8	21 27 5	20°10'06	21°21	4°58	13°38	27°24	5°50	9°52	29°11	6° 4	16°20	9°22	7°37	1°27	29°10	W 8
T 9	21 31 1	21° 8'07	3♍19	5° 7	14°49	28° 3	6° 1	10° 0	29° 9	6° 3	16°21	9°15	7°33	1°34	29°12	T 9
F 10	21 34 58	22° 6'11	15°25	5°25	16° 0	28°41	6°12	10° 7	29° 7	6° 2	16°21	9° 7	7°30	1°41	29°13	F 10
S 11	21 38 54	23° 4'15	27°39	5°50	17°11	29°19	6°24	10°15	29° 5	6° 1	16°22	8°59	7°27	1°47	29°15	S 11
S 12	21 42 51	24° 2'21	10♎ 4	6°24	18°21	29°57	6°35	10°22	29° 4	6° 0	16°23	8°52	7°24	1°54	29°16	S 12
M13	21 46 47	25° 0'29	22°41	7° 6	19°32	0♌35	6°46	10°30	29° 2	5°59	16°23	8°46	7°21	2° 1	29°17	M13
T 14	21 50 44	25°58'39	5♏32	7°56	20°43	1°13	6°57	10°37	29° 0	5°58	16°24	8°42	7°17	2° 7	29°19	T 14
W15	21 54 40	26°56'49	18°40	8°53	21°55	1°51	7° 8	10°45	28°58	5°58	16°25	8°40	7°14	2°14	29°20	W15
T 16	21 58 37	27°55'02	2♐ 7	9°57	23° 6	2°29	7°18	10°52	28°56	5°57	16°26	8°D40	7°11	2°21	29°21	T 16
F 17	22 2 33	28°53'16	15°56	11° 8	24°17	3° 7	7°29	11° 0	28°54	5°56	16°26	8°41	7° 8	2°27	29°22	F 17
S 18	22 6 30	29°51'31	0♑ 6	12°25	25°29	3°45	7°40	11° 7	28°52	5°55	16°27	8°42	7° 5	2°34	29°23	S 18
S 19	22 10 27	0♍49'48	14°37	13°47	26°40	4°23	7°50	11°14	28°50	5°54	16°28	8°R42	7° 2	2°41	29°23	S 19
M20	22 14 23	1°48'07	29°27	15°15	27°52	5° 1	8° 1	11°22	28°48	5°54	16°29	8°40	6°58	2°47	29°24	M20
T 21	22 18 20	2°46'27	14♒28	16°48	29° 3	5°39	8°11	11°29	28°46	5°53	16°30	8°36	6°55	2°54	29°25	T 21
W22	22 22 16	3°44'49	29°34	18°24	0♌15	6°17	8°21	11°36	28°44	5°52	16°31	8°30	6°52	3° 1	29°26	W22
T 23	22 26 13	4°43'13	14♓34	20° 4	1°27	6°55	8°31	11°44	28°41	5°52	16°32	8°22	6°49	3° 7	29°26	T 23
F 24	22 30 9	5°41'39	29°19	21°47	2°39	7°32	8°41	11°51	28°39	5°51	16°33	8°13	6°46	3°14	29°27	F 24
S 25	22 34 6	6°40'06	13♈41	23°32	3°51	8°10	8°51	11°58	28°37	5°50	16°34	8° 4	6°43	3°21	29°27	S 25
S 26	22 38 2	7°38'36	27°36	25°19	5° 3	8°48	9° 1	12° 5	28°35	5°50	16°36	7°57	6°39	3°27	29°28	S 26
M27	22 41 59	8°37'08	11♉ 3	27° 8	6°15	9°26	9°11	12°12	28°33	5°49	16°37	7°51	6°36	3°34	29°28	M27
T 28	22 45 56	9°35'43	24° 1	28°58	7°28	10° 3	9°20	12°19	28°30	5°49	16°38	7°48	6°33	3°40	29°28	T 28
W29	22 49 52	10°34'19	6♊36	0♍49	8°40	10°41	9°30	12°27	28°28	5°48	16°39	7°D47	6°30	3°47	29°28	W29
T 30	22 53 49	11°32'58	18°50	2°41	9°52	11°19	9°39	12°34	28°26	5°48	16°40	7°47	6°27	3°54	29°28	T 30
F 31	22 57 45	12♍31'40	0♋51	4♍33	11♌ 5	11♌56	9♋49	12♌41	28♓24	5♑47	16♏42	7♑48	6♑23	4♌ 0	29°R28	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n53	23n11	3n28	14n41	3s58	22n21	1s 6	22n37	1n 1	23n26	0s 4	18n59	0n54	0s57	0s45	22s40	0n46	4s13	13n 6	23s14	23s20	18n10	17n49	2s17
T 2	16 36	24 38	2 34	15 4	3 45	22 21	1 3	22 30	1 1	23 26	0 3	18 57	0 55	0 58	0 45	22 40	0 46	4 14	13 6	23 14	23 20	18 8	17 49	2 17
F 3	16 19	24 53	1 33	15 26	3 30	22 21	1 0	22 24	1 2	23 25	0 3	18 55	0 55	0 58	0 45	22 40	0 46	4 14	13 5	23 13	23 20	18 6	17 49	2 17
S 4	16 2	24 0	0 30	15 49	3 14	22 20	0 56	22 18	1 2	23 25	0 3	18 53	0 55	0 59	0 46	22 40	0 46	4 15	13 5	23 13	23 20	18 4	17 49	2 17
S 5	15 45	22 3	0s35	16 10	2 57	22 18	0 53	22 11	1 3	23 25	0 3	18 51	0 55	0 59	0 46	22 40	0 46	4 16	13 4	23 13	23 20	18 1	17 49	2 18
M 6	15 27	19 9	1 37	16 31	2 40	22 16	0 49	22 4	1 3	23 24	0 3	18 49	0 55	1 0	0 46	22 40	0 46	4 16	13 4	23 13	23 21	17 59	17 50	2 18
T 7	15 9	15 29	2 36	16 50	2 22	22 13	0 46	21 57	1 3	23 24	0 3	18 47	0 55	1 1	0 46	22 40	0 46	4 17	13 3	23 14	23 21	17 57	17 50	2 18
W 8	14 50	11 11	3 27	17 7	2 4	22 10	0 43	21 50	1 4	23 23	0 3	18 45	0 55	1 2	0 46	22 40	0 46	4 18	13 3	23 14	23 21	17 55	17 50	2 18
T 9	14 32	6 27	4 10	17 23	1 46	22 6	0 39	21 43	1 4	23 23	0 3	18 43	0 55	1 2	0 46	22 40	0 46	4 18	13 2	23 15	23 21	17 52	17 50	2 19
F 10	14 13	1 26	4 43	17 36	1 27	22 1	0 36	21 35	1 4	23 23	0 3	18 41	0 55	1 3	0 46	22 40	0 46	4 19	13 2	23 15	23 21	17 50	17 50	2 19
S 11	13 54	3s41	5 2	17 47	1 10	21 55	0 32	21 28	1 5	23 22	0 3	18 39	0 55	1 4	0 46	22 40	0 46	4 20	13 1	23 16	23 21	17 48	17 50	2 19
S 12	13 35	8 43	5 8	17 56	0 52	21 49	0 29	21 20	1 5	23 22	0 2	18 38	0 55	1 4	0 46	22 40	0 45	4 20	13 1	23 16	23 22	17 46	17 50	2 19
M13	13 15	13 29	4 59	18 2	0 35	21 43	0 26	21 12	1 6	23 21	0 2	18 36	0 56	1 5	0 46	22 41	0 45	4 21	13 0	23 17	23 22	17 43	17 50	2 20
T 14	12 56	17 46	4 35	18 5	0 19	21 36	0 22	21 4	1 6	23 21	0 2	18 34	0 56	1 6	0 46	22 41	0 45	4 22	13 0	23 17	23 22	17 41	17 50	2 20
W15	12 36	21 16	3 57	18 5	0 4	21 28	0 19	20 56	1 6	23 20	0 2	18 32	0 56	1 7	0 46	22 41	0 45	4 22	12 59	23 17	23 22	17 39	17 50	2 20
T 16	12 16	23 42	3 4	18 2	0n11	21 19	0 16	20 48	1 7	23 20	0 2	18 30	0 56	1 8	0 46	22 41	0 45	4 23	12 59	23 17	23 22	17 36	17 50	2 20
F 17	11 55	24 48	2 0	17 55	0 25	21 10	0 12	20 39	1 7	23 19	0 2	18 28	0 56	1 8	0 46	22 41	0 45	4 24	12 58	23 17	23 23	17 34	17 50	2 21
S 18	11 35	24 20	0 46	17 46	0 37	21 1	0 9	20 31	1 7	23 19	0 2	18 26	0 56	1 9	0 46	22 41	0 45	4 24	12 58	23 17	23 23	17 32	17 50	2 21
S 19	11 14	22 14	0n32	17 34	0 49	20 51	0 6	20 22	1 8	23 18	0 2	18 24	0 56	1 10	0 46	22 41	0 45	4 25	12 57	23 17	23 23	17 30	17 50	2 21
M20	10 53	18 36	1 49	17 18	1 0	20 40	0 2	20 13	1 8	23 18	0 2	18 22	0 56	1 11	0 46	22 41	0 45	4 26	12 57	23 17	23 23	17 27	17 50	2 21
T 21	10 32	13 43	3 0	16 59	1 9	20 28	0n 1	20 4	1 8	23 17	0 2	18 20	0 56	1 12	0 46	22 41	0 45	4 27	12 56	23 17	23 23	17 25	17 50	2 22
W22	10 11	7 58	3 58	16 37	1 18	20 16	0 4	19 55	1 9	23 17	0 1	18 18	0 57	1 13	0 46	22 41	0 45	4 27	12 56	23 18	23 23	17 23	17 50	2 22
T 23	9 50	1 49	4 40	16 13	1 25	20 4	0 7	19 46	1 9	23 16	0 1	18 16	0 57	1 13	0 46	22 41	0 45	4 28	12 55	23 18	23 24	17 21	17 49	2 22
F 24	9 28	4n20	5 2	15 46	1 31	19 50	0 10	19 36	1 9	23 16	0 1	18 14	0 57	1 14	0 46	22 41	0 45	4 29	12 55	23 19	23 24	17 18	17 49	2 22
S 25	9 7	10 5	5 4	15 16	1 37	19 37	0 13	19 27	1 10	23 15	0 1	18 12	0 57	1 15	0 46	22 41	0 45	4 30	12 54	23 19	23 24	17 16	17 49	2 23
S 26	8 45	15 9	4 48	14 44	1 41	19 22	0 16	19 17	1 10	23 15	0 1	18 10	0 57	1 16	0 46	22 41	0 45	4 30	12 54	23 20	23 24	17 14	17 49	2 23
M27	8 23	19 16	4 16	14 10	1 45	19 7	0 19	19 7	1 11	23 14	0 1	18 9	0 57	1 17	0 46	22 41	0 45	4 31	12 53	23 20	23 24	17 11	17 49	2 23
T 28	8 1	22 18	3 32	13 34	1 47	18 52	0 22	18 57	1 11	23 13	0 1	18 7	0 57	1 18	0 46	22 41	0 45	4 32	12 53	23 20	23 24	17 9	17 49	2 24
W29	7 39	24 8	2 39	12 56	1 49	18 36	0 25	18 47	1 11	23 13	0 1	18 5	0 57	1 19	0 46	22 42	0 45	4 33	12 52	23 20	23 24	17 7	17 48	2 24
T 30	7 16	24 45	1 40	12 17	1 50	18 19	0 28	18 37	1 12	23 12	0 1	18 3	0 58	1 20	0 46	22 42	0 45	4 34	12 52	23 20	23 25	17 4	17 48	2 24
F 31	6n54	24n11	0n37	11n36	1n50	18n 2	0n31	18n27	1n12	23n12	0s 1	18n 1	0n58	1s21	0s46	22s42	0n45	4s34	12n51	23s20	23s25	17n 2	17n48	2s24

Julian Day Number = 2088346.5, Delta T = 23m56s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'49, Lahiri = 9°59'49 Julian Calendar 1 Aug. 1005 == Greg. Calendar 7 Aug. 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

SEPTEMBER 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 1 42	13♍30'23	12♋42	6♍24	12♌18	12♌34	9♋58	12♌48	28°R21	5°R47	16♏43	7°R48	6♑20	4♌ 7	29°R28	S 1
S 2	23 5 38	14°29'09	24°29	8°16	13°30	13°12	10° 7	12°55	28♓19	5♑47	16°44	7♑46	6°17	4°14	29♉28	S 2
M 3	23 9 35	15°27'57	6♌17	10° 7	14°43	13°49	10°16	13° 1	28°17	5°46	16°46	7°42	6°14	4°20	29°28	M 3
T 4	23 13 31	16°26'47	18° 8	11°58	15°56	14°27	10°25	13° 8	28°14	5°46	16°47	7°36	6°11	4°27	29°28	T 4
W 5	23 17 28	17°25'39	0♍ 7	13°48	17° 9	15° 4	10°33	13°15	28°12	5°46	16°48	7°27	6° 8	4°34	29°28	W 5
T 6	23 21 25	18°24'33	12°16	15°38	18°22	15°42	10°42	13°22	28° 9	5°46	16°50	7°16	6° 4	4°40	29°27	T 6
F 7	23 25 21	19°23'30	24°34	17°27	19°35	16°19	10°50	13°29	28° 7	5°45	16°51	7° 3	6° 1	4°47	29°27	F 7
S 8	23 29 18	20°22'28	7♎ 3	19°15	20°48	16°57	10°59	13°35	28° 5	5°45	16°53	6°50	5°58	4°54	29°26	S 8
S 9	23 33 14	21°21'28	19°44	21° 3	22° 1	17°34	11° 7	13°42	28° 2	5°45	16°54	6°38	5°55	5° 0	29°26	S 9
M10	23 37 11	22°20'31	2♏36	22°50	23°14	18°12	11°15	13°48	28° 0	5°45	16°56	6°27	5°52	5° 7	29°25	M10
T 11	23 41 7	23°19'35	15°39	24°35	24°27	18°49	11°23	13°55	27°57	5°45	16°58	6°20	5°49	5°14	29°24	T 11
W12	23 45 4	24°18'41	28°55	26°20	25°41	19°26	11°31	14° 1	27°55	5°D45	16°59	6°15	5°45	5°20	29°23	W12
T 13	23 49 0	25°17'49	12♐24	28° 5	26°54	20° 4	11°38	14° 8	27°53	5°45	17° 1	6°13	5°42	5°27	29°23	T 13
F 14	23 52 57	26°16'59	26° 7	29°48	28° 8	20°41	11°46	14°14	27°50	5°45	17° 3	6°D13	5°39	5°34	29°22	F 14
S 15	23 56 54	27°16'11	10♑ 6	1♎30	29°21	21°18	11°53	14°21	27°48	5°45	17° 4	6°R13	5°36	5°40	29°21	S 15
S 16	0 0 50	28°15'24	24°21	3°12	0♍35	21°55	12° 1	14°27	27°45	5°45	17° 6	6°12	5°33	5°47	29°20	S 16
M17	0 4 47	29°14'40	8♒50	4°53	1°48	22°33	12° 8	14°33	27°43	5°45	17° 8	6° 9	5°29	5°54	29°19	M17
T 18	0 8 43	0♎13'56	23°29	6°33	3° 2	23°10	12°15	14°39	27°40	5°46	17° 9	6° 3	5°26	6° 0	29°17	T 18
W19	0 12 40	1°13'15	8♓14	8°12	4°16	23°47	12°21	14°45	27°38	5°46	17°11	5°55	5°23	6° 7	29°16	W19
T 20	0 16 36	2°12'36	22°57	9°51	5°30	24°24	12°28	14°51	27°36	5°46	17°13	5°44	5°20	6°14	29°15	T 20
F 21	0 20 33	3°11'59	7♈29	11°29	6°44	25° 1	12°35	14°57	27°33	5°46	17°15	5°33	5°17	6°20	29°13	F 21
S 22	0 24 29	4°11'24	21°45	13° 6	7°58	25°38	12°41	15° 3	27°31	5°47	17°17	5°21	5°14	6°27	29°12	S 22
S 23	0 28 26	5°10'51	5♉37	14°42	9°12	26°15	12°47	15° 9	27°28	5°47	17°19	5°10	5°10	6°34	29°11	S 23
M24	0 32 22	6°10'20	19° 3	16°18	10°26	26°52	12°53	15°15	27°26	5°47	17°20	5° 2	5° 7	6°40	29° 9	M24
T 25	0 36 19	7° 9'52	2♊ 4	17°53	11°40	27°30	12°59	15°20	27°24	5°48	17°22	4°56	5° 4	6°47	29° 7	T 25
W26	0 40 16	8° 9'26	14°41	19°27	12°54	28° 7	13° 5	15°26	27°21	5°48	17°24	4°53	5° 1	6°54	29° 6	W26
T 27	0 44 12	9° 9'02	26°57	21° 1	14° 8	28°43	13°10	15°32	27°19	5°49	17°26	4°52	4°58	7° 0	29° 4	T 27
F 28	0 48 9	10° 8'41	8♋59	22°34	15°22	29°20	13°16	15°37	27°16	5°49	17°28	4°52	4°54	7° 7	29° 2	F 28
S 29	0 52 5	11° 8'22	20°51	24° 6	16°37	29°57	13°21	15°43	27°14	5°50	17°30	4°52	4°51	7°14	29° 0	S 29
S 30	0 56 2	12♎ 8'05	2♌39	25♎38	17♍51	0♍34	13♋26	15♌48	27♓12	5♑50	17♏32	4♑50	4♑48	7♌20	28♉58	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n31	22n31	0s26	10n54	1n50	17n45	0n34	18n17	1n12	23n11	0s 0	17n59	0n58	1s22	0s46	22s42	0n45	4s35	12n51	23s20	23s25	17n 0	17n48	2s25
S 2	6 8	19 54	1 28	10 11	1 48	17 26	0 36	18 6	1 13	23 11	0 0	17 57	0 58	1 23	0 46	22 42	0 45	4 36	12 51	23 20	23 25	16 57	17 47	2 25
M 3	5 46	16 27	2 26	9 27	1 47	17 8	0 39	17 56	1 13	23 10	0 0	17 55	0 58	1 23	0 46	22 42	0 45	4 37	12 50	23 21	23 25	16 55	17 47	2 25
T 4	5 23	12 21	3 17	8 43	1 44	16 49	0 42	17 45	1 13	23 9	0 0	17 54	0 58	1 24	0 46	22 42	0 45	4 38	12 50	23 21	23 25	16 53	17 47	2 25
W 5	5 0	7 44	4 1	7 58	1 42	16 29	0 44	17 34	1 14	23 9	0n 0	17 52	0 58	1 25	0 46	22 42	0 45	4 38	12 49	23 21	23 26	16 50	17 46	2 26
T 6	4 36	2 47	4 33	7 12	1 38	16 9	0 47	17 23	1 14	23 8	0 0	17 50	0 58	1 26	0 46	22 42	0 45	4 39	12 49	23 22	23 26	16 48	17 46	2 26
F 7	4 13	2s20	4 54	6 26	1 35	15 48	0 49	17 13	1 14	23 8	0 0	17 48	0 59	1 27	0 46	22 42	0 45	4 40	12 48	23 23	23 26	16 46	17 46	2 26
S 8	3 50	7 25	5 1	5 40	1 30	15 27	0 52	17 1	1 15	23 7	0 0	17 46	0 59	1 28	0 46	22 42	0 45	4 41	12 48	23 23	23 26	16 43	17 45	2 26
S 9	3 27	12 17	4 53	4 53	1 26	15 6	0 54	16 50	1 15	23 7	0 0	17 45	0 59	1 29	0 46	22 42	0 45	4 42	12 47	23 24	23 26	16 41	17 45	2 27
M10	3 3	16 40	4 31	4 6	1 21	14 44	0 56	16 39	1 15	23 6	0 1	17 43	0 59	1 30	0 46	22 42	0 45	4 42	12 47	23 25	23 26	16 39	17 45	2 27
T 11	2 40	20 20	3 54	3 20	1 16	14 22	0 59	16 28	1 15	23 5	0 1	17 41	0 59	1 31	0 46	22 42	0 44	4 43	12 47	23 25	23 26	16 36	17 44	2 27
W12	2 16	23 1	3 4	2 33	1 11	13 59	1 1	16 16	1 16	23 5	0 1	17 39	0 59	1 32	0 46	22 42	0 44	4 44	12 46	23 25	23 27	16 34	17 44	2 27
T 13	1 53	24 26	2 3	1 46	1 5	13 36	1 3	16 5	1 16	23 4	0 1	17 37	0 59	1 33	0 46	22 42	0 44	4 45	12 46	23 25	23 27	16 32	17 43	2 28
F 14	1 29	24 24	0 53	0 59	1 0	13 12	1 5	15 53	1 16	23 4	0 1	17 36	1 0	1 34	0 46	22 42	0 44	4 46	12 45	23 25	23 27	16 29	17 43	2 28
S 15	1 5	22 50	0n21	0 13	0 54	12 48	1 7	15 41	1 17	23 3	0 1	17 34	1 0	1 35	0 46	22 42	0 44	4 47	12 45	23 25	23 27	16 27	17 42	2 28
S 16	0 42	19 49	1 34	0s33	0 48	12 24	1 9	15 29	1 17	23 3	0 1	17 32	1 0	1 36	0 46	22 42	0 44	4 47	12 45	23 25	23 27	16 25	17 42	2 28
M17	0 18	15 31	2 43	1 19	0 41	11 59	1 11	15 17	1 17	23 2	0 1	17 31	1 0	1 37	0 46	22 42	0 44	4 48	12 44	23 25	23 27	16 22	17 41	2 29
T 18	0s 6	10 16	3 42	2 5	0 35	11 34	1 13	15 6	1 18	23 2	0 2	17 29	1 0	1 38	0 46	22 42	0 44	4 49	12 44	23 26	23 27	16 20	17 41	2 29
W19	0 29	4 24	4 26	2 50	0 28	11 9	1 14	14 53	1 18	23 1	0 2	17 27	1 0	1 39	0 46	22 42	0 44	4 50	12 43	23 26	23 27	16 17	17 40	2 29
T 20	0 53	1n40	4 53	3 35	0 22	10 43	1 16	14 41	1 18	23 1	0 2	17 26	1 0	1 40	0 46	22 42	0 44	4 51	12 43	23 27	23 28	16 15	17 40	2 30
F 21	1 17	7 35	5 0	4 20	0 15	10 17	1 17	14 29	1 19	23 0	0 2	17 24	1 1	1 41	0 46	22 42	0 44	4 52	12 43	23 27	23 28	16 13	17 39	2 30
S 22	1 40	12 58	4 48	5 4	0 8	9 51	1 19	14 17	1 19	23 0	0 2	17 23	1 1	1 42	0 46	22 42	0 44	4 52	12 42	23 28	23 28	16 10	17 39	2 30
S 23	2 4	17 32	4 20	5 48	0 1	9 24	1 20	14 4	1 19	22 59	0 2	17 21	1 1	1 43	0 46	22 42	0 44	4 53	12 42	23 28	23 28	16 8	17 38	2 30
M24	2 28	21 3	3 37	6 32	0s 5	8 58	1 22	13 52	1 20	22 59	0 2	17 19	1 1	1 44	0 46	22 42	0 44	4 54	12 42	23 28	23 28	16 6	17 38	2 30
T 25	2 51	23 22	2 44	7 14	0 12	8 30	1 23	13 39	1 20	22 58	0 2	17 18	1 1	1 45	0 46	22 43	0 44	4 55	12 41	23 29	23 28	16 3	17 37	2 31
W26	3 15	24 25	1 45	7 57	0 19	8 3	1 24	13 27	1 20	22 58	0 3	17 16	1 1	1 46	0 46	22 43	0 44	4 56	12 41	23 29	23 28	16 1	17 36	2 31
T 27	3 39	24 14	0 42	8 39	0 26	7 35	1 25	13 14	1 20	22 57	0 3	17 15	1 2	1 47	0 46	22 43	0 44	4 57	12 41	23 29	23 28	15 58	17 36	2 31
F 28	4 2	22 54	0s22	9 20	0 33	7 8	1 27	13 1	1 21	22 57	0 3	17 13	1 2	1 47	0 46	22 43	0 44	4 58	12 40	23 29	23 29	15 56	17 35	2 31
S 29	4 26	20 34	1 24	10 1	0 40	6 39	1 28	12 49	1 21	22 57	0 3	17 12	1 2	1 48	0 46	22 43	0 44	4 58	12 40	23 29	23 29	15 54	17 35	2 32
S 30	4s49	17n22	2s22	10s41	0s47	6n11	1n29	12n36	1n21	22n56	0n 3	17n10	1n 2	1s49	0s46	22s43	0n44	4s59	12n40	23s29	23s29	15n51	17n34	2s32

Julian Day Number = 2088377.5, Delta T = 23m56s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'53, Lahiri = 9°59'53 Julian Calendar 1 Sept. 1005 == Greg. Calendar 7 Sept. 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

OCTOBER 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 59 58	13♎ 7'50	14♌29	27♎ 9	19♍ 5	1♍11	13♋31	15♌53	27°R 9	5♑51	17♏34	4°R47	4♑45	7♌27	28°R56	M 1
T 2	1 3 55	14° 7'38	26°24	28°40	20°20	1°48	13°36	15°58	27♓ 7	5°52	17°36	4♑40	4°42	7°34	28♉54	T 2
W 3	1 7 51	15° 7'28	8♍29	0♏10	21°34	2°25	13°40	16° 4	27° 5	5°52	17°38	4°31	4°39	7°40	28°52	W 3
T 4	1 11 48	16° 7'20	20°47	1°39	22°49	3° 2	13°45	16° 9	27° 3	5°53	17°41	4°20	4°35	7°47	28°50	T 4
F 5	1 15 45	17° 7'14	3♎19	3° 8	24° 3	3°38	13°49	16°14	27° 0	5°54	17°43	4° 7	4°32	7°54	28°48	F 5
S 6	1 19 41	18° 7'10	16° 6	4°36	25°18	4°15	13°53	16°19	26°58	5°54	17°45	3°53	4°29	8° 0	28°46	S 6
S 7	1 23 38	19° 7'08	29° 7	6° 4	26°33	4°52	13°57	16°23	26°56	5°55	17°47	3°41	4°26	8° 7	28°43	S 7
M 8	1 27 34	20° 7'08	12♏21	7°31	27°47	5°28	14° 0	16°28	26°54	5°56	17°49	3°30	4°23	8°14	28°41	M 8
T 9	1 31 31	21° 7'10	25°46	8°57	29° 2	6° 5	14° 4	16°33	26°52	5°57	17°51	3°22	4°20	8°20	28°38	T 9
W10	1 35 27	22° 7'14	9♐20	10°23	0♎17	6°42	14° 7	16°37	26°49	5°58	17°53	3°17	4°16	8°27	28°36	W10
T 11	1 39 24	23° 7'20	23° 3	11°48	1°31	7°18	14°10	16°42	26°47	5°59	17°56	3°15	4°13	8°34	28°33	T 11
F 12	1 43 20	24° 7'27	6♑54	13°12	2°46	7°55	14°13	16°46	26°45	6° 0	17°58	3°D15	4°10	8°40	28°31	F 12
S 13	1 47 17	25° 7'36	20°52	14°35	4° 1	8°31	14°16	16°51	26°43	6° 1	18° 0	3°R15	4° 7	8°47	28°28	S 13
S 14	1 51 14	26° 7'46	4♒58	15°58	5°16	9° 8	14°19	16°55	26°41	6° 2	18° 2	3°15	4° 4	8°54	28°26	S 14
M15	1 55 10	27° 7'58	19°10	17°19	6°31	9°44	14°21	16°59	26°39	6° 3	18° 5	3°13	4° 0	9° 0	28°23	M15
T 16	1 59 7	28° 8'11	3♓27	18°40	7°46	10°20	14°23	17° 3	26°37	6° 4	18° 7	3° 9	3°57	9° 7	28°20	T 16
W17	2 3 3	29° 8'26	17°46	19°59	9° 1	10°57	14°25	17° 7	26°35	6° 5	18° 9	3° 2	3°54	9°14	28°17	W17
T 18	2 7 0	0♏ 8'42	2♈ 1	21°18	10°16	11°33	14°27	17°11	26°33	6° 6	18°11	2°53	3°51	9°20	28°14	T 18
F 19	2 10 56	1° 9'00	16° 9	22°35	11°31	12° 9	14°28	17°15	26°31	6° 7	18°14	2°42	3°48	9°27	28°12	F 19
S 20	2 14 53	2° 9'20	0♉ 3	23°50	12°46	12°46	14°30	17°18	26°30	6° 9	18°16	2°32	3°45	9°34	28° 9	S 20
S 21	2 18 49	3° 9'41	13°40	25° 4	14° 1	13°22	14°31	17°22	26°28	6°10	18°18	2°23	3°41	9°40	28° 6	S 21
M22	2 22 46	4°10'05	26°57	26°15	15°16	13°58	14°32	17°25	26°26	6°11	18°21	2°15	3°38	9°47	28° 3	M22
T 23	2 26 43	5°10'30	9♊52	27°25	16°31	14°34	14°33	17°29	26°24	6°13	18°23	2°10	3°35	9°54	28° 0	T 23
W24	2 30 39	6°10'57	22°27	28°33	17°46	15°10	14°34	17°32	26°22	6°14	18°25	2° 8	3°32	10° 0	27°57	W24
T 25	2 34 36	7°11'26	4♋44	29°37	19° 1	15°46	14°34	17°35	26°21	6°15	18°28	2°D 7	3°29	10° 7	27°54	T 25
F 26	2 38 32	8°11'56	16°47	0♐39	20°16	16°23	14°34	17°39	26°19	6°17	18°30	2° 8	3°26	10°14	27°51	F 26
S 27	2 42 29	9°12'29	28°41	1°38	21°32	16°59	14°R34	17°42	26°18	6°18	18°32	2° 9	3°22	10°21	27°47	S 27
S 28	2 46 25	10°13'03	10♌30	2°32	22°47	17°35	14°34	17°45	26°16	6°19	18°35	2°R10	3°19	10°27	27°44	S 28
M29	2 50 22	11°13'39	22°21	3°23	24° 2	18°11	14°34	17°47	26°15	6°21	18°37	2° 9	3°16	10°34	27°41	M29
T 30	2 54 18	12°14'17	4♍17	4° 8	25°17	18°46	14°33	17°50	26°13	6°22	18°39	2° 6	3°13	10°41	27°38	T 30
W31	2 58 15	13♏14'56	16♍25	4♐48	26♎33	19♍22	14♋32	17♌53	26♓12	6♑24	18♏42	2♑ 1	3♑10	10♌47	27♉35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s13	13n29	3s13	11s21	0s53	5n43	1n29	12n23	1n22	22n56	0n 3	17n 9	1n 2	1s50	0s46	22s43	0n44	5s 0	12n39	23s29	23s29	15n49	17n33	2s32
T 2	5 36	9 4	3 57	12 0	1 0	5 14	1 30	12 10	1 22	22 55	0 3	17 8	1 2	1 51	0 46	22 43	0 44	5 1	12 39	23 29	23 29	15 46	17 33	2 32
W 3	5 59	4 15	4 31	12 38	1 7	4 45	1 31	11 57	1 22	22 55	0 3	17 6	1 3	1 52	0 46	22 43	0 44	5 2	12 39	23 29	23 29	15 44	17 32	2 33
T 4	6 22	0s49	4 53	13 15	1 13	4 16	1 32	11 44	1 22	22 55	0 4	17 5	1 3	1 53	0 46	22 43	0 44	5 3	12 38	23 30	23 29	15 42	17 31	2 33
F 5	6 46	5 55	5 1	13 52	1 20	3 47	1 32	11 31	1 23	22 55	0 4	17 4	1 3	1 54	0 46	22 43	0 44	5 3	12 38	23 30	23 29	15 39	17 31	2 33
S 6	7 9	10 53	4 54	14 28	1 26	3 18	1 33	11 17	1 23	22 54	0 4	17 2	1 3	1 55	0 46	22 43	0 44	5 4	12 38	23 31	23 30	15 37	17 30	2 33
S 7	7 32	15 27	4 32	15 4	1 32	2 48	1 33	11 4	1 23	22 54	0 4	17 1	1 3	1 56	0 46	22 43	0 44	5 5	12 38	23 31	23 30	15 34	17 29	2 34
M 8	7 54	19 21	3 55	15 38	1 38	2 19	1 33	10 51	1 24	22 54	0 4	17 0	1 4	1 56	0 46	22 43	0 44	5 6	12 37	23 31	23 30	15 32	17 28	2 34
T 9	8 17	22 18	3 5	16 12	1 44	1 49	1 34	10 38	1 24	22 53	0 4	16 58	1 4	1 57	0 46	22 43	0 43	5 7	12 37	23 32	23 30	15 30	17 28	2 34
W10	8 40	24 0	2 3	16 45	1 50	1 19	1 34	10 24	1 24	22 53	0 4	16 57	1 4	1 58	0 46	22 43	0 43	5 8	12 37	23 32	23 30	15 27	17 27	2 34
T 11	9 2	24 17	0 54	17 17	1 55	0 50	1 34	10 11	1 24	22 53	0 5	16 56	1 4	1 59	0 46	22 43	0 43	5 8	12 36	23 32	23 30	15 25	17 26	2 34
F 12	9 24	23 4	0n19	17 48	2 1	0 20	1 34	9 57	1 25	22 53	0 5	16 55	1 4	2 0	0 46	22 43	0 43	5 9	12 36	23 32	23 30	15 22	17 25	2 35
S 13	9 47	20 25	1 32	18 18	2 6	0s10	1 34	9 44	1 25	22 53	0 5	16 54	1 4	2 0	0 46	22 43	0 43	5 10	12 36	23 32	23 30	15 20	17 25	2 35
S 14	10 9	16 32	2 40	18 47	2 11	0 40	1 34	9 30	1 25	22 53	0 5	16 53	1 5	2 1	0 46	22 43	0 43	5 11	12 36	23 32	23 30	15 17	17 24	2 35
M15	10 30	11 41	3 39	19 15	2 15	1 10	1 34	9 17	1 26	22 53	0 5	16 52	1 5	2 2	0 46	22 43	0 43	5 12	12 36	23 32	23 30	15 15	17 23	2 35
T 16	10 52	6 11	4 24	19 42	2 19	1 40	1 34	9 3	1 26	22 52	0 5	16 50	1 5	2 3	0 46	22 42	0 43	5 12	12 35	23 32	23 31	15 13	17 22	2 35
W17	11 14	0 22	4 53	20 8	2 23	2 10	1 33	8 50	1 26	22 52	0 5	16 49	1 5	2 4	0 46	22 42	0 43	5 13	12 35	23 32	23 31	15 10	17 21	2 36
T 18	11 35	5n27	5 3	20 33	2 27	2 40	1 33	8 36	1 26	22 52	0 5	16 48	1 5	2 4	0 45	22 42	0 43	5 14	12 35	23 32	23 31	15 8	17 21	2 36
F 19	11 56	10 55	4 55	20 56	2 30	3 9	1 33	8 22	1 27	22 52	0 6	16 47	1 6	2 5	0 45	22 42	0 43	5 15	12 35	23 32	23 31	15 5	17 20	2 36
S 20	12 17	15 45	4 30	21 18	2 33	3 39	1 32	8 8	1 27	22 52	0 6	16 46	1 6	2 6	0 45	22 42	0 43	5 16	12 35	23 33	23 31	15 3	17 19	2 36
S 21	12 38	19 40	3 49	21 39	2 36	4 9	1 31	7 55	1 27	22 52	0 6	16 46	1 6	2 6	0 45	22 42	0 43	5 16	12 34	23 33	23 31	15 0	17 18	2 36
M22	12 59	22 27	2 57	21 58	2 38	4 39	1 31	7 41	1 27	22 52	0 6	16 45	1 6	2 7	0 45	22 42	0 43	5 17	12 34	23 33	23 31	14 58	17 17	2 37
T 23	13 19	23 58	1 56	22 16	2 39	5 8	1 30	7 27	1 28	22 52	0 6	16 44	1 6	2 8	0 45	22 42	0 43	5 18	12 34	23 33	23 31	14 55	17 16	2 37
W24	13 39	24 13	0 52	22 33	2 40	5 38	1 29	7 13	1 28	22 52	0 6	16 43	1 7	2 8	0 45	22 42	0 43	5 19	12 34	23 33	23 31	14 53	17 16	2 37
T 25	13 59	23 15	0s14	22 47	2 40	6 7	1 28	7 0	1 28	22 53	0 7	16 42	1 7	2 9	0 45	22 42	0 43	5 19	12 34	23 33	23 31	14 50	17 15	2 37
F 26	14 19	21 13	1 18	23 0	2 40	6 37	1 28	6 46	1 28	22 53	0 7	16 41	1 7	2 10	0 45	22 42	0 43	5 20	12 33	23 33	23 31	14 48	17 14	2 37
S 27	14 38	18 17	2 18	23 11	2 39	7 6	1 27	6 32	1 29	22 53	0 7	16 41	1 7	2 10	0 45	22 42	0 43	5 21	12 33	23 33	23 31	14 46	17 13	2 37
S 28	14 58	14 38	3 12	23 21	2 37	7 35	1 26	6 18	1 29	22 53	0 7	16 40	1 7	2 11	0 45	22 42	0 43	5 22	12 33	23 33	23 32	14 43	17 12	2 38
M29	15 17	10 24	3 57	23 28	2 34	8 4	1 24	6 4	1 29	22 53	0 7	16 39	1 8	2 12	0 45	22 42	0 43	5 22	12 33	23 33	23 32	14 41	17 11	2 38
T 30	15 36	5 45	4 33	23 33	2 31	8 33	1 23	5 50	1 29	22 53	0 7	16 39	1 8	2 12	0 45	22 42	0 43	5 23	12 33	23 33	23 32	14 38	17 10	2 38
W31	15s54	0n50	4s57	23s36	2s26	9s 1	1n22	5n36	1n30	22n54	0n 7	16n38	1n 8	2s13	0s45	22s42	0n43	5s24	12n33	23s33	23s32	14n36	17n 9	2s38

Julian Day Number = 2088407.5, Delta T = 23m55s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°52'57, Lahiri = 9°59'57 Julian Calendar 1 Oct. 1005 == Greg. Calendar 7 Oct. 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

NOVEMBER 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 2 12	14♏15'38	28♍48	5♐22	27♎48	19♍58	14°R31	17♌55	26°R10	6♉25	18♏44	1°R54	3♉ 6	10♌54	27°R31	T 1
F 2	3 6 8	15°16'20	11♎29	5°49	29° 3	20°34	14♋30	17°58	26♓ 9	6°27	18°47	1♉46	3° 3	11° 1	27♉28	F 2
S 3	3 10 5	16°17'05	24°29	6° 8	0♏19	21°10	14°29	18° 0	26° 7	6°29	18°49	1°38	3° 0	11° 7	27°25	S 3
S 4	3 14 1	17°17'51	7♏48	6°19	1°34	21°45	14°27	18° 2	26° 6	6°30	18°51	1°30	2°57	11°14	27°21	S 4
M 5	3 17 58	18°18'38	21°24	6°R21	2°49	22°21	14°26	18° 4	26° 5	6°32	18°54	1°23	2°54	11°21	27°18	M 5
T 6	3 21 54	19°19'27	5♐14	6°13	4° 5	22°57	14°24	18° 6	26° 4	6°34	18°56	1°18	2°51	11°27	27°15	T 6
W 7	3 25 51	20°20'17	19°16	5°54	5°20	23°32	14°21	18° 8	26° 3	6°35	18°58	1°16	2°47	11°34	27°11	W 7
T 8	3 29 47	21°21'09	3♉24	5°25	6°36	24° 8	14°19	18°10	26° 2	6°37	19° 1	1°D15	2°44	11°41	27° 8	T 8
F 9	3 33 44	22°22'01	17°36	4°44	7°51	24°43	14°16	18°12	26° 1	6°39	19° 3	1°16	2°41	11°47	27° 4	F 9
S 10	3 37 41	23°22'54	1♒48	3°53	9° 6	25°19	14°14	18°13	26° 0	6°40	19° 6	1°17	2°38	11°54	27° 1	S 10
S 11	3 41 37	24°23'48	15°59	2°52	10°22	25°54	14°11	18°15	25°59	6°42	19° 8	1°19	2°35	12° 1	26°58	S 11
M12	3 45 34	25°24'43	0♓ 7	1°42	11°37	26°29	14° 8	18°16	25°58	6°44	19°10	1°R19	2°31	12° 7	26°54	M12
T 13	3 49 30	26°25'38	14°11	0°25	12°53	27° 5	14° 4	18°17	25°57	6°46	19°13	1°17	2°28	12°14	26°51	T 13
W14	3 53 27	27°26'34	28° 7	29♏ 4	14° 8	27°40	14° 1	18°18	25°56	6°48	19°15	1°14	2°25	12°21	26°47	W14
T 15	3 57 23	28°27'31	11♈56	27°42	15°24	28°15	13°57	18°19	25°55	6°50	19°17	1°10	2°22	12°27	26°44	T 15
F 16	4 1 20	29°28'29	25°35	26°20	16°39	28°50	13°53	18°20	25°55	6°51	19°20	1° 5	2°19	12°34	26°41	F 16
S 17	4 5 16	0♐29'28	9♉ 2	25° 1	17°54	29°25	13°49	18°21	25°54	6°53	19°22	1° 0	2°16	12°41	26°37	S 17
S 18	4 9 13	1°30'27	22°15	23°50	19°10	0♎ 0	13°45	18°22	25°53	6°55	19°24	0°55	2°12	12°47	26°34	S 18
M19	4 13 10	2°31'28	5♊13	22°46	20°25	0°35	13°40	18°22	25°53	6°57	19°27	0°51	2° 9	12°54	26°30	M19
T 20	4 17 6	3°32'29	17°55	21°52	21°41	1°10	13°36	18°23	25°52	6°59	19°29	0°49	2° 6	13° 1	26°27	T 20
W21	4 21 3	4°33'31	0♋21	21° 9	22°56	1°45	13°31	18°23	25°52	7° 1	19°31	0°D48	2° 3	13° 7	26°24	W21
T 22	4 24 59	5°34'35	12°34	20°37	24°12	2°20	13°26	18°23	25°51	7° 3	19°34	0°49	2° 0	13°14	26°20	T 22
F 23	4 28 56	6°35'39	24°36	20°17	25°27	2°55	13°21	18°23	25°51	7° 5	19°36	0°50	1°57	13°21	26°17	F 23
S 24	4 32 52	7°36'44	6♌29	20°D 7	26°43	3°29	13°16	18°R23	25°51	7° 7	19°38	0°52	1°53	13°27	26°14	S 24
S 25	4 36 49	8°37'49	18°19	20° 7	27°58	4° 4	13°10	18°23	25°50	7° 9	19°41	0°54	1°50	13°34	26°10	S 25
M26	4 40 45	9°38'56	0♍ 9	20°18	29°14	4°38	13° 5	18°23	25°50	7°11	19°43	0°55	1°47	13°41	26° 7	M26
T 27	4 44 42	10°40'04	12° 6	20°37	0♐29	5°13	12°59	18°23	25°50	7°13	19°45	0°R55	1°44	13°47	26° 4	T 27
W28	4 48 39	11°41'12	24°12	21° 4	1°45	5°47	12°53	18°22	25°50	7°15	19°47	0°55	1°41	13°54	26° 0	W28
T 29	4 52 35	12°42'21	6♎34	21°38	3° 0	6°22	12°47	18°22	25°50	7°18	19°50	0°53	1°37	14° 1	25°57	T 29
F 30	4 56 32	13♐43'31	19♎15	22♏19	4♐16	6♎56	12♋41	18♌21	25°D50	7♉20	19♏52	0♉51	1♉34	14♌ 8	25♉54	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s12	4s13	5s 7	23s36	2s20	9s29	1n21	5n22	1n30	22n54	0n 8	16n37	1n 8	2s13	0s45	22s42	0n43	5s25	12n33	23s33	23s32	14n33	17n 9	2s38
F 2	16 30	9 13	5 3	23 34	2 13	9 57	1 20	5 8	1 30	22 54	0 8	16 37	1 8	2 14	0 45	22 42	0 43	5 25	12 33	23 33	23 32	14 31	17 8	2 38
S 3	16 48	13 56	4 44	23 29	2 4	10 25	1 18	4 54	1 30	22 54	0 8	16 36	1 9	2 14	0 45	22 42	0 43	5 26	12 33	23 33	23 32	14 28	17 7	2 39
S 4	17 5	18 6	4 9	23 21	1 54	10 53	1 17	4 40	1 31	22 55	0 8	16 36	1 9	2 15	0 45	22 42	0 43	5 27	12 32	23 34	23 32	14 26	17 6	2 39
M 5	17 22	21 24	3 19	23 11	1 43	11 20	1 15	4 26	1 31	22 55	0 8	16 35	1 9	2 15	0 45	22 42	0 43	5 27	12 32	23 34	23 32	14 23	17 5	2 39
T 6	17 39	23 32	2 16	22 57	1 30	11 47	1 14	4 13	1 31	22 55	0 8	16 35	1 9	2 16	0 45	22 42	0 43	5 28	12 32	23 34	23 32	14 21	17 4	2 39
W 7	17 56	24 12	1 5	22 39	1 16	12 14	1 12	3 59	1 31	22 56	0 9	16 35	1 9	2 16	0 45	22 42	0 43	5 29	12 32	23 34	23 32	14 18	17 3	2 39
T 8	18 12	23 20	0n12	22 18	1 0	12 41	1 10	3 45	1 32	22 56	0 9	16 34	1 10	2 16	0 45	22 42	0 43	5 29	12 32	23 34	23 32	14 16	17 2	2 39
F 9	18 28	20 57	1 28	21 54	0 42	13 7	1 9	3 31	1 32	22 57	0 9	16 34	1 10	2 17	0 45	22 42	0 43	5 30	12 32	23 34	23 32	14 13	17 1	2 39
S 10	18 43	17 17	2 39	21 26	0 24	13 33	1 7	3 17	1 32	22 57	0 9	16 34	1 10	2 17	0 45	22 41	0 43	5 31	12 32	23 34	23 33	14 11	17 1	2 39
S 11	18 58	12 38	3 40	20 55	0 4	13 59	1 5	3 3	1 32	22 58	0 9	16 33	1 10	2 17	0 45	22 41	0 42	5 31	12 32	23 34	23 33	14 8	17 0	2 40
M12	19 13	7 19	4 27	20 21	0n16	14 24	1 3	2 49	1 33	22 58	0 9	16 33	1 11	2 18	0 45	22 41	0 42	5 32	12 32	23 34	23 33	14 6	16 59	2 40
T 13	19 28	1 40	4 58	19 45	0 37	14 49	1 2	2 35	1 33	22 59	0 9	16 33	1 11	2 18	0 45	22 41	0 42	5 33	12 32	23 34	23 33	14 3	16 58	2 40
W14	19 42	4n 0	5 11	19 8	0 57	15 13	1 0	2 21	1 33	22 59	0 10	16 33	1 11	2 18	0 45	22 41	0 42	5 33	12 32	23 34	23 33	14 1	16 57	2 40
T 15	19 55	9 26	5 6	18 31	1 16	15 37	0 58	2 7	1 33	23 0	0 10	16 33	1 11	2 19	0 45	22 41	0 42	5 34	12 32	23 34	23 33	13 58	16 56	2 40
F 16	20 9	14 21	4 44	17 54	1 35	16 1	0 56	1 54	1 33	23 0	0 10	16 33	1 11	2 19	0 45	22 41	0 42	5 35	12 32	23 34	23 33	13 56	16 55	2 40
S 17	20 22	18 28	4 6	17 19	1 51	16 24	0 54	1 40	1 34	23 1	0 10	16 33	1 12	2 19	0 44	22 41	0 42	5 35	12 32	23 34	23 33	13 53	16 54	2 40
S 18	20 34	21 35	3 16	16 48	2 6	16 47	0 52	1 26	1 34	23 1	0 10	16 33	1 12	2 19	0 44	22 41	0 42	5 36	12 32	23 34	23 33	13 51	16 54	2 40
M19	20 47	23 31	2 16	16 20	2 19	17 9	0 50	1 12	1 34	23 2	0 10	16 33	1 12	2 20	0 44	22 41	0 42	5 36	12 32	23 34	23 33	13 48	16 53	2 40
T 20	20 58	24 11	1 10	15 56	2 29	17 31	0 47	0 58	1 34	23 3	0 11	16 33	1 12	2 20	0 44	22 41	0 42	5 37	12 32	23 34	23 33	13 46	16 52	2 40
W21	21 10	23 37	0 2	15 37	2 37	17 53	0 45	0 45	1 35	23 3	0 11	16 33	1 12	2 20	0 44	22 41	0 42	5 37	12 32	23 34	23 33	13 43	16 51	2 41
T 22	21 21	21 54	1s 4	15 23	2 43	18 14	0 43	0 31	1 35	23 4	0 11	16 33	1 13	2 20	0 44	22 41	0 42	5 38	12 32	23 34	23 33	13 41	16 50	2 41
F 23	21 32	19 14	2 7	15 14	2 47	18 34	0 41	0 17	1 35	23 5	0 11	16 33	1 13	2 20	0 44	22 41	0 42	5 39	12 32	23 34	23 33	13 38	16 49	2 41
S 24	21 42	15 47	3 4	15 9	2 49	18 54	0 39	0 4	1 35	23 5	0 11	16 33	1 13	2 20	0 44	22 40	0 42	5 39	12 32	23 34	23 33	13 36	16 48	2 41
S 25	21 52	11 44	3 53	15 9	2 49	19 13	0 36	0s10	1 35	23 6	0 11	16 34	1 13	2 20	0 44	22 40	0 42	5 40	12 32	23 34	23 33	13 33	16 48	2 41
M26	22 1	7 14	4 32	15 13	2 48	19 32	0 34	0 24	1 36	23 7	0 12	16 34	1 14	2 20	0 44	22 40	0 42	5 40	12 32	23 34	23 33	13 31	16 47	2 41
T 27	22 10	2 27	4 59	15 20	2 46	19 51	0 32	0 37	1 36	23 7	0 12	16 34	1 14	2 20	0 44	22 40	0 42	5 41	12 32	23 34	23 33	13 28	16 46	2 41
W28	22 18	2s29	5 14	15 30	2 43	20 8	0 29	0 51	1 36	23 8	0 12	16 35	1 14	2 20	0 44	22 40	0 42	5 41	12 32	23 34	23 33	13 26	16 45	2 41
T 29	22 27	7 26	5 14	15 43	2 39	20 26	0 27	1 4	1 36	23 9	0 12	16 35	1 14	2 20	0 44	22 40	0 42	5 42	12 32	23 34	23 33	13 23	16 44	2 41
F 30	22s34	12s12	5s 0	15s58	2n34	20s42	0n25	1s18	1n36	23n10	0n12	16n35	1n14	2s20	0s44	22s40	0n42	5s42	12n33	23s34	23s34	13n21	16n44	2s41

Julian Day Number = 2088438.5, Delta T = 23m55s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'01, Lahiri = 10°00'02 Julian Calendar 1 Nov. 1005 == Greg. Calendar 7 Nov. 1005

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ASTRODIENST EPHEMERIS for the year 1005
geocentric

DECEMBER 1005 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 0 28	14♐44'42	2♏19	23♏ 6	5♐32	7♎30	12°R35	18°R20	25♓50	7♑22	19♏54	0°R49	1♑31	14♌14	25°R51	S 1
S 2	5 4 25	15°45'53	15°45	23°57	6°47	8° 5	12♋28	18♌19	25°50	7°24	19°56	0♑47	1°28	14°21	25♉48	S 2
M 3	5 8 21	16°47'05	29°35	24°53	8° 3	8°39	12°22	18°18	25°50	7°26	19°59	0°45	1°25	14°28	25°44	M 3
T 4	5 12 18	17°48'18	13♐46	25°53	9°18	9°13	12°15	18°17	25°50	7°28	20° 1	0°43	1°22	14°34	25°41	T 4
W 5	5 16 14	18°49'31	28°12	26°57	10°34	9°47	12° 8	18°16	25°51	7°30	20° 3	0°D43	1°18	14°41	25°38	W 5
T 6	5 20 11	19°50'44	12♑49	28° 3	11°49	10°21	12° 1	18°15	25°51	7°33	20° 5	0°43	1°15	14°48	25°35	T 6
F 7	5 24 8	20°51'57	27°30	29°12	13° 5	10°55	11°54	18°13	25°51	7°35	20° 7	0°44	1°12	14°54	25°32	F 7
S 8	5 28 4	21°53'10	12♒ 8	0♐24	14°20	11°28	11°47	18°12	25°52	7°37	20° 9	0°45	1° 9	15° 1	25°29	S 8
S 9	5 32 1	22°54'23	26°39	1°38	15°36	12° 2	11°40	18°10	25°52	7°39	20°11	0°45	1° 6	15° 8	25°26	S 9
M10	5 35 57	23°55'36	10♓57	2°53	16°51	12°36	11°32	18° 8	25°53	7°41	20°13	0°46	1° 3	15°14	25°23	M10
T 11	5 39 54	24°56'48	25° 1	4°10	18° 7	13° 9	11°25	18° 7	25°53	7°44	20°15	0°R46	0°59	15°21	25°21	T 11
W12	5 43 50	25°58'00	8♈49	5°29	19°22	13°43	11°17	18° 5	25°54	7°46	20°18	0°46	0°56	15°28	25°18	W12
T 13	5 47 47	26°59'12	22°21	6°49	20°38	14°16	11°10	18° 3	25°55	7°48	20°20	0°46	0°53	15°34	25°15	T 13
F 14	5 51 43	28° 0'23	5♉38	8°10	21°53	14°49	11° 2	18° 0	25°55	7°50	20°22	0°45	0°50	15°41	25°12	F 14
S 15	5 55 40	29° 1'35	18°40	9°32	23° 9	15°22	10°54	17°58	25°56	7°53	20°24	0°45	0°47	15°48	25°10	S 15
S 16	5 59 37	0♑ 2'46	1♊28	10°56	24°24	15°55	10°47	17°56	25°57	7°55	20°25	0°45	0°43	15°54	25° 7	S 16
M17	6 3 33	1° 3'57	14° 4	12°20	25°40	16°28	10°39	17°53	25°58	7°57	20°27	0°D45	0°40	16° 1	25° 4	M17
T 18	6 7 30	2° 5'07	26°29	13°45	26°55	17° 1	10°31	17°51	25°59	7°59	20°29	0°R45	0°37	16° 8	25° 2	T 18
W19	6 11 26	3° 6'17	8♋42	15°11	28°11	17°34	10°23	17°48	26° 0	8° 2	20°31	0°45	0°34	16°15	24°59	W19
T 20	6 15 23	4° 7'27	20°47	16°37	29°26	18° 7	10°15	17°45	26° 1	8° 4	20°33	0°45	0°31	16°21	24°57	T 20
F 21	6 19 19	5° 8'37	2♌44	18° 4	0♑42	18°40	10° 7	17°43	26° 2	8° 6	20°35	0°44	0°28	16°28	24°54	F 21
S 22	6 23 16	6° 9'46	14°36	19°32	1°57	19°12	9°59	17°40	26° 3	8° 9	20°37	0°44	0°24	16°35	24°52	S 22
S 23	6 27 13	7°10'56	26°26	21° 1	3°12	19°45	9°51	17°37	26° 4	8°11	20°39	0°43	0°21	16°41	24°50	S 23
M24	6 31 9	8°12'04	8♍17	22°30	4°28	20°17	9°43	17°33	26° 5	8°13	20°40	0°42	0°18	16°48	24°48	M24
T 25	6 35 6	9°13'13	20°12	23°59	5°43	20°49	9°35	17°30	26° 7	8°15	20°42	0°41	0°15	16°55	24°45	T 25
W26	6 39 2	10°14'21	2♎17	25°29	6°59	21°21	9°27	17°27	26° 8	8°18	20°44	0°40	0°12	17° 1	24°43	W26
T 27	6 42 59	11°15'30	14°34	27° 0	8°14	21°53	9°19	17°24	26° 9	8°20	20°46	0°D40	0° 9	17° 8	24°41	T 27
F 28	6 46 55	12°16'37	27°10	28°31	9°30	22°25	9°11	17°20	26°11	8°22	20°47	0°41	0° 5	17°15	24°39	F 28
S 29	6 50 52	13°17'45	10♏ 8	0♑ 3	10°45	22°57	9° 2	17°17	26°12	8°24	20°49	0°42	0° 2	17°21	24°37	S 29
S 30	6 54 48	14°18'52	23°31	1°36	12° 0	23°29	8°54	17°13	26°14	8°27	20°51	0°43	29♐59	17°28	24°35	S 30
M31	6 58 45	15♑19'59	7♐20	3♑ 9	13♑16	24♎ 0	8♋46	17♌ 9	26♓15	8♑29	20♏52	0♑44	29♐56	17♌35	24♉34	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s41	16s33	4s30	16s16	2n28	20s58	0n22	1s31	1n37	23n10	0n12	16n36	1n15	2s20	0s44	22s40	0n42	5s43	12n33	23s34	23s34	13n18	16n43	2s41
S 2	22 48	20 13	3 44	16 35	2 22	21 14	0 20	1 44	1 37	23 11	0 13	16 36	1 15	2 20	0 44	22 40	0 42	5 43	12 33	23 34	23 34	13 15	16 42	2 41
M 3	22 54	22 50	2 44	16 55	2 15	21 29	0 18	1 58	1 37	23 12	0 13	16 37	1 15	2 20	0 44	22 40	0 42	5 43	12 33	23 34	23 34	13 13	16 41	2 41
T 4	23 0	24 6	1 33	17 16	2 8	21 43	0 15	2 11	1 37	23 13	0 13	16 37	1 15	2 20	0 44	22 39	0 42	5 44	12 33	23 34	23 34	13 10	16 40	2 41
W 5	23 6	23 47	0 14	17 38	2 0	21 56	0 13	2 24	1 37	23 14	0 13	16 38	1 16	2 20	0 44	22 39	0 42	5 44	12 33	23 34	23 34	13 8	16 40	2 41
T 6	23 11	21 50	1n 7	18 0	1 53	22 9	0 10	2 37	1 37	23 14	0 13	16 39	1 16	2 20	0 44	22 39	0 42	5 45	12 33	23 34	23 34	13 5	16 39	2 41
F 7	23 15	18 26	2 23	18 23	1 45	22 21	0 8	2 51	1 38	23 15	0 13	16 39	1 16	2 19	0 44	22 39	0 42	5 45	12 33	23 34	23 34	13 3	16 38	2 41
S 8	23 19	13 53	3 30	18 46	1 37	22 33	0 6	3 4	1 38	23 16	0 13	16 40	1 16	2 19	0 44	22 39	0 42	5 46	12 34	23 34	23 34	13 0	16 38	2 41
S 9	23 23	8 35	4 23	19 9	1 29	22 44	0 3	3 17	1 38	23 17	0 14	16 41	1 16	2 19	0 44	22 39	0 42	5 46	12 34	23 34	23 34	12 58	16 37	2 41
M10	23 26	2 54	4 59	19 32	1 21	22 54	0 1	3 30	1 38	23 18	0 14	16 41	1 17	2 19	0 44	22 39	0 42	5 46	12 34	23 34	23 34	12 55	16 36	2 41
T 11	23 28	2n50	5 16	19 54	1 13	23 4	0s 2	3 43	1 38	23 18	0 14	16 42	1 17	2 19	0 44	22 39	0 42	5 47	12 34	23 34	23 34	12 53	16 35	2 41
W12	23 30	8 19	5 14	20 16	1 5	23 12	0 4	3 56	1 38	23 19	0 14	16 43	1 17	2 18	0 43	22 39	0 42	5 47	12 34	23 34	23 34	12 50	16 35	2 41
T 13	23 32	13 18	4 55	20 38	0 56	23 21	0 6	4 8	1 39	23 20	0 14	16 44	1 17	2 18	0 43	22 38	0 42	5 47	12 34	23 34	23 34	12 47	16 34	2 41
F 14	23 33	17 34	4 21	21 0	0 48	23 28	0 9	4 21	1 39	23 21	0 14	16 45	1 17	2 18	0 43	22 38	0 42	5 48	12 34	23 34	23 34	12 45	16 33	2 41
S 15	23 34	20 53	3 33	21 20	0 40	23 35	0 11	4 34	1 39	23 22	0 15	16 45	1 18	2 17	0 43	22 38	0 42	5 48	12 35	23 34	23 34	12 42	16 33	2 41
S 16	23 34	23 6	2 36	21 40	0 32	23 41	0 14	4 46	1 39	23 22	0 15	16 46	1 18	2 17	0 43	22 38	0 42	5 48	12 35	23 34	23 34	12 40	16 32	2 41
M17	23 34	24 7	1 31	21 59	0 24	23 46	0 16	4 59	1 39	23 23	0 15	16 47	1 18	2 16	0 43	22 38	0 42	5 49	12 35	23 34	23 34	12 37	16 32	2 41
T 18	23 33	23 55	0 24	22 18	0 17	23 50	0 18	5 12	1 39	23 24	0 15	16 48	1 18	2 16	0 43	22 38	0 42	5 49	12 35	23 34	23 34	12 35	16 31	2 41
W19	23 32	22 33	0s44	22 36	0 9	23 54	0 21	5 24	1 40	23 25	0 15	16 49	1 18	2 16	0 43	22 38	0 42	5 49	12 35	23 34	23 34	12 32	16 30	2 41
T 20	23 30	20 9	1 49	22 52	0 1	23 57	0 23	5 36	1 40	23 25	0 15	16 50	1 19	2 15	0 43	22 38	0 42	5 49	12 36	23 34	23 34	12 30	16 30	2 41
F 21	23 28	16 55	2 49	23 8	0s 6	23 59	0 25	5 49	1 40	23 26	0 15	16 51	1 19	2 15	0 43	22 37	0 42	5 50	12 36	23 34	23 34	12 27	16 29	2 41
S 22	23 25	13 2	3 40	23 23	0 13	24 1	0 28	6 1	1 40	23 27	0 16	16 53	1 19	2 14	0 43	22 37	0 42	5 50	12 36	23 34	23 34	12 24	16 29	2 41
S 23	23 22	8 39	4 22	23 36	0 21	24 1	0 30	6 13	1 40	23 28	0 16	16 54	1 19	2 14	0 43	22 37	0 42	5 50	12 36	23 34	23 34	12 22	16 28	2 41
M24	23 19	3 58	4 53	23 49	0 28	24 2	0 32	6 25	1 40	23 28	0 16	16 55	1 19	2 13	0 43	22 37	0 42	5 50	12 37	23 34	23 34	12 19	16 28	2 41
T 25	23 15	0s53	5 12	24 0	0 34	24 1	0 34	6 37	1 40	23 29	0 16	16 56	1 20	2 13	0 43	22 37	0 42	5 51	12 37	23 34	23 34	12 17	16 27	2 41
W26	23 10	5 45	5 17	24 10	0 41	23 59	0 36	6 49	1 40	23 30	0 16	16 57	1 20	2 12	0 43	22 37	0 42	5 51	12 37	23 34	23 34	12 14	16 27	2 41
T 27	23 5	10 30	5 8	24 20	0 47	23 57	0 39	7 1	1 40	23 31	0 16	16 58	1 20	2 12	0 43	22 37	0 42	5 51	12 37	23 34	23 34	12 12	16 26	2 41
F 28	23 0	14 56	4 44	24 27	0 54	23 54	0 41	7 13	1 41	23 31	0 16	17 0	1 20	2 11	0 43	22 37	0 42	5 51	12 38	23 34	23 34	12 9	16 26	2 41
S 29	22 54	18 48	4 5	24 34	1 0	23 50	0 43	7 25	1 41	23 32	0 17	17 1	1 20	2 10	0 43	22 36	0 42	5 51	12 38	23 34	23 34	12 6	16 26	2 41
S 30	22 48	21 51	3 12	24 39	1 6	23 46	0 45	7 36	1 41	23 33	0 17	17 2	1 21	2 10	0 43	22 36	0 42	5 51	12 38	23 34	23 34	12 4	16 25	2 41
M31	22s41	23s43	2s 6	24s43	1s11	23s41	0s47	7s48	1n41	23n33	0n17	17n 3	1n21	2s 9	0s43	22s36	0n42	5s52	12n38	23s34	23s34	12n 1	16n25	2s41

Julian Day Number = 2088468.5, Delta T = 23m54s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'05, Lahiri = 10°00'06 Julian Calendar 1 Dec. 1005 == Greg. Calendar 7 Dec. 1005

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

JANUARY 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 2 42	16♉21'05	21♐36	4♉42	14♉31	24♎32	8°R38	17°R 6	26♓17	8♉31	20♏54	0♉45	29♐53	17♌41	24°R32	T 1
W 2	7 6 38	17°22'11	6♉15	6°16	15°47	25° 3	8♋31	17♌ 2	26°19	8°34	20°55	0°R45	29°49	17°48	24♉30	W 2
T 3	7 10 35	18°23'16	21°11	7°51	17° 2	25°34	8°23	16°58	26°20	8°36	20°57	0°44	29°46	17°55	24°29	T 3
F 4	7 14 31	19°24'20	6♒17	9°27	18°17	26° 5	8°15	16°54	26°22	8°38	20°58	0°42	29°43	18° 2	24°27	F 4
S 5	7 18 28	20°25'23	21°22	11° 2	19°33	26°36	8° 7	16°50	26°24	8°40	21° 0	0°40	29°40	18° 8	24°25	S 5
S 6	7 22 24	21°26'25	6♓17	12°39	20°48	27° 7	7°59	16°46	26°26	8°43	21° 1	0°37	29°37	18°15	24°24	S 6
M 7	7 26 21	22°27'25	20°56	14°16	22° 4	27°38	7°52	16°42	26°28	8°45	21° 3	0°34	29°34	18°22	24°23	M 7
T 8	7 30 17	23°28'25	5♈13	15°54	23°19	28° 8	7°44	16°37	26°29	8°47	21° 4	0°32	29°30	18°28	24°21	T 8
W 9	7 34 14	24°29'23	19° 6	17°32	24°34	28°39	7°37	16°33	26°31	8°49	21° 5	0°D31	29°27	18°35	24°20	W 9
T 10	7 38 11	25°30'19	2♉35	19°11	25°50	29° 9	7°29	16°29	26°33	8°51	21° 7	0°31	29°24	18°42	24°19	T 10
F 11	7 42 7	26°31'15	15°42	20°51	27° 5	29°39	7°22	16°25	26°35	8°54	21° 8	0°32	29°21	18°48	24°18	F 11
S 12	7 46 4	27°32'09	28°30	22°32	28°20	0♏ 9	7°15	16°20	26°38	8°56	21° 9	0°34	29°18	18°55	24°17	S 12
S 13	7 50 0	28°33'01	11♊ 1	24°13	29°35	0°39	7° 8	16°16	26°40	8°58	21°10	0°36	29°15	19° 2	24°16	S 13
M14	7 53 57	29°33'53	23°20	25°55	0♒51	1° 8	7° 1	16°11	26°42	9° 0	21°11	0°37	29°11	19° 8	24°15	M14
T 15	7 57 53	0♒34'43	5♋29	27°38	2° 6	1°38	6°54	16° 7	26°44	9° 2	21°13	0°R37	29° 8	19°15	24°14	T 15
W16	8 1 50	1°35'31	17°30	29°21	3°21	2° 7	6°47	16° 2	26°46	9° 4	21°14	0°36	29° 5	19°22	24°13	W16
T 17	8 5 46	2°36'18	29°26	1♒ 6	4°36	2°36	6°41	15°57	26°49	9° 7	21°15	0°33	29° 2	19°29	24°13	T 17
F 18	8 9 43	3°37'04	11♌19	2°51	5°52	3° 5	6°34	15°53	26°51	9° 9	21°16	0°28	28°59	19°35	24°12	F 18
S 19	8 13 40	4°37'49	23°10	4°36	7° 7	3°34	6°28	15°48	26°53	9°11	21°17	0°22	28°55	19°42	24°12	S 19
S 20	8 17 36	5°38'32	5♍ 1	6°23	8°22	4° 3	6°22	15°43	26°56	9°13	21°18	0°15	28°52	19°49	24°11	S 20
M21	8 21 33	6°39'14	16°54	8°10	9°37	4°31	6°16	15°39	26°58	9°15	21°19	0° 8	28°49	19°55	24°11	M21
T 22	8 25 29	7°39'54	28°52	9°58	10°52	5° 0	6°10	15°34	27° 1	9°17	21°20	0° 2	28°46	20° 2	24°10	T 22
W23	8 29 26	8°40'34	10♎57	11°47	12° 7	5°28	6° 4	15°29	27° 3	9°19	21°21	29♐57	28°43	20° 9	24°10	W23
T 24	8 33 22	9°41'12	23°13	13°36	13°23	5°56	5°58	15°24	27° 6	9°21	21°22	29°53	28°40	20°15	24°10	T 24
F 25	8 37 19	10°41'49	5♏44	15°26	14°38	6°23	5°53	15°19	27° 8	9°23	21°22	29°D52	28°36	20°22	24°10	F 25
S 26	8 41 15	11°42'25	18°35	17°16	15°53	6°51	5°47	15°15	27°11	9°25	21°23	29°52	28°33	20°29	24°D10	S 26
S 27	8 45 12	12°42'59	1♐48	19° 7	17° 8	7°18	5°42	15°10	27°14	9°27	21°24	29°53	28°30	20°35	24°10	S 27
M28	8 49 9	13°43'33	15°27	20°58	18°23	7°45	5°37	15° 5	27°16	9°29	21°25	29°54	28°27	20°42	24°10	M28
T 29	8 53 5	14°44'05	29°35	22°50	19°38	8°12	5°32	15° 0	27°19	9°31	21°25	29°R55	28°24	20°49	24°10	T 29
W30	8 57 2	15°44'35	14♑ 9	24°41	20°53	8°39	5°27	14°55	27°22	9°33	21°26	29°54	28°21	20°56	24°10	W30
T 31	9 0 58	16♒45'04	29♑ 6	26♒33	22♒ 8	9♏ 5	5♋23	14♌50	27♓24	9♉35	21♏27	29♐51	28♐17	21♌ 2	24♉11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s34	24s 8	0s50	24s46	1s17	23s35	0s49	7s59	1n41	23n34	0n17	17n 5	1n21	2s 8	0s43	22s36	0n42	5s52	12n39	23s34	23s34	11n59	16n24	2s41
W 2	22 26	22 55	0n30	24 47	1 22	23 28	0 51	8 11	1 41	23 35	0 17	17 6	1 21	2 8	0 43	22 36	0 42	5 52	12 39	23 34	23 34	11 56	16 24	2 41
T 3	22 18	20 4	1 51	24 47	1 27	23 21	0 53	8 22	1 41	23 35	0 17	17 7	1 21	2 7	0 43	22 36	0 42	5 52	12 39	23 34	23 34	11 53	16 24	2 41
F 4	22 9	15 50	3 4	24 45	1 31	23 13	0 54	8 33	1 41	23 36	0 17	17 9	1 21	2 6	0 43	22 36	0 42	5 52	12 39	23 34	23 34	11 51	16 23	2 41
S 5	22 0	10 36	4 4	24 42	1 36	23 4	0 56	8 45	1 41	23 37	0 18	17 10	1 22	2 5	0 43	22 35	0 42	5 52	12 40	23 34	23 34	11 48	16 23	2 41
S 6	21 51	4 48	4 47	24 37	1 40	22 54	0 58	8 56	1 41	23 37	0 18	17 12	1 22	2 5	0 43	22 35	0 42	5 52	12 40	23 34	23 34	11 46	16 23	2 40
M 7	21 41	1n 9	5 11	24 31	1 44	22 44	1 0	9 7	1 41	23 38	0 18	17 13	1 22	2 4	0 42	22 35	0 42	5 52	12 40	23 34	23 34	11 43	16 22	2 40
T 8	21 31	6 53	5 14	24 23	1 47	22 33	1 1	9 17	1 41	23 38	0 18	17 14	1 22	2 3	0 42	22 35	0 42	5 52	12 41	23 34	23 34	11 41	16 22	2 40
W 9	21 20	12 7	4 59	24 14	1 50	22 21	1 3	9 28	1 41	23 39	0 18	17 16	1 22	2 2	0 42	22 35	0 42	5 52	12 41	23 34	23 34	11 38	16 22	2 40
T 10	21 9	16 37	4 27	24 3	1 53	22 9	1 5	9 39	1 41	23 39	0 18	17 17	1 22	2 1	0 42	22 35	0 42	5 52	12 41	23 34	23 34	11 35	16 22	2 40
F 11	20 58	20 10	3 42	23 51	1 56	21 56	1 6	9 50	1 42	23 40	0 18	17 19	1 22	2 1	0 42	22 35	0 42	5 52	12 42	23 34	23 34	11 33	16 22	2 40
S 12	20 46	22 39	2 47	23 37	1 58	21 43	1 8	10 0	1 42	23 40	0 18	17 20	1 23	2 0	0 42	22 34	0 42	5 52	12 42	23 34	23 34	11 30	16 21	2 40
S 13	20 34	23 58	1 46	23 21	2 0	21 28	1 9	10 10	1 42	23 41	0 18	17 22	1 23	1 59	0 42	22 34	0 42	5 52	12 42	23 34	23 34	11 28	16 21	2 40
M14	20 21	24 4	0 40	23 4	2 1	21 14	1 11	10 21	1 42	23 41	0 19	17 23	1 23	1 58	0 42	22 34	0 42	5 52	12 42	23 34	23 34	11 25	16 21	2 40
T 15	20 8	23 1	0s27	22 45	2 3	20 58	1 12	10 31	1 42	23 42	0 19	17 25	1 23	1 57	0 42	22 34	0 42	5 52	12 43	23 34	23 34	11 22	16 21	2 40
W16	19 55	20 55	1 31	22 24	2 3	20 42	1 13	10 41	1 42	23 42	0 19	17 26	1 23	1 56	0 42	22 34	0 42	5 52	12 43	23 34	23 34	11 20	16 21	2 40
T 17	19 41	17 55	2 31	22 2	2 4	20 25	1 14	10 51	1 42	23 43	0 19	17 28	1 23	1 55	0 42	22 34	0 42	5 52	12 43	23 34	23 34	11 17	16 21	2 40
F 18	19 27	14 12	3 24	21 38	2 3	20 8	1 16	11 1	1 42	23 43	0 19	17 29	1 23	1 54	0 42	22 34	0 42	5 52	12 44	23 34	23 34	11 15	16 21	2 40
S 19	19 12	9 58	4 8	21 12	2 3	19 50	1 17	11 11	1 41	23 44	0 19	17 31	1 24	1 53	0 42	22 33	0 42	5 52	12 44	23 34	23 34	11 12	16 21	2 39
S 20	18 58	5 22	4 41	20 44	2 2	19 31	1 18	11 21	1 41	23 44	0 19	17 32	1 24	1 52	0 42	22 33	0 42	5 52	12 44	23 34	23 34	11 9	16 21	2 39
M21	18 43	0 34	5 2	20 15	2 0	19 12	1 19	11 30	1 41	23 44	0 19	17 34	1 24	1 51	0 42	22 33	0 42	5 52	12 45	23 34	23 34	11 7	16 21	2 39
T 22	18 27	4s17	5 10	19 44	1 58	18 53	1 20	11 40	1 41	23 45	0 19	17 35	1 24	1 50	0 42	22 33	0 42	5 52	12 45	23 34	23 34	11 4	16 21	2 39
W23	18 11	9 1	5 5	19 12	1 55	18 33	1 21	11 49	1 41	23 45	0 20	17 37	1 24	1 49	0 42	22 33	0 42	5 52	12 45	23 34	23 34	11 1	16 21	2 39
T 24	17 55	13 29	4 45	18 37	1 52	18 12	1 22	11 59	1 41	23 46	0 20	17 39	1 24	1 48	0 42	22 33	0 42	5 52	12 46	23 34	23 34	10 59	16 21	2 39
F 25	17 39	17 28	4 12	18 1	1 49	17 51	1 22	12 8	1 41	23 46	0 20	17 40	1 24	1 47	0 42	22 33	0 42	5 51	12 46	23 34	23 34	10 56	16 21	2 39
S 26	17 22	20 44	3 25	17 24	1 44	17 29	1 23	12 17	1 41	23 46	0 20	17 42	1 24	1 46	0 42	22 32	0 42	5 51	12 47	23 34	23 34	10 54	16 21	2 39
S 27	17 5	23 1	2 26	16 45	1 39	17 7	1 24	12 26	1 41	23 47	0 20	17 43	1 24	1 45	0 42	22 32	0 42	5 51	12 47	23 34	23 34	10 51	16 21	2 39
M28	16 48	24 3	1 18	16 4	1 34	16 44	1 24	12 35	1 41	23 47	0 20	17 45	1 25	1 44	0 42	22 32	0 42	5 51	12 47	23 34	23 34	10 48	16 21	2 39
T 29	16 30	23 36	0 2	15 22	1 28	16 21	1 25	12 44	1 41	23 47	0 20	17 46	1 25	1 43	0 42	22 32	0 42	5 51	12 48	23 34	23 33	10 46	16 21	2 39
W30	16 12	21 33	1n16	14 38	1 21	15 57	1 25	12 52	1 41	23 47	0 20	17 48	1 25	1 42	0 42	22 32	0 42	5 51	12 48	23 34	23 33	10 43	16 21	2 39
T 31	15s54	17s59	2n31	13s53	1s13	15s33	1s26	13s 1	1n40	23n48	0n20	17n49	1n25	1s40	0s42	22s32	0n42	5s50	12n48	23s34	23s33	10n41	16n21	2s38

Julian Day Number = 2088499.5, Delta T = 23m54s
Ecliptic obliquity = 23°34'04, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'10, Lahiri = 10°00'10 Julian Calendar 1 Jan. 1006 == Greg. Calendar 7 Jan. 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

FEBRUARY 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 4 55	17♒45'32	14♒19	28♒24	23♒23	9♏31	5°R19	14°R46	27♓27	9♑37	21♏27	29°R46	28♐14	21♌ 9	24♉11	F 1
S 2	9 8 51	18°45'58	29°38	0♓14	24°38	9°57	5♋14	14♌41	27°30	9°39	21°28	29♐39	28°11	21°16	24°12	S 2
S 3	9 12 48	19°46'21	14♓52	2° 3	25°53	10°23	5°10	14°36	27°33	9°41	21°28	29°31	28° 8	21°22	24°12	S 3
M 4	9 16 44	20°46'43	29°49	3°51	27° 8	10°48	5° 7	14°31	27°36	9°42	21°29	29°23	28° 5	21°29	24°13	M 4
T 5	9 20 41	21°47'03	14♈23	5°38	28°23	11°14	5° 3	14°26	27°39	9°44	21°29	29°17	28° 1	21°36	24°13	T 5
W 6	9 24 38	22°47'21	28°29	7°22	29°38	11°39	5° 0	14°22	27°42	9°46	21°30	29°12	27°58	21°42	24°14	W 6
T 7	9 28 34	23°47'37	12♉ 5	9° 4	0♓53	12° 3	4°56	14°17	27°45	9°48	21°30	29° 9	27°55	21°49	24°15	T 7
F 8	9 32 31	24°47'51	25°14	10°42	2° 8	12°28	4°53	14°12	27°48	9°50	21°30	29°D 9	27°52	21°56	24°16	F 8
S 9	9 36 27	25°48'03	7♊58	12°17	3°23	12°52	4°50	14° 7	27°51	9°51	21°31	29° 9	27°49	22° 3	24°17	S 9
S 10	9 40 24	26°48'13	20°23	13°48	4°38	13°16	4°48	14° 3	27°54	9°53	21°31	29°10	27°46	22° 9	24°18	S 10
M11	9 44 20	27°48'20	2♋34	15°14	5°53	13°39	4°45	13°58	27°57	9°55	21°31	29°R10	27°42	22°16	24°19	M11
T 12	9 48 17	28°48'26	14°33	16°34	7° 7	14° 2	4°43	13°53	28° 0	9°56	21°31	29° 9	27°39	22°23	24°20	T 12
W13	9 52 13	29°48'29	26°27	17°49	8°22	14°25	4°41	13°49	28° 3	9°58	21°32	29° 5	27°36	22°29	24°22	W13
T 14	9 56 10	0♓48'30	8♌18	18°57	9°37	14°48	4°39	13°44	28° 6	10° 0	21°32	28°59	27°33	22°36	24°23	T 14
F 15	10 0 7	1°48'29	20° 8	19°58	10°52	15°10	4°37	13°40	28° 9	10° 1	21°32	28°50	27°30	22°43	24°24	F 15
S 16	10 4 3	2°48'26	1♍59	20°51	12° 6	15°32	4°36	13°35	28°12	10° 3	21°32	28°39	27°27	22°49	24°26	S 16
S 17	10 8 0	3°48'21	13°54	21°37	13°21	15°54	4°34	13°31	28°16	10° 4	21°R32	28°26	27°23	22°56	24°27	S 17
M18	10 11 56	4°48'15	25°53	22°14	14°36	16°16	4°33	13°27	28°19	10° 6	21°32	28°13	27°20	23° 3	24°29	M18
T 19	10 15 53	5°48'06	7♎57	22°43	15°50	16°37	4°32	13°22	28°22	10° 7	21°32	28° 1	27°17	23° 9	24°30	T 19
W20	10 19 49	6°47'55	20° 9	23° 3	17° 5	16°57	4°32	13°18	28°25	10° 9	21°32	27°51	27°14	23°16	24°32	W20
T 21	10 23 46	7°47'43	2♏31	23°15	18°20	17°18	4°31	13°14	28°29	10°10	21°32	27°43	27°11	23°23	24°34	T 21
F 22	10 27 42	8°47'29	15° 5	23°R18	19°34	17°38	4°31	13°10	28°32	10°12	21°31	27°38	27° 7	23°30	24°36	F 22
S 23	10 31 39	9°47'13	27°54	23°12	20°49	17°57	4°D30	13° 6	28°35	10°13	21°31	27°36	27° 4	23°36	24°38	S 23
S 24	10 35 36	10°46'55	11♐ 1	22°58	22° 3	18°16	4°31	13° 2	28°38	10°14	21°31	27°D35	27° 1	23°43	24°40	S 24
M25	10 39 32	11°46'36	24°31	22°37	23°18	18°35	4°31	12°58	28°42	10°16	21°31	27°R35	26°58	23°50	24°42	M25
T 26	10 43 29	12°46'15	8♑26	22° 8	24°32	18°53	4°31	12°54	28°45	10°17	21°31	27°35	26°55	23°56	24°44	T 26
W27	10 47 25	13°45'52	22°46	21°33	25°47	19°11	4°32	12°50	28°48	10°18	21°30	27°33	26°52	24° 3	24°46	W27
T 28	10 51 22	14♓45'28	7♒29	20♓52	27♓ 1	19♏29	4♋33	12♌46	28♓52	10♑19	21♏30	27♐29	26♐48	24♌10	24♉48	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s36	13s10	3n36	13s 7	1s 5	15s 9	1s26	13s 9	1n40	23n48	0n20	17n51	1n25	1s39	0s42	22s32	0n42	5s50	12n49	23s34	23s33	10n38	16n22	2s38
S 2	15 17	7 30	4 26	12 20	0 56	14 44	1 26	13 18	1 40	23 48	0 20	17 52	1 25	1 38	0 42	22 31	0 42	5 50	12 49	23 34	23 33	10 35	16 22	2 38
S 3	14 58	1 26	4 57	11 32	0 47	14 19	1 27	13 26	1 40	23 48	0 21	17 54	1 25	1 37	0 42	22 31	0 42	5 50	12 49	23 34	23 33	10 33	16 22	2 38
M 4	14 39	4n37	5 7	10 43	0 37	13 53	1 27	13 34	1 40	23 49	0 21	17 55	1 25	1 36	0 42	22 31	0 42	5 50	12 50	23 34	23 33	10 30	16 22	2 38
T 5	14 19	10 15	4 56	9 54	0 26	13 27	1 27	13 42	1 40	23 49	0 21	17 57	1 25	1 35	0 42	22 31	0 42	5 49	12 50	23 34	23 33	10 27	16 23	2 38
W 6	14 0	15 9	4 28	9 4	0 14	13 1	1 27	13 50	1 39	23 49	0 21	17 58	1 25	1 33	0 42	22 31	0 42	5 49	12 50	23 34	23 33	10 25	16 23	2 38
T 7	13 40	19 7	3 45	8 15	0 2	12 34	1 27	13 58	1 39	23 49	0 21	18 0	1 25	1 32	0 42	22 31	0 42	5 49	12 51	23 34	23 33	10 22	16 23	2 38
F 8	13 20	21 57	2 52	7 26	0n10	12 7	1 27	14 5	1 39	23 50	0 21	18 1	1 25	1 31	0 42	22 31	0 42	5 49	12 51	23 34	23 33	10 20	16 23	2 38
S 9	12 59	23 35	1 51	6 38	0 23	11 40	1 26	14 13	1 39	23 50	0 21	18 3	1 26	1 30	0 42	22 31	0 42	5 48	12 52	23 34	23 33	10 17	16 24	2 38
S 10	12 39	24 0	0 47	5 50	0 37	11 12	1 26	14 20	1 38	23 50	0 21	18 4	1 26	1 29	0 42	22 30	0 42	5 48	12 52	23 34	23 33	10 14	16 24	2 38
M11	12 18	23 14	0s18	5 4	0 51	10 44	1 26	14 28	1 38	23 50	0 21	18 5	1 26	1 27	0 41	22 30	0 42	5 48	12 52	23 34	23 33	10 12	16 24	2 37
T 12	11 57	21 25	1 21	4 20	1 5	10 16	1 26	14 35	1 38	23 50	0 21	18 7	1 26	1 26	0 41	22 30	0 42	5 47	12 53	23 34	23 33	10 9	16 25	2 37
W13	11 36	18 41	2 20	3 38	1 19	9 47	1 25	14 42	1 38	23 50	0 21	18 8	1 26	1 25	0 41	22 30	0 42	5 47	12 53	23 34	23 33	10 6	16 25	2 37
T 14	11 15	15 11	3 13	2 58	1 34	9 19	1 25	14 49	1 37	23 50	0 21	18 10	1 26	1 24	0 41	22 30	0 42	5 47	12 53	23 34	23 33	10 4	16 26	2 37
F 15	10 53	11 6	3 57	2 21	1 48	8 50	1 24	14 56	1 37	23 51	0 21	18 11	1 26	1 22	0 41	22 30	0 42	5 46	12 54	23 34	23 33	10 1	16 26	2 37
S 16	10 32	6 37	4 31	1 47	2 2	8 20	1 23	15 3	1 37	23 51	0 21	18 12	1 26	1 21	0 41	22 30	0 42	5 46	12 54	23 34	23 33	9 58	16 26	2 37
S 17	10 10	1 52	4 53	1 16	2 15	7 51	1 23	15 9	1 36	23 51	0 22	18 14	1 26	1 20	0 41	22 29	0 42	5 46	12 54	23 34	23 33	9 56	16 27	2 37
M18	9 48	2s58	5 2	0 49	2 29	7 21	1 22	15 16	1 36	23 51	0 22	18 15	1 26	1 18	0 41	22 29	0 42	5 45	12 55	23 33	23 32	9 53	16 27	2 37
T 19	9 26	7 43	4 58	0 26	2 41	6 52	1 21	15 22	1 35	23 51	0 22	18 16	1 26	1 17	0 41	22 29	0 42	5 45	12 55	23 33	23 32	9 51	16 28	2 37
W20	9 4	12 14	4 40	0 8	2 53	6 22	1 20	15 28	1 35	23 51	0 22	18 17	1 26	1 16	0 41	22 29	0 42	5 45	12 55	23 33	23 32	9 48	16 28	2 37
T 21	8 41	16 18	4 9	0n 7	3 3	5 51	1 19	15 35	1 34	23 51	0 22	18 19	1 26	1 14	0 41	22 29	0 42	5 44	12 56	23 33	23 32	9 45	16 29	2 37
F 22	8 19	19 43	3 25	0 16	3 13	5 21	1 18	15 41	1 34	23 51	0 22	18 20	1 26	1 13	0 41	22 29	0 42	5 44	12 56	23 33	23 32	9 43	16 29	2 37
S 23	7 56	22 14	2 31	0 22	3 21	4 51	1 17	15 47	1 33	23 51	0 22	18 21	1 26	1 12	0 41	22 29	0 42	5 44	12 56	23 33	23 32	9 40	16 30	2 36
S 24	7 34	23 39	1 27	0 22	3 28	4 20	1 16	15 52	1 33	23 51	0 22	18 22	1 26	1 10	0 41	22 29	0 42	5 43	12 57	23 33	23 32	9 37	16 31	2 36
M25	7 11	23 44	0 16	0 19	3 33	3 49	1 15	15 58	1 32	23 51	0 22	18 23	1 26	1 9	0 41	22 29	0 42	5 43	12 57	23 33	23 32	9 35	16 31	2 36
T 26	6 48	22 21	0n57	0 10	3 36	3 19	1 14	16 4	1 32	23 51	0 22	18 24	1 26	1 8	0 41	22 28	0 42	5 42	12 58	23 33	23 32	9 32	16 32	2 36
W27	6 25	19 31	2 9	0s 2	3 38	2 48	1 13	16 9	1 31	23 52	0 22	18 25	1 26	1 6	0 41	22 28	0 42	5 42	12 58	23 33	23 32	9 29	16 32	2 36
T 28	6s 2	15s22	3n14	0s18	3n38	2s17	1s11	16s14	1n31	23n52	0n22	18n27	1n26	1s 5	0s41	22s28	0n42	5s42	12n58	23s33	23s32	9n27	16n33	2s36

Julian Day Number = 2088530.5, Delta T = 23m54s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'14, Lahiri = 10°00'14 Julian Calendar 1 Feb. 1006 == Greg. Calendar 7 Feb. 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

MARCH 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 55 18	15♓45'01	22♒32	20°R 6	28♓16	19♏46	4♋34	12°R43	28♓55	10♑21	21°R29	27°R21	26♐45	24♌16	24♉50	F 1
S 2	10 59 15	16°44'32	7♓45	19♓17	29°30	20° 3	4°35	12♌39	28°58	10°22	21♏29	27♐12	26°42	24°23	24°53	S 2
S 3	11 3 11	17°44'02	22°58	18°26	0♈45	20°19	4°36	12°36	29° 2	10°23	21°29	27° 0	26°39	24°30	24°55	S 3
M 4	11 7 8	18°43'29	8♈ 0	17°33	1°59	20°35	4°38	12°32	29° 5	10°24	21°28	26°49	26°36	24°37	24°58	M 4
T 5	11 11 5	19°42'54	22°42	16°40	3°13	20°50	4°40	12°29	29° 9	10°25	21°28	26°39	26°32	24°43	25° 0	T 5
W 6	11 15 1	20°42'17	6♉57	15°47	4°28	21° 5	4°41	12°25	29°12	10°26	21°27	26°31	26°29	24°50	25° 3	W 6
T 7	11 18 58	21°41'37	20°42	14°57	5°42	21°19	4°44	12°22	29°15	10°27	21°26	26°26	26°26	24°57	25° 6	T 7
F 8	11 22 54	22°40'56	3♊57	14° 9	6°56	21°33	4°46	12°19	29°19	10°28	21°26	26°23	26°23	25° 3	25° 8	F 8
S 9	11 26 51	23°40'11	16°46	13°24	8°10	21°46	4°48	12°16	29°22	10°29	21°25	26°22	26°20	25°10	25°11	S 9
S 10	11 30 47	24°39'25	29°12	12°44	9°25	21°58	4°51	12°13	29°26	10°30	21°25	26°22	26°17	25°17	25°14	S 10
M11	11 34 44	25°38'36	11♋22	12° 9	10°39	22°11	4°54	12°10	29°29	10°31	21°24	26°22	26°13	25°24	25°17	M11
T 12	11 38 40	26°37'45	23°20	11°38	11°53	22°22	4°57	12° 8	29°33	10°32	21°23	26°20	26°10	25°30	25°20	T 12
W13	11 42 37	27°36'51	5♌12	11°13	13° 7	22°33	5° 0	12° 5	29°36	10°33	21°22	26°16	26° 7	25°37	25°23	W13
T 14	11 46 34	28°35'55	17° 1	10°53	14°21	22°44	5° 4	12° 2	29°39	10°34	21°22	26° 8	26° 4	25°44	25°26	T 14
F 15	11 50 30	29°34'57	28°51	10°39	15°35	22°54	5° 7	12° 0	29°43	10°34	21°21	25°59	26° 1	25°50	25°29	F 15
S 16	11 54 27	0♈33'57	10♍46	10°31	16°49	23° 3	5°11	11°57	29°46	10°35	21°20	25°46	25°58	25°57	25°32	S 16
S 17	11 58 23	1°32'54	22°46	10°D28	18° 3	23°12	5°15	11°55	29°50	10°36	21°19	25°33	25°54	26° 4	25°35	S 17
M18	12 2 20	2°31'49	4♎54	10°31	19°17	23°20	5°19	11°53	29°53	10°36	21°18	25°19	25°51	26°10	25°38	M18
T 19	12 6 16	3°30'43	17°10	10°39	20°31	23°27	5°23	11°51	29°57	10°37	21°17	25° 5	25°48	26°17	25°42	T 19
W20	12 10 13	4°29'34	29°35	10°52	21°45	23°34	5°28	11°49	0♈ 0	10°38	21°16	24°54	25°45	26°24	25°45	W20
T 21	12 14 9	5°28'23	12♏ 9	11°10	22°59	23°40	5°32	11°47	0° 3	10°38	21°15	24°45	25°42	26°31	25°48	T 21
F 22	12 18 6	6°27'11	24°55	11°32	24°13	23°46	5°37	11°45	0° 7	10°39	21°14	24°39	25°38	26°37	25°52	F 22
S 23	12 22 2	7°25'57	7♐52	12° 0	25°26	23°51	5°42	11°43	0°10	10°39	21°13	24°36	25°35	26°44	25°55	S 23
S 24	12 25 59	8°24'41	21° 5	12°31	26°40	23°55	5°47	11°42	0°14	10°40	21°12	24°D35	25°32	26°51	25°59	S 24
M25	12 29 56	9°23'23	4♑34	13° 7	27°54	23°59	5°53	11°40	0°17	10°40	21°11	24°R35	25°29	26°57	26° 2	M25
T 26	12 33 52	10°22'04	18°21	13°46	29° 8	24° 1	5°58	11°39	0°21	10°41	21°10	24°35	25°26	27° 4	26° 6	T 26
W27	12 37 49	11°20'43	2♒29	14°30	0♉21	24° 4	6° 3	11°38	0°24	10°41	21° 9	24°34	25°23	27°11	26°10	W27
T 28	12 41 45	12°19'20	16°55	15°17	1°35	24° 5	6° 9	11°36	0°27	10°42	21° 8	24°30	25°19	27°17	26°13	T 28
F 29	12 45 42	13°17'55	1♓37	16° 7	2°49	24°R 6	6°15	11°35	0°31	10°42	21° 6	24°24	25°16	27°24	26°17	F 29
S 30	12 49 38	14°16'29	16°30	17° 0	4° 2	24° 5	6°21	11°34	0°34	10°42	21° 5	24°15	25°13	27°31	26°21	S 30
S 31	12 53 35	15♈15'01	1♈25	17♓57	5♉16	24♏ 5	6♋27	11♌33	0♈37	10♑42	21♏ 4	24♐ 5	25♐10	27♌38	26♉25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s39	10s11	4n 8	0s38	3n36	1s46	1s10	16s20	1n30	23n52	0n22	18n28	1n26	1s 4	0s41	22s28	0n42	5s41	12n59	23s32	23s32	9n24	16n33	2s36
S 2	5 16	4 19	4 44	1 1	3 32	1 15	1 8	16 25	1 29	23 52	0 22	18 29	1 26	1 2	0 41	22 28	0 42	5 41	12 59	23 32	23 32	9 21	16 34	2 36
S 3	4 52	1n47	5 0	1 27	3 26	0 43	1 7	16 30	1 29	23 52	0 22	18 30	1 26	1 1	0 41	22 28	0 42	5 40	12 59	23 32	23 32	9 19	16 35	2 36
M 4	4 29	7 42	4 55	1 54	3 18	0 12	1 5	16 35	1 28	23 52	0 22	18 31	1 26	1 0	0 41	22 28	0 42	5 40	12 59	23 32	23 31	9 16	16 35	2 36
T 5	4 6	13 3	4 31	2 24	3 9	0n19	1 4	16 39	1 27	23 52	0 22	18 32	1 26	0 58	0 41	22 28	0 42	5 39	13 0	23 32	23 31	9 14	16 36	2 36
W 6	3 42	17 31	3 50	2 54	2 58	0 50	1 2	16 44	1 26	23 52	0 23	18 32	1 26	0 57	0 41	22 28	0 42	5 39	13 0	23 31	23 31	9 11	16 37	2 36
T 7	3 19	20 51	2 57	3 24	2 46	1 21	1 0	16 48	1 26	23 52	0 23	18 33	1 26	0 56	0 41	22 28	0 42	5 39	13 0	23 31	23 31	9 8	16 37	2 36
F 8	2 55	22 57	1 56	3 55	2 33	1 52	0 58	16 53	1 25	23 51	0 23	18 34	1 26	0 54	0 41	22 27	0 42	5 38	13 1	23 31	23 31	9 6	16 38	2 35
S 9	2 32	23 45	0 51	4 25	2 19	2 24	0 57	16 57	1 24	23 51	0 23	18 35	1 26	0 53	0 41	22 27	0 42	5 38	13 1	23 31	23 31	9 3	16 39	2 35
S 10	2 8	23 19	0s15	4 54	2 4	2 55	0 55	17 1	1 23	23 51	0 23	18 36	1 26	0 51	0 41	22 27	0 42	5 37	13 1	23 31	23 31	9 0	16 40	2 35
M11	1 44	21 46	1 18	5 22	1 49	3 26	0 53	17 5	1 22	23 51	0 23	18 37	1 26	0 50	0 41	22 27	0 42	5 37	13 2	23 31	23 31	8 58	16 40	2 35
T 12	1 21	19 17	2 17	5 48	1 34	3 57	0 51	17 9	1 21	23 51	0 23	18 37	1 26	0 49	0 41	22 27	0 42	5 36	13 2	23 31	23 31	8 55	16 41	2 35
W13	0 57	16 0	3 10	6 12	1 18	4 27	0 49	17 13	1 20	23 51	0 23	18 38	1 26	0 47	0 41	22 27	0 42	5 36	13 2	23 31	23 31	8 52	16 42	2 35
T 14	0 34	12 7	3 54	6 34	1 2	4 58	0 47	17 17	1 19	23 51	0 23	18 39	1 26	0 46	0 41	22 27	0 42	5 35	13 3	23 31	23 31	8 50	16 43	2 35
F 15	0 10	7 45	4 27	6 53	0 47	5 29	0 45	17 20	1 18	23 51	0 23	18 40	1 26	0 45	0 41	22 27	0 42	5 35	13 3	23 30	23 30	8 47	16 43	2 35
S 16	0n14	3 6	4 50	7 11	0 32	5 59	0 43	17 24	1 17	23 51	0 23	18 40	1 26	0 43	0 41	22 27	0 42	5 34	13 3	23 30	23 30	8 44	16 44	2 35
S 17	0 37	1s42	4 59	7 26	0 17	6 30	0 40	17 27	1 16	23 51	0 23	18 41	1 26	0 42	0 41	22 27	0 42	5 34	13 3	23 30	23 30	8 42	16 45	2 35
M18	1 1	6 28	4 56	7 38	0 2	7 0	0 38	17 30	1 15	23 51	0 23	18 41	1 26	0 40	0 41	22 27	0 42	5 33	13 4	23 29	23 30	8 39	16 46	2 35
T 19	1 24	11 3	4 38	7 48	0s12	7 30	0 36	17 33	1 13	23 51	0 23	18 42	1 26	0 39	0 41	22 27	0 42	5 33	13 4	23 29	23 30	8 36	16 47	2 35
W20	1 48	15 14	4 7	7 56	0 26	8 0	0 34	17 36	1 12	23 50	0 23	18 42	1 26	0 38	0 41	22 27	0 42	5 33	13 4	23 28	23 30	8 34	16 48	2 35
T 21	2 11	18 48	3 24	8 1	0 39	8 30	0 31	17 39	1 11	23 50	0 23	18 43	1 26	0 36	0 41	22 26	0 42	5 32	13 4	23 28	23 30	8 31	16 48	2 35
F 22	2 35	21 31	2 30	8 4	0 51	8 59	0 29	17 42	1 10	23 50	0 23	18 43	1 26	0 35	0 41	22 26	0 42	5 32	13 5	23 28	23 30	8 28	16 49	2 35
S 23	2 58	23 11	1 27	8 4	1 3	9 29	0 26	17 44	1 8	23 50	0 23	18 44	1 25	0 34	0 41	22 26	0 42	5 31	13 5	23 27	23 30	8 26	16 50	2 35
S 24	3 21	23 35	0 19	8 2	1 14	9 58	0 24	17 47	1 7	23 50	0 23	18 44	1 25	0 32	0 41	22 26	0 42	5 31	13 5	23 27	23 30	8 23	16 51	2 35
M25	3 44	22 37	0n53	7 58	1 25	10 27	0 22	17 49	1 5	23 50	0 23	18 45	1 25	0 31	0 41	22 26	0 42	5 30	13 5	23 27	23 29	8 20	16 52	2 35
T 26	4 8	20 17	2 2	7 52	1 35	10 55	0 19	17 51	1 4	23 49	0 23	18 45	1 25	0 29	0 41	22 26	0 42	5 30	13 6	23 27	23 29	8 18	16 53	2 35
W27	4 31	16 41	3 6	7 44	1 44	11 24	0 17	17 53	1 2	23 49	0 23	18 45	1 25	0 28	0 41	22 26	0 42	5 29	13 6	23 27	23 29	8 15	16 54	2 35
T 28	4 54	12 2	4 0	7 33	1 52	11 52	0 14	17 55	1 1	23 49	0 23	18 46	1 25	0 27	0 41	22 26	0 42	5 29	13 6	23 27	23 29	8 12	16 54	2 35
F 29	5 17	6 37	4 39	7 21	2 0	12 20	0 12	17 57	0 59	23 49	0 24	18 46	1 25	0 25	0 41	22 26	0 42	5 28	13 6	23 27	23 29	8 10	16 55	2 34
S 30	5 39	0 46	4 59	7 7	2 8	12 47	0 9	17 58	0 57	23 48	0 24	18 46	1 25	0 24	0 41	22 26	0 42	5 28	13 6	23 27	23 29	8 7	16 56	2 34
S 31	6n 2	5n 9	5n 0	6s51	2s14	13n15	0s 6	18s 0	0n55	23n48	0n24	18n46	1n25	0s23	0s41	22s26	0n42	5s27	13n 7	23s26	23s29	8n 4	16n57	2s34

Julian Day Number = 2088558.5, Delta T = 23m53s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'18, Lahiri = 10°00'18 Julian Calendar 1 March 1006 == Greg. Calendar 7 March 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

APRIL 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 57 31	16♈13'30	16♈14	18♓57	6♉29	24°R 3	6♋34	11°R33	0♈41	10♎43	21°R 3	23°R55	25♐ 7	27♌44	26♉28	M 1
T 2	13 1 28	17°11'59	0♉48	19°59	7°43	24♏ 1	6°40	11♌32	0°44	10°43	21♏ 1	23♐45	25° 4	27°51	26°32	T 2
W 3	13 5 25	18°10'25	14°59	21° 4	8°56	23°57	6°47	11°31	0°47	10°43	21° 0	23°38	25° 0	27°58	26°36	W 3
T 4	13 9 21	19° 8'49	28°45	22°11	10°10	23°54	6°54	11°31	0°51	10°43	20°59	23°33	24°57	28° 4	26°40	T 4
F 5	13 13 18	20° 7'11	12♊ 3	23°22	11°23	23°49	7° 0	11°31	0°54	10°43	20°57	23°30	24°54	28°11	26°44	F 5
S 6	13 17 14	21° 5'31	24°56	24°34	12°36	23°43	7° 8	11°30	0°57	10°43	20°56	23°D30	24°51	28°18	26°48	S 6
S 7	13 21 11	22° 3'49	7♋26	25°49	13°50	23°37	7°15	11°30	1° 1	10°R43	20°55	23°30	24°48	28°25	26°52	S 7
M 8	13 25 7	23° 2'05	19°39	27° 6	15° 3	23°30	7°22	11°D30	1° 4	10°43	20°53	23°R31	24°44	28°31	26°57	M 8
T 9	13 29 4	24° 0'18	1♌39	28°25	16°16	23°23	7°29	11°30	1° 7	10°43	20°52	23°31	24°41	28°38	27° 1	T 9
W10	13 33 0	24°58'30	13°32	29°47	17°29	23°14	7°37	11°31	1°10	10°43	20°51	23°29	24°38	28°45	27° 5	W10
T 11	13 36 57	25°56'40	25°23	1♈11	18°43	23° 5	7°45	11°31	1°13	10°43	20°49	23°24	24°35	28°51	27° 9	T 11
F 12	13 40 54	26°54'47	7♍16	2°36	19°56	22°55	7°53	11°31	1°17	10°43	20°48	23°18	24°32	28°58	27°13	F 12
S 13	13 44 50	27°52'53	19°14	4° 4	21° 9	22°44	8° 1	11°32	1°20	10°43	20°46	23°10	24°29	29° 5	27°18	S 13
S 14	13 48 47	28°50'56	1♎21	5°34	22°22	22°33	8° 9	11°32	1°23	10°43	20°45	23° 0	24°25	29°12	27°22	S 14
M15	13 52 43	29°48'58	13°38	7° 6	23°35	22°21	8°17	11°33	1°26	10°42	20°43	22°50	24°22	29°18	27°26	M15
T 16	13 56 40	0♉46'58	26° 7	8°39	24°48	22° 8	8°25	11°34	1°29	10°42	20°42	22°41	24°19	29°25	27°31	T 16
W17	14 0 36	1°44'57	8♏48	10°15	26° 1	21°55	8°34	11°35	1°32	10°42	20°40	22°33	24°16	29°32	27°35	W17
T 18	14 4 33	2°42'54	21°41	11°53	27°14	21°41	8°42	11°36	1°35	10°41	20°39	22°27	24°13	29°38	27°39	T 18
F 19	14 8 29	3°40'49	4♐46	13°33	28°27	21°26	8°51	11°37	1°38	10°41	20°37	22°23	24° 9	29°45	27°44	F 19
S 20	14 12 26	4°38'43	18° 2	15°14	29°39	21°11	9° 0	11°38	1°41	10°41	20°35	22°D22	24° 6	29°52	27°48	S 20
S 21	14 16 22	5°36'36	1♑30	16°58	0♊52	20°55	9° 9	11°40	1°44	10°40	20°34	22°22	24° 3	29°58	27°53	S 21
M22	14 20 19	6°34'27	15°10	18°44	2° 5	20°38	9°18	11°41	1°47	10°40	20°32	22°23	24° 0	0♍ 5	27°57	M22
T 23	14 24 16	7°32'17	29° 2	20°31	3°18	20°21	9°27	11°42	1°50	10°39	20°31	22°24	23°57	0°12	28° 2	T 23
W24	14 28 12	8°30'06	13♒ 6	22°21	4°30	20° 3	9°36	11°44	1°53	10°39	20°29	22°R25	23°54	0°19	28° 6	W24
T 25	14 32 9	9°27'54	27°21	24°12	5°43	19°45	9°46	11°46	1°56	10°38	20°28	22°23	23°50	0°25	28°11	T 25
F 26	14 36 5	10°25'40	11♓45	26° 6	6°56	19°27	9°55	11°48	1°59	10°38	20°26	22°20	23°47	0°32	28°15	F 26
S 27	14 40 2	11°23'25	26°14	28° 1	8° 8	19° 8	10° 5	11°50	2° 2	10°37	20°24	22°15	23°44	0°39	28°20	S 27
S 28	14 43 58	12°21'10	10♈43	29°59	9°21	18°48	10°14	11°52	2° 5	10°36	20°23	22°10	23°41	0°45	28°25	S 28
M29	14 47 55	13°18'52	25° 6	1♉58	10°33	18°28	10°24	11°54	2° 7	10°36	20°21	22° 4	23°38	0°52	28°29	M29
T 30	14 51 51	14♉16'34	9♉18	3♉59	11♊46	18♏ 8	10♋34	11♌56	2♈10	10♎35	20♏19	21♐58	23♐35	0♍59	28♉34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	6n25	10n43	4n40	6s33	2s20	13n42	0s 4	18s 1	0n53	23n48	0n24	18n46	1n25	0s21	0s41	22s26	0n42	5s27	13n 7	23s26	23s29	8n 2	16n58	2s34	M 1
T 2	6 47	15 35	4 2	6 13	2 26	14 8	0 1	18 3	0 52	23 48	0 24	18 47	1 25	0 20	0 41	22 26	0 42	5 26	13 7	23 25	23 29	7 59	16 59	2 34	T 2
W 3	7 10	19 26	3 10	5 52	2 30	14 35	0n 1	18 4	0 50	23 47	0 24	18 47	1 25	0 19	0 41	22 26	0 42	5 26	13 7	23 25	23 28	7 56	17 0	2 34	W 3
T 4	7 32	22 4	2 8	5 29	2 35	15 0	0 4	18 5	0 48	23 47	0 24	18 47	1 25	0 17	0 41	22 26	0 42	5 25	13 7	23 25	23 28	7 54	17 1	2 34	T 4
F 5	7 54	23 22	1 1	5 4	2 38	15 26	0 7	18 5	0 46	23 47	0 24	18 47	1 25	0 16	0 41	22 26	0 42	5 25	13 7	23 24	23 28	7 51	17 2	2 34	F 5
S 6	8 16	23 21	0s 8	4 38	2 41	15 51	0 9	18 6	0 44	23 46	0 24	18 47	1 25	0 15	0 41	22 26	0 42	5 24	13 8	23 24	23 28	7 48	17 3	2 34	S 6
S 7	8 38	22 8	1 14	4 10	2 43	16 16	0 12	18 7	0 41	23 46	0 24	18 47	1 25	0 14	0 41	22 26	0 42	5 24	13 8	23 24	23 28	7 46	17 4	2 34	S 7
M 8	9 0	19 54	2 15	3 41	2 45	16 40	0 15	18 7	0 39	23 46	0 24	18 47	1 25	0 12	0 41	22 26	0 42	5 23	13 8	23 24	23 28	7 43	17 5	2 34	M 8
T 9	9 22	16 49	3 9	3 10	2 46	17 4	0 17	18 7	0 37	23 45	0 24	18 47	1 24	0 11	0 41	22 26	0 42	5 23	13 8	23 24	23 28	7 40	17 6	2 34	T 9
W10	9 43	13 6	3 55	2 38	2 47	17 28	0 20	18 7	0 35	23 45	0 24	18 46	1 24	0 10	0 41	22 26	0 42	5 22	13 8	23 24	23 28	7 38	17 6	2 34	W10
T 11	10 4	8 54	4 30	2 5	2 47	17 51	0 23	18 7	0 32	23 44	0 24	18 46	1 24	0 8	0 41	22 26	0 42	5 22	13 8	23 24	23 27	7 35	17 7	2 34	T 11
F 12	10 26	4 21	4 53	1 30	2 46	18 13	0 25	18 7	0 30	23 44	0 24	18 46	1 24	0 7	0 41	22 26	0 42	5 21	13 8	23 24	23 27	7 32	17 8	2 34	F 12
S 13	10 47	0s23	5 4	0 54	2 45	18 36	0 28	18 7	0 27	23 44	0 24	18 46	1 24	0 6	0 41	22 26	0 42	5 21	13 8	23 23	23 27	7 30	17 9	2 34	S 13
S 14	11 7	5 9	5 2	0 16	2 43	18 57	0 31	18 6	0 25	23 43	0 24	18 46	1 24	0 5	0 41	22 26	0 42	5 20	13 9	23 23	23 27	7 27	17 10	2 34	S 14
M15	11 28	9 47	4 46	0n22	2 41	19 18	0 33	18 6	0 22	23 43	0 24	18 45	1 24	0 3	0 41	22 26	0 42	5 20	13 9	23 22	23 27	7 24	17 11	2 34	M15
T 16	11 48	14 6	4 15	1 2	2 38	19 39	0 36	18 5	0 20	23 42	0 24	18 45	1 24	0 2	0 41	22 26	0 42	5 20	13 9	23 22	23 27	7 22	17 12	2 34	T 16
W17	12 9	17 51	3 32	1 43	2 34	19 59	0 39	18 4	0 17	23 42	0 24	18 45	1 24	0 1	0 41	22 26	0 42	5 19	13 9	23 21	23 27	7 19	17 13	2 34	W17
T 18	12 29	20 49	2 37	2 25	2 30	20 19	0 41	18 3	0 14	23 41	0 24	18 44	1 24	0n 0	0 41	22 26	0 42	5 19	13 9	23 21	23 26	7 16	17 14	2 34	T 18
F 19	12 49	22 44	1 33	3 8	2 26	20 38	0 44	18 2	0 11	23 41	0 24	18 44	1 24	0 1	0 41	22 26	0 42	5 18	13 9	23 21	23 26	7 14	17 15	2 34	F 19
S 20	13 8	23 25	0 23	3 52	2 21	20 57	0 47	18 1	0 9	23 40	0 24	18 44	1 24	0 3	0 41	22 26	0 42	5 18	13 9	23 21	23 26	7 11	17 16	2 34	S 20
S 21	13 28	22 44	0n49	4 37	2 15	21 15	0 49	17 59	0 6	23 39	0 24	18 43	1 24	0 4	0 41	22 26	0 42	5 17	13 9	23 21	23 26	7 8	17 17	2 34	S 21
M22	13 47	20 43	2 0	5 23	2 9	21 32	0 52	17 58	0 3	23 39	0 24	18 43	1 24	0 5	0 41	22 26	0 42	5 17	13 9	23 21	23 26	7 6	17 18	2 34	M22
T 23	14 6	17 27	3 5	6 10	2 2	21 49	0 54	17 56	0s 0	23 38	0 25	18 42	1 24	0 6	0 41	22 26	0 42	5 16	13 9	23 21	23 26	7 3	17 19	2 34	T 23
W24	14 25	13 8	4 0	6 58	1 55	22 5	0 57	17 54	0 3	23 38	0 25	18 42	1 23	0 7	0 41	22 26	0 42	5 16	13 9	23 21	23 26	7 0	17 20	2 35	W24
T 25	14 43	8 4	4 40	7 46	1 48	22 21	0 59	17 52	0 6	23 37	0 25	18 41	1 23	0 8	0 41	22 26	0 42	5 16	13 9	23 21	23 25	6 58	17 21	2 35	T 25
F 26	15 2	2 30	5 4	8 35	1 40	22 36	1 2	17 50	0 9	23 36	0 25	18 41	1 23	0 10	0 41	22 26	0 42	5 15	13 9	23 21	23 25	6 55	17 22	2 35	F 26
S 27	15 20	3n13	5 9	9 24	1 31	22 50	1 4	17 48	0 12	23 36	0 25	18 40	1 23	0 11	0 41	22 26	0 42	5 15	13 9	23 20	23 25	6 52	17 23	2 35	S 27
S 28	15 38	8 45	4 53	10 14	1 22	23 4	1 6	17 45	0 15	23 35	0 25	18 39	1 23	0 12	0 41	22 26	0 42	5 14	13 9	23 20	23 25	6 50	17 24	2 35	S 28
M29	15 55	13 47	4 20	11 5	1 13	23 17	1 9	17 43	0 18	23 34	0 25	18 39	1 23	0 13	0 41	22 26	0 42	5 14	13 9	23 20	23 25	6 47	17 25	2 35	M29
T 30	16n13	17n59	3n31	11n55	1s 4	23n29	1n11	17s40	0s21	23n33	0n25	18n38	1n23	0n14	0s41	22s26	0n42	5s14	13n 9	23s19	23s25	6n44	17n26	2s35	T 30

Julian Day Number = 2088589.5, Delta T = 23m53s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'22, Lahiri = 10°00'22 Julian Calendar 1 Apr. 1006 == Greg. Calendar 7 Apr. 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

MAY 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 55 48	15♉14'15	23♉12	6♉ 2	12♊58	17°R48	10♋44	11♌59	2♈13	10°R34	20°R18	21°R54	23♐31	1♍ 6	28♉39	W 1
T 2	14 59 45	16°11'54	6♊46	8° 7	14°10	17♏28	10°54	12° 1	2°16	10♑34	20♏16	21♐51	23°28	1°12	28°43	T 2
F 3	15 3 41	17° 9'31	19°59	10°13	15°23	17° 7	11° 4	12° 4	2°18	10°33	20°15	21°D50	23°25	1°19	28°48	F 3
S 4	15 7 38	18° 7'08	2♋49	12°20	16°35	16°46	11°14	12° 6	2°21	10°32	20°13	21°51	23°22	1°26	28°53	S 4
S 5	15 11 34	19° 4'43	15°20	14°29	17°47	16°25	11°25	12° 9	2°24	10°31	20°11	21°52	23°19	1°32	28°57	S 5
M 6	15 15 31	20° 2'16	27°35	16°39	18°59	16° 5	11°35	12°12	2°26	10°30	20°10	21°54	23°15	1°39	29° 2	M 6
T 7	15 19 27	20°59'48	9♌38	18°50	20°12	15°44	11°45	12°15	2°29	10°29	20° 8	21°55	23°12	1°46	29° 7	T 7
W 8	15 23 24	21°57'19	21°33	21° 1	21°24	15°23	11°56	12°18	2°31	10°29	20° 6	21°R56	23° 9	1°53	29°12	W 8
T 9	15 27 20	22°54'48	3♍25	23°13	22°36	15° 2	12° 7	12°21	2°34	10°28	20° 5	21°55	23° 6	1°59	29°16	T 9
F 10	15 31 17	23°52'16	15°20	25°25	23°48	14°42	12°18	12°24	2°36	10°27	20° 3	21°53	23° 3	2° 6	29°21	F 10
S 11	15 35 14	24°49'42	27°21	27°37	25° 0	14°22	12°28	12°27	2°39	10°26	20° 1	21°50	23° 0	2°13	29°26	S 11
S 12	15 39 10	25°47'07	9♎32	29°48	26°12	14° 2	12°39	12°31	2°41	10°25	20° 0	21°47	22°56	2°19	29°31	S 12
M13	15 43 7	26°44'32	21°57	1♊58	27°23	13°42	12°50	12°34	2°43	10°24	19°58	21°43	22°53	2°26	29°35	M13
T 14	15 47 3	27°41'54	4♏36	4° 8	28°35	13°22	13° 1	12°38	2°46	10°23	19°56	21°39	22°50	2°33	29°40	T 14
W15	15 51 0	28°39'16	17°32	6°16	29°47	13° 3	13°12	12°41	2°48	10°21	19°55	21°36	22°47	2°40	29°45	W15
T 16	15 54 56	29°36'38	0♐45	8°23	0♋59	12°45	13°24	12°45	2°50	10°20	19°53	21°34	22°44	2°46	29°50	T 16
F 17	15 58 53	0♊33'58	14°12	10°29	2°10	12°27	13°35	12°49	2°52	10°19	19°52	21°32	22°41	2°53	29°54	F 17
S 18	16 2 49	1°31'17	27°53	12°32	3°22	12° 9	13°46	12°53	2°54	10°18	19°50	21°D32	22°37	3° 0	29°59	S 18
S 19	16 6 46	2°28'36	11♑46	14°34	4°33	11°52	13°58	12°57	2°57	10°17	19°48	21°33	22°34	3° 6	0♊ 4	S 19
M20	16 10 43	3°25'54	25°48	16°34	5°45	11°35	14° 9	13° 1	2°59	10°16	19°47	21°34	22°31	3°13	0° 9	M20
T 21	16 14 39	4°23'12	9♒56	18°31	6°56	11°19	14°21	13° 5	3° 1	10°14	19°45	21°36	22°28	3°20	0°14	T 21
W22	16 18 36	5°20'29	24° 8	20°26	8° 8	11° 4	14°32	13° 9	3° 3	10°13	19°44	21°36	22°25	3°27	0°18	W22
T 23	16 22 32	6°17'46	8♓22	22°19	9°19	10°49	14°44	13°14	3° 5	10°12	19°42	21°R37	22°21	3°33	0°23	T 23
F 24	16 26 29	7°15'02	22°35	24°10	10°30	10°35	14°56	13°18	3° 7	10°11	19°40	21°36	22°18	3°40	0°28	F 24
S 25	16 30 25	8°12'18	6♈46	25°58	11°42	10°22	15° 8	13°23	3° 8	10° 9	19°39	21°35	22°15	3°47	0°33	S 25
S 26	16 34 22	9° 9'34	20°50	27°44	12°53	10° 9	15°19	13°27	3°10	10° 8	19°37	21°34	22°12	3°53	0°37	S 26
M27	16 38 19	10° 6'49	4♉45	29°27	14° 4	9°57	15°31	13°32	3°12	10° 7	19°36	21°32	22° 9	4° 0	0°42	M27
T 28	16 42 15	11° 4'04	18°29	1♋ 8	15°15	9°46	15°43	13°37	3°14	10° 5	19°34	21°31	22° 6	4° 7	0°47	T 28
W29	16 46 12	12° 1'19	1♊59	2°47	16°26	9°35	15°55	13°41	3°16	10° 4	19°33	21°30	22° 2	4°14	0°52	W29
T 30	16 50 8	12°58'33	15°13	4°23	17°37	9°26	16° 7	13°46	3°17	10° 3	19°31	21°D30	21°59	4°20	0°56	T 30
F 31	16 54 5	13♊55'47	28♊11	5♋56	18♋48	9♏17	16♋20	13♌51	3♈19	10♑ 1	19♏30	21♐30	21♐56	4♍27	1♊ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n30	21n 5	2n29	12n46	0s54	23n41	1n13	17s37	0s25	23n33	0n25	18n37	1n23	0n15	0s41	22s26	0n42	5s13	13n 9	23s19	23s24	6n42	17n27	2s35
T 2	16 46	22 53	1 21	13 36	0 44	23 52	1 16	17 35	0 28	23 32	0 25	18 36	1 23	0 16	0 42	22 26	0 42	5 13	13 9	23 19	23 24	6 39	17 28	2 35
F 3	17 3	23 21	0 10	14 26	0 33	24 3	1 18	17 32	0 31	23 31	0 25	18 36	1 23	0 17	0 42	22 26	0 42	5 13	13 9	23 19	23 24	6 36	17 29	2 35
S 4	17 19	22 33	1s 0	15 16	0 23	24 13	1 20	17 29	0 34	23 30	0 25	18 35	1 23	0 18	0 42	22 26	0 43	5 12	13 9	23 19	23 24	6 34	17 30	2 35
S 5	17 35	20 37	2 5	16 5	0 12	24 22	1 22	17 26	0 37	23 29	0 25	18 34	1 23	0 19	0 42	22 27	0 43	5 12	13 9	23 19	23 24	6 31	17 31	2 35
M 6	17 51	17 46	3 3	16 53	0 2	24 30	1 24	17 23	0 40	23 29	0 25	18 33	1 23	0 20	0 42	22 27	0 43	5 12	13 9	23 19	23 24	6 28	17 32	2 35
T 7	18 6	14 12	3 52	17 40	0n 9	24 38	1 26	17 20	0 44	23 28	0 25	18 32	1 23	0 21	0 42	22 27	0 43	5 11	13 9	23 19	23 24	6 26	17 33	2 35
W 8	18 21	10 8	4 30	18 25	0 19	24 45	1 28	17 17	0 47	23 27	0 25	18 31	1 23	0 22	0 42	22 27	0 43	5 11	13 9	23 19	23 23	6 23	17 34	2 35
T 9	18 36	5 41	4 57	19 9	0 30	24 51	1 30	17 14	0 50	23 26	0 25	18 30	1 22	0 23	0 42	22 27	0 43	5 11	13 8	23 19	23 23	6 20	17 35	2 35
F 10	18 50	1 2	5 11	19 52	0 40	24 57	1 32	17 11	0 53	23 25	0 25	18 29	1 22	0 24	0 42	22 27	0 43	5 10	13 8	23 19	23 23	6 18	17 35	2 35
S 11	19 5	3s42	5 12	20 32	0 50	25 2	1 34	17 8	0 56	23 24	0 25	18 28	1 22	0 25	0 42	22 27	0 43	5 10	13 8	23 19	23 23	6 15	17 36	2 35
S 12	19 18	8 22	4 58	21 10	0 59	25 6	1 35	17 5	0 59	23 23	0 25	18 27	1 22	0 26	0 42	22 27	0 43	5 10	13 8	23 19	23 23	6 12	17 37	2 36
M13	19 32	12 46	4 31	21 46	1 8	25 10	1 37	17 2	1 2	23 22	0 25	18 26	1 22	0 27	0 42	22 27	0 43	5 9	13 8	23 18	23 23	6 10	17 38	2 36
T 14	19 45	16 44	3 50	22 20	1 16	25 12	1 39	16 59	1 5	23 21	0 25	18 25	1 22	0 28	0 42	22 27	0 43	5 9	13 8	23 18	23 22	6 7	17 39	2 36
W15	19 58	19 58	2 56	22 51	1 24	25 14	1 40	16 56	1 8	23 20	0 25	18 24	1 22	0 29	0 42	22 27	0 43	5 9	13 8	23 18	23 22	6 4	17 40	2 36
T 16	20 11	22 14	1 52	23 19	1 31	25 16	1 42	16 53	1 11	23 19	0 26	18 23	1 22	0 30	0 42	22 27	0 43	5 9	13 8	23 18	23 22	6 2	17 41	2 36
F 17	20 23	23 18	0 40	23 45	1 38	25 16	1 43	16 50	1 14	23 18	0 26	18 22	1 22	0 30	0 42	22 27	0 43	5 8	13 7	23 18	23 22	5 59	17 42	2 36
S 18	20 35	22 58	0n35	24 8	1 44	25 16	1 45	16 47	1 17	23 17	0 26	18 21	1 22	0 31	0 42	22 27	0 43	5 8	13 7	23 18	23 22	5 56	17 43	2 36
S 19	20 46	21 14	1 49	24 28	1 49	25 15	1 46	16 45	1 20	23 15	0 26	18 19	1 22	0 32	0 42	22 28	0 43	5 8	13 7	23 18	23 21	5 54	17 44	2 36
M20	20 57	18 11	2 58	24 46	1 53	25 14	1 47	16 42	1 23	23 14	0 26	18 18	1 22	0 33	0 42	22 28	0 43	5 8	13 7	23 18	23 21	5 51	17 45	2 36
T 21	21 8	14 4	3 56	25 1	1 57	25 11	1 48	16 40	1 26	23 13	0 26	18 17	1 22	0 34	0 42	22 28	0 43	5 7	13 7	23 18	23 21	5 48	17 46	2 36
W22	21 18	9 8	4 40	25 13	2 0	25 8	1 49	16 37	1 28	23 12	0 26	18 16	1 22	0 35	0 42	22 28	0 43	5 7	13 7	23 18	23 21	5 46	17 46	2 36
T 23	21 29	3 43	5 7	25 23	2 2	25 4	1 50	16 35	1 31	23 11	0 26	18 14	1 22	0 35	0 42	22 28	0 43	5 7	13 6	23 18	23 21	5 43	17 47	2 37
F 24	21 38	1n53	5 16	25 30	2 4	25 0	1 51	16 33	1 33	23 9	0 26	18 13	1 22	0 36	0 42	22 28	0 43	5 7	13 6	23 18	23 21	5 40	17 48	2 37
S 25	21 48	7 21	5 5	25 35	2 5	24 55	1 52	16 31	1 36	23 8	0 26	18 12	1 22	0 37	0 42	22 28	0 43	5 7	13 6	23 18	23 20	5 37	17 49	2 37
S 26	21 57	12 25	4 36	25 37	2 5	24 49	1 53	16 30	1 38	23 7	0 26	18 10	1 21	0 37	0 42	22 28	0 43	5 6	13 6	23 18	23 20	5 35	17 50	2 37
M27	22 5	16 47	3 51	25 38	2 4	24 42	1 54	16 28	1 41	23 5	0 26	18 9	1 21	0 38	0 42	22 28	0 43	5 6	13 5	23 18	23 20	5 32	17 51	2 37
T 28	22 13	20 11	2 53	25 36	2 3	24 35	1 54	16 27	1 43	23 4	0 26	18 8	1 21	0 39	0 42	22 28	0 43	5 6	13 5	23 18	23 20	5 29	17 52	2 37
W29	22 21	22 24	1 46	25 33	2 0	24 27	1 55	16 26	1 46	23 3	0 26	18 6	1 21	0 39	0 42	22 28	0 43	5 6	13 5	23 18	23 20	5 27	17 53	2 37
T 30	22 29	23 19	0 35	25 27	1 58	24 18	1 55	16 25	1 48	23 1	0 26	18 5	1 21	0 40	0 42	22 29	0 43	5 6	13 5	23 18	23 19	5 24	17 53	2 37
F 31	22n36	22n56	0s37	25n20	1n54	24n 9	1n56	16s24	1s50	23n 0	0n26	18n 3	1n21	0n41	0s42	22s29	0n43	5s 6	13n 4	23s18	23s19	5n21	17n54	2s37

Julian Day Number = 2088619.5, Delta T = 23m52s
Ecliptic obliquity = 23°34'04, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'26, Lahiri = 10°00'27 Julian Calendar 1 May 1006 == Greg. Calendar 7 May 1006

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1006
geocentric

JUNE 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 58 1	14♊53'00	10♋52	7♋27	19♋59	9°R 9	16♋32	13♌56	3♈20	10°R 0	19°R28	21♐30	21♐53	4♍34	1♊ 6	S 1
S 2	17 1 58	15°50'13	23°18	8°56	21° 9	9♏ 2	16°44	14° 1	3°22	9♑58	19♏27	21°31	21°50	4°41	1°10	S 2
M 3	17 5 54	16°47'26	5♌31	10°22	22°20	8°55	16°56	14° 6	3°23	9°57	19°26	21°31	21°47	4°47	1°15	M 3
T 4	17 9 51	17°44'37	17°33	11°45	23°31	8°50	17° 9	14°12	3°25	9°55	19°24	21°32	21°43	4°54	1°20	T 4
W 5	17 13 48	18°41'49	29°28	13° 6	24°41	8°45	17°21	14°17	3°26	9°54	19°23	21°32	21°40	5° 1	1°24	W 5
T 6	17 17 44	19°38'59	11♍21	14°24	25°52	8°42	17°34	14°22	3°28	9°52	19°21	21°32	21°37	5° 7	1°29	T 6
F 7	17 21 41	20°36'09	23°16	15°39	27° 2	8°39	17°46	14°28	3°29	9°51	19°20	21°R32	21°34	5°14	1°34	F 7
S 8	17 25 37	21°33'19	5♎17	16°52	28°12	8°36	17°59	14°33	3°30	9°49	19°19	21°D32	21°31	5°21	1°38	S 8
S 9	17 29 34	22°30'29	17°29	18° 1	29°23	8°35	18°11	14°39	3°31	9°48	19°18	21°32	21°27	5°28	1°43	S 9
M10	17 33 30	23°27'38	29°56	19° 8	0♌33	8°D35	18°24	14°44	3°33	9°46	19°16	21°32	21°24	5°34	1°47	M10
T 11	17 37 27	24°24'47	12♏42	20°12	1°43	8°35	18°36	14°50	3°34	9°45	19°15	21°32	21°21	5°41	1°52	T 11
W12	17 41 23	25°21'55	25°47	21°13	2°53	8°36	18°49	14°56	3°35	9°43	19°14	21°33	21°18	5°48	1°57	W12
T 13	17 45 20	26°19'04	9♐14	22°11	4° 3	8°39	19° 2	15° 2	3°36	9°42	19°12	21°33	21°15	5°54	2° 1	T 13
F 14	17 49 17	27°16'12	23° 2	23° 5	5°13	8°41	19°14	15° 8	3°37	9°40	19°11	21°R33	21°12	6° 1	2° 6	F 14
S 15	17 53 13	28°13'21	7♑ 7	23°57	6°22	8°45	19°27	15°14	3°38	9°39	19°10	21°33	21° 8	6° 8	2°10	S 15
S 16	17 57 10	29°10'29	21°27	24°44	7°32	8°49	19°40	15°20	3°39	9°37	19° 9	21°32	21° 5	6°15	2°14	S 16
M17	18 1 6	0♋ 7'38	5♒56	25°28	8°42	8°55	19°53	15°26	3°40	9°35	19° 8	21°32	21° 2	6°21	2°19	M17
T 18	18 5 3	1° 4'47	20°28	26° 9	9°51	9° 1	20° 6	15°32	3°40	9°34	19° 7	21°31	20°59	6°28	2°23	T 18
W19	18 8 59	2° 1'57	4♓58	26°45	11° 0	9° 8	20°19	15°38	3°41	9°32	19° 6	21°30	20°56	6°35	2°28	W19
T 20	18 12 56	2°59'06	19°22	27°17	12°10	9°15	20°31	15°44	3°42	9°31	19° 5	21°29	20°53	6°41	2°32	T 20
F 21	18 16 52	3°56'17	3♈35	27°46	13°19	9°23	20°44	15°50	3°43	9°29	19° 3	21°D29	20°49	6°48	2°36	F 21
S 22	18 20 49	4°53'28	17°36	28°10	14°28	9°32	20°57	15°57	3°43	9°27	19° 2	21°29	20°46	6°55	2°41	S 22
S 23	18 24 46	5°50'40	1♉24	28°30	15°37	9°42	21°10	16° 3	3°44	9°26	19° 1	21°30	20°43	7° 2	2°45	S 23
M24	18 28 42	6°47'52	14°57	28°45	16°46	9°53	21°23	16° 9	3°44	9°24	19° 0	21°31	20°40	7° 8	2°49	M24
T 25	18 32 39	7°45'05	28°16	28°55	17°55	10° 4	21°37	16°16	3°45	9°23	19° 0	21°32	20°37	7°15	2°53	T 25
W26	18 36 35	8°42'19	11♊21	29° 1	19° 4	10°16	21°50	16°22	3°45	9°21	18°59	21°33	20°33	7°22	2°57	W26
T 27	18 40 32	9°39'33	24°13	29°R 2	20°12	10°28	22° 3	16°29	3°46	9°19	18°58	21°R33	20°30	7°28	3° 1	T 27
F 28	18 44 28	10°36'48	6♋52	28°58	21°21	10°41	22°16	16°35	3°46	9°18	18°57	21°32	20°27	7°35	3° 6	F 28
S 29	18 48 25	11°34'03	19°20	28°49	22°29	10°55	22°29	16°42	3°46	9°16	18°56	21°31	20°24	7°42	3°10	S 29
S 30	18 52 22	12♋31'19	1♌36	28♋35	23♌38	11♏10	22♋42	16♌49	3♈46	9♑14	18♏55	21♐28	20♐21	7♍49	3♊14	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n42	21n22	1s45	25n11	1n50	23n59	1n56	16s24	1s52	22n58	0n26	18n 2	1n21	0n41	0s42	22s29	0n43	5s 6	13n 4	23s18	23s19	5n19	17n55	2s38
S 2	22 49	18 48	2 47	25 1	1 45	23 48	1 56	16 23	1 54	22 57	0 26	18 0	1 21	0 42	0 42	22 29	0 43	5 6	13 4	23 18	23 19	5 16	17 56	2 38
M 3	22 54	15 26	3 40	24 49	1 40	23 37	1 56	16 23	1 56	22 56	0 26	17 59	1 21	0 42	0 42	22 29	0 43	5 5	13 4	23 18	23 19	5 13	17 57	2 38
T 4	23 0	11 29	4 23	24 36	1 34	23 25	1 56	16 23	1 58	22 54	0 27	17 57	1 21	0 43	0 42	22 29	0 43	5 5	13 3	23 18	23 18	5 11	17 58	2 38
W 5	23 5	7 8	4 54	24 22	1 27	23 13	1 56	16 24	2 0	22 52	0 27	17 55	1 21	0 44	0 42	22 29	0 43	5 5	13 3	23 18	23 18	5 8	17 58	2 38
T 6	23 10	2 32	5 12	24 6	1 20	22 59	1 56	16 24	2 2	22 51	0 27	17 54	1 21	0 44	0 42	22 29	0 43	5 5	13 3	23 18	23 18	5 5	17 59	2 38
F 7	23 14	2s10	5 17	23 50	1 12	22 46	1 56	16 25	2 4	22 49	0 27	17 52	1 21	0 45	0 42	22 29	0 43	5 5	13 2	23 18	23 18	5 3	18 0	2 38
S 8	23 18	6 49	5 8	23 33	1 3	22 31	1 56	16 26	2 6	22 48	0 27	17 51	1 21	0 45	0 42	22 30	0 43	5 5	13 2	23 18	23 18	5 0	18 1	2 39
S 9	23 21	11 17	4 45	23 15	0 54	22 16	1 55	16 27	2 7	22 46	0 27	17 49	1 21	0 46	0 43	22 30	0 43	5 5	13 2	23 18	23 17	4 57	18 1	2 39
M10	23 24	15 23	4 9	22 56	0 45	22 1	1 55	16 28	2 9	22 44	0 27	17 47	1 21	0 46	0 43	22 30	0 43	5 5	13 1	23 18	23 17	4 55	18 2	2 39
T 11	23 27	18 53	3 19	22 37	0 35	21 44	1 54	16 30	2 11	22 43	0 27	17 45	1 21	0 46	0 43	22 30	0 43	5 5	13 1	23 18	23 17	4 52	18 3	2 39
W12	23 29	21 32	2 18	22 17	0 24	21 28	1 53	16 32	2 12	22 41	0 27	17 44	1 21	0 47	0 43	22 30	0 43	5 5	13 1	23 18	23 17	4 49	18 4	2 39
T 13	23 31	23 4	1 8	21 57	0 13	21 10	1 53	16 34	2 14	22 39	0 27	17 42	1 21	0 47	0 43	22 30	0 43	5 5	13 0	23 18	23 17	4 47	18 4	2 39
F 14	23 32	23 15	0n 8	21 36	0 1	20 52	1 52	16 36	2 15	22 38	0 27	17 40	1 21	0 48	0 43	22 30	0 43	5 5	13 0	23 18	23 16	4 44	18 5	2 40
S 15	23 33	21 57	1 25	21 15	0s11	20 34	1 51	16 39	2 16	22 36	0 27	17 38	1 21	0 48	0 43	22 30	0 43	5 5	13 0	23 18	23 16	4 41	18 6	2 40
S 16	23 34	19 15	2 38	20 55	0 23	20 15	1 50	16 41	2 18	22 34	0 27	17 37	1 21	0 48	0 43	22 31	0 43	5 5	12 59	23 18	23 16	4 39	18 7	2 40
M17	23 34	15 19	3 42	20 34	0 36	19 56	1 49	16 44	2 19	22 32	0 27	17 35	1 21	0 49	0 43	22 31	0 43	5 5	12 59	23 18	23 16	4 36	18 7	2 40
T 18	23 34	10 27	4 31	20 14	0 49	19 36	1 47	16 47	2 20	22 30	0 27	17 33	1 21	0 49	0 43	22 31	0 43	5 5	12 59	23 18	23 16	4 33	18 8	2 40
W19	23 33	5 2	5 3	19 53	1 3	19 15	1 46	16 51	2 22	22 29	0 27	17 31	1 21	0 49	0 43	22 31	0 43	5 6	12 58	23 18	23 15	4 31	18 9	2 40
T 20	23 32	0n37	5 16	19 33	1 17	18 55	1 44	16 54	2 23	22 27	0 28	17 29	1 21	0 49	0 43	22 31	0 43	5 6	12 58	23 18	23 15	4 28	18 9	2 41
F 21	23 31	6 10	5 9	19 14	1 31	18 33	1 43	16 58	2 24	22 25	0 28	17 27	1 21	0 50	0 43	22 31	0 43	5 6	12 57	23 18	23 15	4 25	18 10	2 41
S 22	23 29	11 19	4 44	18 55	1 45	18 11	1 41	17 2	2 25	22 23	0 28	17 25	1 21	0 50	0 43	22 31	0 43	5 6	12 57	23 18	23 15	4 23	18 11	2 41
S 23	23 26	15 49	4 3	18 37	2 0	17 49	1 39	17 6	2 26	22 21	0 28	17 23	1 21	0 50	0 43	22 31	0 43	5 6	12 57	23 18	23 14	4 20	18 11	2 41
M24	23 24	19 25	3 9	18 20	2 14	17 27	1 38	17 10	2 27	22 19	0 28	17 22	1 21	0 50	0 43	22 32	0 43	5 6	12 56	23 18	23 14	4 17	18 12	2 41
T 25	23 20	21 55	2 5	18 3	2 29	17 3	1 36	17 15	2 28	22 17	0 28	17 20	1 21	0 50	0 43	22 32	0 42	5 6	12 56	23 18	23 14	4 15	18 12	2 42
W26	23 17	23 11	0 56	17 48	2 44	16 40	1 33	17 19	2 29	22 15	0 28	17 18	1 21	0 51	0 43	22 32	0 42	5 6	12 55	23 18	23 14	4 12	18 13	2 42
T 27	23 13	23 12	0s15	17 34	2 58	16 16	1 31	17 24	2 30	22 13	0 28	17 16	1 21	0 51	0 43	22 32	0 42	5 7	12 55	23 18	23 14	4 9	18 14	2 42
F 28	23 8	22 0	1 23	17 21	3 12	15 52	1 29	17 29	2 30	22 11	0 28	17 14	1 20	0 51	0 43	22 32	0 42	5 7	12 54	23 18	23 13	4 7	18 14	2 42
S 29	23 4	19 44	2 27	17 9	3 26	15 27	1 27	17 34	2 31	22 9	0 28	17 12	1 20	0 51	0 43	22 32	0 42	5 7	12 54	23 18	23 13	4 4	18 15	2 42
S 30	22n58	16n37	3s23	16n59	3s39	15n 2	1n24	17s40	2s32	22n 7	0n28	17n10	1n20	0n51	0s43	22s32	0n42	5s 7	12n54	23s17	23s13	4n 1	18n15	2s43

Julian Day Number = 2088650.5, Delta T = 23m52s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'30, Lahiri = 10°00'31 Julian Calendar 1 June 1006 == Greg. Calendar 7 June 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

JULY 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 56 18	13♋28'35	13♌43	28°R17	24♌46	11♏25	22♋55	16♌56	3♈47	9°R13	18°R54	21°R25	20♐18	7♍55	3♊18	M 1
T 2	19 0 15	14°25'52	25°42	27♋54	25°54	11°41	23° 8	17° 2	3°47	9♉11	18♏54	21♐21	20°14	8° 2	3°22	T 2
W 3	19 4 11	15°23'09	7♍36	27°27	27° 2	11°58	23°22	17° 9	3°47	9°10	18°53	21°18	20°11	8° 9	3°26	W 3
T 4	19 8 8	16°20'26	19°27	26°55	28°10	12°15	23°35	17°16	3°R47	9° 8	18°52	21°14	20° 8	8°16	3°29	T 4
F 5	19 12 4	17°17'44	1♎21	26°20	29°18	12°32	23°48	17°23	3°47	9° 6	18°52	21°12	20° 5	8°22	3°33	F 5
S 6	19 16 1	18°15'03	13°20	25°42	0♍25	12°51	24° 1	17°30	3°47	9° 5	18°51	21°D11	20° 2	8°29	3°37	S 6
S 7	19 19 57	19°12'22	25°30	25° 1	1°33	13°10	24°14	17°37	3°47	9° 3	18°50	21°11	19°59	8°36	3°41	S 7
M 8	19 23 54	20° 9'41	7♏55	24°19	2°40	13°29	24°28	17°44	3°46	9° 2	18°50	21°12	19°55	8°42	3°45	M 8
T 9	19 27 50	21° 7'01	20°40	23°35	3°47	13°49	24°41	17°51	3°46	9° 0	18°49	21°14	19°52	8°49	3°48	T 9
W10	19 31 47	22° 4'22	3♐47	22°50	4°54	14°10	24°54	17°58	3°46	8°58	18°49	21°15	19°49	8°56	3°52	W10
T 11	19 35 44	23° 1'43	17°20	22° 6	6° 1	14°31	25° 7	18° 5	3°46	8°57	18°48	21°R16	19°46	9° 3	3°55	T 11
F 12	19 39 40	23°59'06	1♑18	21°23	7° 8	14°52	25°21	18°12	3°45	8°55	18°48	21°16	19°43	9° 9	3°59	F 12
S 13	19 43 37	24°56'29	15°41	20°42	8°15	15°14	25°34	18°19	3°45	8°54	18°48	21°14	19°39	9°16	4° 3	S 13
S 14	19 47 33	25°53'53	0♒22	20° 3	9°21	15°37	25°47	18°26	3°44	8°52	18°47	21°11	19°36	9°23	4° 6	S 14
M15	19 51 30	26°51'17	15°17	19°28	10°27	16° 0	26° 0	18°34	3°44	8°51	18°47	21° 6	19°33	9°29	4° 9	M15
T 16	19 55 26	27°48'43	0♓15	18°58	11°34	16°24	26°14	18°41	3°43	8°49	18°46	21° 1	19°30	9°36	4°13	T 16
W17	19 59 23	28°46'10	15° 8	18°32	12°39	16°48	26°27	18°48	3°43	8°48	18°46	20°56	19°27	9°43	4°16	W17
T 18	20 3 20	29°43'39	29°49	18°11	13°45	17°12	26°40	18°55	3°42	8°46	18°46	20°52	19°24	9°50	4°19	T 18
F 19	20 7 16	0♌41'09	14♈12	17°56	14°51	17°37	26°53	19° 3	3°41	8°45	18°46	20°49	19°20	9°56	4°23	F 19
S 20	20 11 13	1°38'40	28°14	17°48	15°56	18° 2	27° 6	19°10	3°41	8°43	18°46	20°D48	19°17	10° 3	4°26	S 20
S 21	20 15 9	2°36'13	11♉55	17°D46	17° 2	18°28	27°20	19°17	3°40	8°42	18°45	20°48	19°14	10°10	4°29	S 21
M22	20 19 6	3°33'47	25°15	17°51	18° 7	18°54	27°33	19°25	3°39	8°40	18°45	20°49	19°11	10°17	4°32	M22
T 23	20 23 2	4°31'23	8♊17	18° 2	19°11	19°21	27°46	19°32	3°38	8°39	18°45	20°50	19° 8	10°23	4°35	T 23
W24	20 26 59	5°29'00	21° 4	18°21	20°16	19°48	27°59	19°40	3°37	8°37	18°45	20°R51	19° 5	10°30	4°38	W24
T 25	20 30 55	6°26'39	3♋37	18°47	21°21	20°16	28°13	19°47	3°36	8°36	18°D45	20°50	19° 1	10°37	4°41	T 25
F 26	20 34 52	7°24'20	15°59	19°21	22°25	20°43	28°26	19°54	3°35	8°35	18°45	20°47	18°58	10°43	4°44	F 26
S 27	20 38 49	8°22'01	28°13	20° 1	23°29	21°12	28°39	20° 2	3°34	8°33	18°45	20°42	18°55	10°50	4°47	S 27
S 28	20 42 45	9°19'44	10♌18	20°48	24°33	21°40	28°52	20° 9	3°33	8°32	18°45	20°35	18°52	10°57	4°49	S 28
M29	20 46 42	10°17'29	22°18	21°42	25°37	22° 9	29° 5	20°17	3°32	8°31	18°45	20°26	18°49	11° 4	4°52	M29
T 30	20 50 38	11°15'15	4♍13	22°43	26°40	22°39	29°18	20°24	3°31	8°29	18°46	20°17	18°45	11°10	4°55	T 30
W31	20 54 35	12♌13'02	16♍ 5	23♋50	27♍43	23♏ 8	29♋31	20♌32	3♈30	8♉28	18♏46	20♐ 7	18♐42	11♍17	4♊57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n53	12n50	4s 9	16n50	3s51	14n37	1n22	17s45	2s33	22n 4	0n28	17n 7	1n20	0n51	0s43	22s32	0n42	5s 8	12n53	23s17	23s13	3n59	18n16	2s43
T 2	22 47	8 35	4 43	16 43	4 3	14 11	1 19	17 51	2 33	22 2	0 28	17 5	1 20	0 51	0 43	22 33	0 42	5 8	12 53	23 17	23 12	3 56	18 16	2 43
W 3	22 40	4 3	5 5	16 38	4 14	13 45	1 16	17 57	2 34	22 0	0 29	17 3	1 20	0 51	0 43	22 33	0 42	5 8	12 52	23 17	23 12	3 53	18 17	2 43
T 4	22 34	0s36	5 13	16 34	4 24	13 19	1 13	18 3	2 35	21 58	0 29	17 1	1 20	0 51	0 43	22 33	0 42	5 8	12 52	23 17	23 12	3 51	18 17	2 43
F 5	22 27	5 15	5 9	16 33	4 32	12 53	1 10	18 9	2 35	21 56	0 29	16 59	1 20	0 51	0 43	22 33	0 42	5 9	12 51	23 16	23 12	3 48	18 18	2 44
S 6	22 19	9 45	4 51	16 33	4 39	12 26	1 7	18 15	2 36	21 54	0 29	16 57	1 21	0 51	0 43	22 33	0 42	5 9	12 51	23 16	23 11	3 45	18 18	2 44
S 7	22 11	13 56	4 19	16 34	4 45	11 59	1 4	18 21	2 36	21 51	0 29	16 55	1 21	0 51	0 43	22 33	0 42	5 9	12 50	23 16	23 11	3 43	18 19	2 44
M 8	22 3	17 37	3 35	16 38	4 49	11 31	1 1	18 28	2 37	21 49	0 29	16 53	1 21	0 51	0 43	22 33	0 42	5 9	12 50	23 16	23 11	3 40	18 19	2 44
T 9	21 54	20 35	2 40	16 43	4 51	11 4	0 57	18 34	2 37	21 47	0 29	16 51	1 21	0 51	0 43	22 33	0 42	5 10	12 50	23 17	23 11	3 37	18 20	2 45
W10	21 45	22 34	1 34	16 49	4 52	10 36	0 54	18 41	2 38	21 44	0 29	16 48	1 21	0 50	0 44	22 34	0 42	5 10	12 49	23 17	23 10	3 35	18 20	2 45
T 11	21 35	23 19	0 22	16 58	4 51	10 8	0 50	18 47	2 38	21 42	0 29	16 46	1 21	0 50	0 44	22 34	0 42	5 10	12 49	23 17	23 10	3 32	18 21	2 45
F 12	21 26	22 39	0n55	17 7	4 48	9 39	0 47	18 54	2 38	21 40	0 29	16 44	1 21	0 50	0 44	22 34	0 42	5 11	12 48	23 17	23 10	3 29	18 21	2 45
S 13	21 15	20 30	2 9	17 18	4 43	9 11	0 43	19 1	2 39	21 37	0 29	16 42	1 21	0 50	0 44	22 34	0 42	5 11	12 48	23 17	23 10	3 27	18 22	2 45
S 14	21 5	16 58	3 17	17 30	4 37	8 42	0 39	19 8	2 39	21 35	0 29	16 40	1 21	0 50	0 44	22 34	0 42	5 11	12 47	23 16	23 9	3 24	18 22	2 46
M15	20 54	12 19	4 12	17 43	4 29	8 14	0 35	19 15	2 39	21 33	0 30	16 37	1 21	0 49	0 44	22 34	0 42	5 12	12 47	23 16	23 9	3 22	18 22	2 46
T 16	20 43	6 55	4 50	17 56	4 19	7 45	0 31	19 22	2 40	21 30	0 30	16 35	1 21	0 49	0 44	22 34	0 42	5 12	12 46	23 16	23 9	3 19	18 23	2 46
W17	20 31	1 9	5 9	18 11	4 8	7 15	0 27	19 30	2 40	21 28	0 30	16 33	1 21	0 49	0 44	22 34	0 42	5 13	12 46	23 15	23 9	3 16	18 23	2 46
T 18	20 19	4n37	5 7	18 26	3 56	6 46	0 23	19 37	2 40	21 25	0 30	16 31	1 21	0 49	0 44	22 34	0 42	5 13	12 45	23 15	23 8	3 14	18 23	2 47
F 19	20 7	10 0	4 45	18 41	3 43	6 17	0 18	19 44	2 40	21 23	0 30	16 28	1 21	0 48	0 44	22 35	0 42	5 13	12 45	23 15	23 8	3 11	18 24	2 47
S 20	19 54	14 44	4 7	18 56	3 28	5 47	0 14	19 52	2 40	21 20	0 30	16 26	1 21	0 48	0 44	22 35	0 42	5 14	12 44	23 15	23 8	3 8	18 24	2 47
S 21	19 41	18 35	3 15	19 11	3 13	5 18	0 9	19 59	2 41	21 18	0 30	16 24	1 21	0 48	0 44	22 35	0 42	5 14	12 44	23 15	23 8	3 6	18 24	2 47
M22	19 28	21 21	2 14	19 26	2 58	4 48	0 5	20 7	2 41	21 15	0 30	16 21	1 21	0 47	0 44	22 35	0 42	5 15	12 43	23 15	23 7	3 3	18 25	2 48
T 23	19 14	22 55	1 8	19 41	2 41	4 18	0 0	20 14	2 41	21 13	0 30	16 19	1 21	0 47	0 44	22 35	0 42	5 15	12 43	23 15	23 7	3 0	18 25	2 48
W24	19 0	23 15	0s 1	19 54	2 25	3 48	0s 5	20 22	2 41	21 10	0 30	16 17	1 21	0 47	0 44	22 35	0 42	5 16	12 42	23 15	23 7	2 58	18 25	2 48
T 25	18 46	22 23	1 8	20 7	2 8	3 18	0 10	20 29	2 41	21 8	0 30	16 14	1 21	0 46	0 44	22 35	0 42	5 16	12 42	23 15	23 7	2 55	18 26	2 49
F 26	18 31	20 26	2 11	20 19	1 52	2 48	0 15	20 37	2 41	21 5	0 31	16 12	1 21	0 46	0 44	22 35	0 42	5 17	12 41	23 15	23 6	2 52	18 26	2 49
S 27	18 16	17 34	3 7	20 30	1 35	2 18	0 20	20 45	2 41	21 2	0 31	16 10	1 21	0 45	0 44	22 36	0 42	5 17	12 41	23 14	23 6	2 50	18 26	2 49
S 28	18 1	14 0	3 54	20 40	1 18	1 48	0 25	20 52	2 41	21 0	0 31	16 7	1 21	0 45	0 44	22 36	0 42	5 18	12 40	23 14	23 6	2 47	18 26	2 49
M29	17 45	9 54	4 30	20 47	1 2	1 18	0 30	21 0	2 41	20 57	0 31	16 5	1 21	0 44	0 44	22 36	0 42	5 18	12 40	23 13	23 6	2 44	18 26	2 50
T 30	17 30	5 27	4 54	20 53	0 46	0 48	0 35	21 8	2 41	20 55	0 31	16 3	1 21	0 44	0 44	22 36	0 42	5 19	12 39	23 13	23 5	2 42	18 27	2 50
W31	17n13	0n50	5s 5	20n57	0s31	0n18	0s40	21s15	2s41	20n52	0n31	16n 0	1n21	0n43	0s44	22s36	0n42	5s19	12n39	23s12	23s 5	2n39	18n27	2s50

Julian Day Number = 2088680.5, Delta T = 23m52s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'34, Lahiri = 10°00'35 Julian Calendar 1 July 1006 == Greg. Calendar 7 July 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

AUGUST 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 58 31	13♌10'50	27♍56	25♋ 3	28♍46	23♏39	29♋44	20♌39	3°R28	8°R27	18♏46	19°R58	18♐39	11♍24	5♊ 0	T 1
F 2	21 2 28	14° 8'40	9♎49	26°22	29°49	24° 9	29°57	20°47	3♈27	8♉25	18°46	19♐51	18°36	11°30	5° 2	F 2
S 3	21 6 24	15° 6'30	21°47	27°46	0♎51	24°40	0♌10	20°55	3°26	8°24	18°46	19°46	18°33	11°37	5° 5	S 3
S 4	21 10 21	16° 4'23	3♏55	29°16	1°53	25°11	0°23	21° 2	3°24	8°23	18°47	19°43	18°30	11°44	5° 7	S 4
M 5	21 14 17	17° 2'16	16°16	0♌50	2°55	25°42	0°36	21°10	3°23	8°22	18°47	19°D43	18°26	11°51	5° 9	M 5
T 6	21 18 14	18° 0'11	28°55	2°28	3°57	26°14	0°49	21°17	3°21	8°21	18°47	19°43	18°23	11°57	5°12	T 6
W 7	21 22 11	18°58'07	11♐58	4°10	4°58	26°46	1° 2	21°25	3°20	8°20	18°48	19°44	18°20	12° 4	5°14	W 7
T 8	21 26 7	19°56'05	25°27	5°55	5°59	27°18	1°15	21°32	3°18	8°18	18°48	19°R44	18°17	12°11	5°16	T 8
F 9	21 30 4	20°54'04	9♑25	7°44	6°59	27°51	1°28	21°40	3°17	8°17	18°49	19°42	18°14	12°18	5°18	F 9
S 10	21 34 0	21°52'05	23°52	9°34	8° 0	28°24	1°41	21°48	3°15	8°16	18°49	19°38	18°10	12°24	5°20	S 10
S 11	21 37 57	22°50'07	8♒43	11°27	9° 0	28°57	1°53	21°55	3°14	8°15	18°50	19°32	18° 7	12°31	5°22	S 11
M12	21 41 53	23°48'10	23°52	13°21	9°59	29°31	2° 6	22° 3	3°12	8°14	18°50	19°24	18° 4	12°38	5°24	M12
T 13	21 45 50	24°46'15	9♓ 9	15°16	10°59	0♐ 5	2°19	22°10	3°10	8°13	18°51	19°14	18° 1	12°44	5°25	T 13
W14	21 49 47	25°44'22	24°22	17°12	11°57	0°39	2°32	22°18	3° 8	8°12	18°52	19° 5	17°58	12°51	5°27	W14
T 15	21 53 43	26°42'31	9♈21	19° 8	12°56	1°13	2°44	22°25	3° 7	8°11	18°52	18°57	17°55	12°58	5°29	T 15
F 16	21 57 40	27°40'42	23°59	21° 5	13°54	1°47	2°57	22°33	3° 5	8°10	18°53	18°50	17°51	13° 5	5°30	F 16
S 17	22 1 36	28°38'55	8♉10	23° 1	14°52	2°22	3° 9	22°41	3° 3	8° 9	18°54	18°47	17°48	13°11	5°32	S 17
S 18	22 5 33	29°37'10	21°54	24°57	15°49	2°57	3°22	22°48	3° 1	8° 9	18°55	18°45	17°45	13°18	5°33	S 18
M19	22 9 29	0♍35'27	5♊12	26°53	16°46	3°32	3°34	22°56	2°59	8° 8	18°55	18°D45	17°42	13°25	5°35	M19
T 20	22 13 26	1°33'47	18° 7	28°48	17°42	4° 8	3°47	23° 3	2°57	8° 7	18°56	18°R45	17°39	13°32	5°36	T 20
W21	22 17 22	2°32'08	0♋44	0♍43	18°38	4°44	3°59	23°11	2°55	8° 6	18°57	18°45	17°36	13°38	5°37	W21
T 22	22 21 19	3°30'32	13° 5	2°37	19°33	5°20	4°12	23°18	2°53	8° 5	18°58	18°42	17°32	13°45	5°39	T 22
F 23	22 25 15	4°28'58	25°16	4°30	20°28	5°56	4°24	23°26	2°51	8° 5	18°59	18°37	17°29	13°52	5°40	F 23
S 24	22 29 12	5°27'26	7♌19	6°22	21°23	6°32	4°36	23°33	2°49	8° 4	19° 0	18°29	17°26	13°58	5°41	S 24
S 25	22 33 9	6°25'55	19°17	8°13	22°17	7° 9	4°48	23°41	2°47	8° 3	19° 1	18°19	17°23	14° 5	5°42	S 25
M26	22 37 5	7°24'27	1♍11	10° 3	23°10	7°46	5° 0	23°48	2°45	8° 3	19° 2	18° 6	17°20	14°12	5°43	M26
T 27	22 41 2	8°23'01	13° 3	11°52	24° 3	8°23	5°12	23°55	2°43	8° 2	19° 3	17°52	17°16	14°19	5°44	T 27
W28	22 44 58	9°21'37	24°55	13°40	24°55	9° 0	5°24	24° 3	2°40	8° 1	19° 4	17°38	17°13	14°25	5°44	W28
T 29	22 48 55	10°20'14	6♎48	15°27	25°46	9°38	5°36	24°10	2°38	8° 1	19° 5	17°25	17°10	14°32	5°45	T 29
F 30	22 52 51	11°18'54	18°43	17°13	26°37	10°16	5°48	24°18	2°36	8° 0	19° 7	17°14	17° 7	14°39	5°46	F 30
S 31	22 56 48	12♍17'35	0♏44	18♍58	27♎27	10♐53	6♌ 0	24♌25	2♈34	8♉ 0	19♏ 8	17♐ 5	17♐ 4	14♍45	5♊46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n57	3s48	5s 3	20n59	0s16	0s12	0s46	21s23	2s41	20n49	0n31	15n58	1n21	0n43	0s44	22s36	0n42	5s20	12n38	23s11	23s 5	2n36	18n27	2s50
F 2	16 40	8 18	4 47	20 58	0 2	0 43	0 51	21 30	2 41	20 47	0 31	15 56	1 21	0 42	0 44	22 36	0 42	5 20	12 38	23 11	23 5	2 34	18 27	2 51
S 3	16 23	12 32	4 20	20 55	0n12	1 13	0 57	21 38	2 41	20 44	0 31	15 53	1 21	0 42	0 44	22 36	0 42	5 21	12 37	23 10	23 4	2 31	18 27	2 51
S 4	16 6	16 20	3 40	20 49	0 24	1 43	1 3	21 46	2 41	20 41	0 31	15 51	1 21	0 41	0 44	22 36	0 42	5 21	12 37	23 10	23 4	2 29	18 27	2 51
M 5	15 49	19 29	2 49	20 40	0 36	2 12	1 8	21 53	2 41	20 39	0 32	15 48	1 21	0 41	0 44	22 36	0 42	5 22	12 36	23 10	23 4	2 26	18 28	2 52
T 6	15 31	21 48	1 49	20 29	0 47	2 42	1 14	22 1	2 40	20 36	0 32	15 46	1 22	0 40	0 44	22 37	0 42	5 23	12 36	23 10	23 3	2 23	18 28	2 52
W 7	15 13	23 2	0 41	20 15	0 57	3 12	1 20	22 8	2 40	20 33	0 32	15 44	1 22	0 39	0 44	22 37	0 42	5 23	12 35	23 10	23 3	2 21	18 28	2 52
T 8	14 55	22 59	0n31	19 58	1 7	3 42	1 26	22 15	2 40	20 30	0 32	15 41	1 22	0 39	0 44	22 37	0 42	5 24	12 35	23 10	23 3	2 18	18 28	2 52
F 9	14 36	21 31	1 43	19 38	1 15	4 11	1 32	22 23	2 40	20 28	0 32	15 39	1 22	0 38	0 44	22 37	0 42	5 24	12 34	23 10	23 3	2 15	18 28	2 53
S 10	14 18	18 38	2 51	19 16	1 22	4 41	1 38	22 30	2 40	20 25	0 32	15 36	1 22	0 37	0 44	22 37	0 42	5 25	12 34	23 10	23 2	2 13	18 28	2 53
S 11	13 59	14 29	3 50	18 51	1 28	5 10	1 44	22 37	2 39	20 22	0 32	15 34	1 22	0 37	0 44	22 37	0 42	5 26	12 33	23 9	23 2	2 10	18 28	2 53
M12	13 39	9 20	4 34	18 24	1 34	5 39	1 50	22 45	2 39	20 19	0 32	15 32	1 22	0 36	0 44	22 37	0 42	5 26	12 33	23 8	23 2	2 7	18 28	2 54
T 13	13 20	3 35	4 58	17 54	1 38	6 9	1 56	22 52	2 39	20 17	0 32	15 29	1 22	0 35	0 44	22 37	0 42	5 27	12 32	23 8	23 1	2 5	18 28	2 54
W14	13 0	2n22	5 1	17 23	1 41	6 37	2 2	22 59	2 39	20 14	0 33	15 27	1 22	0 35	0 44	22 37	0 41	5 28	12 32	23 7	23 1	2 2	18 28	2 54
T 15	12 41	8 4	4 44	16 49	1 44	7 6	2 8	23 6	2 38	20 11	0 33	15 24	1 22	0 34	0 44	22 37	0 41	5 28	12 31	23 6	23 1	2 0	18 28	2 55
F 16	12 21	13 11	4 8	16 13	1 46	7 35	2 15	23 13	2 38	20 8	0 33	15 22	1 22	0 33	0 44	22 37	0 41	5 29	12 31	23 6	23 1	1 57	18 28	2 55
S 17	12 0	17 25	3 18	15 36	1 47	8 3	2 21	23 19	2 38	20 5	0 33	15 20	1 22	0 32	0 45	22 38	0 41	5 30	12 30	23 5	23 0	1 54	18 28	2 55
S 18	11 40	20 33	2 17	14 58	1 48	8 31	2 28	23 26	2 37	20 3	0 33	15 17	1 22	0 32	0 45	22 38	0 41	5 30	12 30	23 5	23 0	1 52	18 28	2 55
M19	11 19	22 27	1 11	14 18	1 47	8 59	2 34	23 33	2 37	20 0	0 33	15 15	1 23	0 31	0 45	22 38	0 41	5 31	12 29	23 5	23 0	1 49	18 28	2 56
T 20	10 59	23 5	0 3	13 37	1 46	9 27	2 41	23 39	2 37	19 57	0 33	15 12	1 23	0 30	0 45	22 38	0 41	5 32	12 29	23 5	22 59	1 46	18 28	2 56
W21	10 38	22 31	1s 3	12 55	1 45	9 55	2 47	23 45	2 36	19 54	0 33	15 10	1 23	0 29	0 45	22 38	0 41	5 32	12 28	23 5	22 59	1 44	18 28	2 56
T 22	10 16	20 51	2 5	12 12	1 43	10 22	2 54	23 52	2 36	19 51	0 34	15 8	1 23	0 28	0 45	22 38	0 41	5 33	12 28	23 5	22 59	1 41	18 28	2 57
F 23	9 55	18 14	3 0	11 28	1 40	10 49	3 0	23 58	2 36	19 49	0 34	15 5	1 23	0 27	0 45	22 38	0 41	5 34	12 27	23 5	22 59	1 39	18 28	2 57
S 24	9 34	14 53	3 47	10 44	1 37	11 16	3 7	24 4	2 35	19 46	0 34	15 3	1 23	0 27	0 45	22 38	0 41	5 34	12 27	23 4	22 58	1 36	18 27	2 57
S 25	9 12	10 58	4 23	9 59	1 34	11 42	3 13	24 10	2 35	19 43	0 34	15 0	1 23	0 26	0 45	22 38	0 41	5 35	12 26	23 3	22 58	1 33	18 27	2 58
M26	8 50	6 38	4 47	9 14	1 30	12 8	3 20	24 15	2 34	19 40	0 34	14 58	1 23	0 25	0 45	22 38	0 41	5 36	12 26	23 2	22 58	1 31	18 27	2 58
T 27	8 28	2 6	4 59	8 28	1 26	12 34	3 27	24 21	2 34	19 37	0 34	14 56	1 23	0 24	0 45	22 38	0 41	5 37	12 25	23 1	22 57	1 28	18 27	2 58
W28	8 6	2s31	4 57	7 42	1 21	13 0	3 33	24 27	2 33	19 34	0 34	14 53	1 23	0 23	0 45	22 38	0 41	5 37	12 25	22 59	22 57	1 25	18 27	2 59
T 29	7 44	7 2	4 43	6 56	1 16	13 25	3 40	24 32	2 33	19 32	0 35	14 51	1 23	0 22	0 45	22 38	0 41	5 38	12 24	22 58	22 57	1 23	18 27	2 59
F 30	7 22	11 19	4 16	6 10	1 11	13 50	3 47	24 37	2 32	19 29	0 35	14 48	1 24	0 21	0 45	22 39	0 41	5 39	12 24	22 57	22 56	1 20	18 26	2 59
S 31	6n59	15s11	3s38	5n24	1n 5	14s15	3s53	24s42	2s32	19n26	0n35	14n46	1n24	0n21	0s45	22s39	0n41	5s40	12n23	22s56	22s56	1n18	18n26	3s 0

Julian Day Number = 2088711.5, Delta T = 23m51s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'39, Lahiri = 10°00'39 Julian Calendar 1 Aug. 1006 == Greg. Calendar 7 Aug. 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

SEPTEMBER 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 0 44	13♍16'18	12♏52	20♍42	28♎17	11♐32	6♌12	24♌32	2°R32	7°R59	19♏ 9	17°R 0	17♐ 1	14♍52	5♊47	S 1
M 2	23 4 41	14°15'03	25°12	22°24	29° 6	12°10	6°24	24°40	2♈29	7♑59	19°10	16♐57	16°57	14°59	5°47	M 2
T 3	23 8 38	15°13'50	7♐49	24° 6	29°54	12°48	6°35	24°47	2°27	7°59	19°11	16°56	16°54	15° 6	5°47	T 3
W 4	23 12 34	16°12'38	20°46	25°47	0♏41	13°27	6°47	24°54	2°25	7°58	19°13	16°56	16°51	15°12	5°48	W 4
T 5	23 16 31	17°11'29	4♑ 7	27°27	1°27	14° 6	6°58	25° 1	2°22	7°58	19°14	16°56	16°48	15°19	5°48	T 5
F 6	23 20 27	18°10'21	17°57	29° 6	2°13	14°45	7°10	25° 9	2°20	7°58	19°15	16°54	16°45	15°26	5°48	F 6
S 7	23 24 24	19° 9'14	2♒15	0♎44	2°57	15°24	7°21	25°16	2°18	7°57	19°17	16°49	16°42	15°33	5°R48	S 7
S 8	23 28 20	20° 8'10	17° 0	2°22	3°41	16° 3	7°33	25°23	2°15	7°57	19°18	16°42	16°38	15°39	5°48	S 8
M 9	23 32 17	21° 7'07	2♓ 7	3°58	4°24	16°43	7°44	25°30	2°13	7°57	19°20	16°33	16°35	15°46	5°48	M 9
T 10	23 36 13	22° 6'06	17°26	5°33	5° 5	17°22	7°55	25°37	2°11	7°57	19°21	16°22	16°32	15°53	5°48	T 10
W11	23 40 10	23° 5'08	2♈47	7° 8	5°46	18° 2	8° 6	25°44	2° 8	7°57	19°23	16°11	16°29	15°59	5°48	W11
T 12	23 44 7	24° 4'11	17°57	8°42	6°26	18°42	8°17	25°51	2° 6	7°57	19°24	16° 1	16°26	16° 6	5°47	T 12
F 13	23 48 3	25° 3'17	2♉46	10°14	7° 4	19°22	8°28	25°58	2° 3	7°56	19°26	15°53	16°22	16°13	5°47	F 13
S 14	23 52 0	26° 2'25	17° 8	11°46	7°41	20° 2	8°39	26° 5	2° 1	7°56	19°27	15°48	16°19	16°20	5°47	S 14
S 15	23 55 56	27° 1'35	1♊ 1	13°18	8°17	20°43	8°50	26°12	1°59	7°D56	19°29	15°46	16°16	16°26	5°46	S 15
M16	23 59 53	28° 0'48	14°25	14°48	8°52	21°23	9° 0	26°19	1°56	7°56	19°31	15°D45	16°13	16°33	5°45	M16
T 17	0 3 49	29° 0'03	27°22	16°18	9°25	22° 4	9°11	26°26	1°54	7°57	19°32	15°R45	16°10	16°40	5°45	T 17
W18	0 7 46	29°59'21	9♋58	17°47	9°57	22°45	9°21	26°32	1°51	7°57	19°34	15°45	16° 7	16°47	5°44	W18
T 19	0 11 42	0♎58'41	22°16	19°14	10°28	23°26	9°32	26°39	1°49	7°57	19°36	15°43	16° 3	16°53	5°43	T 19
F 20	0 15 39	1°58'03	4♌22	20°42	10°57	24° 7	9°42	26°46	1°46	7°57	19°37	15°38	16° 0	17° 0	5°42	F 20
S 21	0 19 36	2°57'28	16°20	22° 8	11°25	24°48	9°52	26°52	1°44	7°57	19°39	15°31	15°57	17° 7	5°41	S 21
S 22	0 23 32	3°56'54	28°13	23°33	11°51	25°29	10° 3	26°59	1°42	7°57	19°41	15°22	15°54	17°13	5°40	S 22
M23	0 27 29	4°56'23	10♍ 4	24°58	12°15	26°11	10°13	27° 5	1°39	7°58	19°43	15°10	15°51	17°20	5°39	M23
T 24	0 31 25	5°55'54	21°56	26°22	12°38	26°52	10°23	27°12	1°37	7°58	19°45	14°57	15°47	17°27	5°38	T 24
W25	0 35 22	6°55'27	3♎50	27°44	12°59	27°34	10°32	27°18	1°34	7°58	19°47	14°43	15°44	17°34	5°37	W25
T 26	0 39 18	7°55'03	15°48	29° 6	13°18	28°16	10°42	27°25	1°32	7°59	19°48	14°31	15°41	17°40	5°36	T 26
F 27	0 43 15	8°54'40	27°51	0♏27	13°35	28°58	10°52	27°31	1°29	7°59	19°50	14°21	15°38	17°47	5°34	F 27
S 28	0 47 11	9°54'20	10♏ 0	1°46	13°50	29°40	11° 1	27°37	1°27	7°59	19°52	14°13	15°35	17°54	5°33	S 28
S 29	0 51 8	10°54'01	22°17	3° 5	14° 3	0♑22	11°11	27°44	1°25	8° 0	19°54	14° 8	15°32	18° 0	5°31	S 29
M30	0 55 4	11♎53'44	4♐44	4♏22	14♏14	1♑ 4	11♌20	27♌50	1♈22	8♑ 0	19♏56	14♐ 5	15♐28	18♍ 7	5♊30	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n37	18s28	2s49	4n37	1n 0	14s39	4s 0	24s47	2s31	19n23	0n35	14n44	1n24	0n20	0s45	22s39	0n41	5s40	12n23	22s56	22s56	1n15	18n26	3s 0
M 2	6 14	20 59	1 52	3 51	0 54	15 3	4 6	24 52	2 31	19 20	0 35	14 41	1 24	0 19	0 45	22 39	0 41	5 41	12 23	22 55	22 55	1 12	18 26	3 0
T 3	5 51	22 31	0 48	3 5	0 48	15 26	4 13	24 56	2 30	19 18	0 35	14 39	1 24	0 18	0 45	22 39	0 41	5 42	12 22	22 55	22 55	1 10	18 25	3 1
W 4	5 28	22 54	0n20	2 19	0 41	15 49	4 20	25 1	2 30	19 15	0 35	14 37	1 24	0 17	0 45	22 39	0 41	5 43	12 22	22 55	22 55	1 7	18 25	3 1
T 5	5 5	22 1	1 29	1 33	0 35	16 12	4 26	25 5	2 29	19 12	0 36	14 34	1 24	0 16	0 45	22 39	0 41	5 43	12 21	22 55	22 55	1 4	18 25	3 1
F 6	4 42	19 47	2 36	0 47	0 28	16 34	4 33	25 9	2 29	19 9	0 36	14 32	1 24	0 15	0 45	22 39	0 41	5 44	12 21	22 55	22 54	1 2	18 25	3 1
S 7	4 19	16 17	3 35	0 2	0 21	16 56	4 39	25 13	2 28	19 6	0 36	14 30	1 25	0 14	0 45	22 39	0 41	5 45	12 20	22 55	22 54	0 59	18 24	3 2
S 8	3 56	11 40	4 21	0s43	0 15	17 17	4 46	25 17	2 27	19 4	0 36	14 27	1 25	0 13	0 45	22 39	0 41	5 46	12 20	22 54	22 54	0 57	18 24	3 2
M 9	3 32	6 15	4 51	1 28	0 8	17 38	4 52	25 20	2 27	19 1	0 36	14 25	1 25	0 12	0 45	22 39	0 41	5 47	12 19	22 53	22 53	0 54	18 24	3 2
T 10	3 9	0 23	5 0	2 13	0 1	17 58	4 58	25 23	2 26	18 58	0 36	14 23	1 25	0 11	0 45	22 39	0 41	5 47	12 19	22 52	22 53	0 51	18 23	3 3
W11	2 46	5n31	4 48	2 57	0s 7	18 18	5 5	25 26	2 26	18 55	0 36	14 21	1 25	0 10	0 45	22 39	0 41	5 48	12 19	22 51	22 53	0 49	18 23	3 3
T 12	2 22	11 0	4 15	3 40	0 14	18 37	5 11	25 29	2 25	18 53	0 37	14 18	1 25	0 9	0 45	22 39	0 41	5 49	12 18	22 50	22 52	0 46	18 23	3 3
F 13	1 59	15 43	3 26	4 24	0 21	18 56	5 17	25 32	2 24	18 50	0 37	14 16	1 25	0 8	0 45	22 39	0 41	5 50	12 18	22 49	22 52	0 44	18 22	3 4
S 14	1 35	19 22	2 25	5 7	0 28	19 14	5 23	25 35	2 24	18 47	0 37	14 14	1 25	0 7	0 45	22 39	0 40	5 51	12 17	22 48	22 52	0 41	18 22	3 4
S 15	1 11	21 44	1 17	5 49	0 35	19 31	5 29	25 37	2 23	18 45	0 37	14 12	1 26	0 6	0 45	22 39	0 40	5 51	12 17	22 48	22 51	0 38	18 21	3 4
M16	0 48	22 46	0 7	6 31	0 42	19 48	5 35	25 39	2 22	18 42	0 37	14 9	1 26	0 5	0 45	22 39	0 40	5 52	12 17	22 48	22 51	0 36	18 21	3 5
T 17	0 24	22 31	1s 1	7 12	0 50	20 5	5 41	25 41	2 22	18 39	0 37	14 7	1 26	0 4	0 45	22 39	0 40	5 53	12 16	22 48	22 51	0 33	18 21	3 5
W18	0 0	21 7	2 5	7 53	0 57	20 21	5 46	25 43	2 21	18 37	0 38	14 5	1 26	0 3	0 45	22 39	0 40	5 54	12 16	22 48	22 50	0 31	18 20	3 5
T 19	0s23	18 45	3 1	8 33	1 4	20 36	5 52	25 44	2 20	18 34	0 38	14 3	1 26	0 2	0 45	22 39	0 40	5 55	12 15	22 48	22 50	0 28	18 20	3 6
F 20	0 47	15 35	3 47	9 13	1 11	20 50	5 57	25 46	2 20	18 31	0 38	14 1	1 26	0 2	0 45	22 39	0 40	5 55	12 15	22 47	22 50	0 25	18 19	3 6
S 21	1 11	11 50	4 24	9 52	1 18	21 4	6 2	25 47	2 19	18 29	0 38	13 58	1 26	0 1	0 45	22 39	0 40	5 56	12 15	22 47	22 49	0 23	18 19	3 6
S 22	1 35	7 39	4 48	10 30	1 25	21 17	6 7	25 47	2 18	18 26	0 38	13 56	1 27	0s 0	0 45	22 39	0 40	5 57	12 14	22 46	22 49	0 20	18 18	3 7
M23	1 58	3 12	5 0	11 8	1 31	21 29	6 12	25 48	2 17	18 24	0 38	13 54	1 27	0 1	0 45	22 39	0 40	5 58	12 14	22 44	22 49	0 18	18 18	3 7
T 24	2 22	1s22	4 59	11 45	1 38	21 40	6 16	25 48	2 17	18 21	0 39	13 52	1 27	0 2	0 45	22 40	0 40	5 59	12 14	22 43	22 48	0 15	18 17	3 7
W25	2 46	5 53	4 45	12 21	1 45	21 51	6 20	25 48	2 16	18 19	0 39	13 50	1 27	0 3	0 45	22 40	0 40	5 59	12 13	22 41	22 48	0 12	18 17	3 7
T 26	3 9	10 13	4 18	12 57	1 51	22 0	6 24	25 48	2 15	18 16	0 39	13 48	1 27	0 4	0 45	22 40	0 40	6 0	12 13	22 40	22 48	0 10	18 16	3 8
F 27	3 33	14 11	3 40	13 31	1 57	22 9	6 28	25 48	2 14	18 14	0 39	13 46	1 27	0 5	0 45	22 40	0 40	6 1	12 12	22 39	22 47	0 7	18 16	3 8
S 28	3 57	17 35	2 51	14 5	2 3	22 17	6 32	25 48	2 13	18 11	0 39	13 44	1 28	0 6	0 45	22 40	0 40	6 2	12 12	22 38	22 47	0 5	18 15	3 8
S 29	4 20	20 16	1 54	14 38	2 9	22 24	6 35	25 47	2 13	18 9	0 39	13 42	1 28	0 7	0 45	22 40	0 40	6 3	12 12	22 37	22 47	0 2	18 15	3 9
M30	4s44	22s 1	0s50	15s 9	2s15	22s30	6s37	25s46	2s12	18n 6	0n40	13n40	1n28	0s 8	0s45	22s40	0n40	6s 3	12n11	22s37	22s46	0s 0	18n14	3s 9

Julian Day Number = 2088742.5, Delta T = 23m51s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'43, Lahiri = 10°00'43 Julian Calendar 1 Sept. 1006 == Greg. Calendar 7 Sept. 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

OCTOBER 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 59 1	12♎53'29	17♐25	5♏38	14♏23	1♑46	11♌29	27♌56	1°R20	8♑ 1	19♏58	14°D 5	15♐25	18♍14	5°R28	T 1
W 2	1 2 58	13°53'16	0♑22	6°52	14°29	2°29	11°38	28° 2	1♈17	8° 1	20° 0	14♐ 6	15°22	18°21	5♊27	W 2
T 3	1 6 54	14°53'05	13°39	8° 5	14°34	3°11	11°47	28° 8	1°15	8° 2	20° 2	14°R 6	15°19	18°27	5°25	T 3
F 4	1 10 51	15°52'55	27°20	9°16	14°R36	3°54	11°56	28°14	1°13	8° 3	20° 4	14° 6	15°16	18°34	5°23	F 4
S 5	1 14 47	16°52'47	11♒25	10°25	14°36	4°37	12° 5	28°20	1°10	8° 3	20° 6	14° 3	15°13	18°41	5°21	S 5
S 6	1 18 44	17°52'40	25°54	11°32	14°33	5°19	12°14	28°26	1° 8	8° 4	20° 8	13°58	15° 9	18°48	5°19	S 6
M 7	1 22 40	18°52'35	10♓44	12°37	14°28	6° 2	12°22	28°31	1° 6	8° 5	20°10	13°51	15° 6	18°54	5°17	M 7
T 8	1 26 37	19°52'32	25°48	13°39	14°20	6°45	12°30	28°37	1° 4	8° 6	20°12	13°43	15° 3	19° 1	5°15	T 8
W 9	1 30 33	20°52'31	10♈57	14°39	14°10	7°28	12°39	28°43	1° 1	8° 6	20°15	13°35	15° 0	19° 8	5°13	W 9
T 10	1 34 30	21°52'32	26° 1	15°35	13°57	8°11	12°47	28°48	0°59	8° 7	20°17	13°27	14°57	19°14	5°11	T 10
F 11	1 38 27	22°52'34	10♉50	16°28	13°42	8°55	12°55	28°54	0°57	8° 8	20°19	13°21	14°53	19°21	5° 9	F 11
S 12	1 42 23	23°52'39	25°16	17°17	13°25	9°38	13° 3	28°59	0°55	8° 9	20°21	13°18	14°50	19°28	5° 6	S 12
S 13	1 46 20	24°52'46	9♊15	18° 2	13° 6	10°21	13°10	29° 4	0°52	8°10	20°23	13°D16	14°47	19°35	5° 4	S 13
M14	1 50 16	25°52'55	22°46	18°42	12°44	11° 5	13°18	29°10	0°50	8°11	20°25	13°17	14°44	19°41	5° 2	M14
T 15	1 54 13	26°53'06	5♋50	19°17	12°20	11°48	13°25	29°15	0°48	8°12	20°28	13°18	14°41	19°48	4°59	T 15
W16	1 58 9	27°53'19	18°31	19°46	11°54	12°32	13°33	29°20	0°46	8°13	20°30	13°19	14°38	19°55	4°57	W16
T 17	2 2 6	28°53'34	0♌52	20° 8	11°26	13°15	13°40	29°25	0°44	8°14	20°32	13°R19	14°34	20° 1	4°54	T 17
F 18	2 6 2	29°53'51	12°59	20°23	10°56	13°59	13°47	29°30	0°42	8°15	20°34	13°18	14°31	20° 8	4°51	F 18
S 19	2 9 59	0♏54'10	24°56	20°R30	10°25	14°43	13°54	29°35	0°40	8°16	20°36	13°15	14°28	20°15	4°49	S 19
S 20	2 13 56	1°54'32	6♍48	20°29	9°52	15°27	14° 1	29°40	0°38	8°17	20°39	13°11	14°25	20°22	4°46	S 20
M21	2 17 52	2°54'55	18°40	20°19	9°19	16°11	14° 7	29°44	0°36	8°18	20°41	13° 4	14°22	20°28	4°43	M21
T 22	2 21 49	3°55'20	0♎33	19°58	8°44	16°55	14°14	29°49	0°34	8°20	20°43	12°57	14°18	20°35	4°40	T 22
W23	2 25 45	4°55'46	12°31	19°28	8° 8	17°39	14°20	29°54	0°32	8°21	20°46	12°49	14°15	20°42	4°38	W23
T 24	2 29 42	5°56'15	24°37	18°48	7°32	18°23	14°26	29°58	0°30	8°22	20°48	12°42	14°12	20°49	4°35	T 24
F 25	2 33 38	6°56'45	6♏50	17°57	6°56	19° 7	14°32	0♍ 3	0°28	8°23	20°50	12°36	14° 9	20°55	4°32	F 25
S 26	2 37 35	7°57'18	19°12	16°58	6°20	19°51	14°38	0° 7	0°27	8°25	20°53	12°32	14° 6	21° 2	4°29	S 26
S 27	2 41 31	8°57'51	1♐45	15°50	5°43	20°35	14°44	0°11	0°25	8°26	20°55	12°30	14° 3	21° 9	4°26	S 27
M28	2 45 28	9°58'26	14°29	14°35	5° 8	21°20	14°49	0°15	0°23	8°27	20°57	12°D29	13°59	21°15	4°23	M28
T 29	2 49 25	10°59'03	27°25	13°16	4°33	22° 4	14°55	0°19	0°21	8°29	21° 0	12°30	13°56	21°22	4°20	T 29
W30	2 53 21	11°59'41	10♑34	11°55	3°59	22°48	15° 0	0°23	0°20	8°30	21° 2	12°32	13°53	21°29	4°16	W30
T 31	2 57 18	13♏ 0'20	23♑58	10♏34	3♏26	23♑33	15♌ 5	0♍27	0♈18	8♑32	21♏ 4	12♐33	13♐50	21♍36	4♊13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s 7	22s40	0n18	15s40	2s20	22s35	6s40	25s44	2s11	18n 4	0n40	13n38	1n28	0s 9	0s45	22s40	0n40	6s 4	12n11	22s37	22s46	0s 3	18n14	3s 9
W 2	5 30	22 8	1 26	16 10	2 26	22 39	6 42	25 43	2 10	18 2	0 40	13 36	1 28	0 10	0 45	22 40	0 40	6 5	12 11	22 37	22 46	0 6	18 13	3 10
T 3	5 54	20 21	2 31	16 39	2 30	22 42	6 43	25 41	2 9	17 59	0 40	13 34	1 28	0 11	0 45	22 40	0 40	6 6	12 11	22 37	22 45	0 8	18 12	3 10
F 4	6 17	17 22	3 30	17 6	2 35	22 44	6 44	25 39	2 9	17 57	0 40	13 32	1 29	0 12	0 45	22 40	0 40	6 7	12 10	22 37	22 45	0 11	18 12	3 10
S 5	6 40	13 19	4 18	17 32	2 39	22 44	6 45	25 37	2 8	17 55	0 41	13 30	1 29	0 13	0 45	22 40	0 40	6 8	12 10	22 37	22 45	0 13	18 11	3 10
S 6	7 3	8 24	4 51	17 57	2 43	22 44	6 45	25 34	2 7	17 52	0 41	13 28	1 29	0 14	0 45	22 40	0 40	6 8	12 10	22 36	22 44	0 16	18 11	3 11
M 7	7 26	2 53	5 5	18 21	2 46	22 42	6 45	25 32	2 6	17 50	0 41	13 27	1 29	0 15	0 45	22 40	0 40	6 9	12 9	22 35	22 44	0 19	18 10	3 11
T 8	7 49	2n53	4 59	18 43	2 49	22 38	6 44	25 29	2 5	17 48	0 41	13 25	1 29	0 15	0 45	22 40	0 40	6 10	12 9	22 34	22 43	0 21	18 9	3 11
W 9	8 11	8 31	4 32	19 3	2 52	22 34	6 42	25 26	2 4	17 46	0 41	13 23	1 30	0 16	0 45	22 39	0 40	6 11	12 9	22 33	22 43	0 24	18 9	3 12
T 10	8 34	13 36	3 46	19 22	2 54	22 28	6 40	25 22	2 4	17 44	0 42	13 21	1 30	0 17	0 45	22 39	0 40	6 12	12 9	22 32	22 43	0 26	18 8	3 12
F 11	8 56	17 46	2 45	19 38	2 55	22 21	6 37	25 18	2 3	17 42	0 42	13 19	1 30	0 18	0 45	22 39	0 40	6 12	12 8	22 31	22 42	0 29	18 7	3 12
S 12	9 19	20 44	1 35	19 53	2 55	22 12	6 34	25 14	2 2	17 40	0 42	13 18	1 30	0 19	0 45	22 39	0 40	6 13	12 8	22 31	22 42	0 31	18 7	3 12
S 13	9 41	22 19	0 22	20 6	2 55	22 2	6 30	25 10	2 1	17 38	0 42	13 16	1 30	0 20	0 44	22 39	0 40	6 14	12 8	22 31	22 42	0 34	18 6	3 13
M14	10 3	22 31	0s51	20 16	2 54	21 50	6 25	25 6	2 0	17 36	0 42	13 14	1 30	0 21	0 44	22 39	0 39	6 15	12 7	22 31	22 41	0 36	18 5	3 13
T 15	10 25	21 28	1 59	20 24	2 52	21 37	6 19	25 1	1 59	17 34	0 43	13 13	1 31	0 21	0 44	22 39	0 39	6 15	12 7	22 31	22 41	0 39	18 5	3 13
W16	10 47	19 20	2 59	20 29	2 49	21 23	6 13	24 56	1 58	17 32	0 43	13 11	1 31	0 22	0 44	22 39	0 39	6 16	12 7	22 31	22 41	0 42	18 4	3 13
T 17	11 8	16 21	3 49	20 31	2 45	21 7	6 5	24 51	1 57	17 30	0 43	13 9	1 31	0 23	0 44	22 39	0 39	6 17	12 7	22 31	22 40	0 44	18 3	3 14
F 18	11 30	12 44	4 27	20 30	2 39	20 50	5 57	24 46	1 56	17 28	0 43	13 8	1 31	0 24	0 44	22 39	0 39	6 18	12 7	22 31	22 40	0 47	18 2	3 14
S 19	11 51	8 40	4 54	20 25	2 33	20 32	5 49	24 40	1 56	17 26	0 44	13 6	1 32	0 25	0 44	22 39	0 39	6 19	12 6	22 31	22 39	0 49	18 2	3 14
S 20	12 12	4 18	5 7	20 17	2 24	20 12	5 39	24 34	1 55	17 25	0 44	13 5	1 32	0 25	0 44	22 39	0 39	6 19	12 6	22 30	22 39	0 52	18 1	3 14
M21	12 33	0s13	5 8	20 5	2 15	19 52	5 29	24 28	1 54	17 23	0 44	13 3	1 32	0 26	0 44	22 39	0 39	6 20	12 6	22 29	22 39	0 54	18 0	3 15
T 22	12 54	4 44	4 55	19 48	2 3	19 30	5 18	24 21	1 53	17 21	0 44	13 2	1 32	0 27	0 44	22 39	0 39	6 21	12 6	22 28	22 38	0 57	18 0	3 15
W23	13 14	9 6	4 29	19 28	1 50	19 7	5 7	24 15	1 52	17 20	0 44	13 1	1 32	0 28	0 44	22 39	0 39	6 22	12 6	22 27	22 38	1 0	17 59	3 15
T 24	13 34	13 10	3 51	19 2	1 36	18 44	4 54	24 8	1 51	17 18	0 45	12 59	1 33	0 28	0 44	22 39	0 39	6 22	12 5	22 26	22 38	1 2	17 58	3 15
F 25	13 54	16 44	3 2	18 32	1 19	18 20	4 42	24 1	1 50	17 16	0 45	12 58	1 33	0 29	0 44	22 39	0 39	6 23	12 5	22 26	22 37	1 5	17 57	3 16
S 26	14 14	19 36	2 4	17 58	1 1	17 55	4 28	23 53	1 49	17 15	0 45	12 56	1 33	0 30	0 44	22 39	0 39	6 24	12 5	22 25	22 37	1 7	17 57	3 16
S 27	14 34	21 34	0 58	17 20	0 42	17 30	4 14	23 46	1 48	17 13	0 45	12 55	1 33	0 30	0 44	22 39	0 39	6 25	12 5	22 25	22 36	1 10	17 56	3 16
M28	14 53	22 29	0n11	16 39	0 22	17 4	4 0	23 38	1 47	17 12	0 46	12 54	1 33	0 31	0 44	22 39	0 39	6 25	12 5	22 25	22 36	1 12	17 55	3 16
T 29	15 12	22 12	1 21	15 56	0 2	16 38	3 45	23 30	1 46	17 11	0 46	12 53	1 34	0 32	0 44	22 39	0 39	6 26	12 5	22 25	22 36	1 15	17 54	3 16
W30	15 31	20 41	2 28	15 12	0n19	16 12	3 30	23 21	1 45	17 9	0 46	12 51	1 34	0 32	0 44	22 39	0 39	6 27	12 4	22 25	22 35	1 17	17 53	3 17
T 31	15s50	18s 1	3n28	14s27	0n39	15s47	3s15	23s13	1s44	17n 8	0n46	12n50	1n34	0s33	0s44	22s39	0n39	6s27	12n 4	22s25	22s35	1s20	17n53	3s17

Julian Day Number = 2088772.5, Delta T = 23m50s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'47, Lahiri = 10°00'47 Julian Calendar 1 Oct. 1006 == Greg. Calendar 7 Oct. 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

NOVEMBER 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 1 14	14♏ 1'00	7♒39	9°R17	2°R54	24♉17	15♌10	0♍31	0°R17	8♉33	21♏ 7	12°R34	13♐47	21♍42	4°R10	F 1
S 2	3 5 11	15° 1'42	21°36	8♏ 5	2♏25	25° 2	15°14	0°35	0♈15	8°35	21° 9	12♐34	13°44	21°49	4♊ 7	S 2
S 3	3 9 7	16° 2'24	5♓49	7° 1	1°56	25°46	15°19	0°38	0°14	8°36	21°11	12°33	13°40	21°56	4° 4	S 3
M 4	3 13 4	17° 3'08	20°17	6° 7	1°30	26°31	15°23	0°42	0°12	8°38	21°14	12°31	13°37	22° 3	4° 0	M 4
T 5	3 17 0	18° 3'52	4♈56	5°24	1° 6	27°16	15°28	0°45	0°11	8°39	21°16	12°27	13°34	22° 9	3°57	T 5
W 6	3 20 57	19° 4'38	19°39	4°52	0°44	28° 0	15°32	0°48	0° 9	8°41	21°18	12°24	13°31	22°16	3°54	W 6
T 7	3 24 53	20° 5'25	4♉20	4°32	0°24	28°45	15°35	0°52	0° 8	8°43	21°21	12°21	13°28	22°23	3°50	T 7
F 8	3 28 50	21° 6'13	18°51	4°D23	0° 6	29°30	15°39	0°55	0° 7	8°44	21°23	12°18	13°24	22°29	3°47	F 8
S 9	3 32 47	22° 7'02	3♊ 7	4°25	29♎51	0♒14	15°43	0°58	0° 6	8°46	21°26	12°17	13°21	22°36	3°43	S 9
S 10	3 36 43	23° 7'53	17° 2	4°37	29°38	0°59	15°46	1° 1	0° 4	8°48	21°28	12°D17	13°18	22°43	3°40	S 10
M11	3 40 40	24° 8'45	0♋33	4°59	29°28	1°44	15°49	1° 4	0° 3	8°49	21°30	12°18	13°15	22°50	3°36	M11
T 12	3 44 36	25° 9'39	13°41	5°29	29°21	2°29	15°52	1° 6	0° 2	8°51	21°33	12°19	13°12	22°56	3°33	T 12
W13	3 48 33	26°10'33	26°26	6° 7	29°15	3°14	15°55	1° 9	0° 1	8°53	21°35	12°21	13° 9	23° 3	3°30	W13
T 14	3 52 29	27°11'29	8♌52	6°52	29°13	3°58	15°57	1°11	0° 0	8°55	21°37	12°22	13° 5	23°10	3°26	T 14
F 15	3 56 26	28°12'27	21° 3	7°43	29°D13	4°43	16° 0	1°14	29♓59	8°57	21°40	12°23	13° 2	23°16	3°23	F 15
S 16	4 0 23	29°13'25	3♍ 3	8°39	29°15	5°28	16° 2	1°16	29°58	8°58	21°42	12°R23	12°59	23°23	3°19	S 16
S 17	4 4 19	0♐14'25	14°56	9°40	29°20	6°13	16° 4	1°18	29°57	9° 0	21°44	12°22	12°56	23°30	3°15	S 17
M18	4 8 16	1°15'26	26°48	10°45	29°27	6°58	16° 6	1°20	29°56	9° 2	21°47	12°21	12°53	23°37	3°12	M18
T 19	4 12 12	2°16'28	8♎43	11°53	29°36	7°43	16° 7	1°22	29°56	9° 4	21°49	12°20	12°50	23°43	3° 8	T 19
W20	4 16 9	3°17'31	20°44	13° 5	29°48	8°28	16° 9	1°24	29°55	9° 6	21°51	12°18	12°46	23°50	3° 5	W20
T 21	4 20 5	4°18'35	2♏55	14°19	0♏ 1	9°13	16°10	1°26	29°54	9° 8	21°54	12°17	12°43	23°57	3° 1	T 21
F 22	4 24 2	5°19'41	15°19	15°35	0°17	9°58	16°11	1°28	29°54	9°10	21°56	12°16	12°40	24° 4	2°58	F 22
S 23	4 27 58	6°20'47	27°56	16°53	0°35	10°43	16°12	1°29	29°53	9°12	21°58	12°16	12°37	24°10	2°54	S 23
S 24	4 31 55	7°21'54	10♐48	18°13	0°55	11°28	16°12	1°31	29°53	9°14	22° 1	12°D15	12°34	24°17	2°51	S 24
M25	4 35 52	8°23'02	23°55	19°35	1°17	12°13	16°13	1°32	29°52	9°16	22° 3	12°15	12°30	24°24	2°47	M25
T 26	4 39 48	9°24'10	7♑15	20°58	1°41	12°58	16°13	1°33	29°52	9°18	22° 5	12°16	12°27	24°30	2°44	T 26
W27	4 43 45	10°25'19	20°48	22°21	2° 6	13°43	16°R13	1°35	29°51	9°20	22° 8	12°16	12°24	24°37	2°40	W27
T 28	4 47 41	11°26'28	4♒33	23°46	2°33	14°28	16°13	1°36	29°51	9°22	22°10	12°16	12°21	24°44	2°37	T 28
F 29	4 51 38	12°27'37	18°27	25°12	3° 2	15°13	16°13	1°37	29°51	9°24	22°12	12°R16	12°18	24°51	2°33	F 29
S 30	4 55 34	13♐28'47	2♓29	26♏39	3♏33	15♒59	16♌12	1♍37	29♓50	9♉26	22♏14	12♐16	12♐15	24♍57	2♊30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s 8	14s18	4n18	13s44	0n59	15s21	3s 0	23s 4	1s43	17n 7	0n46	12n49	1n34	0s34	0s44	22s39	0n39	6s28	12n 4	22s25	22s35	1s22	17n52	3s17
S 2	16 26	9 45	4 53	13 4	1 17	14 57	2 44	22 55	1 42	17 6	0 47	12 48	1 35	0 34	0 44	22 38	0 39	6 29	12 4	22 25	22 34	1 25	17 51	3 17
S 3	16 44	4 36	5 12	12 28	1 33	14 32	2 29	22 46	1 41	17 5	0 47	12 47	1 35	0 35	0 44	22 38	0 39	6 30	12 4	22 25	22 34	1 27	17 50	3 17
M 4	17 1	0n54	5 11	11 56	1 48	14 8	2 13	22 36	1 40	17 3	0 47	12 46	1 35	0 35	0 44	22 38	0 39	6 30	12 4	22 25	22 33	1 30	17 50	3 18
T 5	17 18	6 24	4 50	11 30	2 0	13 45	1 58	22 27	1 39	17 2	0 47	12 45	1 35	0 36	0 44	22 38	0 39	6 31	12 4	22 25	22 33	1 33	17 49	3 18
W 6	17 35	11 35	4 10	11 10	2 11	13 23	1 42	22 17	1 38	17 1	0 48	12 44	1 36	0 36	0 44	22 38	0 39	6 32	12 4	22 24	22 33	1 35	17 48	3 18
T 7	17 52	16 4	3 14	10 55	2 19	13 2	1 27	22 6	1 37	17 1	0 48	12 43	1 36	0 37	0 44	22 38	0 39	6 32	12 4	22 24	22 32	1 38	17 47	3 18
F 8	18 8	19 32	2 6	10 46	2 26	12 42	1 12	21 56	1 36	17 0	0 48	12 42	1 36	0 37	0 44	22 38	0 39	6 33	12 3	22 23	22 32	1 40	17 46	3 18
S 9	18 24	21 43	0 50	10 42	2 30	12 23	0 58	21 46	1 35	16 59	0 48	12 41	1 36	0 38	0 44	22 38	0 39	6 34	12 3	22 23	22 31	1 43	17 46	3 18
S 10	18 39	22 30	0s26	10 44	2 33	12 5	0 43	21 35	1 34	16 58	0 49	12 40	1 36	0 38	0 44	22 38	0 39	6 34	12 3	22 23	22 31	1 45	17 45	3 19
M11	18 55	21 55	1 39	10 50	2 35	11 48	0 29	21 24	1 33	16 57	0 49	12 40	1 37	0 39	0 44	22 38	0 39	6 35	12 3	22 23	22 31	1 48	17 44	3 19
T 12	19 9	20 8	2 45	11 0	2 35	11 32	0 15	21 13	1 32	16 57	0 49	12 39	1 37	0 39	0 44	22 38	0 39	6 36	12 3	22 23	22 30	1 50	17 43	3 19
W13	19 24	17 22	3 40	11 13	2 34	11 18	0 2	21 1	1 31	16 56	0 49	12 38	1 37	0 40	0 44	22 38	0 39	6 36	12 3	22 24	22 30	1 53	17 42	3 19
T 14	19 38	13 53	4 24	11 30	2 31	11 5	0n11	20 50	1 30	16 56	0 50	12 38	1 37	0 40	0 44	22 37	0 39	6 37	12 3	22 24	22 29	1 55	17 42	3 19
F 15	19 52	9 54	4 55	11 49	2 28	10 53	0 24	20 38	1 29	16 55	0 50	12 37	1 38	0 40	0 44	22 37	0 39	6 37	12 3	22 24	22 29	1 58	17 41	3 19
S 16	20 5	5 35	5 12	12 11	2 25	10 42	0 36	20 26	1 28	16 55	0 50	12 36	1 38	0 41	0 43	22 37	0 39	6 38	12 3	22 24	22 29	2 0	17 40	3 20
S 17	20 19	1 6	5 16	12 34	2 20	10 33	0 48	20 14	1 27	16 54	0 50	12 36	1 38	0 41	0 43	22 37	0 39	6 39	12 3	22 24	22 28	2 3	17 39	3 20
M18	20 31	3s24	5 6	12 59	2 15	10 25	0 59	20 1	1 26	16 54	0 51	12 35	1 38	0 41	0 43	22 37	0 39	6 39	12 3	22 24	22 28	2 5	17 38	3 20
T 19	20 44	7 49	4 44	13 26	2 9	10 18	1 10	19 49	1 25	16 54	0 51	12 35	1 39	0 41	0 43	22 37	0 38	6 40	12 3	22 24	22 27	2 8	17 38	3 20
W20	20 56	11 58	4 8	13 53	2 3	10 12	1 20	19 36	1 24	16 54	0 51	12 34	1 39	0 42	0 43	22 37	0 38	6 40	12 3	22 23	22 27	2 10	17 37	3 20
T 21	21 7	15 42	3 21	14 21	1 57	10 8	1 30	19 23	1 23	16 54	0 51	12 34	1 39	0 42	0 43	22 37	0 38	6 41	12 3	22 23	22 27	2 13	17 36	3 20
F 22	21 18	18 48	2 24	14 50	1 51	10 4	1 40	19 10	1 22	16 53	0 52	12 33	1 39	0 42	0 43	22 37	0 38	6 41	12 3	22 23	22 26	2 15	17 35	3 20
S 23	21 29	21 5	1 19	15 19	1 44	10 2	1 49	18 57	1 21	16 53	0 52	12 33	1 40	0 42	0 43	22 36	0 38	6 42	12 3	22 23	22 26	2 18	17 35	3 20
S 24	21 39	22 19	0 8	15 48	1 37	10 1	1 58	18 43	1 20	16 54	0 52	12 33	1 40	0 43	0 43	22 36	0 38	6 43	12 3	22 23	22 25	2 20	17 34	3 20
M25	21 49	22 21	1n 4	16 17	1 29	10 0	2 7	18 30	1 19	16 54	0 52	12 33	1 40	0 43	0 43	22 36	0 38	6 43	12 3	22 23	22 25	2 23	17 33	3 20
T 26	21 59	21 8	2 14	16 46	1 22	10 1	2 15	18 16	1 18	16 54	0 53	12 32	1 40	0 43	0 43	22 36	0 38	6 44	12 3	22 23	22 25	2 25	17 32	3 21
W27	22 8	18 41	3 18	17 15	1 15	10 3	2 22	18 2	1 17	16 54	0 53	12 32	1 41	0 43	0 43	22 36	0 38	6 44	12 3	22 23	22 24	2 28	17 32	3 21
T 28	22 16	15 10	4 11	17 44	1 7	10 5	2 29	17 48	1 16	16 54	0 53	12 32	1 41	0 43	0 43	22 36	0 38	6 45	12 3	22 23	22 24	2 30	17 31	3 21
F 29	22 25	10 46	4 50	18 12	1 0	10 9	2 36	17 33	1 15	16 55	0 53	12 32	1 41	0 43	0 43	22 36	0 38	6 45	12 3	22 23	22 23	2 33	17 30	3 21
S 30	22s32	5s47	5n13	18s40	0n52	10s13	2n43	17s19	1s14	16n55	0n54	12n32	1n41	0s43	0s43	22s36	0n38	6s46	12n 3	22s23	22s23	2s35	17n29	3s21

Julian Day Number = 2088803.5, Delta T = 23m50s
Ecliptic obliquity = 23°34'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'51, Lahiri = 10°00'52 Julian Calendar 1 Nov. 1006 == Greg. Calendar 7 Nov. 1006

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ASTRODIENST EPHEMERIS for the year 1006
geocentric

DECEMBER 1006 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 59 31	14♐29'57	16♓38	28♏ 6	4♏ 5	16♒44	16°R12	1♍38	29°R50	9♑28	22♏17	12°D16	12♐11	25♍ 4	2°R26	S 1
M 2	5 3 27	15°31'06	0♈51	29°34	4°38	17°29	16♌11	1°39	29♓50	9°30	22°19	12♐16	12° 8	25°11	2♊23	M 2
T 3	5 7 24	16°32'16	15° 6	1♐ 2	5°13	18°14	16°10	1°39	29°50	9°32	22°21	12°16	12° 5	25°17	2°19	T 3
W 4	5 11 21	17°33'26	29°20	2°31	5°50	18°59	16° 8	1°39	29°D50	9°35	22°23	12°17	12° 2	25°24	2°16	W 4
T 5	5 15 17	18°34'37	13♉31	4° 0	6°27	19°44	16° 7	1°40	29°50	9°37	22°25	12°17	11°59	25°31	2°13	T 5
F 6	5 19 14	19°35'47	27°33	5°30	7° 6	20°29	16° 5	1°40	29°50	9°39	22°28	12°18	11°56	25°38	2° 9	F 6
S 7	5 23 10	20°36'57	11♊25	7° 0	7°46	21°14	16° 3	1°R40	29°50	9°41	22°30	12°R18	11°52	25°44	2° 6	S 7
S 8	5 27 7	21°38'08	25° 2	8°30	8°28	21°59	16° 1	1°40	29°51	9°43	22°32	12°18	11°49	25°51	2° 3	S 8
M 9	5 31 3	22°39'19	8♋22	10° 1	9°10	22°44	15°59	1°40	29°51	9°45	22°34	12°17	11°46	25°58	2° 0	M 9
T 10	5 35 0	23°40'30	21°24	11°32	9°54	23°29	15°56	1°39	29°51	9°48	22°36	12°16	11°43	26° 4	1°56	T 10
W11	5 38 56	24°41'41	4♌ 9	13° 4	10°39	24°14	15°54	1°39	29°51	9°50	22°38	12°14	11°40	26°11	1°53	W11
T 12	5 42 53	25°42'53	16°36	14°36	11°24	24°59	15°51	1°38	29°52	9°52	22°40	12°12	11°36	26°18	1°50	T 12
F 13	5 46 50	26°44'04	28°49	16° 8	12°11	25°44	15°48	1°38	29°52	9°54	22°42	12°10	11°33	26°25	1°47	F 13
S 14	5 50 46	27°45'16	10♍50	17°41	12°59	26°29	15°45	1°37	29°53	9°56	22°44	12° 9	11°30	26°31	1°44	S 14
S 15	5 54 43	28°46'28	22°45	19°14	13°47	27°14	15°41	1°36	29°53	9°59	22°46	12° 8	11°27	26°38	1°41	S 15
M16	5 58 39	29°47'40	4♎37	20°47	14°37	27°59	15°38	1°35	29°54	10° 1	22°48	12°D 8	11°24	26°45	1°38	M16
T 17	6 2 36	0♏48'52	16°31	22°21	15°27	28°44	15°34	1°34	29°55	10° 3	22°50	12° 9	11°21	26°52	1°35	T 17
W18	6 6 32	1°50'05	28°32	23°55	16°18	29°29	15°30	1°33	29°55	10° 5	22°52	12°10	11°17	26°58	1°32	W18
T 19	6 10 29	2°51'17	10♏45	25°29	17°10	0♓14	15°26	1°32	29°56	10° 8	22°54	12°12	11°14	27° 5	1°29	T 19
F 20	6 14 25	3°52'30	23°14	27° 4	18° 2	0°59	15°21	1°30	29°57	10°10	22°56	12°13	11°11	27°12	1°26	F 20
S 21	6 18 22	4°53'42	6♐ 1	28°40	18°55	1°44	15°17	1°29	29°58	10°12	22°58	12°R14	11° 8	27°18	1°23	S 21
S 22	6 22 19	5°54'54	19° 9	0♑15	19°49	2°29	15°12	1°27	29°59	10°15	23° 0	12°14	11° 5	27°25	1°21	S 22
M23	6 26 15	6°56'06	2♑37	1°52	20°44	3°14	15° 8	1°25	29°59	10°17	23° 2	12°13	11° 2	27°32	1°18	M23
T 24	6 30 12	7°57'18	16°24	3°28	21°39	3°59	15° 3	1°24	0♈ 1	10°19	23° 4	12°10	10°58	27°39	1°15	T 24
W25	6 34 8	8°58'29	0♒26	5° 5	22°35	4°44	14°57	1°22	0° 2	10°21	23° 6	12° 7	10°55	27°45	1°13	W25
T 26	6 38 5	9°59'39	14°40	6°43	23°31	5°28	14°52	1°20	0° 3	10°24	23° 7	12° 2	10°52	27°52	1°10	T 26
F 27	6 42 1	11° 0'48	29° 0	8°21	24°28	6°13	14°47	1°18	0° 4	10°26	23° 9	11°58	10°49	27°59	1° 8	F 27
S 28	6 45 58	12° 1'57	13♓22	10° 0	25°25	6°58	14°41	1°15	0° 5	10°28	23°11	11°54	10°46	28° 5	1° 5	S 28
S 29	6 49 55	13° 3'05	27°41	11°39	26°23	7°43	14°35	1°13	0° 7	10°30	23°13	11°52	10°42	28°12	1° 3	S 29
M30	6 53 51	14° 4'12	11♈53	13°19	27°21	8°28	14°29	1°11	0° 8	10°33	23°14	11°D51	10°39	28°19	1° 0	M30
T 31	6 57 48	15♉ 5'18	25♈57	14♉59	28♏20	9♓12	14♌23	1♍ 8	0♈ 9	10♉35	23♏16	11♐51	10♐36	28♍26	0♊58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s40	0s27	5n16	19s 7	0n45	10s18	2n49	17s 4	1s13	16n56	0n54	12n32	1n42	0s43	0s43	22s35	0n38	6s46	12n 3	22s23	22s22	2s38	17n29	3s21
M 2	22 47	4n56	5 1	19 34	0 37	10 24	2 54	16 49	1 12	16 56	0 54	12 32	1 42	0 43	0 43	22 35	0 38	6 46	12 3	22 23	22 22	2 40	17 28	3 21
T 3	22 53	10 4	4 27	20 0	0 30	10 30	3 0	16 35	1 11	16 57	0 55	12 32	1 42	0 43	0 43	22 35	0 38	6 47	12 4	22 23	22 22	2 43	17 27	3 21
W 4	22 59	14 40	3 36	20 25	0 22	10 38	3 5	16 19	1 10	16 57	0 55	12 32	1 42	0 43	0 43	22 35	0 38	6 47	12 4	22 23	22 21	2 45	17 26	3 21
T 5	23 4	18 24	2 33	20 49	0 15	10 46	3 10	16 4	1 9	16 58	0 55	12 32	1 43	0 43	0 43	22 35	0 38	6 48	12 4	22 23	22 21	2 48	17 26	3 21
F 6	23 9	21 2	1 21	21 13	0 8	10 54	3 14	15 49	1 8	16 59	0 55	12 32	1 43	0 43	0 43	22 35	0 38	6 48	12 4	22 23	22 20	2 50	17 25	3 21
S 7	23 14	22 21	0 5	21 35	0 0	11 3	3 18	15 33	1 7	17 0	0 56	12 33	1 43	0 43	0 43	22 35	0 38	6 49	12 4	22 23	22 20	2 53	17 24	3 21
S 8	23 18	22 18	1s10	21 57	0s 7	11 13	3 22	15 18	1 6	17 0	0 56	12 33	1 44	0 43	0 43	22 35	0 38	6 49	12 4	22 23	22 20	2 55	17 24	3 21
M 9	23 22	20 59	2 19	22 18	0 14	11 23	3 25	15 2	1 5	17 1	0 56	12 33	1 44	0 43	0 43	22 34	0 38	6 49	12 4	22 23	22 19	2 58	17 23	3 21
T 10	23 25	18 34	3 20	22 38	0 21	11 34	3 29	14 46	1 4	17 2	0 56	12 34	1 44	0 43	0 43	22 34	0 38	6 50	12 4	22 23	22 19	3 0	17 22	3 21
W11	23 28	15 17	4 9	22 56	0 27	11 45	3 32	14 30	1 3	17 3	0 57	12 34	1 44	0 42	0 42	22 34	0 38	6 50	12 4	22 23	22 18	3 3	17 22	3 21
T 12	23 30	11 25	4 45	23 14	0 34	11 56	3 34	14 14	1 2	17 4	0 57	12 34	1 45	0 42	0 42	22 34	0 38	6 51	12 5	22 23	22 18	3 5	17 21	3 21
F 13	23 32	7 9	5 7	23 31	0 40	12 8	3 37	13 58	1 1	17 6	0 57	12 35	1 45	0 42	0 42	22 34	0 38	6 51	12 5	22 22	22 17	3 8	17 21	3 21
S 14	23 33	2 40	5 16	23 46	0 47	12 20	3 39	13 42	1 0	17 7	0 57	12 35	1 45	0 42	0 42	22 34	0 38	6 51	12 5	22 22	22 17	3 10	17 20	3 21
S 15	23 34	1s51	5 11	24 0	0 53	12 33	3 41	13 25	0 59	17 8	0 58	12 36	1 45	0 41	0 42	22 33	0 38	6 52	12 5	22 22	22 16	3 13	17 19	3 21
M16	23 34	6 18	4 52	24 13	0 59	12 46	3 43	13 9	0 58	17 9	0 58	12 37	1 46	0 41	0 42	22 33	0 38	6 52	12 5	22 22	22 16	3 15	17 19	3 21
T 17	23 34	10 32	4 21	24 25	1 4	12 59	3 44	12 52	0 57	17 11	0 58	12 37	1 46	0 41	0 42	22 33	0 38	6 52	12 5	22 22	22 16	3 17	17 18	3 21
W18	23 33	14 24	3 38	24 35	1 10	13 12	3 45	12 35	0 56	17 12	0 58	12 38	1 46	0 41	0 42	22 33	0 38	6 53	12 5	22 22	22 15	3 20	17 18	3 21
T 19	23 32	17 44	2 45	24 45	1 15	13 26	3 46	12 19	0 55	17 14	0 59	12 38	1 46	0 40	0 42	22 33	0 38	6 53	12 6	22 23	22 15	3 22	17 17	3 21
F 20	23 31	20 20	1 43	24 52	1 20	13 40	3 47	12 2	0 54	17 15	0 59	12 39	1 47	0 40	0 42	22 33	0 38	6 53	12 6	22 23	22 14	3 25	17 17	3 21
S 21	23 29	21 59	0 34	24 59	1 25	13 54	3 48	11 45	0 53	17 17	0 59	12 40	1 47	0 39	0 42	22 33	0 38	6 53	12 6	22 23	22 14	3 27	17 16	3 21
S 22	23 26	22 29	0n38	25 4	1 30	14 8	3 48	11 28	0 52	17 18	0 59	12 41	1 47	0 39	0 42	22 32	0 38	6 54	12 6	22 23	22 13	3 30	17 16	3 21
M23	23 23	21 43	1 50	25 8	1 34	14 22	3 48	11 10	0 51	17 20	0 59	12 42	1 47	0 39	0 42	22 32	0 38	6 54	12 6	22 23	22 13	3 32	17 15	3 21
T 24	23 20	19 38	2 57	25 10	1 39	14 36	3 48	10 53	0 50	17 22	1 0	12 43	1 48	0 38	0 42	22 32	0 38	6 54	12 7	22 22	22 12	3 35	17 15	3 21
W25	23 16	16 21	3 54	25 10	1 42	14 50	3 48	10 36	0 49	17 23	1 0	12 43	1 48	0 38	0 42	22 32	0 38	6 54	12 7	22 22	22 12	3 37	17 14	3 21
T 26	23 11	12 5	4 38	25 10	1 46	15 5	3 48	10 18	0 48	17 25	1 0	12 44	1 48	0 37	0 42	22 32	0 38	6 55	12 7	22 21	22 12	3 40	17 14	3 21
F 27	23 6	7 7	5 5	25 7	1 49	15 19	3 47	10 1	0 48	17 27	1 0	12 45	1 48	0 37	0 42	22 32	0 38	6 55	12 7	22 21	22 11	3 42	17 13	3 21
S 28	23 1	1 46	5 13	25 3	1 52	15 33	3 46	9 43	0 47	17 29	1 1	12 46	1 48	0 36	0 42	22 31	0 38	6 55	12 7	22 20	22 11	3 44	17 13	3 21
S 29	22 55	3n40	5 1	24 58	1 55	15 48	3 45	9 26	0 46	17 31	1 1	12 47	1 49	0 36	0 42	22 31	0 38	6 55	12 8	22 20	22 10	3 47	17 12	3 21
M30	22 49	8 52	4 31	24 51	1 58	16 2	3 44	9 8	0 45	17 33	1 1	12 48	1 49	0 35	0 42	22 31	0 38	6 55	12 8	22 20	22 10	3 49	17 12	3 21
T 31	22s42	13n34	3n45	24s42	2s 0	16s16	3n43	8s50	0s44	17n35	1n 1	12n50	1n49	0s35	0s42	22s31	0n38	6s55	12n 8	22s20	22s 9	3s52	17n12	3s20

Julian Day Number = 2088833.5, Delta T = 23m50s
Ecliptic obliquity = 23°34'01, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°53'55, Lahiri = 10°00'56 Julian Calendar 1 Dec. 1006 == Greg. Calendar 7 Dec. 1006

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

JANUARY 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 1 44	16♉ 6'23	9♉52	16♉40	29♏20	9♓57	14°R17	1°R 6	0♈11	10♉37	23♏18	11♐53	10♐33	28♍32	0°R56	W 1
T 2	7 5 41	17° 7'26	23°36	18°21	0♐19	10°42	14♌11	1♍ 3	0°12	10°40	23°19	11°54	10°30	28°39	0♊54	T 2
F 3	7 9 37	18° 8'29	7♊11	20° 3	1°20	11°26	14° 5	1° 0	0°14	10°42	23°21	11°R55	10°27	28°46	0°52	F 3
S 4	7 13 34	19° 9'31	20°34	21°46	2°20	12°11	13°58	0°57	0°15	10°44	23°22	11°55	10°23	28°52	0°50	S 4
S 5	7 17 30	20°10'32	3♋46	23°29	3°21	12°56	13°51	0°54	0°17	10°46	23°24	11°53	10°20	28°59	0°48	S 5
M 6	7 21 27	21°11'32	16°47	25°13	4°22	13°40	13°45	0°51	0°18	10°49	23°25	11°49	10°17	29° 6	0°46	M 6
T 7	7 25 24	22°12'31	29°34	26°57	5°24	14°25	13°38	0°48	0°20	10°51	23°27	11°43	10°14	29°13	0°44	T 7
W 8	7 29 20	23°13'29	12♌ 9	28°42	6°26	15° 9	13°31	0°45	0°22	10°53	23°28	11°35	10°11	29°19	0°42	W 8
T 9	7 33 17	24°14'26	24°31	0♒27	7°29	15°54	13°24	0°42	0°24	10°55	23°30	11°27	10° 8	29°26	0°41	T 9
F 10	7 37 13	25°15'22	6♍41	2°12	8°31	16°38	13°17	0°38	0°25	10°58	23°31	11°19	10° 4	29°33	0°39	F 10
S 11	7 41 10	26°16'17	18°42	3°58	9°35	17°23	13° 9	0°35	0°27	11° 0	23°32	11°12	10° 1	29°39	0°38	S 11
S 12	7 45 6	27°17'11	0♎36	5°44	10°38	18° 7	13° 2	0°31	0°29	11° 2	23°34	11° 6	9°58	29°46	0°36	S 12
M13	7 49 3	28°18'05	12°27	7°31	11°42	18°51	12°55	0°28	0°31	11° 4	23°35	11° 2	9°55	29°53	0°35	M13
T 14	7 52 59	29°18'57	24°19	9°17	12°46	19°36	12°47	0°24	0°33	11° 6	23°36	11°D 1	9°52	29°59	0°33	T 14
W15	7 56 56	0♒19'49	6♏18	11° 3	13°50	20°20	12°39	0°20	0°35	11° 9	23°37	11° 1	9°48	0♎ 6	0°32	W15
T 16	8 0 53	1°20'40	18°29	12°49	14°55	21° 4	12°32	0°16	0°37	11°11	23°39	11° 2	9°45	0°13	0°31	T 16
F 17	8 4 49	2°21'29	0♐56	14°34	15°59	21°48	12°24	0°12	0°39	11°13	23°40	11° 3	9°42	0°20	0°30	F 17
S 18	8 8 46	3°22'18	13°45	16°19	17° 4	22°33	12°16	0° 9	0°42	11°15	23°41	11°R 3	9°39	0°26	0°29	S 18
S 19	8 12 42	4°23'06	26°58	18° 2	18°10	23°17	12° 9	0° 4	0°44	11°17	23°42	11° 2	9°36	0°33	0°28	S 19
M20	8 16 39	5°23'52	10♑38	19°44	19°15	24° 1	12° 1	0° 0	0°46	11°19	23°43	10°59	9°33	0°40	0°27	M20
T 21	8 20 35	6°24'37	24°43	21°24	20°21	24°45	11°53	29♌56	0°48	11°21	23°44	10°53	9°29	0°47	0°26	T 21
W22	8 24 32	7°25'21	9♒ 9	23° 2	21°27	25°29	11°45	29°52	0°51	11°23	23°45	10°44	9°26	0°53	0°25	W22
T 23	8 28 28	8°26'03	23°52	24°37	22°33	26°13	11°37	29°48	0°53	11°26	23°46	10°35	9°23	1° 0	0°24	T 23
F 24	8 32 25	9°26'44	8♓41	26° 9	23°39	26°57	11°29	29°44	0°55	11°28	23°47	10°26	9°20	1° 7	0°24	F 24
S 25	8 36 22	10°27'23	23°30	27°37	24°46	27°41	11°21	29°39	0°58	11°30	23°48	10°17	9°17	1°13	0°23	S 25
S 26	8 40 18	11°28'00	8♈10	29° 0	25°53	28°25	11°13	29°35	1° 0	11°32	23°49	10°11	9°14	1°20	0°23	S 26
M27	8 44 15	12°28'36	22°35	0♓18	27° 0	29° 9	11° 5	29°30	1° 3	11°34	23°50	10° 7	9°10	1°27	0°22	M27
T 28	8 48 11	13°29'09	6♉43	1°30	28° 7	29°53	10°57	29°26	1° 5	11°36	23°51	10° 5	9° 7	1°34	0°22	T 28
W29	8 52 8	14°29'41	20°33	2°36	29°14	0♈37	10°50	29°21	1° 8	11°38	23°51	10°D 5	9° 4	1°40	0°22	W29
T 30	8 56 4	15°30'11	4♊ 5	3°34	0♉21	1°20	10°42	29°17	1°11	11°40	23°52	10°R 5	9° 1	1°47	0°22	T 30
F 31	9 0 1	16♒30'39	17♊21	4♓24	1♉29	2♈ 4	10♌34	29♌12	1♈13	11♉42	23♏53	10♐ 5	8♐58	1♎54	0♊22	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s35	17n28	2n46	24s32	2s 1	16s30	3n42	8s32	0s43	17n37	1n 2	12n51	1n49	0s34	0s42	22s31	0n38	6s56	12n 8	22s20	22s 9	3s54	17n11	3s20
T 2	22 28	20 22	1 38	24 19	2 3	16 44	3 40	8 14	0 42	17 39	1 2	12 52	1 50	0 33	0 42	22 31	0 38	6 56	12 9	22 20	22 8	3 57	17 11	3 20
F 3	22 20	22 3	0 26	24 6	2 3	16 58	3 39	7 56	0 41	17 41	1 2	12 53	1 50	0 33	0 42	22 30	0 38	6 56	12 9	22 20	22 8	3 59	17 10	3 20
S 4	22 11	22 27	0s47	23 50	2 4	17 12	3 37	7 38	0 40	17 43	1 2	12 54	1 50	0 32	0 42	22 30	0 38	6 56	12 9	22 20	22 8	4 1	17 10	3 20
S 5	22 3	21 35	1 56	23 33	2 4	17 25	3 35	7 20	0 39	17 45	1 2	12 56	1 50	0 31	0 42	22 30	0 38	6 56	12 9	22 20	22 7	4 4	17 10	3 20
M 6	21 53	19 34	2 58	23 14	2 4	17 38	3 33	7 2	0 38	17 47	1 3	12 57	1 50	0 31	0 41	22 30	0 38	6 56	12 10	22 19	22 7	4 6	17 10	3 20
T 7	21 44	16 36	3 50	22 53	2 3	17 52	3 31	6 44	0 37	17 49	1 3	12 58	1 51	0 30	0 41	22 30	0 38	6 56	12 10	22 19	22 6	4 9	17 9	3 20
W 8	21 33	12 56	4 29	22 31	2 1	18 4	3 29	6 26	0 36	17 52	1 3	13 0	1 51	0 29	0 41	22 29	0 38	6 56	12 10	22 18	22 6	4 11	17 9	3 20
T 9	21 23	8 47	4 55	22 6	1 59	18 17	3 26	6 8	0 35	17 54	1 3	13 1	1 51	0 28	0 41	22 29	0 38	6 56	12 10	22 17	22 5	4 14	17 9	3 20
F 10	21 12	4 21	5 7	21 40	1 57	18 29	3 24	5 50	0 34	17 56	1 3	13 2	1 51	0 28	0 41	22 29	0 38	6 57	12 11	22 15	22 5	4 16	17 9	3 20
S 11	21 1	0s11	5 6	21 13	1 54	18 41	3 21	5 32	0 33	17 58	1 3	13 4	1 52	0 27	0 41	22 29	0 38	6 57	12 11	22 14	22 4	4 18	17 8	3 19
S 12	20 49	4 41	4 51	20 43	1 51	18 53	3 18	5 13	0 33	18 1	1 4	13 5	1 52	0 26	0 41	22 29	0 38	6 57	12 11	22 14	22 4	4 21	17 8	3 19
M13	20 37	8 59	4 24	20 12	1 46	19 5	3 16	4 55	0 32	18 3	1 4	13 7	1 52	0 25	0 41	22 29	0 38	6 57	12 12	22 13	22 3	4 23	17 8	3 19
T 14	20 24	12 57	3 45	19 39	1 41	19 16	3 13	4 37	0 31	18 5	1 4	13 8	1 52	0 24	0 41	22 28	0 38	6 57	12 12	22 13	22 3	4 26	17 8	3 19
W15	20 11	16 28	2 56	19 5	1 36	19 27	3 10	4 18	0 30	18 7	1 4	13 10	1 52	0 24	0 41	22 28	0 38	6 57	12 12	22 13	22 2	4 28	17 8	3 19
T 16	19 58	19 19	1 59	18 29	1 30	19 37	3 7	4 0	0 29	18 10	1 4	13 11	1 52	0 23	0 41	22 28	0 38	6 57	12 12	22 13	22 2	4 30	17 7	3 19
F 17	19 44	21 20	0 54	17 52	1 23	19 47	3 3	3 42	0 28	18 12	1 4	13 13	1 53	0 22	0 41	22 28	0 38	6 57	12 13	22 13	22 1	4 33	17 7	3 19
S 18	19 30	22 20	0n14	17 14	1 15	19 57	3 0	3 23	0 27	18 14	1 5	13 14	1 53	0 21	0 41	22 28	0 38	6 57	12 13	22 13	22 1	4 35	17 7	3 19
S 19	19 16	22 8	1 24	16 34	1 7	20 6	2 57	3 5	0 26	18 17	1 5	13 16	1 53	0 20	0 41	22 28	0 38	6 57	12 13	22 13	22 0	4 38	17 7	3 19
M20	19 1	20 37	2 32	15 53	0 58	20 15	2 53	2 47	0 25	18 19	1 5	13 18	1 53	0 19	0 41	22 27	0 38	6 56	12 14	22 13	22 0	4 40	17 7	3 18
T 21	18 46	17 49	3 32	15 12	0 48	20 23	2 50	2 28	0 25	18 21	1 5	13 19	1 53	0 18	0 41	22 27	0 38	6 56	12 14	22 12	22 0	4 42	17 7	3 18
W22	18 31	13 53	4 20	14 30	0 37	20 31	2 47	2 10	0 24	18 24	1 5	13 21	1 54	0 17	0 41	22 27	0 38	6 56	12 14	22 11	21 59	4 45	17 7	3 18
T 23	18 15	9 3	4 52	13 47	0 26	20 39	2 43	1 52	0 23	18 26	1 5	13 23	1 54	0 16	0 41	22 27	0 38	6 56	12 15	22 9	21 59	4 47	17 7	3 18
F 24	17 59	3 39	5 4	13 5	0 14	20 46	2 39	1 33	0 22	18 28	1 5	13 24	1 54	0 15	0 41	22 27	0 38	6 56	12 15	22 8	21 58	4 50	17 7	3 18
S 25	17 43	1n56	4 56	12 23	0 1	20 52	2 36	1 15	0 21	18 31	1 5	13 26	1 54	0 14	0 41	22 26	0 38	6 56	12 15	22 7	21 58	4 52	17 7	3 18
S 26	17 26	7 22	4 29	11 41	0n13	20 58	2 32	0 56	0 20	18 33	1 6	13 28	1 54	0 13	0 41	22 26	0 38	6 56	12 16	22 6	21 57	4 54	17 7	3 18
M27	17 9	12 19	3 45	11 0	0 27	21 4	2 28	0 38	0 19	18 35	1 6	13 29	1 54	0 12	0 41	22 26	0 38	6 56	12 16	22 5	21 57	4 57	17 7	3 17
T 28	16 52	16 28	2 48	10 21	0 42	21 9	2 24	0 20	0 18	18 38	1 6	13 31	1 54	0 11	0 41	22 26	0 38	6 56	12 16	22 5	21 56	4 59	17 7	3 17
W29	16 34	19 37	1 42	9 43	0 57	21 14	2 20	0 2	0 18	18 40	1 6	13 33	1 55	0 10	0 41	22 26	0 38	6 56	12 17	22 5	21 56	5 1	17 7	3 17
T 30	16 16	21 36	0 32	9 8	1 12	21 18	2 16	0n17	0 17	18 42	1 6	13 34	1 55	0 9	0 41	22 26	0 38	6 55	12 17	22 5	21 55	5 4	17 7	3 17
F 31	15s58	22n19	0s39	8s35	1n28	21s21	2n12	0n35	0s16	18n44	1n 6	13n36	1n55	0s 8	0s41	22s25	0n38	6s55	12n17	22s 5	21s55	5s 6	17n 7	3s17

Julian Day Number = 2088864.5, Delta T = 23m49s
Ecliptic obliquity = 23°34'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'00, Lahiri = 10°01'00 Julian Calendar 1 Jan. 1007 == Greg. Calendar 7 Jan. 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

FEBRUARY 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 3 57	17♒31'05	0♋23	5♓ 6	2♑37	2♈48	10°R26	29°R 8	1♈16	11♑44	23♏54	10°R 3	8♐54	2♎ 0	0°D21	S 1
S 2	9 7 54	18°31'29	13°14	5°38	3°44	3°32	10♌18	29♌ 3	1°19	11°46	23°54	9♐59	8°51	2° 7	0♊22	S 2
M 3	9 11 51	19°31'51	25°53	6° 1	4°52	4°15	10°10	28°58	1°21	11°47	23°55	9°52	8°48	2°14	0°22	M 3
T 4	9 15 47	20°32'12	8♌23	6°15	6° 1	4°59	10° 3	28°54	1°24	11°49	23°55	9°41	8°45	2°21	0°22	T 4
W 5	9 19 44	21°32'30	20°44	6°R18	7° 9	5°42	9°55	28°49	1°27	11°51	23°56	9°29	8°42	2°27	0°22	W 5
T 6	9 23 40	22°32'47	2♍56	6°12	8°17	6°26	9°47	28°44	1°30	11°53	23°56	9°15	8°39	2°34	0°22	T 6
F 7	9 27 37	23°33'02	15° 0	5°56	9°26	7° 9	9°40	28°39	1°33	11°55	23°57	9° 2	8°35	2°41	0°23	F 7
S 8	9 31 33	24°33'15	26°57	5°31	10°34	7°53	9°32	28°35	1°35	11°57	23°57	8°49	8°32	2°47	0°23	S 8
S 9	9 35 30	25°33'26	8♎49	4°57	11°43	8°36	9°25	28°30	1°38	11°58	23°58	8°39	8°29	2°54	0°24	S 9
M10	9 39 26	26°33'36	20°39	4°16	12°52	9°19	9°18	28°25	1°41	12° 0	23°58	8°31	8°26	3° 1	0°25	M10
T 11	9 43 23	27°33'44	2♏30	3°28	14° 1	10° 3	9°10	28°20	1°44	12° 2	23°58	8°26	8°23	3° 8	0°25	T 11
W12	9 47 20	28°33'51	14°27	2°35	15°10	10°46	9° 3	28°15	1°47	12° 4	23°59	8°23	8°19	3°14	0°26	W12
T 13	9 51 16	29°33'56	26°34	1°38	16°20	11°29	8°56	28°11	1°50	12° 5	23°59	8°D22	8°16	3°21	0°27	T 13
F 14	9 55 13	0♓33'59	8♐57	0°38	17°29	12°12	8°49	28° 6	1°53	12° 7	23°59	8°R23	8°13	3°28	0°28	F 14
S 15	9 59 9	1°34'01	21°42	29♒37	18°38	12°55	8°43	28° 1	1°56	12° 9	23°59	8°22	8°10	3°34	0°29	S 15
S 16	10 3 6	2°34'01	4♑52	28°36	19°48	13°39	8°36	27°56	1°59	12°10	23°59	8°20	8° 7	3°41	0°30	S 16
M17	10 7 2	3°33'59	18°31	27°37	20°58	14°22	8°29	27°52	2° 3	12°12	24° 0	8°16	8° 4	3°48	0°31	M17
T 18	10 10 59	4°33'56	2♒40	26°41	22° 7	15° 5	8°23	27°47	2° 6	12°14	24° 0	8° 8	8° 0	3°55	0°33	T 18
W19	10 14 55	5°33'50	17°16	25°49	23°17	15°48	8°16	27°42	2° 9	12°15	24° 0	7°59	7°57	4° 1	0°34	W19
T 20	10 18 52	6°33'43	2♓13	25° 1	24°27	16°31	8°10	27°37	2°12	12°17	24°R 0	7°47	7°54	4° 8	0°35	T 20
F 21	10 22 49	7°33'34	17°23	24°18	25°37	17°14	8° 4	27°33	2°15	12°18	24° 0	7°36	7°51	4°15	0°37	F 21
S 22	10 26 45	8°33'23	2♈34	23°42	26°47	17°56	7°58	27°28	2°18	12°20	24° 0	7°25	7°48	4°21	0°38	S 22
S 23	10 30 42	9°33'09	17°37	23°11	27°57	18°39	7°52	27°23	2°22	12°21	24° 0	7°16	7°45	4°28	0°40	S 23
M24	10 34 38	10°32'53	2♉21	22°47	29° 7	19°22	7°46	27°19	2°25	12°22	23°59	7°11	7°41	4°35	0°41	M24
T 25	10 38 35	11°32'35	16°44	22°29	0♒18	20° 5	7°41	27°14	2°28	12°24	23°59	7° 8	7°38	4°41	0°43	T 25
W26	10 42 31	12°32'15	0♊41	22°17	1°28	20°47	7°35	27°10	2°31	12°25	23°59	7° 7	7°35	4°48	0°45	W26
T 27	10 46 28	13°31'52	14°14	22°D12	2°38	21°30	7°30	27° 5	2°35	12°27	23°59	7° 7	7°32	4°55	0°47	T 27
F 28	10 50 24	14♓31'27	27♊26	22♒13	3♒49	22♈13	7♌25	27♌ 1	2♈38	12♑28	23♏59	7♐ 6	7♐29	5♎ 2	0♊49	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15s40	21n48	1s46	8s 5	1n44	21s24	2n 8	0n53	0s15	18n47	1n 6	13n38	1n55	0s 7	0s41	22s25	0n38	6s55	12n18	22s 5	21s54	5s 9	17n 8	3s17	S 1
S 2	15 21	20 9	2 46	7 39	1 59	21 27	2 4	1 11	0 14	18 49	1 6	13 40	1 55	0 6	0 41	22 25	0 38	6 55	12 18	22 4	21 54	5 11	17 8	3 17	S 2
M 3	15 2	17 31	3 38	7 16	2 15	21 28	2 0	1 30	0 13	18 51	1 6	13 41	1 55	0 5	0 41	22 25	0 38	6 55	12 18	22 3	21 53	5 13	17 8	3 17	M 3
T 4	14 43	14 7	4 18	6 57	2 29	21 30	1 56	1 48	0 13	18 53	1 6	13 43	1 55	0 4	0 41	22 25	0 38	6 55	12 19	22 1	21 53	5 16	17 8	3 16	T 4
W 5	14 24	10 9	4 45	6 43	2 44	21 30	1 52	2 6	0 12	18 55	1 6	13 45	1 55	0 2	0 41	22 25	0 38	6 54	12 19	21 59	21 52	5 18	17 8	3 16	W 5
T 6	14 4	5 50	4 59	6 33	2 57	21 31	1 48	2 24	0 11	18 57	1 6	13 47	1 56	0 1	0 41	22 24	0 38	6 54	12 19	21 57	21 52	5 20	17 9	3 16	T 6
F 7	13 44	1 21	4 59	6 27	3 9	21 30	1 44	2 42	0 10	18 59	1 6	13 49	1 56	0 0	0 40	22 24	0 38	6 54	12 20	21 55	21 51	5 23	17 9	3 16	F 7
S 8	13 24	3s 9	4 46	6 27	3 20	21 29	1 40	3 0	0 9	19 2	1 6	13 50	1 56	0n 1	0 40	22 24	0 38	6 54	12 20	21 53	21 51	5 25	17 9	3 16	S 8
S 9	13 4	7 30	4 21	6 30	3 29	21 28	1 35	3 18	0 9	19 4	1 6	13 52	1 56	0 2	0 40	22 24	0 38	6 53	12 20	21 52	21 50	5 27	17 9	3 16	S 9
M10	12 44	11 34	3 44	6 39	3 36	21 26	1 31	3 36	0 8	19 6	1 7	13 54	1 56	0 3	0 40	22 24	0 38	6 53	12 21	21 50	21 50	5 30	17 9	3 16	M10
T 11	12 23	15 11	2 58	6 51	3 41	21 23	1 27	3 53	0 7	19 8	1 7	13 56	1 56	0 5	0 40	22 24	0 38	6 53	12 21	21 50	21 49	5 32	17 10	3 15	T 11
W12	12 2	18 13	2 3	7 7	3 45	21 19	1 23	4 11	0 6	19 9	1 7	13 57	1 56	0 6	0 40	22 23	0 38	6 53	12 21	21 49	21 49	5 34	17 10	3 15	W12
T 13	11 41	20 30	1 2	7 26	3 46	21 16	1 19	4 29	0 6	19 11	1 7	13 59	1 56	0 7	0 40	22 23	0 38	6 52	12 22	21 49	21 48	5 37	17 10	3 15	T 13
F 14	11 20	21 52	0n 3	7 48	3 45	21 11	1 15	4 47	0 5	19 13	1 7	14 1	1 56	0 8	0 40	22 23	0 38	6 52	12 22	21 49	21 48	5 39	17 11	3 15	F 14
S 15	10 58	22 9	1 10	8 12	3 42	21 6	1 10	5 4	0 4	19 15	1 7	14 3	1 56	0 10	0 40	22 23	0 38	6 52	12 22	21 49	21 47	5 41	17 11	3 15	S 15
S 16	10 37	21 14	2 15	8 38	3 37	21 0	1 6	5 22	0 3	19 17	1 7	14 4	1 56	0 11	0 40	22 23	0 38	6 52	12 23	21 49	21 47	5 44	17 11	3 15	S 16
M17	10 15	19 3	3 15	9 5	3 30	20 54	1 2	5 39	0 2	19 19	1 7	14 6	1 56	0 12	0 40	22 23	0 38	6 51	12 23	21 48	21 46	5 46	17 12	3 15	M17
T 18	9 53	15 41	4 5	9 32	3 21	20 47	0 58	5 57	0 2	19 20	1 7	14 8	1 56	0 13	0 40	22 23	0 38	6 51	12 23	21 47	21 46	5 48	17 12	3 14	T 18
W19	9 31	11 17	4 41	9 59	3 11	20 40	0 54	6 14	0 1	19 22	1 7	14 9	1 57	0 15	0 40	22 22	0 38	6 51	12 24	21 45	21 45	5 51	17 13	3 14	W19
T 20	9 9	6 5	4 59	10 26	3 0	20 32	0 50	6 31	0 0	19 24	1 7	14 11	1 57	0 16	0 40	22 22	0 38	6 50	12 24	21 43	21 45	5 53	17 13	3 14	T 20
F 21	8 47	0 28	4 56	10 52	2 47	20 23	0 46	6 49	0n 1	19 25	1 7	14 13	1 57	0 17	0 40	22 22	0 38	6 50	12 24	21 42	21 44	5 55	17 13	3 14	F 21
S 22	8 24	5n11	4 32	11 16	2 34	20 14	0 42	7 6	0 1	19 27	1 7	14 14	1 57	0 18	0 40	22 22	0 38	6 50	12 25	21 40	21 44	5 58	17 14	3 14	S 22
S 23	8 2	10 29	3 50	11 39	2 20	20 4	0 38	7 23	0 2	19 28	1 7	14 16	1 57	0 20	0 40	22 22	0 38	6 49	12 25	21 38	21 43	6 0	17 14	3 14	S 23
M24	7 39	15 3	2 52	12 0	2 6	19 54	0 34	7 40	0 3	19 30	1 7	14 18	1 57	0 21	0 40	22 22	0 38	6 49	12 25	21 37	21 43	6 2	17 15	3 14	M24
T 25	7 16	18 37	1 45	12 20	1 52	19 43	0 30	7 57	0 3	19 31	1 7	14 19	1 57	0 22	0 40	22 22	0 38	6 49	12 26	21 37	21 42	6 5	17 15	3 13	T 25
W26	6 53	20 57	0 34	12 37	1 37	19 31	0 26	8 13	0 4	19 32	1 6	14 21	1 57	0 24	0 40	22 21	0 38	6 48	12 26	21 37	21 41	6 7	17 16	3 13	W26
T 27	6 30	22 0	0s38	12 53	1 23	19 19	0 22	8 30	0 5	19 34	1 6	14 22	1 57	0 25	0 40	22 21	0 38	6 48	12 26	21 37	21 41	6 9	17 16	3 13	T 27
F 28	6s 7	21n47	1s45	13s 6	1n 8	19s 7	0n18	8n47	0n 6	19n35	1n 6	14n24	1n57	0n26	0s40	22s21	0n38	6s48	12n27	21s37	21s40	6s12	17n17	3s13	F 28

Julian Day Number = 2088895.5, Delta T = 23m49s
Ecliptic obliquity = 23°34'01, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'04, Lahiri = 10°01'04 Julian Calendar 1 Feb. 1007 == Greg. Calendar 7 Feb. 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

MARCH 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 54 21	15♓31'00	10♋19	22♒19	4♒59	22♈55	7°R20	26°R56	2♈41	12♑29	23°R58	7°R 4	7♐25	5♎ 8	0♊51	S 1
S 2	10 58 17	16°30'30	22°56	22°31	6°10	23°38	7♌15	26♌52	2°45	12°30	23♏58	7♐ 0	7°22	5°15	0°53	S 2
M 3	11 2 14	17°29'58	5♌21	22°48	7°20	24°20	7°11	26°48	2°48	12°32	23°58	6°52	7°19	5°22	0°55	M 3
T 4	11 6 11	18°29'24	17°37	23°11	8°31	25° 3	7° 6	26°43	2°51	12°33	23°57	6°42	7°16	5°28	0°57	T 4
W 5	11 10 7	19°28'47	29°45	23°38	9°42	25°45	7° 2	26°39	2°55	12°34	23°57	6°30	7°13	5°35	1° 0	W 5
T 6	11 14 4	20°28'09	11♍47	24° 9	10°53	26°27	6°58	26°35	2°58	12°35	23°56	6°16	7°10	5°42	1° 2	T 6
F 7	11 18 0	21°27'28	23°44	24°45	12° 4	27°10	6°54	26°31	3° 1	12°36	23°56	6° 2	7° 6	5°49	1° 4	F 7
S 8	11 21 57	22°26'45	5♎37	25°25	13°14	27°52	6°50	26°27	3° 5	12°37	23°55	5°49	7° 3	5°55	1° 7	S 8
S 9	11 25 53	23°25'59	17°28	26° 9	14°25	28°34	6°46	26°23	3° 8	12°38	23°55	5°39	7° 0	6° 2	1° 9	S 9
M10	11 29 50	24°25'12	29°18	26°56	15°36	29°16	6°43	26°19	3°12	12°39	23°54	5°30	6°57	6° 9	1°12	M10
T 11	11 33 46	25°24'23	11♏11	27°46	16°47	29°59	6°39	26°15	3°15	12°40	23°54	5°25	6°54	6°15	1°15	T 11
W12	11 37 43	26°23'33	23° 9	28°40	17°59	0♉41	6°36	26°11	3°18	12°41	23°53	5°22	6°51	6°22	1°17	W12
T 13	11 41 40	27°22'40	5♐17	29°37	19°10	1°23	6°33	26° 7	3°22	12°42	23°52	5°D22	6°47	6°29	1°20	T 13
F 14	11 45 36	28°21'45	17°39	0♓36	20°21	2° 5	6°31	26° 4	3°25	12°43	23°52	5°22	6°44	6°35	1°23	F 14
S 15	11 49 33	29°20'49	0♑20	1°39	21°32	2°47	6°28	26° 0	3°29	12°44	23°51	5°R22	6°41	6°42	1°26	S 15
S 16	11 53 29	0♈19'51	13°25	2°44	22°43	3°29	6°26	25°57	3°32	12°45	23°50	5°22	6°38	6°49	1°29	S 16
M17	11 57 26	1°18'51	26°57	3°51	23°55	4°11	6°24	25°53	3°36	12°46	23°49	5°19	6°35	6°56	1°32	M17
T 18	12 1 22	2°17'49	10♒58	5° 1	25° 6	4°52	6°22	25°50	3°39	12°46	23°48	5°14	6°31	7° 2	1°35	T 18
W19	12 5 19	3°16'46	25°29	6°12	26°18	5°34	6°20	25°46	3°42	12°47	23°48	5° 7	6°28	7° 9	1°38	W19
T 20	12 9 15	4°15'40	10♓24	7°27	27°29	6°16	6°18	25°43	3°46	12°48	23°47	4°58	6°25	7°16	1°41	T 20
F 21	12 13 12	5°14'33	25°36	8°43	28°41	6°58	6°17	25°40	3°49	12°48	23°46	4°49	6°22	7°22	1°44	F 21
S 22	12 17 9	6°13'23	10♈55	10° 1	29°52	7°39	6°16	25°37	3°53	12°49	23°45	4°40	6°19	7°29	1°48	S 22
S 23	12 21 5	7°12'12	26° 9	11°21	1♓ 4	8°21	6°15	25°34	3°56	12°50	23°44	4°33	6°16	7°36	1°51	S 23
M24	12 25 2	8°10'58	11♉ 8	12°43	2°15	9° 3	6°14	25°31	4° 0	12°50	23°43	4°29	6°12	7°43	1°54	M24
T 25	12 28 58	9° 9'43	25°44	14° 7	3°27	9°44	6°13	25°28	4° 3	12°51	23°42	4°27	6° 9	7°49	1°58	T 25
W26	12 32 55	10° 8'25	9♊54	15°33	4°38	10°26	6°13	25°26	4° 6	12°51	23°41	4°D27	6° 6	7°56	2° 1	W26
T 27	12 36 51	11° 7'05	23°37	17° 1	5°50	11° 7	6°12	25°23	4°10	12°52	23°40	4°27	6° 3	8° 3	2° 5	T 27
F 28	12 40 48	12° 5'42	6♋54	18°30	7° 2	11°49	6°D12	25°20	4°13	12°52	23°39	4°R28	6° 0	8° 9	2° 8	F 28
S 29	12 44 44	13° 4'17	19°47	20° 1	8°14	12°30	6°12	25°18	4°17	12°53	23°38	4°28	5°56	8°16	2°12	S 29
S 30	12 48 41	14° 2'50	2♌22	21°34	9°25	13°12	6°12	25°16	4°20	12°53	23°36	4°26	5°53	8°23	2°16	S 30
M31	12 52 37	15♈ 1'21	14♌41	23♓ 9	10♓37	13♉53	6♌13	25♌13	4♈23	12♑53	23♏35	4♐22	5♐50	8♎29	2♊19	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s44	20n25	2s46	13s18	0n54	18s54	0n14	9n 3	0n 6	19n36	1n 6	14n26	1n57	0n28	0s40	22s21	0n38	6s47	12n27	21s36	21s40	6s14	17n17	3s13
S 2	5 21	18 2	3 37	13 27	0 40	18 40	0 10	9 20	0 7	19 38	1 6	14 27	1 57	0 29	0 40	22 21	0 38	6 47	12 27	21 36	21 39	6 16	17 18	3 13
M 3	4 58	14 53	4 17	13 34	0 26	18 26	0 6	9 36	0 8	19 39	1 6	14 29	1 57	0 30	0 40	22 21	0 38	6 46	12 28	21 34	21 39	6 18	17 19	3 13
T 4	4 35	11 7	4 44	13 40	0 13	18 11	0 3	9 53	0 8	19 40	1 6	14 30	1 57	0 32	0 40	22 21	0 38	6 46	12 28	21 33	21 38	6 21	17 19	3 13
W 5	4 11	6 58	4 58	13 43	0 0	17 56	0s 1	10 9	0 9	19 41	1 6	14 31	1 57	0 33	0 40	22 21	0 38	6 46	12 28	21 31	21 38	6 23	17 20	3 12
T 6	3 48	2 35	4 59	13 44	0s12	17 40	0 5	10 25	0 10	19 42	1 6	14 33	1 57	0 34	0 40	22 20	0 38	6 45	12 28	21 28	21 37	6 25	17 20	3 12
F 7	3 24	1s53	4 46	13 43	0 24	17 24	0 8	10 41	0 10	19 43	1 6	14 34	1 57	0 36	0 40	22 20	0 38	6 45	12 29	21 26	21 37	6 28	17 21	3 12
S 8	3 1	6 14	4 21	13 40	0 35	17 7	0 12	10 57	0 11	19 44	1 6	14 36	1 57	0 37	0 40	22 20	0 38	6 44	12 29	21 24	21 36	6 30	17 22	3 12
S 9	2 37	10 21	3 45	13 36	0 46	16 50	0 15	11 12	0 12	19 45	1 6	14 37	1 57	0 39	0 40	22 20	0 38	6 44	12 29	21 22	21 36	6 32	17 22	3 12
M10	2 14	14 4	2 59	13 29	0 57	16 32	0 19	11 28	0 12	19 45	1 6	14 38	1 57	0 40	0 40	22 20	0 38	6 44	12 30	21 20	21 35	6 34	17 23	3 12
T 11	1 50	17 14	2 5	13 21	1 7	16 14	0 22	11 44	0 13	19 46	1 6	14 40	1 57	0 41	0 40	22 20	0 38	6 43	12 30	21 19	21 35	6 37	17 23	3 12
W12	1 26	19 42	1 5	13 11	1 16	15 56	0 25	11 59	0 14	19 47	1 6	14 41	1 57	0 43	0 40	22 20	0 38	6 43	12 30	21 19	21 34	6 39	17 24	3 12
T 13	1 3	21 18	0 0	12 59	1 25	15 37	0 29	12 15	0 14	19 47	1 6	14 42	1 57	0 44	0 40	22 20	0 38	6 42	12 30	21 19	21 34	6 41	17 25	3 11
F 14	0 39	21 55	1n 5	12 46	1 33	15 17	0 32	12 30	0 15	19 48	1 6	14 43	1 56	0 45	0 40	22 20	0 38	6 42	12 31	21 19	21 33	6 44	17 25	3 11
S 15	0 16	21 25	2 9	12 31	1 41	14 57	0 35	12 45	0 16	19 49	1 5	14 45	1 56	0 47	0 40	22 19	0 38	6 41	12 31	21 19	21 32	6 46	17 26	3 11
S 16	0n 8	19 46	3 8	12 14	1 48	14 37	0 38	13 0	0 16	19 49	1 5	14 46	1 56	0 48	0 40	22 19	0 38	6 41	12 31	21 19	21 32	6 48	17 27	3 11
M17	0 32	16 58	3 59	11 56	1 54	14 16	0 41	13 15	0 17	19 50	1 5	14 47	1 56	0 50	0 40	22 19	0 38	6 41	12 32	21 18	21 31	6 50	17 27	3 11
T 18	0 55	13 7	4 38	11 36	2 1	13 55	0 44	13 30	0 18	19 50	1 5	14 48	1 56	0 51	0 40	22 19	0 38	6 40	12 32	21 17	21 31	6 53	17 28	3 11
W19	1 19	8 23	5 0	11 14	2 6	13 33	0 47	13 44	0 18	19 50	1 5	14 49	1 56	0 52	0 40	22 19	0 38	6 40	12 32	21 16	21 30	6 55	17 29	3 11
T 20	1 42	3 2	5 3	10 51	2 11	13 11	0 50	13 59	0 19	19 51	1 5	14 50	1 56	0 54	0 40	22 19	0 38	6 39	12 32	21 14	21 30	6 57	17 30	3 11
F 21	2 6	2n36	4 45	10 27	2 16	12 49	0 53	14 13	0 20	19 51	1 5	14 51	1 56	0 55	0 40	22 19	0 38	6 39	12 33	21 13	21 29	6 59	17 30	3 11
S 22	2 29	8 6	4 6	10 1	2 20	12 26	0 55	14 27	0 20	19 51	1 5	14 52	1 56	0 56	0 40	22 19	0 38	6 38	12 33	21 11	21 29	7 2	17 31	3 11
S 23	2 52	13 6	3 10	9 33	2 23	12 3	0 58	14 41	0 21	19 51	1 5	14 53	1 56	0 58	0 40	22 19	0 38	6 38	12 33	21 10	21 28	7 4	17 32	3 10
M24	3 16	17 10	2 2	9 4	2 26	11 40	1 1	14 55	0 21	19 52	1 5	14 54	1 56	0 59	0 40	22 19	0 38	6 37	12 33	21 9	21 28	7 6	17 33	3 10
T 25	3 39	20 3	0 47	8 34	2 29	11 16	1 3	15 9	0 22	19 52	1 5	14 55	1 56	1 1	0 40	22 19	0 38	6 37	12 34	21 9	21 27	7 8	17 33	3 10
W26	4 2	21 34	0s29	8 2	2 31	10 52	1 5	15 23	0 23	19 52	1 4	14 56	1 56	1 2	0 40	22 19	0 38	6 36	12 34	21 9	21 26	7 11	17 34	3 10
T 27	4 25	21 44	1 41	7 29	2 32	10 28	1 8	15 37	0 23	19 52	1 4	14 56	1 56	1 3	0 40	22 19	0 38	6 36	12 34	21 9	21 26	7 13	17 35	3 10
F 28	4 48	20 38	2 45	6 55	2 33	10 4	1 10	15 50	0 24	19 52	1 4	14 57	1 56	1 5	0 40	22 19	0 38	6 36	12 34	21 9	21 25	7 15	17 36	3 10
S 29	5 11	18 29	3 39	6 19	2 33	9 39	1 12	16 3	0 24	19 51	1 4	14 58	1 55	1 6	0 40	22 18	0 38	6 35	12 34	21 9	21 25	7 17	17 37	3 10
S 30	5 34	15 30	4 21	5 42	2 33	9 14	1 14	16 17	0 25	19 51	1 4	14 59	1 55	1 7	0 40	22 18	0 38	6 35	12 35	21 9	21 24	7 20	17 37	3 10
M31	5n57	11n54	4s49	5s 4	2s32	8s48	1s16	16n30	0n25	19n51	1n 4	14n59	1n55	1n 9	0s40	22s18	0n38	6s34	12n35	21s 8	21s24	7s22	17n38	3s10

Julian Day Number = 2088923.5, Delta T = 23m48s
Ecliptic obliquity = 23°34'01, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'08, Lahiri = 10°01'08 Julian Calendar 1 March 1007 == Greg. Calendar 7 March 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

APRIL 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 56 34	15♈59'49	26♌50	24♓45	11♓49	14♉34	6♌14	25°R11	4♈27	12♑54	23°R34	4°R16	5♐47	8♎36	2♊23	T 1
W 2	13 0 31	16°58'16	8♍50	26°23	13° 1	15°15	6°14	25♌ 9	4°30	12°54	23♏33	4♐ 9	5°44	8°43	2°27	W 2
T 3	13 4 27	17°56'40	20°45	28° 2	14°13	15°57	6°15	25° 7	4°34	12°54	23°32	4° 0	5°41	8°50	2°31	T 3
F 4	13 8 24	18°55'02	2♎37	29°44	15°24	16°38	6°17	25° 5	4°37	12°54	23°30	3°51	5°37	8°56	2°35	F 4
S 5	13 12 20	19°53'22	14°28	1♈27	16°36	17°19	6°18	25° 4	4°40	12°54	23°29	3°43	5°34	9° 3	2°39	S 5
S 6	13 16 17	20°51'41	26°20	3°12	17°48	18° 0	6°19	25° 2	4°44	12°55	23°28	3°37	5°31	9°10	2°43	S 6
M 7	13 20 13	21°49'57	8♏14	4°58	19° 0	18°41	6°21	25° 0	4°47	12°55	23°26	3°32	5°28	9°16	2°47	M 7
T 8	13 24 10	22°48'12	20°13	6°47	20°12	19°22	6°23	24°59	4°50	12°55	23°25	3°29	5°25	9°23	2°51	T 8
W 9	13 28 6	23°46'25	2♐18	8°37	21°24	20° 3	6°25	24°57	4°54	12°55	23°24	3°D28	5°22	9°30	2°55	W 9
T 10	13 32 3	24°44'37	14°33	10°28	22°36	20°44	6°27	24°56	4°57	12°R55	23°22	3°28	5°18	9°36	2°59	T 10
F 11	13 36 0	25°42'47	27° 1	12°22	23°48	21°25	6°30	24°55	5° 0	12°55	23°21	3°30	5°15	9°43	3° 3	F 11
S 12	13 39 56	26°40'55	9♑45	14°17	25° 0	22° 6	6°33	24°54	5° 3	12°55	23°20	3°31	5°12	9°50	3° 8	S 12
S 13	13 43 53	27°39'02	22°49	16°14	26°12	22°46	6°35	24°53	5° 7	12°55	23°18	3°R32	5° 9	9°57	3°12	S 13
M14	13 47 49	28°37'08	6♒16	18°13	27°24	23°27	6°38	24°52	5°10	12°55	23°17	3°32	5° 6	10° 3	3°16	M14
T 15	13 51 46	29°35'12	20° 9	20°13	28°37	24° 8	6°41	24°51	5°13	12°54	23°15	3°31	5° 2	10°10	3°21	T 15
W16	13 55 42	0♉33'14	4♓27	22°15	29°49	24°49	6°45	24°51	5°16	12°54	23°14	3°28	4°59	10°17	3°25	W16
T 17	13 59 39	1°31'15	19° 7	24°18	1♈ 1	25°29	6°48	24°50	5°19	12°54	23°12	3°24	4°56	10°23	3°29	T 17
F 18	14 3 35	2°29'15	4♈ 6	26°23	2°13	26°10	6°52	24°50	5°23	12°54	23°11	3°19	4°53	10°30	3°34	F 18
S 19	14 7 32	3°27'13	19°14	28°30	3°25	26°51	6°56	24°49	5°26	12°53	23° 9	3°15	4°50	10°37	3°38	S 19
S 20	14 11 29	4°25'10	4♉22	0♉37	4°38	27°31	7° 0	24°49	5°29	12°53	23° 8	3°12	4°47	10°43	3°43	S 20
M21	14 15 25	5°23'05	19°21	2°46	5°50	28°12	7° 4	24°49	5°32	12°53	23° 6	3°10	4°43	10°50	3°47	M21
T 22	14 19 22	6°20'59	4♊ 2	4°56	7° 2	28°52	7° 8	24°D49	5°35	12°52	23° 5	3°D 9	4°40	10°57	3°52	T 22
W23	14 23 18	7°18'51	18°20	7° 6	8°14	29°33	7°13	24°49	5°38	12°52	23° 3	3°10	4°37	11° 3	3°57	W23
T 24	14 27 15	8°16'41	2♋11	9°17	9°27	0♊13	7°17	24°49	5°41	12°52	23° 2	3°11	4°34	11°10	4° 1	T 24
F 25	14 31 11	9°14'30	15°35	11°28	10°39	0°53	7°22	24°49	5°44	12°51	23° 0	3°13	4°31	11°17	4° 6	F 25
S 26	14 35 8	10°12'17	28°35	13°39	11°51	1°34	7°27	24°50	5°47	12°51	22°58	3°14	4°28	11°24	4°11	S 26
S 27	14 39 4	11°10'02	11♌13	15°49	13° 4	2°14	7°32	24°50	5°50	12°50	22°57	3°R14	4°24	11°30	4°15	S 27
M28	14 43 1	12° 7'45	23°33	17°59	14°16	2°54	7°37	24°51	5°53	12°50	22°55	3°14	4°21	11°37	4°20	M28
T 29	14 46 58	13° 5'26	5♍40	20° 8	15°28	3°35	7°43	24°52	5°56	12°49	22°54	3°13	4°18	11°44	4°25	T 29
W30	14 50 54	14♉ 3'06	17♍38	22♉16	16♈41	4♊15	7♌48	24♌52	5♈59	12♑48	22♏52	3♐10	4♐15	11♎50	4♊29	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n20	7n52	5s 5	4s24	2s31	8s22	1s18	16n43	0n26	19n51	1n 4	15n 0	1n55	1n10	0s40	22s18	0n38	6s34	12n35	21s 7	21s23	7s24	17n39	3s10
W 2	6 42	3 34	5 6	3 44	2 29	7 57	1 20	16 55	0 27	19 50	1 4	15 1	1 55	1 11	0 40	22 18	0 38	6 33	12 35	21 5	21 23	7 26	17 40	3 10
T 3	7 5	0s49	4 54	3 2	2 27	7 30	1 22	17 8	0 27	19 50	1 4	15 1	1 55	1 13	0 40	22 18	0 38	6 33	12 35	21 4	21 22	7 28	17 41	3 10
F 4	7 27	5 10	4 30	2 18	2 24	7 4	1 24	17 20	0 28	19 50	1 3	15 2	1 55	1 14	0 40	22 18	0 38	6 32	12 35	21 2	21 21	7 31	17 41	3 10
S 5	7 49	9 19	3 54	1 34	2 21	6 38	1 25	17 33	0 28	19 49	1 3	15 2	1 55	1 15	0 40	22 18	0 38	6 32	12 36	21 1	21 21	7 33	17 42	3 10
S 6	8 11	13 7	3 7	0 49	2 17	6 11	1 27	17 45	0 29	19 49	1 3	15 3	1 55	1 17	0 40	22 18	0 38	6 31	12 36	20 59	21 20	7 35	17 43	3 9
M 7	8 33	16 25	2 13	0 2	2 12	5 44	1 29	17 57	0 29	19 48	1 3	15 3	1 55	1 18	0 40	22 18	0 38	6 31	12 36	20 58	21 20	7 37	17 44	3 9
T 8	8 55	19 2	1 11	0n45	2 7	5 17	1 30	18 8	0 30	19 48	1 3	15 4	1 54	1 19	0 40	22 18	0 38	6 31	12 36	20 58	21 19	7 40	17 45	3 9
W 9	9 17	20 50	0 6	1 34	2 2	4 49	1 31	18 20	0 30	19 47	1 3	15 4	1 54	1 21	0 40	22 18	0 38	6 30	12 36	20 58	21 19	7 42	17 45	3 9
T 10	9 38	21 40	1n 0	2 24	1 56	4 22	1 33	18 32	0 31	19 46	1 3	15 4	1 54	1 22	0 40	22 18	0 38	6 30	12 36	20 58	21 18	7 44	17 46	3 9
F 11	9 59	21 27	2 5	3 14	1 49	3 54	1 34	18 43	0 31	19 46	1 3	15 5	1 54	1 23	0 40	22 18	0 38	6 29	12 37	20 58	21 17	7 46	17 47	3 9
S 12	10 21	20 8	3 5	4 5	1 42	3 27	1 35	18 54	0 32	19 45	1 3	15 5	1 54	1 25	0 40	22 18	0 38	6 29	12 37	20 58	21 17	7 48	17 48	3 9
S 13	10 42	17 44	3 57	4 57	1 35	2 59	1 36	19 5	0 32	19 44	1 2	15 5	1 54	1 26	0 40	22 18	0 38	6 28	12 37	20 58	21 16	7 50	17 49	3 9
M14	11 2	14 19	4 38	5 50	1 27	2 31	1 37	19 16	0 33	19 43	1 2	15 5	1 54	1 27	0 40	22 18	0 38	6 28	12 37	20 58	21 16	7 53	17 50	3 9
T 15	11 23	10 2	5 4	6 44	1 19	2 3	1 38	19 27	0 34	19 42	1 2	15 5	1 54	1 28	0 40	22 18	0 38	6 27	12 37	20 58	21 15	7 55	17 51	3 9
W16	11 44	5 5	5 12	7 37	1 10	1 35	1 38	19 37	0 34	19 41	1 2	15 5	1 53	1 30	0 40	22 18	0 38	6 27	12 37	20 58	21 15	7 57	17 51	3 9
T 17	12 4	0n17	5 1	8 32	1 1	1 7	1 39	19 48	0 35	19 40	1 2	15 6	1 53	1 31	0 40	22 18	0 38	6 27	12 37	20 57	21 14	7 59	17 52	3 9
F 18	12 24	5 44	4 29	9 26	0 51	0 38	1 40	19 58	0 35	19 39	1 2	15 6	1 53	1 32	0 40	22 18	0 38	6 26	12 37	20 56	21 13	8 1	17 53	3 9
S 19	12 44	10 55	3 38	10 21	0 42	0 10	1 40	20 8	0 36	19 38	1 2	15 6	1 53	1 33	0 40	22 18	0 38	6 26	12 37	20 55	21 13	8 4	17 54	3 9
S 20	13 4	15 25	2 31	11 15	0 32	0n18	1 41	20 18	0 36	19 37	1 2	15 6	1 53	1 35	0 40	22 18	0 38	6 25	12 37	20 54	21 12	8 6	17 55	3 9
M21	13 23	18 52	1 15	12 10	0 21	0 47	1 41	20 27	0 36	19 36	1 2	15 5	1 53	1 36	0 40	22 18	0 38	6 25	12 37	20 54	21 12	8 8	17 56	3 9
T 22	13 42	20 59	0s 5	13 4	0 11	1 15	1 42	20 37	0 37	19 35	1 2	15 5	1 53	1 37	0 40	22 18	0 38	6 24	12 37	20 54	21 11	8 10	17 57	3 9
W23	14 2	21 41	1 22	13 57	0 0	1 44	1 42	20 46	0 37	19 33	1 1	15 5	1 53	1 38	0 40	22 18	0 38	6 24	12 37	20 54	21 11	8 12	17 57	3 9
T 24	14 20	21 0	2 33	14 49	0n10	2 12	1 42	20 55	0 38	19 32	1 1	15 5	1 52	1 39	0 40	22 18	0 38	6 24	12 38	20 54	21 10	8 14	17 58	3 9
F 25	14 39	19 8	3 33	15 41	0 21	2 40	1 42	21 4	0 38	19 31	1 1	15 5	1 52	1 41	0 40	22 18	0 38	6 23	12 38	20 55	21 9	8 17	17 59	3 9
S 26	14 57	16 19	4 19	16 31	0 31	3 9	1 42	21 13	0 39	19 29	1 1	15 5	1 52	1 42	0 40	22 18	0 38	6 23	12 38	20 55	21 9	8 19	18 0	3 9
S 27	15 16	12 49	4 52	17 19	0 41	3 37	1 42	21 22	0 39	19 28	1 1	15 4	1 52	1 43	0 40	22 18	0 38	6 22	12 38	20 55	21 8	8 21	18 1	3 9
M28	15 33	8 51	5 11	18 6	0 51	4 5	1 42	21 30	0 40	19 27	1 1	15 4	1 52	1 44	0 40	22 18	0 38	6 22	12 38	20 55	21 8	8 23	18 2	3 9
T 29	15 51	4 36	5 15	18 51	1 1	4 34	1 42	21 38	0 40	19 25	1 1	15 4	1 52	1 45	0 40	22 19	0 38	6 22	12 38	20 55	21 7	8 25	18 3	3 9
W30	16n 8	0n14	5s 5	19n34	1n10	5n 2	1s41	21n46	0n41	19n23	1n 1	15n 3	1n52	1n46	0s40	22s19	0n38	6s21	12n38	20s54	21s 6	8s27	18n 3	3s 9

Julian Day Number = 2088954.5, Delta T = 23m48s
Ecliptic obliquity = 23°34'01, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'12, Lahiri = 10°01'12 Julian Calendar 1 Apr. 1007 == Greg. Calendar 7 Apr. 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

MAY 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 54 51	15♉ 0'45	29♍30	24♉23	17♈53	4♊55	7♌54	24♌53	6♈ 2	12°R48	22°R50	3°R 8	4♐12	11♎57	4♊34	T 1
F 2	14 58 47	15°58'22	11♎21	26°28	19° 5	5°35	8° 0	24°54	6° 5	12♑47	22♏49	3♐ 5	4° 8	12° 4	4°39	F 2
S 3	15 2 44	16°55'57	23°12	28°31	20°18	6°15	8° 6	24°55	6° 7	12°46	22°47	3° 2	4° 5	12°10	4°44	S 3
S 4	15 6 40	17°53'31	5♏ 7	0♊32	21°30	6°55	8°12	24°57	6°10	12°46	22°46	3° 0	4° 2	12°17	4°49	S 4
M 5	15 10 37	18°51'04	17° 9	2°30	22°43	7°35	8°18	24°58	6°13	12°45	22°44	2°59	3°59	12°24	4°54	M 5
T 6	15 14 33	19°48'36	29°17	4°27	23°55	8°15	8°25	24°59	6°16	12°44	22°42	2°D59	3°56	12°31	4°58	T 6
W 7	15 18 30	20°46'06	11♐35	6°21	25° 8	8°55	8°31	25° 1	6°18	12°43	22°41	2°59	3°53	12°37	5° 3	W 7
T 8	15 22 27	21°43'36	24° 5	8°12	26°20	9°35	8°38	25° 2	6°21	12°42	22°39	2°59	3°49	12°44	5° 8	T 8
F 9	15 26 23	22°41'04	6♑47	10° 1	27°33	10°15	8°45	25° 4	6°23	12°41	22°37	3° 0	3°46	12°51	5°13	F 9
S 10	15 30 20	23°38'32	19°43	11°47	28°45	10°55	8°52	25° 6	6°26	12°41	22°36	3° 1	3°43	12°57	5°18	S 10
S 11	15 34 16	24°35'59	2♒56	13°30	29°58	11°35	8°59	25° 8	6°29	12°40	22°34	3° 2	3°40	13° 4	5°23	S 11
M12	15 38 13	25°33'25	16°26	15°10	1♉10	12°15	9° 6	25°10	6°31	12°39	22°32	3° 2	3°37	13°11	5°28	M12
T 13	15 42 9	26°30'50	0♓15	16°48	2°23	12°54	9°14	25°12	6°34	12°38	22°31	3°R 2	3°33	13°17	5°33	T 13
W14	15 46 6	27°28'14	14°22	18°22	3°36	13°34	9°21	25°14	6°36	12°37	22°29	3° 2	3°30	13°24	5°38	W14
T 15	15 50 2	28°25'38	28°46	19°54	4°48	14°14	9°29	25°17	6°39	12°36	22°28	3° 2	3°27	13°31	5°43	T 15
F 16	15 53 59	29°23'01	13♈24	21°23	6° 1	14°54	9°36	25°19	6°41	12°35	22°26	3° 1	3°24	13°37	5°48	F 16
S 17	15 57 56	0♊20'24	28°10	22°49	7°14	15°33	9°44	25°21	6°43	12°34	22°24	3° 1	3°21	13°44	5°53	S 17
S 18	16 1 52	1°17'46	12♉59	24°11	8°26	16°13	9°52	25°24	6°46	12°32	22°23	3° 1	3°18	13°51	5°58	S 18
M19	16 5 49	2°15'07	27°42	25°31	9°39	16°53	10° 0	25°27	6°48	12°31	22°21	3°D 1	3°14	13°58	6° 3	M19
T 20	16 9 45	3°12'28	12♊13	26°48	10°52	17°32	10° 9	25°29	6°50	12°30	22°19	3°R 1	3°11	14° 4	6° 8	T 20
W21	16 13 42	4° 9'47	26°26	28° 2	12° 4	18°12	10°17	25°32	6°52	12°29	22°18	3° 1	3° 8	14°11	6°13	W21
T 22	16 17 38	5° 7'06	10♋18	29°12	13°17	18°51	10°25	25°35	6°55	12°28	22°16	3° 1	3° 5	14°18	6°18	T 22
F 23	16 21 35	6° 4'24	23°45	0♋19	14°30	19°31	10°34	25°38	6°57	12°27	22°15	3° 0	3° 2	14°24	6°23	F 23
S 24	16 25 31	7° 1'41	6♌49	1°23	15°43	20°10	10°43	25°42	6°59	12°25	22°13	3° 0	2°59	14°31	6°28	S 24
S 25	16 29 28	7°58'57	19°31	2°23	16°55	20°50	10°51	25°45	7° 1	12°24	22°12	3° 0	2°55	14°38	6°33	S 25
M26	16 33 25	8°56'12	1♍54	3°20	18° 8	21°29	11° 0	25°48	7° 3	12°23	22°10	2°59	2°52	14°44	6°38	M26
T 27	16 37 21	9°53'27	14° 2	4°14	19°21	22° 9	11° 9	25°52	7° 5	12°22	22° 8	2°D59	2°49	14°51	6°43	T 27
W28	16 41 18	10°50'40	26° 0	5° 4	20°34	22°48	11°18	25°55	7° 7	12°20	22° 7	3° 0	2°46	14°58	6°48	W28
T 29	16 45 14	11°47'53	7♎52	5°50	21°47	23°27	11°28	25°59	7° 9	12°19	22° 5	3° 0	2°43	15° 4	6°53	T 29
F 30	16 49 11	12°45'05	19°43	6°32	23° 0	24° 7	11°37	26° 2	7°11	12°18	22° 4	3° 1	2°39	15°11	6°58	F 30
S 31	16 53 7	13♊42'16	1♏37	7♋10	24♉12	24♊46	11♌46	26♌ 6	7♈12	12♑16	22♏ 2	3♐ 2	2♐36	15♎18	7♊ 3	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n26	4s 7	4s42	20n15	1n19	5n30	1s41	21n54	0n41	19n22	1n 1	15n 3	1n52	1n48	0s40	22s19	0n38	6s21	12n38	20s54	21s 6	8s30	18n 4	3s 9
F 2	16 42	8 18	4 8	20 53	1 27	5 58	1 41	22 2	0 42	19 20	1 0	15 2	1 51	1 49	0 40	22 19	0 38	6 21	12 38	20 53	21 5	8 32	18 5	3 9
S 3	16 59	12 12	3 22	21 29	1 35	6 26	1 40	22 9	0 42	19 19	1 0	15 2	1 51	1 50	0 40	22 19	0 38	6 20	12 37	20 53	21 5	8 34	18 6	3 9
S 4	17 15	15 37	2 28	22 2	1 42	6 54	1 39	22 17	0 42	19 17	1 0	15 1	1 51	1 51	0 40	22 19	0 38	6 20	12 37	20 52	21 4	8 36	18 7	3 9
M 5	17 31	18 25	1 27	22 33	1 49	7 21	1 39	22 24	0 43	19 15	1 0	15 1	1 51	1 52	0 40	22 19	0 38	6 20	12 37	20 52	21 3	8 38	18 8	3 9
T 6	17 47	20 26	0 20	23 1	1 54	7 49	1 38	22 31	0 43	19 13	1 0	15 0	1 51	1 53	0 40	22 19	0 38	6 19	12 37	20 52	21 3	8 40	18 8	3 9
W 7	18 2	21 31	0n48	23 27	1 59	8 16	1 37	22 37	0 44	19 12	1 0	14 59	1 51	1 54	0 40	22 19	0 38	6 19	12 37	20 52	21 2	8 42	18 9	3 9
T 8	18 18	21 32	1 54	23 50	2 4	8 43	1 36	22 44	0 44	19 10	1 0	14 59	1 51	1 55	0 40	22 19	0 38	6 19	12 37	20 52	21 2	8 44	18 10	3 9
F 9	18 32	20 27	2 57	24 10	2 7	9 10	1 36	22 50	0 45	19 8	1 0	14 58	1 51	1 56	0 40	22 19	0 38	6 18	12 37	20 52	21 1	8 47	18 11	3 9
S 10	18 47	18 18	3 51	24 28	2 10	9 37	1 35	22 57	0 45	19 6	1 0	14 57	1 50	1 57	0 40	22 19	0 38	6 18	12 37	20 52	21 0	8 49	18 12	3 9
S 11	19 1	15 9	4 35	24 43	2 12	10 4	1 33	23 3	0 45	19 4	1 0	14 57	1 50	1 58	0 40	22 19	0 38	6 18	12 37	20 53	21 0	8 51	18 13	3 9
M12	19 15	11 10	5 4	24 57	2 13	10 30	1 32	23 8	0 46	19 2	1 0	14 56	1 50	1 59	0 40	22 19	0 38	6 17	12 37	20 53	20 59	8 53	18 13	3 9
T 13	19 29	6 30	5 17	25 7	2 14	10 56	1 31	23 14	0 46	19 0	0 59	14 55	1 50	2 0	0 40	22 20	0 38	6 17	12 37	20 53	20 59	8 55	18 14	3 9
W14	19 42	1 24	5 11	25 16	2 13	11 22	1 30	23 19	0 47	18 58	0 59	14 54	1 50	2 1	0 40	22 20	0 38	6 17	12 37	20 53	20 58	8 57	18 15	3 9
T 15	19 55	3n53	4 46	25 23	2 12	11 48	1 29	23 24	0 47	18 56	0 59	14 53	1 50	2 2	0 40	22 20	0 38	6 17	12 36	20 53	20 57	8 59	18 16	3 10
F 16	20 8	9 2	4 2	25 27	2 10	12 13	1 27	23 29	0 47	18 53	0 59	14 52	1 50	2 3	0 40	22 20	0 38	6 16	12 36	20 52	20 57	9 1	18 17	3 10
S 17	20 20	13 42	3 2	25 30	2 8	12 39	1 26	23 34	0 48	18 51	0 59	14 51	1 49	2 4	0 40	22 20	0 38	6 16	12 36	20 52	20 56	9 3	18 17	3 10
S 18	20 32	17 33	1 49	25 30	2 4	13 4	1 24	23 39	0 48	18 49	0 59	14 50	1 49	2 5	0 41	22 20	0 39	6 16	12 36	20 52	20 56	9 6	18 18	3 10
M19	20 43	20 14	0 29	25 29	2 0	13 28	1 23	23 43	0 49	18 47	0 59	14 49	1 49	2 6	0 41	22 20	0 39	6 16	12 36	20 52	20 55	9 8	18 19	3 10
T 20	20 55	21 32	0s51	25 27	1 55	13 52	1 21	23 47	0 49	18 44	0 59	14 48	1 49	2 6	0 41	22 20	0 39	6 15	12 36	20 52	20 54	9 10	18 20	3 10
W21	21 5	21 25	2 6	25 22	1 49	14 16	1 20	23 51	0 49	18 42	0 59	14 47	1 49	2 7	0 41	22 20	0 39	6 15	12 36	20 52	20 54	9 12	18 21	3 10
T 22	21 16	19 58	3 13	25 17	1 43	14 40	1 18	23 55	0 50	18 40	0 59	14 46	1 49	2 8	0 41	22 20	0 39	6 15	12 35	20 52	20 53	9 14	18 21	3 10
F 23	21 26	17 26	4 6	25 9	1 35	15 3	1 16	23 59	0 50	18 37	0 59	14 45	1 49	2 9	0 41	22 21	0 39	6 15	12 35	20 52	20 52	9 16	18 22	3 10
S 24	21 36	14 4	4 45	25 1	1 28	15 26	1 15	24 2	0 50	18 35	0 59	14 44	1 49	2 10	0 41	22 21	0 39	6 14	12 35	20 52	20 52	9 18	18 23	3 10
S 25	21 45	10 10	5 9	24 52	1 19	15 49	1 13	24 5	0 51	18 32	0 58	14 42	1 48	2 11	0 41	22 21	0 39	6 14	12 35	20 52	20 51	9 20	18 24	3 10
M26	21 54	5 55	5 17	24 41	1 10	16 11	1 11	24 8	0 51	18 30	0 58	14 41	1 48	2 11	0 41	22 21	0 39	6 14	12 35	20 52	20 51	9 22	18 24	3 10
T 27	22 3	1 32	5 11	24 29	1 0	16 33	1 9	24 11	0 51	18 27	0 58	14 40	1 48	2 12	0 41	22 21	0 39	6 14	12 34	20 52	20 50	9 24	18 25	3 11
W28	22 11	2s52	4 52	24 17	0 49	16 54	1 7	24 14	0 52	18 25	0 58	14 38	1 48	2 13	0 41	22 21	0 39	6 14	12 34	20 52	20 49	9 26	18 26	3 11
T 29	22 19	7 7	4 20	24 4	0 38	17 15	1 5	24 16	0 52	18 22	0 58	14 37	1 48	2 14	0 41	22 21	0 39	6 14	12 34	20 52	20 49	9 28	18 26	3 11
F 30	22 27	11 6	3 38	23 50	0 26	17 36	1 3	24 19	0 53	18 19	0 58	14 36	1 48	2 14	0 41	22 21	0 39	6 13	12 34	20 52	20 48	9 30	18 27	3 11
S 31	22n34	14s41	2s46	23n35	0n13	17n56	1s 1	24n21	0n53	18n17	0n58	14n34	1n48	2n15	0s41	22s21	0n39	6s13	12n33	20s53	20s48	9s33	18n28	3s11

Julian Day Number = 2088984.5, Delta T = 23m48s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'16, Lahiri = 10°01'17 Julian Calendar 1 May 1007 == Greg. Calendar 7 May 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

JUNE 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 57 4	14♊39'27	13♏36	7♋44	25♉25	25♊25	11♌56	26♌10	7♈14	12°R15	22°R 1	3♐ 3	2♐33	15♎24	7♊ 9	S 1
M 2	17 1 0	15°36'37	25°46	8°14	26°38	26° 4	12° 5	26°14	7°16	12♑13	21♏59	3° 4	2°30	15°31	7°14	M 2
T 3	17 4 57	16°33'47	8♐ 7	8°40	27°51	26°43	12°15	26°18	7°18	12°12	21°58	3°R 4	2°27	15°38	7°19	T 3
W 4	17 8 54	17°30'57	20°41	9° 1	29° 4	27°23	12°25	26°22	7°19	12°11	21°57	3° 3	2°24	15°45	7°24	W 4
T 5	17 12 50	18°28'06	3♑30	9°18	0♊17	28° 2	12°35	26°26	7°21	12° 9	21°55	3° 2	2°20	15°51	7°29	T 5
F 6	17 16 47	19°25'15	16°33	9°31	1°30	28°41	12°45	26°30	7°22	12° 8	21°54	3° 0	2°17	15°58	7°34	F 6
S 7	17 20 43	20°22'24	29°50	9°39	2°43	29°20	12°55	26°35	7°24	12° 6	21°52	2°57	2°14	16° 5	7°38	S 7
S 8	17 24 40	21°19'33	13♒21	9°R42	3°56	29°59	13° 5	26°39	7°25	12° 5	21°51	2°55	2°11	16°11	7°43	S 8
M 9	17 28 36	22°16'42	27° 5	9°40	5° 9	0♋38	13°15	26°44	7°27	12° 3	21°50	2°53	2° 8	16°18	7°48	M 9
T 10	17 32 33	23°13'51	10♓59	9°34	6°22	1°17	13°26	26°48	7°28	12° 2	21°48	2°52	2° 5	16°25	7°53	T 10
W11	17 36 29	24°11'01	25° 4	9°24	7°35	1°56	13°36	26°53	7°30	12° 0	21°47	2°D51	2° 1	16°31	7°58	W11
T 12	17 40 26	25° 8'10	9♈17	9° 9	8°49	2°35	13°46	26°58	7°31	11°59	21°46	2°52	1°58	16°38	8° 3	T 12
F 13	17 44 23	26° 5'20	23°36	8°50	10° 2	3°14	13°57	27° 2	7°32	11°57	21°44	2°53	1°55	16°45	8° 8	F 13
S 14	17 48 19	27° 2'30	7♉59	8°27	11°15	3°53	14° 8	27° 7	7°33	11°56	21°43	2°54	1°52	16°51	8°13	S 14
S 15	17 52 16	27°59'41	22°21	8° 1	12°28	4°32	14°18	27°12	7°34	11°54	21°42	2°55	1°49	16°58	8°18	S 15
M16	17 56 12	28°56'51	6♊40	7°31	13°41	5°11	14°29	27°17	7°36	11°53	21°41	2°R56	1°45	17° 5	8°23	M16
T 17	18 0 9	29°54'03	20°49	6°58	14°55	5°50	14°40	27°22	7°37	11°51	21°39	2°55	1°42	17°11	8°27	T 17
W18	18 4 5	0♋51'14	4♋46	6°23	16° 8	6°29	14°51	27°27	7°38	11°49	21°38	2°52	1°39	17°18	8°32	W18
T 19	18 8 2	1°48'25	18°27	5°47	17°21	7° 8	15° 2	27°33	7°39	11°48	21°37	2°49	1°36	17°25	8°37	T 19
F 20	18 11 58	2°45'37	1♌48	5° 9	18°34	7°47	15°13	27°38	7°40	11°46	21°36	2°44	1°33	17°32	8°42	F 20
S 21	18 15 55	3°42'48	14°49	4°30	19°48	8°25	15°24	27°43	7°40	11°45	21°35	2°40	1°30	17°38	8°47	S 21
S 22	18 19 52	4°40'00	27°31	3°52	21° 1	9° 4	15°36	27°49	7°41	11°43	21°34	2°35	1°26	17°45	8°51	S 22
M23	18 23 48	5°37'11	9♍55	3°14	22°15	9°43	15°47	27°54	7°42	11°41	21°33	2°31	1°23	17°52	8°56	M23
T 24	18 27 45	6°34'23	22° 3	2°38	23°28	10°22	15°58	28° 0	7°43	11°40	21°32	2°29	1°20	17°58	9° 1	T 24
W25	18 31 41	7°31'35	4♎ 2	2° 4	24°41	11° 0	16°10	28° 5	7°43	11°38	21°31	2°D28	1°17	18° 5	9° 5	W25
T 26	18 35 38	8°28'47	15°54	1°32	25°55	11°39	16°21	28°11	7°44	11°37	21°30	2°28	1°14	18°12	9°10	T 26
F 27	18 39 34	9°25'59	27°45	1° 4	27° 8	12°18	16°33	28°17	7°45	11°35	21°29	2°29	1°11	18°18	9°14	F 27
S 28	18 43 31	10°23'11	9♏40	0°40	28°22	12°57	16°44	28°23	7°45	11°33	21°28	2°31	1° 7	18°25	9°19	S 28
S 29	18 47 27	11°20'24	21°43	0°20	29°35	13°35	16°56	28°28	7°46	11°32	21°27	2°32	1° 4	18°32	9°24	S 29
M30	18 51 24	12♋17'37	3♐59	0♋ 4	0♋49	14♋14	17♌ 8	28♌34	7♈46	11♑30	21♏26	2°R33	1♐ 1	18♎38	9♊28	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n41	17s41	1s46	23n20	0s 0	18n16	0s59	24n22	0n53	18n14	0n58	14n33	1n48	2n16	0s41	22s22	0n39	6s13	12n33	20s53	20s47	9s35	18n29	3s11
M 2	22 47	19 57	0 40	23 5	0 14	18 35	0 57	24 24	0 54	18 11	0 58	14 31	1 48	2 16	0 41	22 22	0 39	6 13	12 33	20 53	20 46	9 37	18 29	3 11
T 3	22 53	21 19	0n28	22 49	0 28	18 54	0 55	24 25	0 54	18 8	0 58	14 30	1 47	2 17	0 41	22 22	0 39	6 13	12 33	20 53	20 46	9 39	18 30	3 11
W 4	22 59	21 38	1 36	22 33	0 43	19 12	0 52	24 27	0 54	18 5	0 58	14 28	1 47	2 18	0 41	22 22	0 39	6 13	12 32	20 53	20 45	9 41	18 31	3 11
T 5	23 4	20 51	2 40	22 17	0 58	19 30	0 50	24 28	0 55	18 3	0 58	14 27	1 47	2 18	0 41	22 22	0 39	6 13	12 32	20 52	20 44	9 43	18 31	3 12
F 6	23 9	18 56	3 38	22 0	1 13	19 47	0 48	24 28	0 55	18 0	0 58	14 25	1 47	2 19	0 41	22 22	0 39	6 13	12 32	20 52	20 44	9 45	18 32	3 12
S 7	23 13	15 59	4 24	21 44	1 29	20 4	0 46	24 29	0 55	17 57	0 58	14 24	1 47	2 19	0 41	22 22	0 39	6 13	12 32	20 52	20 43	9 47	18 33	3 12
S 8	23 17	12 9	4 57	21 28	1 45	20 20	0 43	24 29	0 55	17 54	0 58	14 22	1 47	2 20	0 41	22 23	0 39	6 13	12 31	20 51	20 42	9 49	18 33	3 12
M 9	23 20	7 38	5 14	21 12	2 1	20 36	0 41	24 30	0 56	17 51	0 57	14 21	1 47	2 21	0 41	22 23	0 39	6 13	12 31	20 51	20 42	9 51	18 34	3 12
T 10	23 24	2 40	5 12	20 57	2 17	20 51	0 39	24 30	0 56	17 48	0 57	14 19	1 47	2 21	0 41	22 23	0 38	6 13	12 31	20 51	20 41	9 53	18 35	3 12
W11	23 26	2n30	4 52	20 42	2 33	21 6	0 36	24 30	0 56	17 45	0 57	14 17	1 47	2 22	0 41	22 23	0 38	6 13	12 30	20 50	20 41	9 55	18 35	3 12
T 12	23 29	7 35	4 14	20 27	2 48	21 20	0 34	24 29	0 57	17 42	0 57	14 15	1 47	2 22	0 41	22 23	0 38	6 13	12 30	20 51	20 40	9 57	18 36	3 13
F 13	23 31	12 18	3 20	20 13	3 4	21 33	0 32	24 29	0 57	17 39	0 57	14 14	1 46	2 22	0 41	22 23	0 38	6 13	12 30	20 51	20 39	9 59	18 36	3 13
S 14	23 32	16 20	2 13	20 0	3 18	21 46	0 29	24 28	0 57	17 35	0 57	14 12	1 46	2 23	0 41	22 23	0 38	6 13	12 29	20 51	20 39	10 1	18 37	3 13
S 15	23 33	19 23	0 58	19 48	3 32	21 58	0 27	24 27	0 58	17 32	0 57	14 10	1 46	2 23	0 41	22 24	0 38	6 13	12 29	20 51	20 38	10 3	18 38	3 13
M16	23 34	21 12	0s20	19 36	3 45	22 10	0 24	24 26	0 58	17 29	0 57	14 8	1 46	2 24	0 41	22 24	0 38	6 13	12 29	20 51	20 37	10 5	18 38	3 13
T 17	23 34	21 38	1 37	19 25	3 58	22 21	0 22	24 24	0 58	17 26	0 57	14 6	1 46	2 24	0 41	22 24	0 38	6 13	12 28	20 51	20 37	10 7	18 39	3 13
W18	23 34	20 43	2 46	19 16	4 9	22 31	0 19	24 23	0 58	17 23	0 57	14 5	1 46	2 25	0 41	22 24	0 38	6 13	12 28	20 51	20 36	10 9	18 39	3 14
T 19	23 33	18 35	3 44	19 8	4 19	22 41	0 17	24 21	0 59	17 19	0 57	14 3	1 46	2 25	0 41	22 24	0 38	6 13	12 28	20 50	20 35	10 11	18 40	3 14
F 20	23 32	15 30	4 28	19 1	4 27	22 50	0 14	24 19	0 59	17 16	0 57	14 1	1 46	2 25	0 41	22 24	0 38	6 13	12 27	20 49	20 35	10 13	18 41	3 14
S 21	23 31	11 44	4 57	18 55	4 35	22 58	0 12	24 17	0 59	17 13	0 57	13 59	1 46	2 26	0 41	22 24	0 38	6 13	12 27	20 48	20 34	10 15	18 41	3 14
S 22	23 29	7 32	5 11	18 51	4 40	23 6	0 10	24 15	1 0	17 9	0 57	13 57	1 46	2 26	0 41	22 25	0 38	6 13	12 27	20 47	20 34	10 17	18 42	3 14
M23	23 27	3 7	5 10	18 48	4 44	23 13	0 7	24 12	1 0	17 6	0 57	13 55	1 46	2 26	0 42	22 25	0 38	6 13	12 26	20 47	20 33	10 19	18 42	3 15
T 24	23 24	1s20	4 54	18 46	4 46	23 20	0 5	24 9	1 0	17 2	0 57	13 53	1 45	2 26	0 42	22 25	0 38	6 13	12 26	20 46	20 32	10 21	18 43	3 15
W25	23 21	5 41	4 26	18 46	4 47	23 25	0 2	24 7	1 0	16 59	0 57	13 51	1 45	2 27	0 42	22 25	0 38	6 13	12 25	20 46	20 32	10 23	18 43	3 15
T 26	23 18	9 46	3 47	18 47	4 46	23 31	0n 0	24 3	1 1	16 55	0 57	13 49	1 45	2 27	0 42	22 25	0 38	6 14	12 25	20 46	20 31	10 25	18 44	3 15
F 27	23 14	13 30	2 58	18 50	4 44	23 35	0 3	24 0	1 1	16 52	0 57	13 47	1 45	2 27	0 42	22 25	0 38	6 14	12 25	20 46	20 30	10 27	18 44	3 15
S 28	23 9	16 42	2 1	18 54	4 40	23 39	0 5	23 57	1 1	16 48	0 57	13 45	1 45	2 27	0 42	22 25	0 38	6 14	12 24	20 46	20 30	10 29	18 45	3 16
S 29	23 5	19 14	0 59	19 0	4 34	23 42	0 8	23 53	1 1	16 45	0 57	13 43	1 45	2 27	0 42	22 26	0 38	6 14	12 24	20 47	20 29	10 31	18 45	3 16
M30	23n 0	20s56	0n 8	19n 7	4s27	23n44	0n10	23n49	1n 2	16n41	0n57	13n40	1n45	2n28	0s42	22s26	0n38	6s14	12n23	20s47	20s28	10s33	18n45	3s16

Julian Day Number = 2089015.5, Delta T = 23m47s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'20, Lahiri = 10°01'21 Julian Calendar 1 June 1007 == Greg. Calendar 7 June 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

JULY 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 55 21	13♋14'51	16♐31	29°R54	2♋ 2	14♋53	17♌19	28♌40	7♈46	11°R28	21°R25	2°R32	0♐58	18♎45	9♊33	T 1
W 2	18 59 17	14°12'04	29°21	29°D49	3°16	15°31	17°31	28°46	7°47	11♑27	21♏24	2♐29	0°55	18°52	9°37	W 2
T 3	19 3 14	15° 9'19	12♑30	29♊49	4°29	16°10	17°43	28°52	7°47	11°25	21°24	2°24	0°51	18°58	9°41	T 3
F 4	19 7 10	16° 6'34	25°57	29°56	5°43	16°48	17°55	28°59	7°47	11°24	21°23	2°18	0°48	19° 5	9°46	F 4
S 5	19 11 7	17° 3'50	9♒40	0♋ 8	6°57	17°27	18° 7	29° 5	7°48	11°22	21°22	2°11	0°45	19°12	9°50	S 5
S 6	19 15 3	18° 1'07	23°37	0°26	8°10	18° 5	18°19	29°11	7°48	11°20	21°21	2° 4	0°42	19°18	9°54	S 6
M 7	19 19 0	18°58'24	7♓42	0°50	9°24	18°44	18°31	29°17	7°48	11°19	21°21	1°58	0°39	19°25	9°59	M 7
T 8	19 22 57	19°55'43	21°53	1°20	10°38	19°22	18°43	29°24	7°R48	11°17	21°20	1°53	0°36	19°32	10° 3	T 8
W 9	19 26 53	20°53'02	6♈ 5	1°56	11°51	20° 1	18°55	29°30	7°48	11°15	21°19	1°50	0°32	19°38	10° 7	W 9
T 10	19 30 50	21°50'23	20°17	2°38	13° 5	20°39	19° 8	29°36	7°48	11°14	21°19	1°D49	0°29	19°45	10°11	T 10
F 11	19 34 46	22°47'45	4♉26	3°26	14°19	21°18	19°20	29°43	7°48	11°12	21°18	1°49	0°26	19°52	10°15	F 11
S 12	19 38 43	23°45'08	18°31	4°20	15°33	21°56	19°32	29°49	7°48	11°11	21°18	1°50	0°23	19°58	10°20	S 12
S 13	19 42 39	24°42'32	2♊30	5°20	16°47	22°35	19°45	29°56	7°47	11° 9	21°17	1°R51	0°20	20° 5	10°24	S 13
M14	19 46 36	25°39'58	16°23	6°25	18° 0	23°13	19°57	0♍ 2	7°47	11° 8	21°17	1°50	0°17	20°12	10°28	M14
T 15	19 50 32	26°37'25	0♋ 7	7°36	19°14	23°52	20° 9	0° 9	7°47	11° 6	21°16	1°47	0°13	20°19	10°32	T 15
W16	19 54 29	27°34'53	13°41	8°52	20°28	24°30	20°22	0°16	7°46	11° 4	21°16	1°41	0°10	20°25	10°35	W16
T 17	19 58 26	28°32'22	27° 2	10°14	21°42	25° 9	20°34	0°23	7°46	11° 3	21°16	1°34	0° 7	20°32	10°39	T 17
F 18	20 2 22	29°29'53	10♌ 9	11°40	22°56	25°47	20°47	0°29	7°46	11° 1	21°15	1°24	0° 4	20°39	10°43	F 18
S 19	20 6 19	0♌27'24	23° 0	13°11	24°10	26°25	21° 0	0°36	7°45	11° 0	21°15	1°14	0° 1	20°45	10°47	S 19
S 20	20 10 15	1°24'56	5♍35	14°46	25°24	27° 4	21°12	0°43	7°45	10°58	21°15	1° 4	29♏57	20°52	10°51	S 20
M21	20 14 12	2°22'29	17°55	16°26	26°38	27°42	21°25	0°50	7°44	10°57	21°14	0°55	29°54	20°59	10°54	M21
T 22	20 18 8	3°20'03	0♎ 1	18°10	27°52	28°20	21°37	0°57	7°43	10°55	21°14	0°48	29°51	21° 5	10°58	T 22
W23	20 22 5	4°17'38	11°58	19°56	29° 6	28°59	21°50	1° 4	7°43	10°54	21°14	0°43	29°48	21°12	11° 2	W23
T 24	20 26 1	5°15'15	23°48	21°46	0♌20	29°37	22° 3	1°11	7°42	10°53	21°14	0°40	29°45	21°19	11° 5	T 24
F 25	20 29 58	6°12'52	5♏38	23°39	1°35	0♌15	22°16	1°18	7°41	10°51	21°14	0°D40	29°42	21°25	11° 9	F 25
S 26	20 33 55	7°10'30	17°32	25°34	2°49	0°54	22°28	1°25	7°40	10°50	21°14	0°40	29°38	21°32	11°12	S 26
S 27	20 37 51	8° 8'10	29°36	27°31	4° 3	1°32	22°41	1°32	7°40	10°48	21°14	0°R40	29°35	21°39	11°15	S 27
M28	20 41 48	9° 5'50	11♐55	29°29	5°17	2°10	22°54	1°39	7°39	10°47	21°D14	0°40	29°32	21°45	11°19	M28
T 29	20 45 44	10° 3'32	24°32	1♌29	6°31	2°49	23° 7	1°46	7°38	10°46	21°14	0°37	29°29	21°52	11°22	T 29
W30	20 49 41	11° 1'15	7♑33	3°29	7°45	3°27	23°20	1°53	7°37	10°44	21°14	0°33	29°26	21°59	11°25	W30
T 31	20 53 37	11♌58'59	20♑57	5♌30	9♌ 0	4♌ 5	23♌33	2♍ 0	7♈36	10♑43	21♏14	0♐25	29♏23	22♎ 5	11♊29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n54	21s38	1n15	19n15	4s19	23n46	0n13	23n45	1n 2	16n37	0n57	13n38	1n45	2n28	0s42	22s26	0n38	6s14	12n23	20s47	20s28	10s35	18n46	3s16
W 2	22 48	21 14	2 20	19 24	4 10	23 46	0 15	23 41	1 2	16 34	0 57	13 36	1 45	2 28	0 42	22 26	0 38	6 15	12 23	20 46	20 27	10 37	18 46	3 16
T 3	22 42	19 40	3 19	19 35	3 59	23 47	0 17	23 37	1 2	16 30	0 57	13 34	1 45	2 28	0 42	22 26	0 38	6 15	12 22	20 45	20 26	10 39	18 47	3 17
F 4	22 35	17 0	4 9	19 46	3 48	23 46	0 20	23 32	1 3	16 26	0 57	13 32	1 45	2 28	0 42	22 26	0 38	6 15	12 22	20 44	20 26	10 41	18 47	3 17
S 5	22 28	13 21	4 45	19 58	3 36	23 45	0 22	23 28	1 3	16 23	0 57	13 29	1 45	2 28	0 42	22 27	0 38	6 15	12 21	20 43	20 25	10 43	18 48	3 17
S 6	22 21	8 56	5 5	20 11	3 23	23 43	0 24	23 23	1 3	16 19	0 57	13 27	1 45	2 28	0 42	22 27	0 38	6 16	12 21	20 41	20 24	10 45	18 48	3 17
M 7	22 13	3 59	5 6	20 25	3 9	23 40	0 27	23 18	1 3	16 15	0 57	13 25	1 45	2 28	0 42	22 27	0 38	6 16	12 20	20 40	20 24	10 47	18 48	3 18
T 8	22 5	1n12	4 50	20 39	2 55	23 37	0 29	23 12	1 3	16 11	0 57	13 23	1 45	2 28	0 42	22 27	0 38	6 16	12 20	20 39	20 23	10 49	18 49	3 18
W 9	21 56	6 20	4 15	20 53	2 41	23 33	0 31	23 7	1 4	16 8	0 57	13 20	1 45	2 28	0 42	22 27	0 38	6 16	12 20	20 38	20 22	10 51	18 49	3 18
T 10	21 47	11 7	3 25	21 7	2 26	23 28	0 33	23 1	1 4	16 4	0 57	13 18	1 45	2 28	0 42	22 27	0 38	6 17	12 19	20 38	20 22	10 52	18 49	3 18
F 11	21 38	15 18	2 22	21 21	2 11	23 23	0 36	22 56	1 4	16 0	0 57	13 16	1 44	2 28	0 42	22 27	0 38	6 17	12 19	20 38	20 21	10 54	18 50	3 19
S 12	21 28	18 34	1 11	21 34	1 56	23 17	0 38	22 50	1 4	15 56	0 57	13 13	1 44	2 28	0 42	22 28	0 38	6 17	12 18	20 38	20 20	10 56	18 50	3 19
S 13	21 18	20 43	0s 4	21 47	1 40	23 10	0 40	22 43	1 5	15 52	0 57	13 11	1 44	2 28	0 42	22 28	0 38	6 18	12 18	20 38	20 20	10 58	18 50	3 19
M14	21 7	21 35	1 17	21 59	1 25	23 2	0 42	22 37	1 5	15 48	0 57	13 9	1 44	2 28	0 42	22 28	0 38	6 18	12 17	20 38	20 19	11 0	18 51	3 19
T 15	20 57	21 8	2 26	22 11	1 10	22 54	0 44	22 31	1 5	15 44	0 57	13 6	1 44	2 27	0 42	22 28	0 38	6 18	12 17	20 38	20 18	11 2	18 51	3 20
W16	20 45	19 28	3 25	22 21	0 55	22 45	0 46	22 24	1 5	15 40	0 57	13 4	1 44	2 27	0 42	22 28	0 38	6 19	12 16	20 37	20 18	11 4	18 51	3 20
T 17	20 34	16 45	4 11	22 29	0 41	22 36	0 48	22 17	1 5	15 36	0 57	13 1	1 44	2 27	0 42	22 28	0 38	6 19	12 16	20 35	20 17	11 6	18 52	3 20
F 18	20 22	13 14	4 44	22 36	0 27	22 25	0 50	22 10	1 6	15 32	0 57	12 59	1 44	2 27	0 42	22 28	0 38	6 19	12 15	20 33	20 16	11 8	18 52	3 20
S 19	20 10	9 11	5 1	22 42	0 13	22 14	0 52	22 3	1 6	15 28	0 57	12 56	1 44	2 27	0 42	22 29	0 38	6 20	12 15	20 31	20 16	11 10	18 52	3 21
S 20	19 57	4 49	5 3	22 45	0n 0	22 3	0 54	21 56	1 6	15 24	0 57	12 54	1 44	2 26	0 42	22 29	0 38	6 20	12 14	20 29	20 15	11 12	18 52	3 21
M21	19 44	0 20	4 51	22 45	0 13	21 51	0 55	21 49	1 6	15 20	0 57	12 51	1 44	2 26	0 42	22 29	0 38	6 21	12 14	20 27	20 14	11 14	18 53	3 21
T 22	19 31	4s 4	4 26	22 44	0 25	21 38	0 57	21 41	1 6	15 16	0 57	12 49	1 44	2 26	0 42	22 29	0 38	6 21	12 13	20 26	20 14	11 15	18 53	3 22
W23	19 17	8 16	3 50	22 40	0 36	21 24	0 59	21 33	1 7	15 12	0 57	12 46	1 44	2 26	0 42	22 29	0 38	6 21	12 13	20 25	20 13	11 17	18 53	3 22
T 24	19 3	12 7	3 3	22 33	0 46	21 10	1 1	21 26	1 7	15 8	0 57	12 44	1 44	2 25	0 42	22 29	0 38	6 22	12 13	20 24	20 12	11 19	18 53	3 22
F 25	18 49	15 30	2 9	22 24	0 56	20 55	1 2	21 17	1 7	15 3	0 57	12 41	1 44	2 25	0 42	22 29	0 38	6 22	12 12	20 24	20 12	11 21	18 53	3 22
S 26	18 35	18 16	1 9	22 12	1 5	20 40	1 4	21 9	1 7	14 59	0 57	12 39	1 44	2 25	0 43	22 30	0 38	6 23	12 12	20 24	20 11	11 23	18 54	3 23
S 27	18 20	20 16	0 6	21 57	1 13	20 24	1 5	21 1	1 7	14 55	0 57	12 36	1 44	2 24	0 43	22 30	0 38	6 23	12 11	20 24	20 10	11 25	18 54	3 23
M28	18 5	21 21	1n 0	21 40	1 20	20 8	1 7	20 52	1 7	14 51	0 57	12 34	1 44	2 24	0 43	22 30	0 38	6 24	12 11	20 24	20 9	11 27	18 54	3 23
T 29	17 49	21 24	2 3	21 20	1 26	19 50	1 8	20 44	1 8	14 47	0 57	12 31	1 44	2 23	0 43	22 30	0 38	6 24	12 10	20 23	20 9	11 29	18 54	3 24
W30	17 33	20 19	3 3	20 58	1 31	19 33	1 10	20 35	1 8	14 42	0 57	12 29	1 44	2 23	0 43	22 30	0 38	6 25	12 10	20 22	20 8	11 31	18 54	3 24
T 31	17n17	18s 5	3n54	20n33	1n36	19n15	1n11	20n26	1n 8	14n38	0n57	12n26	1n44	2n23	0s43	22s30	0n38	6s25	12n 9	20s21	20s 7	11s32	18n54	3s24

Julian Day Number = 2089045.5, Delta T = 23m47s
Ecliptic obliquity = 23°33'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'24, Lahiri = 10°01'25 Julian Calendar 1 July 1007 == Greg. Calendar 7 July 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

AUGUST 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 57 34	12♌56'44	4♒44	7♌31	10♌14	4♌43	23♌46	2♍ 8	7°R35	10°R42	21♏14	0°R16	29♏19	22♎12	11♊32	F 1
S 2	21 1 30	13°54'31	18°52	9°31	11°28	5°22	23°58	2°15	7♈34	10♑40	21°14	0♐ 5	29°16	22°19	11°35	S 2
S 3	21 5 27	14°52'20	3♓15	11°32	12°43	6° 0	24°11	2°22	7°32	10°39	21°14	29♏54	29°13	22°25	11°38	S 3
M 4	21 9 24	15°50'10	17°47	13°32	13°57	6°38	24°24	2°29	7°31	10°38	21°14	29°44	29°10	22°32	11°41	M 4
T 5	21 13 20	16°48'01	2♈21	15°31	15°11	7°16	24°37	2°37	7°30	10°36	21°15	29°36	29° 7	22°39	11°44	T 5
W 6	21 17 17	17°45'55	16°51	17°30	16°26	7°54	24°50	2°44	7°29	10°35	21°15	29°31	29° 3	22°45	11°46	W 6
T 7	21 21 13	18°43'50	1♉13	19°28	17°40	8°33	25° 3	2°51	7°27	10°34	21°15	29°28	29° 0	22°52	11°49	T 7
F 8	21 25 10	19°41'47	15°23	21°24	18°54	9°11	25°16	2°59	7°26	10°33	21°16	29°D27	28°57	22°59	11°52	F 8
S 9	21 29 6	20°39'47	29°20	23°20	20° 9	9°49	25°29	3° 6	7°24	10°32	21°16	29°R27	28°54	23° 5	11°55	S 9
S 10	21 33 3	21°37'48	13♊ 5	25°15	21°23	10°27	25°42	3°13	7°23	10°31	21°16	29°27	28°51	23°12	11°57	S 10
M11	21 36 59	22°35'51	26°39	27° 8	22°38	11° 5	25°55	3°21	7°22	10°29	21°17	29°25	28°48	23°19	12° 0	M11
T 12	21 40 56	23°33'57	10♋ 1	29° 0	23°52	11°43	26° 8	3°28	7°20	10°28	21°17	29°20	28°44	23°25	12° 2	T 12
W13	21 44 53	24°32'04	23°12	0♍51	25° 7	12°22	26°21	3°36	7°18	10°27	21°18	29°13	28°41	23°32	12° 5	W13
T 14	21 48 49	25°30'13	6♌12	2°41	26°21	13° 0	26°34	3°43	7°17	10°26	21°18	29° 3	28°38	23°39	12° 7	T 14
F 15	21 52 46	26°28'23	19° 0	4°29	27°36	13°38	26°47	3°50	7°15	10°25	21°19	28°50	28°35	23°45	12° 9	F 15
S 16	21 56 42	27°26'36	1♍35	6°16	28°50	14°16	27° 0	3°58	7°13	10°24	21°20	28°37	28°32	23°52	12°12	S 16
S 17	22 0 39	28°24'50	13°59	8° 2	0♍ 5	14°54	27°14	4° 5	7°12	10°23	21°20	28°23	28°28	23°59	12°14	S 17
M18	22 4 35	29°23'06	26°10	9°47	1°19	15°32	27°27	4°13	7°10	10°22	21°21	28°11	28°25	24° 5	12°16	M18
T 19	22 8 32	0♍21'24	8♎11	11°31	2°34	16°10	27°40	4°20	7° 8	10°21	21°22	28° 1	28°22	24°12	12°18	T 19
W20	22 12 28	1°19'43	20° 4	13°14	3°49	16°49	27°53	4°28	7° 6	10°21	21°22	27°54	28°19	24°19	12°20	W20
T 21	22 16 25	2°18'05	1♏53	14°55	5° 3	17°27	28° 6	4°35	7° 5	10°20	21°23	27°49	28°16	24°25	12°22	T 21
F 22	22 20 21	3°16'27	13°40	16°35	6°18	18° 5	28°19	4°43	7° 3	10°19	21°24	27°47	28°13	24°32	12°23	F 22
S 23	22 24 18	4°14'52	25°32	18°14	7°32	18°43	28°32	4°50	7° 1	10°18	21°25	27°D47	28° 9	24°39	12°25	S 23
S 24	22 28 15	5°13'18	7♐34	19°52	8°47	19°21	28°45	4°58	6°59	10°17	21°26	27°R47	28° 6	24°45	12°27	S 24
M25	22 32 11	6°11'46	19°51	21°29	10° 2	19°59	28°58	5° 5	6°57	10°17	21°27	27°46	28° 3	24°52	12°28	M25
T 26	22 36 8	7°10'15	2♑28	23° 5	11°16	20°37	29°11	5°13	6°55	10°16	21°28	27°44	28° 0	24°59	12°30	T 26
W27	22 40 4	8° 8'46	15°30	24°40	12°31	21°15	29°24	5°20	6°53	10°15	21°29	27°39	27°57	25° 5	12°32	W27
T 28	22 44 1	9° 7'19	29° 0	26°14	13°46	21°53	29°37	5°28	6°51	10°15	21°30	27°32	27°54	25°12	12°33	T 28
F 29	22 47 57	10° 5'54	12♒57	27°46	15° 1	22°31	29°50	5°35	6°49	10°14	21°31	27°23	27°50	25°19	12°34	F 29
S 30	22 51 54	11° 4'30	27°20	29°18	16°15	23° 9	0♍ 2	5°43	6°46	10°13	21°32	27°12	27°47	25°25	12°35	S 30
S 31	22 55 50	12♍ 3'09	12♓ 3	0♎49	17♍30	23♌47	0♍15	5♍50	6♈44	10♑13	21♏33	27♏ 1	27♏44	25♎32	12♊37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17n 1	14s46	4n33	20n 6	1n39	18n56	1n12	20n17	1n 8	14n34	0n57	12n23	1n44	2n22	0s43	22s30	0n38	6s26	12n 9	20s19	20s 7	11s34	18n54	3s25
S 2	16 44	10 34	4 56	19 36	1 42	18 36	1 13	20 8	1 8	14 30	0 57	12 21	1 44	2 22	0 43	22 30	0 38	6 26	12 8	20 17	20 6	11 36	18 54	3 25
S 3	16 28	5 41	5 1	19 5	1 44	18 17	1 14	19 59	1 8	14 25	0 57	12 18	1 44	2 21	0 43	22 31	0 38	6 27	12 8	20 14	20 5	11 38	18 55	3 25
M 4	16 10	0 27	4 47	18 32	1 46	17 56	1 16	19 49	1 9	14 21	0 57	12 16	1 44	2 21	0 43	22 31	0 38	6 27	12 7	20 12	20 5	11 40	18 55	3 26
T 5	15 53	4n49	4 14	17 58	1 46	17 35	1 17	19 40	1 9	14 17	0 57	12 13	1 44	2 20	0 43	22 31	0 38	6 28	12 7	20 10	20 4	11 42	18 55	3 26
W 6	15 35	9 49	3 25	17 22	1 46	17 14	1 18	19 30	1 9	14 12	0 57	12 10	1 44	2 20	0 43	22 31	0 38	6 28	12 6	20 9	20 3	11 44	18 55	3 26
T 7	15 17	14 12	2 24	16 44	1 46	16 52	1 18	19 20	1 9	14 8	0 57	12 8	1 44	2 19	0 43	22 31	0 38	6 29	12 6	20 9	20 3	11 45	18 55	3 27
F 8	14 59	17 43	1 14	16 5	1 44	16 30	1 19	19 10	1 9	14 4	0 57	12 5	1 44	2 19	0 43	22 31	0 38	6 29	12 5	20 8	20 2	11 47	18 55	3 27
S 9	14 41	20 8	0 1	15 26	1 43	16 7	1 20	19 0	1 9	13 59	0 57	12 2	1 44	2 18	0 43	22 31	0 38	6 30	12 5	20 8	20 1	11 49	18 55	3 27
S 10	14 22	21 18	1s12	14 45	1 40	15 43	1 21	18 49	1 9	13 55	0 57	12 0	1 44	2 17	0 43	22 31	0 38	6 31	12 4	20 8	20 0	11 51	18 55	3 28
M11	14 3	21 13	2 19	14 3	1 37	15 20	1 22	18 39	1 9	13 50	0 57	11 57	1 44	2 17	0 43	22 32	0 38	6 31	12 4	20 8	20 0	11 53	18 55	3 28
T 12	13 44	19 55	3 17	13 21	1 34	14 56	1 22	18 29	1 10	13 46	0 57	11 54	1 44	2 16	0 43	22 32	0 38	6 32	12 3	20 7	19 59	11 55	18 55	3 28
W13	13 25	17 33	4 4	12 38	1 30	14 31	1 23	18 18	1 10	13 42	0 57	11 52	1 44	2 15	0 43	22 32	0 37	6 32	12 3	20 5	19 58	11 56	18 55	3 29
T 14	13 5	14 21	4 37	11 55	1 26	14 6	1 23	18 7	1 10	13 37	0 57	11 49	1 44	2 15	0 43	22 32	0 37	6 33	12 2	20 3	19 58	11 58	18 55	3 29
F 15	12 45	10 31	4 56	11 11	1 22	13 41	1 24	17 56	1 10	13 33	0 57	11 46	1 44	2 14	0 43	22 32	0 37	6 34	12 2	20 0	19 57	12 0	18 55	3 29
S 16	12 25	6 18	5 0	10 27	1 17	13 15	1 24	17 45	1 10	13 28	0 57	11 43	1 44	2 13	0 43	22 32	0 37	6 34	12 1	19 57	19 56	12 2	18 55	3 30
S 17	12 5	1 53	4 49	9 42	1 12	12 49	1 24	17 34	1 10	13 24	0 57	11 41	1 44	2 13	0 43	22 32	0 37	6 35	12 1	19 54	19 56	12 4	18 55	3 30
M18	11 45	2s32	4 26	8 58	1 6	12 23	1 24	17 23	1 10	13 19	0 58	11 38	1 44	2 12	0 43	22 32	0 37	6 35	12 0	19 52	19 55	12 5	18 54	3 30
T 19	11 24	6 47	3 50	8 13	1 0	11 56	1 25	17 12	1 10	13 15	0 58	11 35	1 44	2 11	0 43	22 32	0 37	6 36	12 0	19 49	19 54	12 7	18 54	3 31
W20	11 4	10 45	3 5	7 28	0 54	11 29	1 25	17 0	1 11	13 11	0 58	11 33	1 44	2 11	0 43	22 32	0 37	6 37	11 59	19 48	19 53	12 9	18 54	3 31
T 21	10 43	14 16	2 13	6 43	0 48	11 1	1 25	16 49	1 11	13 6	0 58	11 30	1 45	2 10	0 43	22 33	0 37	6 37	11 59	19 47	19 53	12 11	18 54	3 31
F 22	10 21	17 12	1 14	5 58	0 42	10 34	1 25	16 37	1 11	13 2	0 58	11 27	1 45	2 9	0 43	22 33	0 37	6 38	11 58	19 46	19 52	12 13	18 54	3 32
S 23	10 0	19 26	0 12	5 13	0 35	10 6	1 25	16 25	1 11	12 57	0 58	11 25	1 45	2 8	0 43	22 33	0 37	6 39	11 58	19 46	19 51	12 14	18 54	3 32
S 24	9 39	20 50	0n52	4 28	0 28	9 37	1 24	16 13	1 11	12 53	0 58	11 22	1 45	2 7	0 43	22 33	0 37	6 39	11 57	19 46	19 51	12 16	18 54	3 32
M25	9 17	21 17	1 54	3 43	0 21	9 9	1 24	16 1	1 11	12 48	0 58	11 19	1 45	2 7	0 43	22 33	0 37	6 40	11 57	19 46	19 50	12 18	18 54	3 33
T 26	8 55	20 40	2 53	2 59	0 14	8 40	1 24	15 49	1 11	12 44	0 58	11 16	1 45	2 6	0 43	22 33	0 37	6 41	11 57	19 46	19 49	12 20	18 53	3 33
W27	8 34	18 57	3 44	2 14	0 7	8 11	1 24	15 37	1 11	12 39	0 58	11 14	1 45	2 5	0 43	22 33	0 37	6 41	11 56	19 45	19 48	12 22	18 53	3 34
T 28	8 12	16 8	4 25	1 30	0s 0	7 42	1 23	15 25	1 11	12 35	0 58	11 11	1 45	2 4	0 43	22 33	0 37	6 42	11 56	19 43	19 48	12 23	18 53	3 34
F 29	7 49	12 21	4 52	0 46	0 8	7 12	1 23	15 12	1 11	12 30	0 58	11 8	1 45	2 3	0 43	22 33	0 37	6 43	11 55	19 41	19 47	12 25	18 53	3 34
S 30	7 27	7 44	5 2	0 3	0 15	6 43	1 22	15 0	1 12	12 26	0 58	11 6	1 45	2 3	0 43	22 33	0 37	6 44	11 55	19 38	19 46	12 27	18 53	3 35
S 31	7n 5	2s35	4n51	0s40	0s23	6n13	1n22	14n47	1n12	12n21	0n58	11n 3	1n45	2n 2	0s43	22s33	0n37	6s44	11n54	19s36	19s46	12s29	18n52	3s35

Julian Day Number = 2089076.5, Delta T = 23m46s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'29, Lahiri = 10°01'29 Julian Calendar 1 Aug. 1007 == Greg. Calendar 7 Aug. 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

SEPTEMBER 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 59 47	13♍ 1'49	26♓59	2♎18	18♍45	24♌25	0♍28	5♍58	6°R42	10°R12	21♏34	26°R51	27♏41	25♎39	12♊38	M 1
T 2	23 3 44	14° 0'31	11♈57	3°47	19°59	25° 4	0°41	6° 5	6♈40	10♑12	21°35	26♏43	27°38	25°45	12°39	T 2
W 3	23 7 40	14°59'16	26°50	5°14	21°14	25°42	0°54	6°12	6°38	10°11	21°36	26°38	27°34	25°52	12°40	W 3
T 4	23 11 37	15°58'03	11♉29	6°41	22°29	26°20	1° 7	6°20	6°36	10°11	21°38	26°35	27°31	25°59	12°41	T 4
F 5	23 15 33	16°56'52	25°51	8° 6	23°44	26°58	1°20	6°27	6°33	10°10	21°39	26°D34	27°28	26° 5	12°42	F 5
S 6	23 19 30	17°55'43	9♊53	9°30	24°58	27°36	1°32	6°35	6°31	10°10	21°40	26°34	27°25	26°12	12°42	S 6
S 7	23 23 26	18°54'37	23°36	10°53	26°13	28°14	1°45	6°42	6°29	10°10	21°41	26°R34	27°22	26°19	12°43	S 7
M 8	23 27 23	19°53'34	7♋ 1	12°15	27°28	28°52	1°58	6°49	6°26	10° 9	21°43	26°33	27°19	26°25	12°44	M 8
T 9	23 31 19	20°52'33	20° 9	13°36	28°43	29°30	2°11	6°57	6°24	10° 9	21°44	26°30	27°15	26°32	12°44	T 9
W10	23 35 16	21°51'33	3♌ 3	14°56	29°58	0♍ 8	2°23	7° 4	6°22	10° 9	21°45	26°23	27°12	26°39	12°44	W10
T 11	23 39 13	22°50'37	15°45	16°14	1♎13	0°46	2°36	7°12	6°19	10° 9	21°47	26°15	27° 9	26°45	12°45	T 11
F 12	23 43 9	23°49'42	28°15	17°31	2°27	1°24	2°48	7°19	6°17	10° 8	21°48	26° 4	27° 6	26°52	12°45	F 12
S 13	23 47 6	24°48'50	10♍35	18°46	3°42	2° 2	3° 1	7°26	6°15	10° 8	21°50	25°53	27° 3	26°59	12°45	S 13
S 14	23 51 2	25°47'59	22°45	20° 0	4°57	2°40	3°14	7°33	6°12	10° 8	21°51	25°41	27° 0	27° 5	12°46	S 14
M15	23 54 59	26°47'11	4♎47	21°13	6°12	3°18	3°26	7°41	6°10	10° 8	21°53	25°30	26°56	27°12	12°R46	M15
T 16	23 58 55	27°46'25	16°42	22°24	7°27	3°56	3°38	7°48	6° 7	10° 8	21°54	25°22	26°53	27°19	12°46	T 16
W17	0 2 52	28°45'41	28°31	23°33	8°42	4°34	3°51	7°55	6° 5	10°D 8	21°56	25°16	26°50	27°25	12°45	W17
T 18	0 6 48	29°44'59	10♏18	24°40	9°56	5°12	4° 3	8° 2	6° 3	10° 8	21°58	25°12	26°47	27°32	12°45	T 18
F 19	0 10 45	0♎44'19	22° 5	25°44	11°11	5°50	4°16	8° 9	6° 0	10° 8	21°59	25°D11	26°44	27°39	12°45	F 19
S 20	0 14 41	1°43'41	3♐56	26°47	12°26	6°28	4°28	8°16	5°58	10° 8	22° 1	25°11	26°40	27°45	12°45	S 20
S 21	0 18 38	2°43'04	15°56	27°47	13°41	7° 6	4°40	8°23	5°55	10° 8	22° 3	25°12	26°37	27°52	12°44	S 21
M22	0 22 35	3°42'30	28°11	28°44	14°56	7°44	4°52	8°30	5°53	10° 8	22° 4	25°R13	26°34	27°59	12°44	M22
T 23	0 26 31	4°41'57	10♑44	29°39	16°11	8°22	5° 4	8°37	5°50	10° 9	22° 6	25°13	26°31	28° 5	12°43	T 23
W24	0 30 28	5°41'26	23°41	0♏30	17°26	9° 0	5°17	8°44	5°48	10° 9	22° 8	25°11	26°28	28°12	12°43	W24
T 25	0 34 24	6°40'57	7♒ 6	1°17	18°41	9°38	5°29	8°51	5°46	10° 9	22°10	25° 8	26°25	28°19	12°42	T 25
F 26	0 38 21	7°40'30	21° 1	2° 1	19°55	10°16	5°41	8°58	5°43	10° 9	22°11	25° 2	26°21	28°25	12°41	F 26
S 27	0 42 17	8°40'04	5♓24	2°40	21°10	10°54	5°53	9° 5	5°41	10°10	22°13	24°55	26°18	28°32	12°40	S 27
S 28	0 46 14	9°39'41	20°12	3°14	22°25	11°32	6° 4	9°12	5°38	10°10	22°15	24°48	26°15	28°39	12°40	S 28
M29	0 50 10	10°39'19	5♈18	3°43	23°40	12°10	6°16	9°19	5°36	10°10	22°17	24°41	26°12	28°45	12°39	M29
T 30	0 54 7	11♎38'59	20♈32	4♏ 6	24♎55	12♍48	6♍28	9♍25	5♈33	10♑11	22♏19	24♏36	26♏ 9	28♎52	12♊38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n42	2n47	4n21	1s23	0s30	5n43	1n21	14n35	1n12	12n17	0n58	11n 0	1n45	2n 1	0s43	22s33	0n37	6s45	11n54	19s33	19s45	12s30	18n52	3s35
T 2	6 19	8 1	3 33	2 5	0 38	5 13	1 20	14 22	1 12	12 12	0 59	10 57	1 45	2 0	0 43	22 34	0 37	6 46	11 53	19 32	19 44	12 32	18 52	3 36
W 3	5 57	12 44	2 31	2 47	0 46	4 42	1 19	14 9	1 12	12 8	0 59	10 55	1 45	1 59	0 43	22 34	0 37	6 46	11 53	19 30	19 43	12 34	18 52	3 36
T 4	5 34	16 37	1 19	3 29	0 53	4 12	1 18	13 56	1 12	12 3	0 59	10 52	1 45	1 58	0 43	22 34	0 37	6 47	11 52	19 30	19 43	12 36	18 51	3 37
F 5	5 11	19 23	0 4	4 10	1 1	3 41	1 18	13 43	1 12	11 59	0 59	10 49	1 46	1 57	0 43	22 34	0 37	6 48	11 52	19 29	19 42	12 38	18 51	3 37
S 6	4 48	20 54	1s10	4 50	1 9	3 11	1 17	13 30	1 12	11 54	0 59	10 47	1 46	1 56	0 43	22 34	0 37	6 49	11 52	19 30	19 41	12 39	18 51	3 37
S 7	4 25	21 6	2 19	5 30	1 16	2 40	1 15	13 17	1 12	11 50	0 59	10 44	1 46	1 55	0 43	22 34	0 37	6 49	11 51	19 30	19 40	12 41	18 51	3 38
M 8	4 1	20 5	3 18	6 9	1 24	2 9	1 14	13 3	1 12	11 45	0 59	10 41	1 46	1 54	0 43	22 34	0 37	6 50	11 51	19 29	19 40	12 43	18 50	3 38
T 9	3 38	18 0	4 5	6 48	1 31	1 38	1 13	12 50	1 12	11 41	0 59	10 39	1 46	1 54	0 43	22 34	0 37	6 51	11 50	19 28	19 39	12 44	18 50	3 38
W10	3 15	15 3	4 39	7 26	1 39	1 7	1 12	12 37	1 12	11 36	0 59	10 36	1 46	1 53	0 43	22 34	0 37	6 52	11 50	19 27	19 38	12 46	18 50	3 39
T 11	2 51	11 27	4 59	8 3	1 46	0 36	1 11	12 23	1 12	11 32	0 59	10 33	1 46	1 52	0 43	22 34	0 37	6 52	11 49	19 25	19 38	12 48	18 49	3 39
F 12	2 28	7 24	5 3	8 39	1 53	0 5	1 9	12 10	1 12	11 27	1 0	10 31	1 46	1 51	0 43	22 34	0 37	6 53	11 49	19 22	19 37	12 50	18 49	3 40
S 13	2 4	3 7	4 54	9 15	2 0	0s26	1 8	11 56	1 12	11 23	1 0	10 28	1 46	1 50	0 43	22 34	0 37	6 54	11 49	19 20	19 36	12 51	18 49	3 40
S 14	1 41	1s15	4 31	9 49	2 7	0 58	1 7	11 42	1 13	11 18	1 0	10 25	1 46	1 49	0 43	22 34	0 37	6 55	11 48	19 17	19 35	12 53	18 48	3 40
M15	1 17	5 31	3 56	10 23	2 14	1 29	1 5	11 29	1 13	11 14	1 0	10 23	1 47	1 48	0 43	22 34	0 37	6 55	11 48	19 14	19 35	12 55	18 48	3 41
T 16	0 53	9 32	3 11	10 56	2 21	2 0	1 4	11 15	1 13	11 9	1 0	10 20	1 47	1 47	0 43	22 34	0 36	6 56	11 47	19 12	19 34	12 57	18 48	3 41
W17	0 30	13 9	2 18	11 28	2 27	2 31	1 2	11 1	1 13	11 5	1 0	10 18	1 47	1 46	0 43	22 34	0 36	6 57	11 47	19 11	19 33	12 58	18 47	3 42
T 18	0 6	16 14	1 19	11 58	2 33	3 2	1 0	10 47	1 13	11 0	1 0	10 15	1 47	1 45	0 43	22 34	0 36	6 58	11 47	19 10	19 32	13 0	18 47	3 42
F 19	0s18	18 39	0 17	12 28	2 39	3 33	0 59	10 33	1 13	10 56	1 0	10 12	1 47	1 44	0 43	22 34	0 36	6 58	11 46	19 10	19 32	13 2	18 46	3 42
S 20	0 41	20 17	0n47	12 56	2 45	4 4	0 57	10 19	1 13	10 52	1 0	10 10	1 47	1 43	0 43	22 34	0 36	6 59	11 46	19 10	19 31	13 3	18 46	3 43
S 21	1 5	21 0	1 50	13 23	2 50	4 35	0 55	10 4	1 13	10 47	1 1	10 7	1 47	1 42	0 43	22 34	0 36	7 0	11 45	19 10	19 30	13 5	18 46	3 43
M22	1 29	20 45	2 48	13 48	2 55	5 6	0 53	9 50	1 13	10 43	1 1	10 5	1 47	1 41	0 43	22 34	0 36	7 1	11 45	19 10	19 29	13 7	18 45	3 43
T 23	1 53	19 28	3 41	14 12	2 59	5 37	0 51	9 36	1 13	10 39	1 1	10 2	1 47	1 40	0 43	22 34	0 36	7 2	11 45	19 10	19 29	13 8	18 45	3 44
W24	2 16	17 9	4 24	14 33	3 3	6 7	0 49	9 22	1 13	10 34	1 1	10 0	1 48	1 39	0 43	22 34	0 36	7 2	11 44	19 10	19 28	13 10	18 44	3 44
T 25	2 40	13 51	4 54	14 54	3 6	6 38	0 47	9 7	1 13	10 30	1 1	9 57	1 48	1 38	0 43	22 34	0 36	7 3	11 44	19 9	19 27	13 12	18 44	3 45
F 26	3 4	9 42	5 8	15 11	3 9	7 8	0 45	8 53	1 13	10 26	1 1	9 55	1 48	1 37	0 43	22 34	0 36	7 4	11 44	19 8	19 26	13 13	18 43	3 45
S 27	3 27	4 52	5 4	15 27	3 11	7 38	0 43	8 38	1 13	10 21	1 1	9 52	1 48	1 36	0 43	22 34	0 36	7 5	11 43	19 6	19 26	13 15	18 43	3 45
S 28	3 51	0n23	4 39	15 40	3 13	8 8	0 41	8 24	1 13	10 17	1 1	9 50	1 48	1 35	0 43	22 34	0 36	7 5	11 43	19 4	19 25	13 17	18 42	3 46
M29	4 14	5 43	3 55	15 51	3 13	8 38	0 39	8 9	1 13	10 13	1 2	9 47	1 48	1 34	0 43	22 34	0 36	7 6	11 43	19 3	19 24	13 18	18 42	3 46
T 30	4s38	10n44	2n54	15s59	3s13	9s 8	0n37	7n55	1n13	10n 8	1n 2	9n45	1n48	1n33	0s43	22s34	0n36	7s 7	11n42	19s 1	19s23	13s20	18n41	3s46

Julian Day Number = 2089107.5, Delta T = 23m46s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'33, Lahiri = 10°01'33 Julian Calendar 1 Sept. 1007 == Greg. Calendar 7 Sept. 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

OCTOBER 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 58 4	12♎38'42	5♉43	4♏23	26♎10	13♍26	6♍40	9♍32	5°R31	10♑11	22♏21	24°R33	26♏ 5	28♎59	12°R36	W 1
T 2	1 2 0	13°38'26	20°42	4°33	27°25	14° 4	6°51	9°39	5♈29	10°12	22°23	24°D31	26° 2	29° 5	12♊35	T 2
F 3	1 5 57	14°38'13	5♊22	4°R36	28°40	14°42	7° 3	9°45	5°26	10°12	22°25	24♏32	25°59	29°12	12°34	F 3
S 4	1 9 53	15°38'02	19°38	4°31	29°54	15°20	7°14	9°52	5°24	10°13	22°27	24°33	25°56	29°19	12°33	S 4
S 5	1 13 50	16°37'54	3♋30	4°17	1♏ 9	15°58	7°26	9°59	5°21	10°13	22°29	24°34	25°53	29°25	12°31	S 5
M 6	1 17 46	17°37'48	16°57	3°54	2°24	16°36	7°37	10° 5	5°19	10°14	22°31	24°R35	25°50	29°32	12°30	M 6
T 7	1 21 43	18°37'44	0♌ 3	3°22	3°39	17°14	7°49	10°11	5°17	10°15	22°33	24°35	25°46	29°39	12°28	T 7
W 8	1 25 39	19°37'42	12°49	2°41	4°54	17°52	8° 0	10°18	5°14	10°15	22°35	24°32	25°43	29°45	12°26	W 8
T 9	1 29 36	20°37'42	25°20	1°51	6° 9	18°30	8°11	10°24	5°12	10°16	22°37	24°28	25°40	29°52	12°25	T 9
F 10	1 33 33	21°37'45	7♍37	0°53	7°24	19° 8	8°22	10°30	5°10	10°17	22°39	24°23	25°37	29°59	12°23	F 10
S 11	1 37 29	22°37'49	19°45	29♎47	8°38	19°46	8°33	10°37	5° 7	10°18	22°41	24°17	25°34	0♏ 5	12°21	S 11
S 12	1 41 26	23°37'56	1♎44	28°35	9°53	20°24	8°44	10°43	5° 5	10°18	22°43	24°12	25°31	0°12	12°19	S 12
M13	1 45 22	24°38'04	13°38	27°19	11° 8	21° 2	8°55	10°49	5° 3	10°19	22°45	24° 6	25°27	0°19	12°17	M13
T 14	1 49 19	25°38'15	25°28	26° 1	12°23	21°40	9° 6	10°55	5° 0	10°20	22°47	24° 2	25°24	0°25	12°15	T 14
W15	1 53 15	26°38'28	7♏15	24°43	13°38	22°18	9°17	11° 1	4°58	10°21	22°49	23°59	25°21	0°32	12°13	W15
T 16	1 57 12	27°38'42	19° 3	23°28	14°53	22°56	9°27	11° 7	4°56	10°22	22°52	23°D58	25°18	0°39	12°11	T 16
F 17	2 1 8	28°38'58	0♐53	22°19	16° 8	23°34	9°38	11°13	4°54	10°23	22°54	23°58	25°15	0°45	12° 9	F 17
S 18	2 5 5	29°39'16	12°49	21°16	17°23	24°12	9°48	11°19	4°52	10°24	22°56	23°59	25°11	0°52	12° 6	S 18
S 19	2 9 1	0♏39'35	24°52	20°23	18°37	24°50	9°59	11°24	4°50	10°25	22°58	24° 1	25° 8	0°59	12° 4	S 19
M20	2 12 58	1°39'56	7♑ 9	19°40	19°52	25°28	10° 9	11°30	4°47	10°26	23° 0	24° 3	25° 5	1° 5	12° 2	M20
T 21	2 16 55	2°40'19	19°41	19° 8	21° 7	26° 6	10°19	11°36	4°45	10°27	23° 3	24° 4	25° 2	1°12	11°59	T 21
W22	2 20 51	3°40'42	2♒34	18°49	22°22	26°44	10°29	11°41	4°43	10°28	23° 5	24°R 5	24°59	1°19	11°57	W22
T 23	2 24 48	4°41'08	15°51	18°D40	23°37	27°22	10°39	11°47	4°41	10°29	23° 7	24° 4	24°56	1°25	11°54	T 23
F 24	2 28 44	5°41'34	29°34	18°43	24°52	28° 0	10°49	11°52	4°39	10°31	23° 9	24° 3	24°52	1°32	11°51	F 24
S 25	2 32 41	6°42'02	13♓45	18°57	26° 6	28°38	10°59	11°58	4°37	10°32	23°12	24° 1	24°49	1°38	11°49	S 25
S 26	2 36 37	7°42'32	28°22	19°21	27°21	29°16	11° 8	12° 3	4°35	10°33	23°14	23°59	24°46	1°45	11°46	S 26
M27	2 40 34	8°43'02	13♈19	19°53	28°36	29°54	11°18	12° 8	4°33	10°34	23°16	23°57	24°43	1°52	11°43	M27
T 28	2 44 30	9°43'34	28°30	20°34	29°51	0♎32	11°28	12°13	4°32	10°36	23°19	23°55	24°40	1°58	11°40	T 28
W29	2 48 27	10°44'08	13♉45	21°23	1♐ 6	1°10	11°37	12°18	4°30	10°37	23°21	23°54	24°37	2° 5	11°37	W29
T 30	2 52 24	11°44'44	28°53	22°17	2°20	1°48	11°46	12°23	4°28	10°38	23°23	23°D54	24°33	2°12	11°34	T 30
F 31	2 56 20	12♏45'21	13♊47	23♎18	3♐35	2♎26	11♍55	12♍28	4♈26	10♑40	23♏25	23♏55	24♏30	2♏18	11♊31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s 1	15n 4	1n40	16s 3	3s12	9s37	0n35	7n40	1n13	10n 4	1n 2	9n43	1n49	1n32	0s43	22s34	0n36	7s 8	11n42	19s 0	19s23	13s22	18n41	3s47
T 2	5 25	18 21	0 21	16 5	3 9	10 6	0 32	7 25	1 13	10 0	1 2	9 40	1 49	1 31	0 43	22 34	0 36	7 9	11 42	19 0	19 22	13 23	18 40	3 47
F 3	5 48	20 21	0s59	16 2	3 6	10 35	0 30	7 10	1 13	9 56	1 2	9 38	1 49	1 31	0 43	22 34	0 36	7 9	11 41	19 0	19 21	13 25	18 40	3 47
S 4	6 11	20 57	2 13	15 55	3 1	11 4	0 28	6 56	1 13	9 52	1 2	9 36	1 49	1 30	0 43	22 34	0 36	7 10	11 41	19 0	19 20	13 27	18 39	3 48
S 5	6 34	20 15	3 16	15 45	2 54	11 32	0 26	6 41	1 13	9 48	1 2	9 33	1 49	1 29	0 43	22 34	0 36	7 11	11 41	19 1	19 20	13 28	18 39	3 48
M 6	6 57	18 24	4 7	15 29	2 46	12 1	0 23	6 26	1 13	9 43	1 3	9 31	1 49	1 28	0 43	22 34	0 36	7 12	11 40	19 1	19 19	13 30	18 38	3 49
T 7	7 20	15 37	4 44	15 9	2 36	12 28	0 21	6 11	1 13	9 39	1 3	9 29	1 50	1 27	0 43	22 34	0 36	7 12	11 40	19 1	19 18	13 32	18 38	3 49
W 8	7 43	12 10	5 6	14 44	2 24	12 56	0 18	5 56	1 13	9 35	1 3	9 26	1 50	1 26	0 43	22 34	0 36	7 13	11 40	19 0	19 17	13 33	18 37	3 49
T 9	8 6	8 15	5 12	14 14	2 11	13 23	0 16	5 41	1 13	9 31	1 3	9 24	1 50	1 25	0 43	22 34	0 36	7 14	11 39	18 59	19 17	13 35	18 36	3 50
F 10	8 28	4 3	5 4	13 39	1 56	13 50	0 14	5 26	1 13	9 27	1 3	9 22	1 50	1 24	0 43	22 34	0 36	7 15	11 39	18 58	19 16	13 37	18 36	3 50
S 11	8 51	0s14	4 42	13 0	1 39	14 17	0 11	5 11	1 13	9 23	1 3	9 20	1 50	1 23	0 43	22 34	0 36	7 16	11 39	18 57	19 15	13 38	18 35	3 50
S 12	9 13	4 29	4 8	12 17	1 20	14 43	0 9	4 56	1 13	9 19	1 4	9 17	1 50	1 22	0 43	22 34	0 36	7 16	11 39	18 55	19 14	13 40	18 35	3 51
M13	9 36	8 32	3 24	11 31	1 1	15 9	0 6	4 41	1 13	9 15	1 4	9 15	1 51	1 21	0 43	22 34	0 36	7 17	11 38	18 54	19 14	13 41	18 34	3 51
T 14	9 58	12 14	2 30	10 44	0 41	15 35	0 4	4 26	1 13	9 11	1 4	9 13	1 51	1 20	0 43	22 34	0 36	7 18	11 38	18 53	19 13	13 43	18 34	3 51
W15	10 20	15 26	1 31	9 56	0 20	16 0	0 1	4 11	1 13	9 7	1 4	9 11	1 51	1 20	0 43	22 34	0 36	7 19	11 38	18 52	19 12	13 45	18 33	3 52
T 16	10 41	18 1	0 27	9 9	0n 1	16 25	0s 1	3 56	1 13	9 3	1 4	9 9	1 51	1 19	0 43	22 34	0 36	7 19	11 38	18 52	19 11	13 46	18 32	3 52
F 17	11 3	19 49	0n38	8 24	0 21	16 49	0 4	3 40	1 13	9 0	1 4	9 7	1 51	1 18	0 43	22 34	0 36	7 20	11 37	18 52	19 11	13 48	18 32	3 52
S 18	11 25	20 46	1 42	7 43	0 40	17 13	0 7	3 25	1 12	8 56	1 5	9 5	1 52	1 17	0 43	22 34	0 35	7 21	11 37	18 52	19 10	13 49	18 31	3 53
S 19	11 46	20 46	2 42	7 7	0 58	17 36	0 9	3 10	1 12	8 52	1 5	9 3	1 52	1 16	0 43	22 34	0 35	7 22	11 37	18 53	19 9	13 51	18 31	3 53
M20	12 7	19 46	3 36	6 35	1 14	17 59	0 12	2 55	1 12	8 48	1 5	9 1	1 52	1 15	0 43	22 34	0 35	7 22	11 37	18 53	19 8	13 53	18 30	3 53
T 21	12 28	17 48	4 21	6 10	1 29	18 22	0 14	2 40	1 12	8 45	1 5	8 59	1 52	1 15	0 43	22 34	0 35	7 23	11 36	18 53	19 8	13 54	18 29	3 54
W22	12 49	14 55	4 54	5 50	1 42	18 44	0 17	2 24	1 12	8 41	1 5	8 57	1 52	1 14	0 43	22 34	0 35	7 24	11 36	18 53	19 7	13 56	18 29	3 54
T 23	13 9	11 11	5 13	5 37	1 52	19 5	0 19	2 9	1 12	8 37	1 6	8 55	1 53	1 13	0 43	22 34	0 35	7 25	11 36	18 53	19 6	13 57	18 28	3 54
F 24	13 29	6 46	5 15	5 30	2 1	19 26	0 22	1 54	1 12	8 34	1 6	8 53	1 53	1 12	0 43	22 34	0 35	7 25	11 36	18 53	19 5	13 59	18 27	3 54
S 25	13 49	1 50	4 58	5 29	2 9	19 47	0 24	1 39	1 12	8 30	1 6	8 51	1 53	1 11	0 43	22 34	0 35	7 26	11 36	18 53	19 4	14 1	18 27	3 55
S 26	14 9	3n20	4 21	5 33	2 14	20 7	0 27	1 24	1 12	8 27	1 6	8 49	1 53	1 11	0 43	22 34	0 35	7 27	11 35	18 52	19 4	14 2	18 26	3 55
M27	14 29	8 27	3 27	5 41	2 18	20 26	0 30	1 8	1 12	8 23	1 6	8 47	1 53	1 10	0 43	22 33	0 35	7 27	11 35	18 52	19 3	14 4	18 25	3 55
T 28	14 48	13 7	2 16	5 54	2 21	20 45	0 32	0 53	1 12	8 20	1 7	8 46	1 54	1 9	0 43	22 33	0 35	7 28	11 35	18 51	19 2	14 5	18 25	3 56
W29	15 7	16 56	0 56	6 11	2 22	21 3	0 35	0 38	1 12	8 16	1 7	8 44	1 54	1 9	0 43	22 33	0 35	7 29	11 35	18 51	19 1	14 7	18 24	3 56
T 30	15 26	19 34	0s28	6 32	2 22	21 21	0 37	0 23	1 12	8 13	1 7	8 42	1 54	1 8	0 43	22 33	0 35	7 30	11 35	18 51	19 1	14 8	18 23	3 56
F 31	15s45	20n47	1s48	6s55	2n21	21s38	0s40	0n 7	1n12	8n10	1n 7	8n40	1n54	1n 7	0s43	22s33	0n35	7s30	11n35	18s51	19s 0	14s10	18n23	3s56

Julian Day Number = 2089137.5, Delta T = 23m46s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'37, Lahiri = 10°01'38 Julian Calendar 1 Oct. 1007 == Greg. Calendar 7 Oct. 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

NOVEMBER 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 0 17	13♏45'59	28♊18	24♎23	4♐50	3♎ 4	12♍ 4	12♍33	4°R24	10♑41	23♏28	23♏56	24♏27	2♏25	11°R28	S 1
S 2	3 4 13	14°46'40	12♋24	25°32	6° 5	3°42	12°13	12°38	4♈23	10°43	23°30	23°56	24°24	2°32	11♊25	S 2
M 3	3 8 10	15°47'22	26° 2	26°45	7°20	4°20	12°22	12°42	4°21	10°44	23°33	23°57	24°21	2°38	11°22	M 3
T 4	3 12 6	16°48'05	9♌14	28° 1	8°34	4°58	12°31	12°47	4°19	10°46	23°35	23°58	24°17	2°45	11°19	T 4
W 5	3 16 3	17°48'51	22° 2	29°20	9°49	5°36	12°39	12°52	4°18	10°47	23°37	23°R58	24°14	2°52	11°16	W 5
T 6	3 19 59	18°49'37	4♍31	0♏41	11° 4	6°14	12°48	12°56	4°16	10°49	23°40	23°57	24°11	2°58	11°13	T 6
F 7	3 23 56	19°50'26	16°43	2° 4	12°19	6°52	12°56	13° 0	4°15	10°50	23°42	23°57	24° 8	3° 5	11° 9	F 7
S 8	3 27 53	20°51'16	28°44	3°29	13°33	7°30	13° 5	13° 5	4°13	10°52	23°44	23°57	24° 5	3°12	11° 6	S 8
S 9	3 31 49	21°52'07	10♎37	4°55	14°48	8° 7	13°13	13° 9	4°12	10°53	23°47	23°56	24° 2	3°18	11° 3	S 9
M10	3 35 46	22°53'00	22°26	6°22	16° 3	8°45	13°21	13°13	4°10	10°55	23°49	23°56	23°58	3°25	10°59	M10
T 11	3 39 42	23°53'54	4♏13	7°51	17°17	9°23	13°28	13°17	4° 9	10°57	23°51	23°D56	23°55	3°32	10°56	T 11
W12	3 43 39	24°54'50	16° 2	9°19	18°32	10° 1	13°36	13°21	4° 8	10°58	23°54	23°56	23°52	3°38	10°52	W12
T 13	3 47 35	25°55'46	27°54	10°49	19°47	10°39	13°44	13°25	4° 7	11° 0	23°56	23°R56	23°49	3°45	10°49	T 13
F 14	3 51 32	26°56'44	9♐52	12°19	21° 2	11°17	13°51	13°28	4° 5	11° 2	23°58	23°56	23°46	3°52	10°45	F 14
S 15	3 55 28	27°57'43	21°58	13°50	22°16	11°55	13°58	13°32	4° 4	11° 4	24° 1	23°56	23°42	3°58	10°42	S 15
S 16	3 59 25	28°58'42	4♑13	15°21	23°31	12°33	14° 6	13°36	4° 3	11° 5	24° 3	23°55	23°39	4° 5	10°38	S 16
M17	4 3 22	29°59'43	16°40	16°52	24°46	13°11	14°13	13°39	4° 2	11° 7	24° 5	23°54	23°36	4°12	10°35	M17
T 18	4 7 18	1♐ 0'44	29°20	18°24	26° 0	13°49	14°20	13°42	4° 1	11° 9	24° 8	23°53	23°33	4°18	10°31	T 18
W19	4 11 15	2° 1'46	12♒16	19°56	27°15	14°27	14°26	13°46	4° 0	11°11	24°10	23°53	23°30	4°25	10°28	W19
T 20	4 15 11	3° 2'49	25°31	21°28	28°29	15° 5	14°33	13°49	3°59	11°13	24°12	23°52	23°27	4°32	10°24	T 20
F 21	4 19 8	4° 3'52	9♓ 5	23° 0	29°44	15°42	14°39	13°52	3°58	11°15	24°15	23°D52	23°23	4°38	10°20	F 21
S 22	4 23 4	5° 4'55	23° 1	24°33	0♑59	16°20	14°46	13°55	3°57	11°17	24°17	23°53	23°20	4°45	10°17	S 22
S 23	4 27 1	6° 5'59	7♈18	26° 5	2°13	16°58	14°52	13°58	3°57	11°19	24°19	23°53	23°17	4°51	10°13	S 23
M24	4 30 57	7° 7'04	21°54	27°38	3°28	17°36	14°58	14° 1	3°56	11°21	24°22	23°54	23°14	4°58	10° 9	M24
T 25	4 34 54	8° 8'09	6♉45	29°11	4°42	18°14	15° 3	14° 3	3°55	11°23	24°24	23°55	23°11	5° 5	10° 6	T 25
W26	4 38 51	9° 9'14	21°44	0♐44	5°57	18°52	15° 9	14° 6	3°54	11°24	24°26	23°R56	23° 8	5°11	10° 2	W26
T 27	4 42 47	10°10'20	6♊44	2°17	7°11	19°29	15°15	14° 8	3°54	11°26	24°29	23°56	23° 4	5°18	9°58	T 27
F 28	4 46 44	11°11'27	21°36	3°50	8°26	20° 7	15°20	14°11	3°53	11°29	24°31	23°54	23° 1	5°25	9°55	F 28
S 29	4 50 40	12°12'34	6♋12	5°24	9°40	20°45	15°25	14°13	3°53	11°31	24°33	23°52	22°58	5°31	9°51	S 29
S 30	4 54 37	13♐13'42	20♋26	6♐57	10♑55	21♎23	15♍30	14♍15	3♈52	11♑33	24♏36	23♏50	22♏55	5♏38	9♊47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s 3	20n34	3s 0	7s21	2n19	21s54	0s42	0s 8	1n11	8n 6	1n 7	8n39	1n54	1n 6	0s43	22s33	0n35	7s31	11n34	18s51	18s59	14s11	18n22	3s57
S 2	16 21	19 2	3 58	7 48	2 17	22 10	0 44	0 23	1 11	8 3	1 8	8 37	1 55	1 6	0 43	22 33	0 35	7 32	11 34	18 51	18 58	14 13	18 21	3 57
M 3	16 39	16 27	4 41	8 18	2 13	22 25	0 47	0 38	1 11	8 0	1 8	8 36	1 55	1 5	0 43	22 33	0 35	7 32	11 34	18 52	18 57	14 15	18 21	3 57
T 4	16 57	13 6	5 8	8 49	2 9	22 40	0 49	0 54	1 11	7 57	1 8	8 34	1 55	1 5	0 43	22 33	0 35	7 33	11 34	18 52	18 57	14 16	18 20	3 58
W 5	17 14	9 13	5 18	9 21	2 5	22 54	0 52	1 9	1 11	7 54	1 8	8 32	1 55	1 4	0 43	22 33	0 35	7 34	11 34	18 52	18 56	14 18	18 19	3 58
T 6	17 31	5 3	5 13	9 54	2 0	23 7	0 54	1 24	1 11	7 51	1 8	8 31	1 56	1 3	0 43	22 33	0 35	7 34	11 34	18 52	18 55	14 19	18 19	3 58
F 7	17 48	0 46	4 53	10 28	1 55	23 19	0 56	1 39	1 11	7 48	1 9	8 30	1 56	1 3	0 42	22 32	0 35	7 35	11 34	18 52	18 54	14 21	18 18	3 58
S 8	18 4	3s29	4 21	11 2	1 49	23 31	0 59	1 54	1 11	7 45	1 9	8 28	1 56	1 2	0 42	22 32	0 35	7 36	11 34	18 51	18 53	14 22	18 17	3 58
S 9	18 20	7 34	3 38	11 37	1 43	23 42	1 1	2 10	1 11	7 42	1 9	8 27	1 56	1 2	0 42	22 32	0 35	7 36	11 34	18 51	18 53	14 24	18 17	3 59
M10	18 35	11 21	2 47	12 12	1 37	23 53	1 3	2 25	1 10	7 39	1 9	8 25	1 57	1 1	0 42	22 32	0 35	7 37	11 33	18 51	18 52	14 25	18 16	3 59
T 11	18 51	14 41	1 48	12 47	1 30	24 2	1 5	2 40	1 10	7 36	1 10	8 24	1 57	1 1	0 42	22 32	0 35	7 38	11 33	18 51	18 51	14 27	18 15	3 59
W12	19 6	17 25	0 44	13 21	1 24	24 11	1 7	2 55	1 10	7 33	1 10	8 23	1 57	1 0	0 42	22 32	0 35	7 38	11 33	18 51	18 50	14 28	18 15	3 59
T 13	19 20	19 26	0n22	13 56	1 17	24 20	1 10	3 10	1 10	7 31	1 10	8 21	1 57	1 0	0 42	22 32	0 35	7 39	11 33	18 51	18 50	14 30	18 14	3 59
F 14	19 35	20 36	1 28	14 30	1 10	24 27	1 12	3 25	1 10	7 28	1 10	8 20	1 58	0 59	0 42	22 32	0 35	7 39	11 33	18 51	18 49	14 31	18 13	4 0
S 15	19 49	20 50	2 30	15 4	1 3	24 34	1 14	3 40	1 10	7 25	1 11	8 19	1 58	0 59	0 42	22 32	0 35	7 40	11 33	18 51	18 48	14 33	18 13	4 0
S 16	20 2	20 4	3 26	15 38	0 56	24 40	1 16	3 55	1 10	7 23	1 11	8 18	1 58	0 58	0 42	22 31	0 35	7 41	11 33	18 51	18 47	14 34	18 12	4 0
M17	20 15	18 20	4 13	16 11	0 49	24 45	1 18	4 10	1 9	7 20	1 11	8 17	1 58	0 58	0 42	22 31	0 35	7 41	11 33	18 51	18 46	14 36	18 11	4 0
T 18	20 28	15 41	4 49	16 44	0 42	24 50	1 19	4 25	1 9	7 18	1 11	8 16	1 59	0 58	0 42	22 31	0 35	7 42	11 33	18 51	18 46	14 37	18 11	4 0
W19	20 41	12 14	5 11	17 16	0 35	24 53	1 21	4 40	1 9	7 15	1 12	8 15	1 59	0 57	0 42	22 31	0 35	7 42	11 33	18 50	18 45	14 39	18 10	4 1
T 20	20 53	8 6	5 17	17 47	0 28	24 56	1 23	4 55	1 9	7 13	1 12	8 14	1 59	0 57	0 42	22 31	0 35	7 43	11 33	18 50	18 44	14 40	18 9	4 1
F 21	21 4	3 28	5 7	18 18	0 20	24 59	1 25	5 9	1 9	7 11	1 12	8 13	1 59	0 57	0 42	22 31	0 35	7 43	11 33	18 50	18 43	14 42	18 9	4 1
S 22	21 16	1n28	4 38	18 47	0 13	25 0	1 26	5 24	1 9	7 9	1 12	8 12	2 0	0 56	0 42	22 31	0 35	7 44	11 33	18 50	18 42	14 43	18 8	4 1
S 23	21 26	6 27	3 51	19 16	0 6	25 1	1 28	5 39	1 8	7 6	1 13	8 11	2 0	0 56	0 42	22 30	0 35	7 45	11 33	18 51	18 42	14 45	18 7	4 1
M24	21 37	11 11	2 49	19 45	0s 1	25 1	1 30	5 54	1 8	7 4	1 13	8 10	2 0	0 56	0 42	22 30	0 35	7 45	11 33	18 51	18 41	14 46	18 7	4 1
T 25	21 47	15 19	1 34	20 12	0 7	25 0	1 31	6 8	1 8	7 2	1 13	8 9	2 0	0 56	0 42	22 30	0 34	7 46	11 33	18 51	18 40	14 48	18 6	4 1
W26	21 56	18 30	0 12	20 39	0 14	24 58	1 33	6 23	1 8	7 0	1 13	8 9	2 1	0 55	0 42	22 30	0 34	7 46	11 33	18 51	18 39	14 49	18 5	4 2
T 27	22 6	20 24	1s10	21 4	0 21	24 56	1 34	6 37	1 8	6 59	1 14	8 8	2 1	0 55	0 42	22 30	0 34	7 47	11 33	18 51	18 38	14 50	18 5	4 2
F 28	22 14	20 51	2 27	21 29	0 27	24 53	1 35	6 52	1 7	6 57	1 14	8 7	2 1	0 55	0 42	22 30	0 34	7 47	11 33	18 51	18 38	14 52	18 4	4 2
S 29	22 23	19 52	3 33	21 52	0 34	24 49	1 37	7 6	1 7	6 55	1 14	8 7	2 1	0 55	0 42	22 30	0 34	7 48	11 33	18 50	18 37	14 53	18 3	4 2
S 30	22s30	17n39	4s24	22s15	0s40	24s44	1s38	7s21	1n 7	6n53	1n14	8n 6	2n 2	0n55	0s42	22s29	0n34	7s48	11n33	18s50	18s36	14s55	18n 3	4s 2

Julian Day Number = 2089168.5, Delta T = 23m45s
Ecliptic obliquity = 23°33'59, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'41, Lahiri = 10°01'42 Julian Calendar 1 Nov. 1007 == Greg. Calendar 7 Nov. 1007

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ASTRODIENST EPHEMERIS for the year 1007
geocentric

DECEMBER 1007 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 58 33	14♐14'51	4♌13	8♐31	12♑ 9	22♎ 1	15♍35	14♍17	3°R52	11♑35	24♏38	23°R47	22♏52	5♏45	9°R44	M 1
T 2	5 2 30	15°16'00	17°34	10° 5	13°23	22°38	15°40	14°19	3♈52	11°37	24°40	23♏44	22°48	5°51	9♊40	T 2
W 3	5 6 27	16°17'10	0♍29	11°39	14°38	23°16	15°44	14°21	3°51	11°39	24°42	23°42	22°45	5°58	9°36	W 3
T 4	5 10 23	17°18'20	13° 2	13°14	15°52	23°54	15°49	14°23	3°51	11°41	24°44	23°D41	22°42	6° 5	9°33	T 4
F 5	5 14 20	18°19'32	25°15	14°48	17° 7	24°32	15°53	14°25	3°51	11°43	24°47	23°41	22°39	6°11	9°29	F 5
S 6	5 18 16	19°20'43	7♎15	16°23	18°21	25°10	15°57	14°26	3°51	11°45	24°49	23°42	22°36	6°18	9°26	S 6
S 7	5 22 13	20°21'55	19° 6	17°58	19°35	25°47	16° 1	14°28	3°51	11°47	24°51	23°44	22°33	6°25	9°22	S 7
M 8	5 26 9	21°23'08	0♏53	19°33	20°49	26°25	16° 4	14°29	3°D51	11°49	24°53	23°46	22°29	6°31	9°18	M 8
T 9	5 30 6	22°24'21	12°41	21° 9	22° 4	27° 3	16° 8	14°30	3°51	11°52	24°55	23°47	22°26	6°38	9°15	T 9
W10	5 34 2	23°25'34	24°32	22°45	23°18	27°40	16°11	14°31	3°51	11°54	24°58	23°R48	22°23	6°45	9°11	W10
T 11	5 37 59	24°26'48	6♐32	24°21	24°32	28°18	16°14	14°32	3°51	11°56	25° 0	23°47	22°20	6°51	9° 8	T 11
F 12	5 41 56	25°28'02	18°40	25°57	25°46	28°56	16°17	14°33	3°51	11°58	25° 2	23°45	22°17	6°58	9° 4	F 12
S 13	5 45 52	26°29'16	1♑ 1	27°34	27° 0	29°34	16°20	14°34	3°51	12° 0	25° 4	23°40	22°14	7° 5	9° 1	S 13
S 14	5 49 49	27°30'30	13°34	29°11	28°15	0♏11	16°23	14°35	3°52	12° 3	25° 6	23°35	22°10	7°11	8°57	S 14
M15	5 53 45	28°31'43	26°19	0♑49	29°29	0°49	16°25	14°35	3°52	12° 5	25° 8	23°29	22° 7	7°18	8°54	M15
T 16	5 57 42	29°32'57	9♒18	2°27	0♒43	1°26	16°27	14°36	3°52	12° 7	25°10	23°22	22° 4	7°24	8°51	T 16
W17	6 1 38	0♑34'10	22°29	4° 5	1°57	2° 4	16°29	14°36	3°53	12° 9	25°12	23°17	22° 1	7°31	8°47	W17
T 18	6 5 35	1°35'22	5♓53	5°44	3°11	2°42	16°31	14°36	3°53	12°12	25°14	23°12	21°58	7°38	8°44	T 18
F 19	6 9 31	2°36'35	19°30	7°23	4°25	3°19	16°33	14°36	3°54	12°14	25°16	23° 9	21°54	7°44	8°41	F 19
S 20	6 13 28	3°37'46	3♈20	9° 2	5°39	3°57	16°34	14°R36	3°54	12°16	25°18	23°D 9	21°51	7°51	8°37	S 20
S 21	6 17 25	4°38'57	17°22	10°42	6°52	4°34	16°36	14°36	3°55	12°18	25°20	23° 9	21°48	7°58	8°34	S 21
M22	6 21 21	5°40'07	1♉37	12°22	8° 6	5°12	16°37	14°36	3°56	12°21	25°22	23°11	21°45	8° 4	8°31	M22
T 23	6 25 18	6°41'17	16° 2	14° 2	9°20	5°49	16°37	14°36	3°57	12°23	25°24	23°R12	21°42	8°11	8°28	T 23
W24	6 29 14	7°42'26	0♊35	15°43	10°34	6°27	16°38	14°35	3°57	12°25	25°26	23°12	21°39	8°18	8°25	W24
T 25	6 33 11	8°43'35	15°10	17°24	11°47	7° 4	16°39	14°35	3°58	12°27	25°28	23°10	21°35	8°24	8°22	T 25
F 26	6 37 7	9°44'43	29°43	19° 5	13° 1	7°42	16°39	14°34	3°59	12°30	25°29	23° 5	21°32	8°31	8°19	F 26
S 27	6 41 4	10°45'50	14♋ 6	20°46	14°15	8°19	16°R39	14°33	4° 0	12°32	25°31	22°59	21°29	8°38	8°16	S 27
S 28	6 45 0	11°46'57	28°13	22°27	15°28	8°57	16°39	14°33	4° 1	12°34	25°33	22°51	21°26	8°44	8°13	S 28
M29	6 48 57	12°48'03	11♌59	24° 8	16°42	9°34	16°39	14°32	4° 2	12°37	25°35	22°42	21°23	8°51	8°10	M29
T 30	6 52 54	13°49'08	25°22	25°49	17°55	10°12	16°38	14°31	4° 3	12°39	25°37	22°34	21°20	8°58	8° 7	T 30
W31	6 56 50	14♑50'14	8♍21	27♑30	19♒ 8	10♏49	16♍38	14♍29	4♈ 4	12♑41	25♏38	22♏26	21♏16	9♏ 4	8♊ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s38	14n29	4s58	22s36	0s46	24s39	1s39	7s35	1n 7	6n52	1n15	8n 5	2n 2	0n55	0s42	22s29	0n34	7s49	11n33	18s49	18s35	14s56	18n 2	4s 2
T 2	22 45	10 40	5 14	22 57	0 52	24 33	1 40	7 50	1 6	6 50	1 15	8 5	2 2	0 54	0 42	22 29	0 34	7 49	11 33	18 48	18 34	14 58	18 2	4 2
W 3	22 51	6 28	5 13	23 16	0 58	24 26	1 41	8 4	1 6	6 48	1 15	8 4	2 3	0 54	0 42	22 29	0 34	7 49	11 33	18 48	18 33	14 59	18 1	4 2
T 4	22 57	2 7	4 58	23 34	1 4	24 18	1 42	8 18	1 6	6 47	1 16	8 4	2 3	0 54	0 42	22 29	0 34	7 50	11 33	18 48	18 33	15 1	18 0	4 2
F 5	23 3	2s13	4 29	23 51	1 9	24 10	1 43	8 32	1 6	6 46	1 16	8 4	2 3	0 54	0 41	22 29	0 34	7 50	11 33	18 48	18 32	15 2	18 0	4 2
S 6	23 8	6 24	3 49	24 6	1 15	24 1	1 44	8 46	1 5	6 44	1 16	8 3	2 3	0 54	0 41	22 28	0 34	7 51	11 33	18 48	18 31	15 3	17 59	4 2
S 7	23 13	10 17	3 0	24 21	1 20	23 51	1 44	9 0	1 5	6 43	1 16	8 3	2 4	0 54	0 41	22 28	0 34	7 51	11 33	18 48	18 30	15 5	17 59	4 2
M 8	23 17	13 46	2 3	24 34	1 25	23 40	1 45	9 14	1 5	6 42	1 17	8 3	2 4	0 54	0 41	22 28	0 34	7 52	11 33	18 49	18 29	15 6	17 58	4 3
T 9	23 21	16 41	1 1	24 46	1 30	23 29	1 46	9 28	1 5	6 41	1 17	8 2	2 4	0 54	0 41	22 28	0 34	7 52	11 34	18 49	18 29	15 8	17 57	4 3
W10	23 24	18 56	0n 4	24 56	1 34	23 17	1 46	9 42	1 4	6 40	1 17	8 2	2 5	0 54	0 41	22 28	0 34	7 52	11 34	18 49	18 28	15 9	17 57	4 3
T 11	23 27	20 23	1 9	25 5	1 38	23 5	1 47	9 56	1 4	6 39	1 18	8 2	2 5	0 54	0 41	22 28	0 34	7 53	11 34	18 49	18 27	15 10	17 56	4 3
F 12	23 29	20 53	2 12	25 13	1 42	22 51	1 47	10 9	1 4	6 38	1 18	8 2	2 5	0 55	0 41	22 27	0 34	7 53	11 34	18 48	18 26	15 12	17 56	4 3
S 13	23 31	20 24	3 10	25 19	1 46	22 37	1 47	10 23	1 4	6 37	1 18	8 2	2 5	0 55	0 41	22 27	0 34	7 54	11 34	18 47	18 25	15 13	17 55	4 3
S 14	23 33	18 55	3 59	25 24	1 50	22 23	1 47	10 37	1 3	6 36	1 18	8 2	2 6	0 55	0 41	22 27	0 34	7 54	11 34	18 46	18 25	15 15	17 55	4 3
M15	23 33	16 28	4 37	25 27	1 53	22 7	1 48	10 50	1 3	6 36	1 19	8 2	2 6	0 55	0 41	22 27	0 34	7 54	11 34	18 44	18 24	15 16	17 54	4 3
T 16	23 34	13 10	5 2	25 28	1 56	21 51	1 48	11 4	1 3	6 35	1 19	8 2	2 6	0 55	0 41	22 27	0 34	7 55	11 34	18 43	18 23	15 17	17 54	4 3
W17	23 34	9 11	5 11	25 28	1 58	21 35	1 48	11 17	1 2	6 35	1 19	8 2	2 6	0 55	0 41	22 26	0 34	7 55	11 35	18 41	18 22	15 19	17 53	4 3
T 18	23 33	4 42	5 3	25 27	2 1	21 17	1 47	11 30	1 2	6 34	1 20	8 2	2 7	0 56	0 41	22 26	0 34	7 55	11 35	18 40	18 21	15 20	17 53	4 3
F 19	23 32	0n 6	4 39	25 24	2 2	21 0	1 47	11 43	1 2	6 34	1 20	8 3	2 7	0 56	0 41	22 26	0 34	7 56	11 35	18 40	18 20	15 21	17 52	4 3
S 20	23 31	4 58	3 58	25 19	2 4	20 41	1 47	11 56	1 1	6 33	1 20	8 3	2 7	0 56	0 41	22 26	0 34	7 56	11 35	18 39	18 20	15 23	17 52	4 3
S 21	23 29	9 39	3 2	25 13	2 5	20 22	1 47	12 9	1 1	6 33	1 20	8 3	2 8	0 56	0 41	22 26	0 34	7 56	11 35	18 40	18 19	15 24	17 51	4 3
M22	23 27	13 53	1 54	25 5	2 6	20 3	1 46	12 22	1 1	6 33	1 21	8 4	2 8	0 57	0 41	22 25	0 34	7 56	11 35	18 40	18 18	15 26	17 51	4 2
T 23	23 24	17 21	0 39	24 55	2 6	19 43	1 46	12 35	1 0	6 33	1 21	8 4	2 8	0 57	0 41	22 25	0 34	7 57	11 35	18 40	18 17	15 27	17 50	4 2
W24	23 20	19 44	0s40	24 43	2 6	19 22	1 45	12 48	1 0	6 33	1 21	8 4	2 8	0 58	0 41	22 25	0 34	7 57	11 36	18 40	18 16	15 28	17 50	4 2
T 25	23 17	20 49	1 56	24 30	2 5	19 1	1 44	13 1	1 0	6 33	1 22	8 5	2 9	0 58	0 41	22 25	0 34	7 57	11 36	18 40	18 15	15 30	17 50	4 2
F 26	23 12	20 30	3 4	24 15	2 4	18 39	1 44	13 13	0 59	6 33	1 22	8 5	2 9	0 58	0 41	22 25	0 34	7 57	11 36	18 39	18 15	15 31	17 49	4 2
S 27	23 8	18 50	4 0	23 58	2 2	18 17	1 43	13 26	0 59	6 33	1 22	8 6	2 9	0 59	0 41	22 24	0 34	7 58	11 36	18 37	18 14	15 32	17 49	4 2
S 28	23 2	16 4	4 40	23 40	2 0	17 54	1 42	13 38	0 58	6 34	1 22	8 6	2 10	0 59	0 41	22 24	0 34	7 58	11 36	18 35	18 13	15 34	17 48	4 2
M29	22 57	12 27	5 2	23 19	1 57	17 31	1 41	13 50	0 58	6 34	1 23	8 7	2 10	1 0	0 41	22 24	0 34	7 58	11 37	18 33	18 12	15 35	17 48	4 2
T 30	22 51	8 19	5 7	22 57	1 54	17 7	1 40	14 2	0 58	6 34	1 23	8 8	2 10	1 0	0 40	22 24	0 34	7 58	11 37	18 30	18 11	15 36	17 48	4 2
W31	22s44	3n55	4s56	22s34	1s50	16s43	1s38	14s15	0n57	6n35	1n23	8n 8	2n10	1n 1	0s40	22s24	0n34	7s58	11n37	18s29	18s10	15s38	17n47	4s 2

Julian Day Number = 2089198.5, Delta T = 23m45s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'45, Lahiri = 10°01'46 Julian Calendar 1 Dec. 1007 == Greg. Calendar 7 Dec. 1007

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

JANUARY 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 0 47	15♉51'18	20♍58	29♉10	20♒22	11♏26	16°R37	14°R28	4♈ 6	12♉43	25♏40	22°R21	21♏13	9♏11	8°R 2	T 1
F 2	7 4 43	16°52'22	3♎14	0♒49	21°35	12° 4	16♍36	14♍27	4° 7	12°46	25°42	22♏17	21°10	9°18	7♊59	F 2
S 3	7 8 40	17°53'26	15°16	2°27	22°48	12°41	16°35	14°25	4° 8	12°48	25°43	22°D16	21° 7	9°24	7°57	S 3
S 4	7 12 36	18°54'29	27° 8	4° 4	24° 1	13°18	16°33	14°24	4°10	12°50	25°45	22°16	21° 4	9°31	7°54	S 4
M 5	7 16 33	19°55'31	8♏55	5°40	25°14	13°56	16°32	14°22	4°11	12°52	25°46	22°17	21° 0	9°37	7°52	M 5
T 6	7 20 29	20°56'33	20°44	7°13	26°28	14°33	16°30	14°20	4°12	12°55	25°48	22°R18	20°57	9°44	7°49	T 6
W 7	7 24 26	21°57'35	2♐38	8°44	27°41	15°10	16°28	14°18	4°14	12°57	25°50	22°18	20°54	9°51	7°47	W 7
T 8	7 28 23	22°58'35	14°43	10°11	28°53	15°47	16°26	14°16	4°15	12°59	25°51	22°15	20°51	9°57	7°45	T 8
F 9	7 32 19	23°59'35	27° 1	11°36	0♓ 6	16°24	16°23	14°14	4°17	13° 1	25°53	22°10	20°48	10° 4	7°43	F 9
S 10	7 36 16	25° 0'34	9♑36	12°56	1°19	17° 2	16°21	14°12	4°19	13° 4	25°54	22° 2	20°45	10°11	7°41	S 10
S 11	7 40 12	26° 1'32	22°28	14°11	2°32	17°39	16°18	14°10	4°20	13° 6	25°55	21°51	20°41	10°17	7°38	S 11
M12	7 44 9	27° 2'28	5♒36	15°20	3°44	18°16	16°15	14° 7	4°22	13° 8	25°57	21°40	20°38	10°24	7°36	M12
T 13	7 48 5	28° 3'24	18°59	16°23	4°57	18°53	16°12	14° 5	4°24	13°10	25°58	21°28	20°35	10°31	7°35	T 13
W14	7 52 2	29° 4'18	2♓35	17°19	6°10	19°30	16° 9	14° 2	4°26	13°13	26° 0	21°17	20°32	10°37	7°33	W14
T 15	7 55 59	0♒ 5'11	16°21	18° 7	7°22	20° 7	16° 5	14° 0	4°28	13°15	26° 1	21° 8	20°29	10°44	7°31	T 15
F 16	7 59 55	1° 6'02	0♈14	18°46	8°34	20°44	16° 2	13°57	4°30	13°17	26° 2	21° 2	20°26	10°51	7°29	F 16
S 17	8 3 52	2° 6'52	14°12	19°15	9°47	21°21	15°58	13°54	4°31	13°19	26° 3	20°58	20°22	10°57	7°28	S 17
S 18	8 7 48	3° 7'40	28°14	19°34	10°59	21°58	15°54	13°51	4°33	13°21	26° 5	20°D57	20°19	11° 4	7°26	S 18
M19	8 11 45	4° 8'27	12♉19	19°R43	12°11	22°35	15°50	13°48	4°35	13°24	26° 6	20°57	20°16	11°11	7°24	M19
T 20	8 15 41	5° 9'12	26°26	19°41	13°23	23°11	15°45	13°45	4°38	13°26	26° 7	20°R57	20°13	11°17	7°23	T 20
W21	8 19 38	6° 9'56	10♊34	19°28	14°35	23°48	15°41	13°42	4°40	13°28	26° 8	20°56	20°10	11°24	7°22	W21
T 22	8 23 34	7°10'37	24°42	19° 5	15°47	24°25	15°36	13°39	4°42	13°30	26° 9	20°52	20° 6	11°30	7°20	T 22
F 23	8 27 31	8°11'18	8♋47	18°31	16°58	25° 2	15°31	13°35	4°44	13°32	26°10	20°45	20° 3	11°37	7°19	F 23
S 24	8 31 28	9°11'56	22°44	17°49	18°10	25°38	15°26	13°32	4°46	13°34	26°11	20°36	20° 0	11°44	7°18	S 24
S 25	8 35 24	10°12'33	6♌31	16°58	19°21	26°15	15°21	13°28	4°49	13°36	26°12	20°24	19°57	11°50	7°17	S 25
M26	8 39 21	11°13'08	20° 2	16° 0	20°33	26°52	15°16	13°25	4°51	13°38	26°13	20°11	19°54	11°57	7°16	M26
T 27	8 43 17	12°13'42	3♍15	14°57	21°44	27°28	15°11	13°21	4°53	13°40	26°14	19°58	19°51	12° 4	7°15	T 27
W28	8 47 14	13°14'14	16° 9	13°50	22°55	28° 5	15° 5	13°17	4°56	13°42	26°15	19°46	19°47	12°10	7°14	W28
T 29	8 51 10	14°14'45	28°43	12°42	24° 6	28°41	14°59	13°14	4°58	13°44	26°16	19°37	19°44	12°17	7°13	T 29
F 30	8 55 7	15°15'15	11♎ 0	11°34	25°17	29°18	14°53	13°10	5° 1	13°47	26°17	19°30	19°41	12°24	7°13	F 30
S 31	8 59 3	16♒15'43	23♎ 2	10♒28	26♓28	29♏54	14♍48	13♍ 6	5♈ 3	13♉49	26♏17	19♏27	19♏38	12♏30	7♊12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s37	0s32	4s30	22s 9	1s45	16s19	1s37	14s27	0n57	6n36	1n24	8n 9	2n11	1n 1	0s40	22s23	0n34	7s59	11n37	18s27	18s10	15s39	17n47	4s 2
F 2	22 30	4 51	3 53	21 42	1 39	15 54	1 36	14 39	0 56	6 36	1 24	8 10	2 11	1 2	0 40	22 23	0 34	7 59	11 37	18 26	18 9	15 40	17 47	4 2
S 3	22 22	8 54	3 6	21 14	1 33	15 28	1 34	14 50	0 56	6 37	1 24	8 11	2 11	1 2	0 40	22 23	0 34	7 59	11 38	18 26	18 8	15 42	17 46	4 2
S 4	22 13	12 32	2 11	20 44	1 26	15 2	1 33	15 2	0 55	6 38	1 24	8 12	2 11	1 3	0 40	22 23	0 34	7 59	11 38	18 26	18 7	15 43	17 46	4 2
M 5	22 5	15 40	1 11	20 13	1 18	14 36	1 31	15 14	0 55	6 39	1 25	8 12	2 12	1 3	0 40	22 23	0 34	7 59	11 38	18 26	18 6	15 44	17 46	4 1
T 6	21 56	18 10	0 8	19 41	1 9	14 10	1 29	15 25	0 55	6 40	1 25	8 13	2 12	1 4	0 40	22 22	0 34	7 59	11 38	18 27	18 5	15 46	17 46	4 1
W 7	21 46	19 54	0n55	19 8	1 0	13 43	1 28	15 37	0 54	6 41	1 25	8 14	2 12	1 5	0 40	22 22	0 34	7 59	11 39	18 26	18 5	15 47	17 45	4 1
T 8	21 36	20 45	1 57	18 35	0 49	13 15	1 26	15 48	0 54	6 42	1 26	8 15	2 12	1 5	0 40	22 22	0 34	7 59	11 39	18 26	18 4	15 48	17 45	4 1
F 9	21 25	20 37	2 54	18 1	0 38	12 48	1 24	15 59	0 53	6 43	1 26	8 16	2 13	1 6	0 40	22 22	0 34	8 0	11 39	18 24	18 3	15 49	17 45	4 1
S 10	21 15	19 29	3 45	17 26	0 26	12 20	1 22	16 10	0 53	6 44	1 26	8 17	2 13	1 7	0 40	22 22	0 34	8 0	11 39	18 22	18 2	15 51	17 45	4 1
S 11	21 3	17 20	4 24	16 52	0 13	11 52	1 19	16 21	0 52	6 46	1 26	8 19	2 13	1 7	0 40	22 21	0 34	8 0	11 40	18 20	18 1	15 52	17 44	4 1
M12	20 52	14 16	4 51	16 18	0n 1	11 23	1 17	16 32	0 52	6 47	1 27	8 20	2 13	1 8	0 40	22 21	0 34	8 0	11 40	18 17	18 0	15 53	17 44	4 1
T 13	20 40	10 25	5 2	15 46	0 16	10 54	1 15	16 43	0 51	6 48	1 27	8 21	2 14	1 9	0 40	22 21	0 34	8 0	11 40	18 13	17 59	15 55	17 44	4 0
W14	20 27	5 59	4 57	15 14	0 31	10 25	1 13	16 53	0 51	6 50	1 27	8 22	2 14	1 10	0 40	22 21	0 34	8 0	11 40	18 11	17 59	15 56	17 44	4 0
T 15	20 14	1 12	4 34	14 44	0 47	9 56	1 10	17 4	0 50	6 52	1 28	8 23	2 14	1 10	0 40	22 21	0 34	8 0	11 41	18 8	17 58	15 57	17 44	4 0
F 16	20 1	3n41	3 55	14 16	1 4	9 27	1 8	17 14	0 49	6 53	1 28	8 25	2 14	1 11	0 40	22 20	0 34	8 0	11 41	18 7	17 57	15 58	17 44	4 0
S 17	19 48	8 25	3 2	13 51	1 21	8 57	1 5	17 24	0 49	6 55	1 28	8 26	2 15	1 12	0 40	22 20	0 34	8 0	11 41	18 6	17 56	16 0	17 44	4 0
S 18	19 34	12 44	1 58	13 29	1 38	8 27	1 2	17 35	0 48	6 57	1 28	8 27	2 15	1 13	0 40	22 20	0 34	8 0	11 41	18 5	17 55	16 1	17 44	4 0
M19	19 19	16 20	0 46	13 10	1 55	7 57	1 0	17 45	0 48	6 59	1 29	8 29	2 15	1 14	0 40	22 20	0 34	8 0	11 42	18 5	17 54	16 2	17 43	3 59
T 20	19 5	18 59	0s29	12 54	2 12	7 26	0 57	17 55	0 47	7 1	1 29	8 30	2 15	1 14	0 40	22 19	0 34	8 0	11 42	18 5	17 54	16 3	17 43	3 59
W21	18 50	20 28	1 42	12 43	2 28	6 56	0 54	18 4	0 47	7 3	1 29	8 32	2 16	1 15	0 40	22 19	0 34	8 0	11 42	18 5	17 53	16 5	17 43	3 59
T 22	18 35	20 39	2 49	12 35	2 44	6 25	0 51	18 14	0 46	7 5	1 29	8 33	2 16	1 16	0 40	22 19	0 34	8 0	11 43	18 4	17 52	16 6	17 43	3 59
F 23	18 19	19 32	3 45	12 32	2 58	5 54	0 48	18 24	0 45	7 7	1 30	8 35	2 16	1 17	0 40	22 19	0 34	8 0	11 43	18 2	17 51	16 7	17 43	3 59
S 24	18 3	17 15	4 26	12 33	3 11	5 23	0 45	18 33	0 45	7 9	1 30	8 36	2 16	1 18	0 40	22 19	0 34	8 0	11 43	18 0	17 50	16 8	17 43	3 59
S 25	17 47	14 2	4 52	12 37	3 22	4 52	0 41	18 42	0 44	7 11	1 30	8 38	2 16	1 19	0 40	22 18	0 34	8 0	11 43	17 57	17 49	16 10	17 43	3 58
M26	17 30	10 7	5 1	12 46	3 31	4 21	0 38	18 51	0 43	7 13	1 30	8 39	2 17	1 20	0 40	22 18	0 34	8 0	11 44	17 53	17 48	16 11	17 43	3 58
T 27	17 13	5 49	4 53	12 57	3 39	3 50	0 35	19 0	0 43	7 16	1 30	8 41	2 17	1 21	0 40	22 18	0 34	7 59	11 44	17 50	17 48	16 12	17 43	3 58
W28	16 56	1 21	4 30	13 12	3 43	3 18	0 31	19 9	0 42	7 18	1 31	8 42	2 17	1 22	0 39	22 18	0 34	7 59	11 44	17 46	17 47	16 13	17 43	3 58
T 29	16 39	3s 4	3 54	13 28	3 46	2 47	0 28	19 18	0 41	7 20	1 31	8 44	2 17	1 23	0 39	22 18	0 34	7 59	11 45	17 44	17 46	16 14	17 43	3 58
F 30	16 21	7 16	3 9	13 47	3 46	2 15	0 25	19 27	0 41	7 23	1 31	8 46	2 17	1 24	0 39	22 17	0 34	7 59	11 45	17 42	17 45	16 16	17 43	3 58
S 31	16s 3	11s 5	2s15	14s 7	3n44	1s44	0s21	19s35	0n40	7n25	1n31	8n47	2n18	1n25	0s39	22s17	0n34	7s59	11n45	17s41	17s44	16s17	17n44	3s57

Julian Day Number = 2089229.5, Delta T = 23m44s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'50, Lahiri = 10°01'50 Julian Calendar 1 Jan. 1008 == Greg. Calendar 7 Jan. 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

FEBRUARY 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 3 0	17♒16'09	4♏55	9°R26	27♓39	0♐31	14°R41	13°R 2	5♈ 6	13♉51	26♏18	19°R25	19♏35	12♏37	7°R12	S 1
M 2	9 6 56	18°16'35	16°43	8♒27	28°49	1° 7	14♍35	12♍58	5° 8	13°52	26°19	19♏25	19°32	12°44	7♊11	M 2
T 3	9 10 53	19°16'59	28°31	7°35	29°59	1°43	14°29	12°54	5°11	13°54	26°20	19°25	19°28	12°50	7°11	T 3
W 4	9 14 50	20°17'21	10♐27	6°49	1♈10	2°20	14°22	12°50	5°13	13°56	26°20	19°23	19°25	12°57	7°11	W 4
T 5	9 18 46	21°17'42	22°34	6° 9	2°21	2°56	14°16	12°46	5°16	13°58	26°21	19°21	19°22	13° 4	7°10	T 5
F 6	9 22 43	22°18'01	4♉57	5°37	3°31	3°32	14° 9	12°41	5°19	14° 0	26°21	19°15	19°19	13°10	7°10	F 6
S 7	9 26 39	23°18'19	17°40	5°12	4°41	4° 8	14° 2	12°37	5°21	14° 2	26°22	19° 7	19°16	13°17	7°D10	S 7
S 8	9 30 36	24°18'35	0♓46	4°54	5°51	4°44	13°55	12°33	5°24	14° 4	26°23	18°56	19°12	13°23	7°10	S 8
M 9	9 34 32	25°18'50	14°12	4°43	7° 0	5°20	13°48	12°28	5°27	14° 6	26°23	18°43	19° 9	13°30	7°10	M 9
T 10	9 38 29	26°19'02	27°59	4°D39	8°10	5°56	13°41	12°24	5°30	14° 8	26°24	18°31	19° 6	13°37	7°10	T 10
W11	9 42 25	27°19'13	12♈ 1	4°42	9°19	6°32	13°34	12°19	5°33	14° 9	26°24	18°19	19° 3	13°43	7°11	W11
T 12	9 46 22	28°19'21	26°14	4°51	10°28	7° 8	13°27	12°15	5°36	14°11	26°24	18° 9	19° 0	13°50	7°11	T 12
F 13	9 50 19	29°19'28	10♈32	5° 5	11°38	7°44	13°20	12°10	5°38	14°13	26°25	18° 1	18°57	13°57	7°11	F 13
S 14	9 54 15	0♈19'33	24°51	5°25	12°47	8°20	13°12	12° 6	5°41	14°15	26°25	17°57	18°53	14° 3	7°12	S 14
S 15	9 58 12	1°19'35	9♉ 7	5°51	13°55	8°55	13° 5	12° 1	5°44	14°16	26°25	17°56	18°50	14°10	7°13	S 15
M16	10 2 8	2°19'35	23°18	6°21	15° 4	9°31	12°57	11°57	5°47	14°18	26°25	17°D55	18°47	14°17	7°13	M16
T 17	10 6 5	3°19'33	7♊21	6°56	16°12	10° 6	12°50	11°52	5°50	14°20	26°26	17°R55	18°44	14°23	7°14	T 17
W18	10 10 1	4°19'29	21°18	7°35	17°21	10°42	12°42	11°47	5°53	14°21	26°26	17°54	18°41	14°30	7°15	W18
T 19	10 13 58	5°19'22	5♋ 6	8°18	18°29	11°17	12°34	11°43	5°56	14°23	26°26	17°51	18°37	14°37	7°16	T 19
F 20	10 17 54	6°19'13	18°47	9° 4	19°37	11°53	12°27	11°38	5°59	14°24	26°26	17°45	18°34	14°43	7°17	F 20
S 21	10 21 51	7°19'02	2♌18	9°54	20°44	12°28	12°19	11°33	6° 3	14°26	26°26	17°37	18°31	14°50	7°18	S 21
S 22	10 25 48	8°18'49	15°39	10°47	21°52	13° 3	12°11	11°29	6° 6	14°28	26°26	17°26	18°28	14°56	7°19	S 22
M23	10 29 44	9°18'33	28°47	11°44	22°59	13°38	12° 3	11°24	6° 9	14°29	26°R26	17°14	18°25	15° 3	7°20	M23
T 24	10 33 41	10°18'16	11♍41	12°43	24° 6	14°13	11°56	11°19	6°12	14°31	26°26	17° 2	18°22	15°10	7°21	T 24
W25	10 37 37	11°17'56	24°20	13°44	25°13	14°48	11°48	11°14	6°15	14°32	26°26	16°51	18°18	15°16	7°23	W25
T 26	10 41 34	12°17'34	6♎45	14°49	26°20	15°23	11°40	11°10	6°18	14°33	26°26	16°43	18°15	15°23	7°24	T 26
F 27	10 45 30	13°17'11	18°56	15°55	27°26	15°58	11°32	11° 5	6°22	14°35	26°26	16°36	18°12	15°30	7°25	F 27
S 28	10 49 27	14°16'45	0♏56	17° 4	28°32	16°33	11°25	11° 0	6°25	14°36	26°26	16°33	18° 9	15°36	7°27	S 28
S 29	10 53 23	15♓16'18	12♏47	18♒15	29♈38	17♐ 8	11♍17	10♍55	6♈28	14♉38	26♏26	16°D31	18♏ 6	15♏43	7♊29	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s44	14s25	1s16	14s27	3n40	1s12	0s17	19s44	0n39	7n28	1n32	8n49	2n18	1n26	0s39	22s17	0n34	7s59	11n46	17s41	17s43	16s18	17n44	3s57
M 2	15 26	17 9	0 14	14 48	3 34	0 41	0 14	19 52	0 38	7 31	1 32	8 51	2 18	1 27	0 39	22 17	0 34	7 59	11 46	17 40	17 42	16 19	17 44	3 57
T 3	15 7	19 9	0n48	15 9	3 26	0 9	0 10	20 0	0 38	7 33	1 32	8 52	2 18	1 28	0 39	22 17	0 34	7 59	11 46	17 40	17 41	16 20	17 44	3 57
W 4	14 48	20 20	1 49	15 29	3 17	0n23	0 6	20 8	0 37	7 36	1 32	8 54	2 18	1 29	0 39	22 16	0 34	7 58	11 46	17 40	17 41	16 22	17 44	3 57
T 5	14 29	20 36	2 46	15 49	3 7	0 54	0 2	20 16	0 36	7 39	1 32	8 56	2 18	1 30	0 39	22 16	0 34	7 58	11 47	17 39	17 40	16 23	17 44	3 56
F 6	14 9	19 52	3 36	16 8	2 56	1 26	0n 2	20 24	0 35	7 41	1 32	8 58	2 19	1 31	0 39	22 16	0 34	7 58	11 47	17 38	17 39	16 24	17 44	3 56
S 7	13 49	18 8	4 17	16 26	2 43	1 57	0 6	20 31	0 34	7 44	1 33	9 0	2 19	1 32	0 39	22 16	0 34	7 58	11 47	17 36	17 38	16 25	17 45	3 56
S 8	13 29	15 26	4 46	16 42	2 31	2 29	0 10	20 39	0 34	7 47	1 33	9 1	2 19	1 34	0 39	22 16	0 34	7 58	11 48	17 33	17 37	16 26	17 45	3 56
M 9	13 9	11 52	5 0	16 57	2 18	3 0	0 14	20 46	0 33	7 50	1 33	9 3	2 19	1 35	0 39	22 15	0 34	7 58	11 48	17 29	17 36	16 28	17 45	3 56
T 10	12 49	7 36	4 57	17 11	2 5	3 32	0 18	20 53	0 32	7 53	1 33	9 5	2 19	1 36	0 39	22 15	0 34	7 57	11 48	17 26	17 35	16 29	17 45	3 55
W11	12 28	2 51	4 36	17 23	1 51	4 3	0 22	21 0	0 31	7 56	1 33	9 7	2 19	1 37	0 39	22 15	0 34	7 57	11 49	17 22	17 35	16 30	17 45	3 55
T 12	12 7	2n 7	3 58	17 34	1 38	4 34	0 26	21 7	0 30	7 59	1 33	9 9	2 19	1 38	0 39	22 15	0 34	7 57	11 49	17 19	17 34	16 31	17 46	3 55
F 13	11 46	7 1	3 4	17 44	1 25	5 5	0 31	21 14	0 29	8 1	1 34	9 11	2 19	1 39	0 39	22 15	0 34	7 57	11 49	17 17	17 33	16 32	17 46	3 55
S 14	11 25	11 31	1 59	17 51	1 12	5 36	0 35	21 21	0 28	8 4	1 34	9 12	2 20	1 41	0 39	22 14	0 34	7 56	11 50	17 16	17 32	16 33	17 46	3 55
S 15	11 4	15 21	0 47	17 58	0 59	6 7	0 39	21 27	0 27	8 7	1 34	9 14	2 20	1 42	0 39	22 14	0 34	7 56	11 50	17 16	17 31	16 35	17 47	3 54
M16	10 42	18 14	0s28	18 2	0 46	6 38	0 43	21 33	0 27	8 10	1 34	9 16	2 20	1 43	0 39	22 14	0 34	7 56	11 50	17 16	17 30	16 36	17 47	3 54
T 17	10 20	19 59	1 41	18 6	0 34	7 8	0 48	21 40	0 26	8 13	1 34	9 18	2 20	1 44	0 39	22 14	0 34	7 56	11 51	17 16	17 29	16 37	17 47	3 54
W18	9 59	20 30	2 47	18 7	0 22	7 39	0 52	21 46	0 25	8 17	1 34	9 20	2 20	1 45	0 39	22 14	0 34	7 55	11 51	17 16	17 28	16 38	17 47	3 54
T 19	9 37	19 45	3 43	18 8	0 10	8 9	0 57	21 52	0 24	8 20	1 34	9 22	2 20	1 47	0 39	22 14	0 34	7 55	11 51	17 15	17 28	16 39	17 48	3 54
F 20	9 14	17 52	4 25	18 6	0s 1	8 39	1 1	21 58	0 23	8 23	1 34	9 24	2 20	1 48	0 39	22 13	0 34	7 55	11 51	17 13	17 27	16 40	17 48	3 53
S 21	8 52	15 1	4 52	18 3	0 12	9 9	1 5	22 3	0 22	8 26	1 34	9 26	2 20	1 49	0 39	22 13	0 34	7 55	11 52	17 11	17 26	16 41	17 49	3 53
S 22	8 30	11 25	5 2	17 59	0 23	9 39	1 10	22 9	0 21	8 29	1 34	9 27	2 20	1 50	0 39	22 13	0 34	7 54	11 52	17 7	17 25	16 42	17 49	3 53
M23	8 7	7 20	4 56	17 53	0 33	10 8	1 14	22 14	0 19	8 32	1 34	9 29	2 20	1 52	0 39	22 13	0 34	7 54	11 52	17 4	17 24	16 44	17 49	3 53
T 24	7 45	2 59	4 35	17 46	0 42	10 37	1 19	22 19	0 18	8 35	1 35	9 31	2 20	1 53	0 39	22 13	0 34	7 54	11 53	17 1	17 23	16 45	17 50	3 53
W25	7 22	1s25	4 1	17 37	0 52	11 6	1 23	22 25	0 17	8 38	1 35	9 33	2 21	1 54	0 39	22 13	0 34	7 53	11 53	16 58	17 22	16 46	17 50	3 52
T 26	6 59	5 41	3 16	17 26	1 0	11 35	1 28	22 30	0 16	8 41	1 35	9 35	2 21	1 55	0 39	22 12	0 34	7 53	11 53	16 55	17 21	16 47	17 51	3 52
F 27	6 36	9 38	2 22	17 15	1 9	12 3	1 32	22 34	0 15	8 44	1 35	9 37	2 21	1 57	0 39	22 12	0 34	7 53	11 54	16 53	17 20	16 48	17 51	3 52
S 28	6 13	13 9	1 22	17 1	1 17	12 31	1 37	22 39	0 14	8 47	1 35	9 39	2 21	1 58	0 39	22 12	0 34	7 52	11 54	16 52	17 20	16 49	17 51	3 52
S 29	5s50	16s 5	0s20	16s46	1s24	12n59	1n42	22s44	0n13	8n50	1n35	9n41	2n21	1n59	0s39	22s12	0n34	7s52	11n54	16s52	17s19	16s50	17n52	3s52

Julian Day Number = 2089260.5, Delta T = 23m44s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'54, Lahiri = 10°01'54 Julian Calendar 1 Feb. 1008 == Greg. Calendar 7 Feb. 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

MARCH 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 57 20	16♓15'48	24♏35	19♒28	0♉44	17♐42	11°R 9	10°R51	6♈31	14♑39	26°R25	16♏32	18♏ 3	15♏50	7♊30	M 1
T 2	11 1 17	17°15'17	6♐24	20°43	1°50	18°17	11♍ 1	10♍46	6°35	14°40	26♏25	16°32	17°59	15°56	7°32	T 2
W 3	11 5 13	18°14'45	18°19	22° 0	2°55	18°51	10°54	10°41	6°38	14°41	26°25	16°R33	17°56	16° 3	7°34	W 3
T 4	11 9 10	19°14'10	0♑25	23°19	4° 0	19°26	10°46	10°37	6°41	14°43	26°24	16°32	17°53	16°10	7°36	T 4
F 5	11 13 6	20°13'34	12°49	24°39	5° 5	20° 0	10°38	10°32	6°45	14°44	26°24	16°29	17°50	16°16	7°38	F 5
S 6	11 17 3	21°12'55	25°34	26° 1	6° 9	20°34	10°31	10°28	6°48	14°45	26°24	16°25	17°47	16°23	7°40	S 6
S 7	11 20 59	22°12'15	8♒43	27°25	7°13	21° 8	10°23	10°23	6°51	14°46	26°23	16°18	17°43	16°30	7°42	S 7
M 8	11 24 56	23°11'33	22°18	28°51	8°17	21°42	10°16	10°18	6°55	14°47	26°23	16°10	17°40	16°36	7°44	M 8
T 9	11 28 52	24°10'49	6♓17	0♓18	9°21	22°16	10° 8	10°14	6°58	14°48	26°22	16° 1	17°37	16°43	7°47	T 9
W10	11 32 49	25°10'03	20°38	1°46	10°24	22°50	10° 1	10° 9	7° 1	14°49	26°22	15°53	17°34	16°49	7°49	W10
T 11	11 36 45	26° 9'15	5♈14	3°16	11°27	23°24	9°54	10° 5	7° 5	14°51	26°21	15°46	17°31	16°56	7°52	T 11
F 12	11 40 42	27° 8'24	19°58	4°48	12°30	23°57	9°47	10° 0	7° 8	14°52	26°21	15°41	17°28	17° 3	7°54	F 12
S 13	11 44 39	28° 7'32	4♉42	6°21	13°32	24°31	9°39	9°56	7°12	14°52	26°20	15°39	17°24	17° 9	7°57	S 13
S 14	11 48 35	29° 6'37	19°21	7°56	14°34	25° 4	9°32	9°52	7°15	14°53	26°19	15°D38	17°21	17°16	7°59	S 14
M15	11 52 32	0♈ 5'40	3♊49	9°32	15°36	25°37	9°26	9°47	7°18	14°54	26°19	15°39	17°18	17°23	8° 2	M15
T 16	11 56 28	1° 4'41	18° 2	11°10	16°38	26°10	9°19	9°43	7°22	14°55	26°18	15°40	17°15	17°29	8° 5	T 16
W17	12 0 25	2° 3'39	2♋ 1	12°49	17°38	26°43	9°12	9°39	7°25	14°56	26°17	15°R41	17°12	17°36	8° 8	W17
T 18	12 4 21	3° 2'35	15°43	14°29	18°39	27°16	9° 5	9°35	7°29	14°57	26°16	15°40	17° 9	17°43	8°10	T 18
F 19	12 8 18	4° 1'28	29°10	16°11	19°39	27°49	8°59	9°31	7°32	14°58	26°16	15°37	17° 5	17°49	8°13	F 19
S 20	12 12 14	5° 0'19	12♌23	17°55	20°39	28°21	8°52	9°27	7°36	14°58	26°15	15°33	17° 2	17°56	8°16	S 20
S 21	12 16 11	5°59'08	25°23	19°40	21°38	28°54	8°46	9°23	7°39	14°59	26°14	15°27	16°59	18° 3	8°19	S 21
M22	12 20 8	6°57'55	8♍ 9	21°26	22°37	29°26	8°40	9°19	7°42	15° 0	26°13	15°20	16°56	18° 9	8°23	M22
T 23	12 24 4	7°56'39	20°43	23°14	23°36	29°58	8°34	9°15	7°46	15° 0	26°12	15°14	16°53	18°16	8°26	T 23
W24	12 28 1	8°55'21	3♎ 5	25° 4	24°34	0♑30	8°28	9°11	7°49	15° 1	26°11	15° 8	16°49	18°22	8°29	W24
T 25	12 31 57	9°54'01	15°16	26°55	25°31	1° 2	8°22	9° 7	7°53	15° 2	26°10	15° 3	16°46	18°29	8°32	T 25
F 26	12 35 54	10°52'40	27°18	28°48	26°28	1°34	8°17	9° 4	7°56	15° 2	26° 9	15° 0	16°43	18°36	8°36	F 26
S 27	12 39 50	11°51'16	9♏12	0♈42	27°25	2° 6	8°11	9° 0	8° 0	15° 3	26° 8	14°D58	16°40	18°42	8°39	S 27
S 28	12 43 47	12°49'50	21° 1	2°38	28°21	2°37	8° 6	8°57	8° 3	15° 3	26° 7	14°58	16°37	18°49	8°43	S 28
M29	12 47 43	13°48'23	2♐49	4°35	29°16	3° 8	8° 1	8°53	8° 6	15° 4	26° 6	14°59	16°34	18°56	8°46	M29
T 30	12 51 40	14°46'54	14°38	6°34	0♊11	3°39	7°56	8°50	8°10	15° 4	26° 5	15° 1	16°30	19° 2	8°50	T 30
W31	12 55 37	15♈45'23	26♐33	8♈34	1♊ 6	4♑10	7♍51	8♍47	8♈13	15♑ 4	26♏ 4	15♏ 3	16♏27	19♏ 9	8♊53	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s27	18s19	0n43	16s30	1s31	13n27	1n46	22s48	0n12	8n53	1n35	9n42	2n21	2n 1	0s39	22s12	0n34	7s52	11n55	16s52	17s18	16s51	17n52	3s51
T 2	5 4	19 46	1 45	16 12	1 38	13 54	1 51	22 52	0 10	8 56	1 35	9 44	2 21	2 2	0 39	22 12	0 34	7 51	11 55	16 52	17 17	16 52	17 53	3 51
W 3	4 40	20 22	2 42	15 53	1 44	14 21	1 55	22 57	0 9	8 59	1 35	9 46	2 21	2 3	0 39	22 11	0 34	7 51	11 55	16 52	17 16	16 53	17 53	3 51
T 4	4 17	20 1	3 33	15 33	1 50	14 48	2 0	23 1	0 8	9 2	1 35	9 48	2 21	2 5	0 39	22 11	0 34	7 51	11 55	16 52	17 15	16 55	17 54	3 51
F 5	3 53	18 42	4 16	15 11	1 55	15 14	2 4	23 5	0 7	9 5	1 35	9 50	2 21	2 6	0 39	22 11	0 34	7 50	11 56	16 51	17 14	16 56	17 54	3 51
S 6	3 30	16 27	4 47	14 47	2 0	15 40	2 9	23 8	0 5	9 8	1 35	9 51	2 21	2 7	0 39	22 11	0 34	7 50	11 56	16 50	17 13	16 57	17 55	3 50
S 7	3 7	13 17	5 4	14 23	2 4	16 5	2 13	23 12	0 4	9 10	1 35	9 53	2 21	2 9	0 39	22 11	0 34	7 49	11 56	16 48	17 12	16 58	17 55	3 50
M 8	2 43	9 21	5 5	13 56	2 8	16 31	2 18	23 16	0 3	9 13	1 35	9 55	2 21	2 10	0 39	22 11	0 34	7 49	11 57	16 46	17 12	16 59	17 56	3 50
T 9	2 19	4 48	4 48	13 29	2 12	16 55	2 22	23 19	0 1	9 16	1 35	9 57	2 21	2 11	0 39	22 11	0 34	7 49	11 57	16 43	17 11	17 0	17 56	3 50
W10	1 56	0n 8	4 13	13 0	2 15	17 20	2 26	23 22	0s 0	9 19	1 35	9 58	2 21	2 13	0 39	22 11	0 34	7 48	11 57	16 41	17 10	17 1	17 57	3 50
T 11	1 32	5 9	3 20	12 29	2 17	17 44	2 31	23 25	0 1	9 21	1 35	10 0	2 21	2 14	0 39	22 10	0 34	7 48	11 57	16 39	17 9	17 2	17 58	3 50
F 12	1 9	9 55	2 14	11 58	2 19	18 8	2 35	23 29	0 3	9 24	1 35	10 2	2 21	2 15	0 39	22 10	0 34	7 48	11 58	16 37	17 8	17 3	17 58	3 49
S 13	0 45	14 5	0 59	11 24	2 21	18 31	2 39	23 31	0 4	9 27	1 35	10 3	2 21	2 17	0 39	22 10	0 34	7 47	11 58	16 37	17 7	17 4	17 59	3 49
S 14	0 21	17 20	0s20	10 50	2 22	18 54	2 44	23 34	0 6	9 29	1 34	10 5	2 21	2 18	0 39	22 10	0 34	7 47	11 58	16 36	17 6	17 5	17 59	3 49
M15	0n 2	19 26	1 37	10 14	2 23	19 16	2 48	23 37	0 7	9 32	1 34	10 7	2 21	2 20	0 39	22 10	0 34	7 46	11 58	16 37	17 5	17 6	18 0	3 49
T 16	0 26	20 16	2 46	9 37	2 23	19 38	2 52	23 39	0 9	9 34	1 34	10 8	2 21	2 21	0 39	22 10	0 34	7 46	11 59	16 37	17 4	17 7	18 0	3 49
W17	0 49	19 48	3 45	8 59	2 22	20 0	2 56	23 42	0 10	9 37	1 34	10 10	2 21	2 22	0 39	22 10	0 34	7 46	11 59	16 37	17 3	17 8	18 1	3 49
T 18	1 13	18 11	4 29	8 19	2 22	20 21	3 0	23 44	0 12	9 39	1 34	10 11	2 21	2 24	0 39	22 10	0 34	7 45	11 59	16 37	17 3	17 9	18 2	3 48
F 19	1 36	15 35	4 58	7 38	2 20	20 42	3 4	23 46	0 14	9 42	1 34	10 13	2 21	2 25	0 39	22 10	0 34	7 45	11 59	16 36	17 2	17 10	18 2	3 48
S 20	2 0	12 13	5 10	6 55	2 18	21 2	3 8	23 49	0 15	9 44	1 34	10 14	2 21	2 26	0 39	22 9	0 34	7 44	12 0	16 35	17 1	17 11	18 3	3 48
S 21	2 23	8 20	5 5	6 12	2 16	21 21	3 12	23 51	0 17	9 46	1 34	10 16	2 20	2 28	0 38	22 9	0 34	7 44	12 0	16 33	17 0	17 12	18 4	3 48
M22	2 47	4 8	4 46	5 27	2 13	21 41	3 16	23 52	0 19	9 49	1 34	10 17	2 20	2 29	0 38	22 9	0 34	7 43	12 0	16 31	16 59	17 13	18 4	3 48
T 23	3 10	0s11	4 13	4 41	2 10	21 59	3 20	23 54	0 20	9 51	1 34	10 18	2 20	2 30	0 38	22 9	0 34	7 43	12 0	16 29	16 58	17 14	18 5	3 48
W24	3 33	4 25	3 29	3 54	2 6	22 18	3 23	23 56	0 22	9 53	1 33	10 20	2 20	2 32	0 38	22 9	0 34	7 43	12 1	16 28	16 57	17 15	18 6	3 47
T 25	3 56	8 26	2 35	3 5	2 1	22 35	3 27	23 57	0 24	9 55	1 33	10 21	2 20	2 33	0 38	22 9	0 34	7 42	12 1	16 26	16 56	17 16	18 6	3 47
F 26	4 20	12 3	1 35	2 16	1 56	22 52	3 30	23 59	0 25	9 57	1 33	10 22	2 20	2 35	0 38	22 9	0 34	7 42	12 1	16 25	16 55	17 17	18 7	3 47
S 27	4 43	15 8	0 32	1 25	1 51	23 9	3 34	24 0	0 27	9 59	1 33	10 24	2 20	2 36	0 38	22 9	0 34	7 41	12 1	16 25	16 54	17 18	18 7	3 47
S 28	5 6	17 35	0n33	0 33	1 45	23 25	3 37	24 2	0 29	10 1	1 33	10 25	2 20	2 37	0 38	22 9	0 34	7 41	12 1	16 25	16 53	17 19	18 8	3 47
M29	5 29	19 15	1 36	0n19	1 39	23 41	3 40	24 3	0 31	10 3	1 33	10 26	2 20	2 39	0 38	22 9	0 34	7 40	12 2	16 25	16 53	17 20	18 9	3 47
T 30	5 51	20 6	2 36	1 13	1 32	23 56	3 43	24 4	0 33	10 4	1 33	10 27	2 20	2 40	0 38	22 9	0 34	7 40	12 2	16 26	16 52	17 21	18 10	3 47
W31	6n14	20s 2	3n29	2n 8	1s24	24n11	3n47	24s 5	0s35	10n 6	1n33	10n29	2n20	2n41	0s38	22s 9	0n34	7s40	12n 2	16s26	16s51	17s22	18n10	3s46

Julian Day Number = 2089289.5, Delta T = 23m44s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°54'58, Lahiri = 10°01'58 Julian Calendar 1 March 1008 == Greg. Calendar 7 March 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

APRIL 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 59 33	16♈43'51	8♉39	10♈36	1♊59	4♉41	7°R46	8°R43	8♈17	15♉ 5	26°R 3	15♏ 4	16♏24	19♏16	8♊57	T 1
F 2	13 3 30	17°42'17	21° 1	12°39	2°52	5°12	7♍41	8♍40	8°20	15° 5	26♏ 1	15°R 4	16°21	19°22	9° 1	F 2
S 3	13 7 26	18°40'41	3♒43	14°43	3°45	5°42	7°37	8°37	8°24	15° 5	26° 0	15° 3	16°18	19°29	9° 5	S 3
S 4	13 11 23	19°39'04	16°50	16°49	4°37	6°12	7°32	8°34	8°27	15° 6	25°59	15° 1	16°14	19°36	9° 8	S 4
M 5	13 15 19	20°37'25	0♓23	18°56	5°28	6°42	7°28	8°31	8°30	15° 6	25°58	14°58	16°11	19°42	9°12	M 5
T 6	13 19 16	21°35'44	14°23	21° 3	6°18	7°12	7°24	8°28	8°34	15° 6	25°57	14°55	16° 8	19°49	9°16	T 6
W 7	13 23 12	22°34'01	28°48	23°12	7° 8	7°42	7°21	8°26	8°37	15° 6	25°55	14°52	16° 5	19°55	9°20	W 7
T 8	13 27 9	23°32'17	13♈34	25°20	7°57	8°11	7°17	8°23	8°40	15° 6	25°54	14°49	16° 2	20° 2	9°24	T 8
F 9	13 31 5	24°30'32	28°33	27°30	8°45	8°40	7°13	8°20	8°44	15° 6	25°53	14°48	15°59	20° 9	9°29	F 9
S 10	13 35 2	25°28'44	13♉37	29°39	9°32	9° 9	7°10	8°18	8°47	15° 6	25°51	14°D47	15°55	20°15	9°33	S 10
S 11	13 38 59	26°26'55	28°38	1♉48	10°19	9°38	7° 7	8°16	8°50	15°R 7	25°50	14°47	15°52	20°22	9°37	S 11
M12	13 42 55	27°25'03	13♊26	3°56	11° 4	10° 7	7° 4	8°13	8°54	15° 7	25°49	14°48	15°49	20°29	9°41	M12
T 13	13 46 52	28°23'10	27°57	6° 4	11°49	10°35	7° 1	8°11	8°57	15° 6	25°47	14°50	15°46	20°35	9°45	T 13
W14	13 50 48	29°21'15	12♋ 7	8°11	12°33	11° 3	6°59	8° 9	9° 0	15° 6	25°46	14°51	15°43	20°42	9°50	W14
T 15	13 54 45	0♉19'17	25°54	10°16	13°15	11°31	6°56	8° 7	9° 4	15° 6	25°44	14°R51	15°40	20°49	9°54	T 15
F 16	13 58 41	1°17'18	9♌20	12°19	13°57	11°58	6°54	8° 5	9° 7	15° 6	25°43	14°51	15°36	20°55	9°58	F 16
S 17	14 2 38	2°15'17	22°25	14°21	14°38	12°25	6°52	8° 3	9°10	15° 6	25°42	14°50	15°33	21° 2	10° 3	S 17
S 18	14 6 34	3°13'14	5♍12	16°20	15°17	12°52	6°50	8° 2	9°13	15° 6	25°40	14°49	15°30	21° 9	10° 7	S 18
M19	14 10 31	4°11'09	17°43	18°17	15°56	13°19	6°49	8° 0	9°16	15° 6	25°39	14°48	15°27	21°15	10°12	M19
T 20	14 14 28	5° 9'02	0♎ 1	20°11	16°33	13°45	6°47	7°58	9°20	15° 5	25°37	14°46	15°24	21°22	10°16	T 20
W21	14 18 24	6° 6'53	12° 9	22° 3	17° 9	14°12	6°46	7°57	9°23	15° 5	25°36	14°45	15°20	21°28	10°21	W21
T 22	14 22 21	7° 4'43	24° 8	23°52	17°43	14°37	6°45	7°56	9°26	15° 5	25°34	14°44	15°17	21°35	10°26	T 22
F 23	14 26 17	8° 2'31	6♏ 2	25°37	18°16	15° 3	6°44	7°54	9°29	15° 4	25°33	14°44	15°14	21°42	10°30	F 23
S 24	14 30 14	9° 0'18	17°51	27°19	18°48	15°28	6°43	7°53	9°32	15° 4	25°31	14°D44	15°11	21°48	10°35	S 24
S 25	14 34 10	9°58'03	29°39	28°59	19°18	15°53	6°42	7°52	9°35	15° 3	25°30	14°44	15° 8	21°55	10°40	S 25
M26	14 38 7	10°55'47	11♐28	0♊34	19°47	16°18	6°42	7°51	9°38	15° 3	25°28	14°44	15° 5	22° 2	10°45	M26
T 27	14 42 3	11°53'29	23°20	2° 7	20°15	16°42	6°42	7°51	9°41	15° 3	25°26	14°45	15° 1	22° 8	10°49	T 27
W28	14 46 0	12°51'11	5♑18	3°36	20°40	17° 6	6°D42	7°50	9°44	15° 2	25°25	14°45	14°58	22°15	10°54	W28
T 29	14 49 57	13°48'51	17°27	5° 1	21° 4	17°29	6°42	7°49	9°47	15° 1	25°23	14°45	14°55	22°22	10°59	T 29
F 30	14 53 53	14♉46'30	29♑50	6♊23	21♊26	17♑53	6♍42	7♍49	9♈50	15♉ 1	25♏22	14°R45	14♏52	22♏28	11♊ 4	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n37	19s 4	4n14	3n 3	1s16	24n25	3n49	24s 6	0s37	10n 8	1n32	10n30	2n20	2n43	0s38	22s 9	0n34	7s39	12n 2	16s26	16s50	17s23	18n11	3s46
F 2	6 59	17 11	4 48	3 59	1 8	24 38	3 52	24 7	0 39	10 9	1 32	10 31	2 19	2 44	0 38	22 9	0 34	7 39	12 2	16 27	16 49	17 24	18 12	3 46
S 3	7 21	14 25	5 9	4 56	0 59	24 51	3 55	24 7	0 41	10 11	1 32	10 32	2 19	2 45	0 38	22 9	0 34	7 38	12 3	16 26	16 48	17 25	18 12	3 46
S 4	7 44	10 52	5 15	5 53	0 50	25 4	3 58	24 8	0 43	10 12	1 32	10 33	2 19	2 47	0 38	22 9	0 34	7 38	12 3	16 26	16 47	17 26	18 13	3 46
M 5	8 6	6 40	5 4	6 50	0 40	25 16	4 0	24 9	0 45	10 14	1 32	10 34	2 19	2 48	0 38	22 8	0 34	7 37	12 3	16 25	16 46	17 27	18 14	3 46
T 6	8 28	1 58	4 34	7 48	0 30	25 27	4 2	24 9	0 47	10 15	1 32	10 35	2 19	2 49	0 38	22 8	0 34	7 37	12 3	16 24	16 45	17 28	18 14	3 46
W 7	8 50	3n 0	3 47	8 45	0 20	25 38	4 4	24 10	0 49	10 16	1 31	10 36	2 19	2 51	0 38	22 8	0 34	7 37	12 3	16 23	16 44	17 29	18 15	3 46
T 8	9 11	7 54	2 44	9 42	0 10	25 48	4 7	24 10	0 52	10 17	1 31	10 37	2 19	2 52	0 38	22 8	0 34	7 36	12 3	16 22	16 43	17 30	18 16	3 45
F 9	9 33	12 24	1 29	10 39	0n 1	25 58	4 8	24 11	0 54	10 19	1 31	10 37	2 19	2 53	0 38	22 8	0 34	7 36	12 4	16 22	16 42	17 31	18 16	3 45
S 10	9 54	16 7	0 6	11 35	0 12	26 7	4 10	24 11	0 56	10 20	1 31	10 38	2 18	2 55	0 38	22 8	0 34	7 35	12 4	16 22	16 42	17 32	18 17	3 45
S 11	10 15	18 44	1s16	12 31	0 22	26 16	4 12	24 11	0 58	10 21	1 31	10 39	2 18	2 56	0 38	22 8	0 34	7 35	12 4	16 22	16 41	17 33	18 18	3 45
M12	10 37	20 1	2 32	13 25	0 33	26 24	4 13	24 11	1 1	10 22	1 30	10 40	2 18	2 57	0 38	22 8	0 34	7 35	12 4	16 22	16 40	17 34	18 19	3 45
T 13	10 57	19 56	3 37	14 18	0 44	26 31	4 14	24 11	1 3	10 22	1 30	10 40	2 18	2 59	0 38	22 8	0 34	7 34	12 4	16 22	16 39	17 34	18 19	3 45
W14	11 18	18 35	4 27	15 10	0 54	26 38	4 15	24 12	1 6	10 23	1 30	10 41	2 18	3 0	0 39	22 8	0 34	7 34	12 4	16 23	16 38	17 35	18 20	3 45
T 15	11 39	16 10	5 0	15 59	1 4	26 45	4 16	24 12	1 8	10 24	1 30	10 42	2 18	3 1	0 39	22 8	0 34	7 33	12 4	16 23	16 37	17 36	18 21	3 45
F 16	11 59	12 56	5 15	16 47	1 14	26 51	4 17	24 12	1 11	10 25	1 30	10 42	2 18	3 2	0 39	22 8	0 34	7 33	12 4	16 23	16 36	17 37	18 21	3 45
S 17	12 19	9 10	5 14	17 33	1 23	26 56	4 17	24 12	1 13	10 25	1 29	10 43	2 17	3 4	0 39	22 8	0 34	7 32	12 4	16 22	16 35	17 38	18 22	3 45
S 18	12 39	5 3	4 57	18 17	1 32	27 1	4 18	24 12	1 16	10 26	1 29	10 43	2 17	3 5	0 39	22 8	0 34	7 32	12 4	16 22	16 34	17 39	18 23	3 45
M19	12 59	0 48	4 26	18 58	1 40	27 5	4 18	24 12	1 18	10 26	1 29	10 44	2 17	3 6	0 39	22 8	0 34	7 32	12 5	16 22	16 33	17 40	18 24	3 45
T 20	13 18	3s25	3 44	19 37	1 48	27 9	4 17	24 12	1 21	10 26	1 29	10 44	2 17	3 8	0 39	22 8	0 34	7 31	12 5	16 21	16 32	17 41	18 24	3 44
W21	13 38	7 27	2 51	20 14	1 55	27 12	4 17	24 11	1 24	10 27	1 29	10 45	2 17	3 9	0 39	22 8	0 34	7 31	12 5	16 21	16 31	17 42	18 25	3 44
T 22	13 57	11 9	1 52	20 48	2 2	27 15	4 16	24 11	1 26	10 27	1 28	10 45	2 17	3 10	0 39	22 8	0 34	7 30	12 5	16 21	16 30	17 43	18 26	3 44
F 23	14 16	14 22	0 48	21 20	2 7	27 17	4 15	24 11	1 29	10 27	1 28	10 45	2 16	3 11	0 39	22 9	0 34	7 30	12 5	16 21	16 29	17 43	18 26	3 44
S 24	14 34	16 58	0n17	21 49	2 12	27 19	4 14	24 11	1 32	10 27	1 28	10 46	2 16	3 12	0 39	22 9	0 34	7 30	12 5	16 21	16 29	17 44	18 27	3 44
S 25	14 53	18 51	1 22	22 15	2 17	27 20	4 13	24 11	1 35	10 27	1 28	10 46	2 16	3 14	0 39	22 9	0 34	7 29	12 5	16 21	16 28	17 45	18 28	3 44
M26	15 11	19 55	2 23	22 39	2 20	27 20	4 11	24 11	1 38	10 27	1 27	10 46	2 16	3 15	0 39	22 9	0 34	7 29	12 5	16 21	16 27	17 46	18 29	3 44
T 27	15 29	20 5	3 19	23 1	2 22	27 20	4 9	24 11	1 41	10 27	1 27	10 46	2 16	3 16	0 39	22 9	0 34	7 29	12 5	16 21	16 26	17 47	18 29	3 44
W28	15 47	19 22	4 6	23 21	2 24	27 20	4 6	24 11	1 44	10 27	1 27	10 46	2 16	3 17	0 39	22 9	0 34	7 28	12 5	16 21	16 25	17 48	18 30	3 44
T 29	16 4	17 45	4 43	23 38	2 25	27 19	4 4	24 11	1 47	10 27	1 27	10 46	2 15	3 18	0 39	22 9	0 34	7 28	12 5	16 21	16 24	17 49	18 31	3 44
F 30	16n21	15s17	5n 7	23n52	2n25	27n17	4n 1	24s11	1s50	10n26	1n27	10n46	2n15	3n20	0s39	22s 9	0n34	7s28	12n 5	16s21	16s23	17s50	18n31	3s44

Julian Day Number = 2089320.5, Delta T = 23m43s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'02, Lahiri = 10°02'03 Julian Calendar 1 Apr. 1008 == Greg. Calendar 7 Apr. 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

MAY 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 57 50	15♉44'08	12♒30	7♊41	21♊47	18♑15	6♍43	7°R48	9♈53	15°R 0	25°R20	14°D45	14♏49	22♏35	11♊ 9	S 1
S 2	15 1 46	16°41'45	25°32	8°56	22° 6	18°38	6°43	7♍48	9°56	15♑ 0	25♏18	14♏45	14°46	22°42	11°14	S 2
M 3	15 5 43	17°39'21	8♓58	10° 7	22°22	19° 0	6°44	7°48	9°59	14°59	25°17	14°45	14°42	22°48	11°19	M 3
T 4	15 9 39	18°36'56	22°50	11°14	22°37	19°22	6°45	7°48	10° 2	14°58	25°15	14°46	14°39	22°55	11°24	T 4
W 5	15 13 36	19°34'30	7♈ 8	12°18	22°50	19°43	6°46	7°D48	10° 5	14°58	25°14	14°46	14°36	23° 2	11°29	W 5
T 6	15 17 32	20°32'03	21°50	13°17	23° 1	20° 4	6°48	7°48	10° 8	14°57	25°12	14°46	14°33	23° 8	11°34	T 6
F 7	15 21 29	21°29'35	6♉49	14°13	23° 9	20°24	6°49	7°48	10°10	14°56	25°10	14°47	14°30	23°15	11°39	F 7
S 8	15 25 26	22°27'06	21°59	15° 5	23°15	20°44	6°51	7°48	10°13	14°55	25° 9	14°R47	14°26	23°21	11°44	S 8
S 9	15 29 22	23°24'37	7♊10	15°52	23°20	21° 3	6°53	7°49	10°16	14°54	25° 7	14°46	14°23	23°28	11°49	S 9
M10	15 33 19	24°22'06	22°12	16°36	23°R21	21°22	6°55	7°49	10°19	14°54	25° 5	14°46	14°20	23°35	11°54	M10
T 11	15 37 15	25°19'33	6♋59	17°15	23°21	21°41	6°57	7°50	10°21	14°53	25° 4	14°44	14°17	23°41	11°59	T 11
W12	15 41 12	26°17'00	21°22	17°50	23°18	21°59	7° 0	7°50	10°24	14°52	25° 2	14°43	14°14	23°48	12° 4	W12
T 13	15 45 8	27°14'25	5♌20	18°20	23°13	22°16	7° 2	7°51	10°27	14°51	25° 1	14°42	14°11	23°55	12°10	T 13
F 14	15 49 5	28°11'49	18°51	18°47	23° 5	22°33	7° 5	7°52	10°29	14°50	24°59	14°41	14° 7	24° 1	12°15	F 14
S 15	15 53 1	29° 9'11	1♍56	19° 8	22°55	22°50	7° 8	7°53	10°32	14°49	24°57	14°D41	14° 4	24° 8	12°20	S 15
S 16	15 56 58	0♊ 6'33	14°40	19°25	22°43	23° 6	7°11	7°54	10°34	14°48	24°56	14°42	14° 1	24°15	12°25	S 16
M17	16 0 55	1° 3'53	27° 4	19°37	22°28	23°21	7°15	7°55	10°37	14°47	24°54	14°43	13°58	24°21	12°30	M17
T 18	16 4 51	2° 1'12	9♎14	19°45	22°10	23°36	7°18	7°57	10°39	14°46	24°52	14°44	13°55	24°28	12°36	T 18
W19	16 8 48	2°58'30	21°13	19°R48	21°51	23°50	7°22	7°58	10°42	14°45	24°51	14°45	13°51	24°35	12°41	W19
T 20	16 12 44	3°55'48	3♏ 4	19°47	21°29	24° 4	7°25	8° 0	10°44	14°44	24°49	14°46	13°48	24°41	12°46	T 20
F 21	16 16 41	4°53'04	14°53	19°41	21° 5	24°17	7°29	8° 1	10°46	14°42	24°48	14°R47	13°45	24°48	12°52	F 21
S 22	16 20 37	5°50'20	26°40	19°31	20°39	24°30	7°34	8° 3	10°49	14°41	24°46	14°46	13°42	24°55	12°57	S 22
S 23	16 24 34	6°47'35	8♐30	19°17	20°11	24°42	7°38	8° 5	10°51	14°40	24°44	14°45	13°39	25° 1	13° 2	S 23
M24	16 28 30	7°44'49	20°23	18°59	19°41	24°53	7°42	8° 7	10°53	14°39	24°43	14°42	13°36	25° 8	13° 7	M24
T 25	16 32 27	8°42'03	2♑22	18°37	19° 9	25° 4	7°47	8° 9	10°55	14°38	24°41	14°39	13°32	25°14	13°13	T 25
W26	16 36 24	9°39'16	14°29	18°12	18°36	25°14	7°52	8°11	10°57	14°36	24°40	14°35	13°29	25°21	13°18	W26
T 27	16 40 20	10°36'29	26°46	17°44	18° 2	25°23	7°56	8°13	11° 0	14°35	24°38	14°31	13°26	25°28	13°23	T 27
F 28	16 44 17	11°33'41	9♒15	17°14	17°26	25°32	8° 2	8°15	11° 2	14°34	24°37	14°27	13°23	25°34	13°29	F 28
S 29	16 48 13	12°30'54	21°59	16°42	16°50	25°40	8° 7	8°18	11° 4	14°33	24°35	14°24	13°20	25°41	13°34	S 29
S 30	16 52 10	13°28'05	5♓ 0	16° 8	16°13	25°47	8°12	8°20	11° 6	14°31	24°34	14°23	13°17	25°48	13°39	S 30
M31	16 56 6	14♊25'17	18♓22	15♊34	15♊35	25♑54	8♍18	8♍23	11♈ 8	14♑30	24♏32	14°D23	13♏13	25♏54	13♊45	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n38	12s 3	5n18	24n 5	2n24	27n15	3n57	24s11	1s53	10n26	1n26	10n46	2n15	3n21	0s39	22s 9	0n34	7s27	12n 5	16s21	16s22	17s50	18n32	3s44
S 2	16 55	8 10	5 12	24 15	2 23	27 13	3 53	24 11	1 56	10 25	1 26	10 46	2 15	3 22	0 39	22 9	0 34	7 27	12 5	16 21	16 21	17 51	18 33	3 44
M 3	17 11	3 46	4 50	24 23	2 20	27 10	3 49	24 11	2 0	10 25	1 26	10 46	2 15	3 23	0 39	22 9	0 34	7 27	12 5	16 21	16 20	17 52	18 33	3 44
T 4	17 27	0n59	4 11	24 30	2 16	27 6	3 45	24 11	2 3	10 24	1 26	10 46	2 15	3 24	0 39	22 9	0 34	7 26	12 5	16 21	16 19	17 53	18 34	3 44
W 5	17 43	5 49	3 14	24 34	2 12	27 2	3 40	24 11	2 6	10 24	1 25	10 46	2 14	3 25	0 39	22 9	0 34	7 26	12 5	16 21	16 18	17 54	18 35	3 44
T 6	17 59	10 28	2 4	24 37	2 7	26 57	3 35	24 12	2 10	10 23	1 25	10 46	2 14	3 26	0 39	22 9	0 34	7 26	12 5	16 21	16 17	17 55	18 36	3 44
F 7	18 14	14 33	0 44	24 38	2 1	26 52	3 29	24 12	2 13	10 22	1 25	10 46	2 14	3 27	0 39	22 9	0 34	7 25	12 5	16 21	16 16	17 55	18 36	3 44
S 8	18 29	17 43	0s40	24 37	1 54	26 46	3 23	24 12	2 17	10 21	1 25	10 45	2 14	3 28	0 39	22 9	0 34	7 25	12 5	16 21	16 15	17 56	18 37	3 44
S 9	18 43	19 38	2 1	24 34	1 46	26 40	3 16	24 13	2 20	10 20	1 25	10 45	2 14	3 29	0 39	22 10	0 34	7 25	12 4	16 21	16 14	17 57	18 38	3 44
M10	18 58	20 7	3 13	24 30	1 37	26 33	3 9	24 13	2 24	10 19	1 24	10 45	2 13	3 31	0 39	22 10	0 34	7 24	12 4	16 21	16 13	17 58	18 38	3 44
T 11	19 12	19 12	4 11	24 24	1 27	26 25	3 1	24 14	2 27	10 18	1 24	10 44	2 13	3 32	0 39	22 10	0 34	7 24	12 4	16 21	16 13	17 59	18 39	3 44
W12	19 25	17 4	4 51	24 17	1 17	26 17	2 53	24 15	2 31	10 17	1 24	10 44	2 13	3 33	0 39	22 10	0 34	7 24	12 4	16 20	16 12	17 59	18 39	3 44
T 13	19 39	13 58	5 13	24 9	1 6	26 8	2 45	24 16	2 35	10 16	1 24	10 43	2 13	3 34	0 39	22 10	0 34	7 23	12 4	16 20	16 11	18 0	18 40	3 44
F 14	19 52	10 14	5 16	23 59	0 54	25 59	2 36	24 16	2 39	10 15	1 23	10 43	2 13	3 35	0 39	22 10	0 34	7 23	12 4	16 20	16 10	18 1	18 41	3 44
S 15	20 4	6 7	5 3	23 48	0 41	25 49	2 27	24 17	2 42	10 13	1 23	10 42	2 13	3 36	0 39	22 10	0 34	7 23	12 4	16 20	16 9	18 2	18 41	3 44
S 16	20 17	1 51	4 35	23 36	0 27	25 38	2 17	24 19	2 46	10 12	1 23	10 42	2 12	3 37	0 39	22 10	0 34	7 23	12 4	16 20	16 8	18 3	18 42	3 44
M17	20 29	2s25	3 55	23 22	0 13	25 27	2 6	24 20	2 50	10 11	1 23	10 41	2 12	3 38	0 39	22 10	0 34	7 22	12 4	16 20	16 7	18 3	18 43	3 44
T 18	20 41	6 30	3 4	23 8	0s 2	25 15	1 56	24 21	2 54	10 9	1 23	10 40	2 12	3 38	0 39	22 10	0 34	7 22	12 4	16 21	16 6	18 4	18 43	3 44
W19	20 52	10 16	2 7	22 53	0 18	25 3	1 44	24 22	2 58	10 7	1 22	10 40	2 12	3 39	0 39	22 11	0 34	7 22	12 3	16 21	16 5	18 5	18 44	3 44
T 20	21 3	13 37	1 4	22 37	0 34	24 50	1 33	24 24	3 2	10 6	1 22	10 39	2 12	3 40	0 39	22 11	0 34	7 22	12 3	16 21	16 4	18 6	18 45	3 44
F 21	21 13	16 23	0n 1	22 20	0 50	24 36	1 21	24 26	3 6	10 4	1 22	10 38	2 11	3 41	0 39	22 11	0 34	7 22	12 3	16 21	16 3	18 7	18 45	3 44
S 22	21 24	18 27	1 5	22 2	1 7	24 22	1 8	24 28	3 11	10 2	1 22	10 37	2 11	3 42	0 39	22 11	0 34	7 21	12 3	16 21	16 2	18 7	18 46	3 44
S 23	21 34	19 45	2 7	21 44	1 24	24 7	0 55	24 29	3 15	10 1	1 21	10 36	2 11	3 43	0 39	22 11	0 34	7 21	12 3	16 21	16 1	18 8	18 46	3 44
M24	21 43	20 9	3 4	21 26	1 41	23 52	0 42	24 32	3 19	9 59	1 21	10 36	2 11	3 44	0 39	22 11	0 34	7 21	12 3	16 20	16 0	18 9	18 47	3 44
T 25	21 52	19 40	3 53	21 7	1 57	23 36	0 29	24 34	3 23	9 57	1 21	10 35	2 11	3 45	0 39	22 11	0 34	7 21	12 2	16 19	15 59	18 10	18 48	3 45
W26	22 1	18 16	4 32	20 49	2 14	23 20	0 15	24 36	3 28	9 55	1 21	10 34	2 11	3 45	0 39	22 11	0 34	7 21	12 2	16 18	15 58	18 10	18 48	3 45
T 27	22 9	16 1	4 59	20 30	2 30	23 3	0 1	24 39	3 32	9 53	1 21	10 33	2 10	3 46	0 39	22 12	0 34	7 20	12 2	16 17	15 57	18 11	18 49	3 45
F 28	22 17	13 1	5 13	20 11	2 46	22 46	0s13	24 41	3 36	9 51	1 20	10 32	2 10	3 47	0 39	22 12	0 34	7 20	12 2	16 16	15 56	18 12	18 49	3 45
S 29	22 25	9 21	5 11	19 53	3 1	22 28	0 27	24 44	3 41	9 49	1 20	10 31	2 10	3 48	0 39	22 12	0 34	7 20	12 2	16 15	15 55	18 13	18 50	3 45
S 30	22 32	5 10	4 54	19 36	3 16	22 10	0 41	24 47	3 45	9 46	1 20	10 29	2 10	3 49	0 39	22 12	0 34	7 20	12 1	16 14	15 54	18 13	18 50	3 45
M31	22n39	0s38	4n20	19n19	3s29	21n52	0s55	24s50	3s50	9n44	1n20	10n28	2n10	3n49	0s39	22s12	0n34	7s20	12n 1	16s14	15s53	18s14	18n51	3s45

Julian Day Number = 2089350.5, Delta T = 23m43s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'06, Lahiri = 10°02'07 Julian Calendar 1 May 1008 == Greg. Calendar 7 May 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

JUNE 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 0 3	15♊22'29	2♈ 4	14°R59	14°R58	26♑ 0	8♍23	8♍25	11♈10	14°R29	24°R31	14♏24	13♏10	26♏ 1	13♊50	T 1
W 2	17 3 59	16°19'41	16°10	14♊25	14♊20	26° 5	8°29	8°28	11°11	14♑27	24♏29	14°25	13° 7	26° 8	13°55	W 2
T 3	17 7 56	17°16'52	0♉37	13°52	13°43	26°10	8°35	8°31	11°13	14°26	24°28	14°26	13° 4	26°14	14° 1	T 3
F 4	17 11 53	18°14'04	15°24	13°20	13° 6	26°13	8°41	8°34	11°15	14°24	24°26	14°R27	13° 1	26°21	14° 6	F 4
S 5	17 15 49	19°11'15	0♊24	12°50	12°31	26°16	8°47	8°37	11°17	14°23	24°25	14°26	12°57	26°28	14°12	S 5
S 6	17 19 46	20° 8'27	15°30	12°23	11°56	26°19	8°54	8°40	11°18	14°22	24°23	14°23	12°54	26°34	14°17	S 6
M 7	17 23 42	21° 5'38	0♋34	11°59	11°22	26°20	9° 0	8°43	11°20	14°20	24°22	14°19	12°51	26°41	14°22	M 7
T 8	17 27 39	22° 2'49	15°24	11°38	10°50	26°R21	9° 7	8°47	11°22	14°19	24°20	14°14	12°48	26°48	14°28	T 8
W 9	17 31 35	23° 0'00	29°55	11°21	10°19	26°21	9°13	8°50	11°23	14°17	24°19	14° 8	12°45	26°54	14°33	W 9
T 10	17 35 32	23°57'11	14♌ 0	11° 9	9°50	26°20	9°20	8°54	11°25	14°16	24°18	14° 3	12°42	27° 1	14°38	T 10
F 11	17 39 29	24°54'21	27°38	11° 0	9°23	26°18	9°27	8°57	11°26	14°14	24°16	13°59	12°38	27° 8	14°43	F 11
S 12	17 43 25	25°51'30	10♍47	10°D57	8°58	26°16	9°35	9° 1	11°28	14°13	24°15	13°56	12°35	27°14	14°49	S 12
S 13	17 47 22	26°48'40	23°32	10°58	8°34	26°13	9°42	9° 4	11°29	14°11	24°14	13°D55	12°32	27°21	14°54	S 13
M14	17 51 18	27°45'49	5♎55	11° 4	8°13	26° 9	9°49	9° 8	11°31	14°10	24°12	13°55	12°29	27°27	14°59	M14
T 15	17 55 15	28°42'58	18° 2	11°15	7°55	26° 4	9°57	9°12	11°32	14° 8	24°11	13°56	12°26	27°34	15° 5	T 15
W16	17 59 11	29°40'07	29°58	11°31	7°38	25°59	10° 4	9°16	11°33	14° 7	24°10	13°58	12°23	27°41	15°10	W16
T 17	18 3 8	0♋37'16	11♏47	11°52	7°24	25°53	10°12	9°20	11°34	14° 5	24° 9	13°R58	12°19	27°47	15°15	T 17
F 18	18 7 4	1°34'25	23°34	12°19	7°13	25°46	10°20	9°24	11°36	14° 3	24° 7	13°58	12°16	27°54	15°20	F 18
S 19	18 11 1	2°31'34	5♐23	12°50	7° 3	25°39	10°28	9°29	11°37	14° 2	24° 6	13°56	12°13	28° 1	15°25	S 19
S 20	18 14 58	3°28'43	17°17	13°27	6°56	25°31	10°36	9°33	11°38	14° 0	24° 5	13°51	12°10	28° 7	15°31	S 20
M21	18 18 54	4°25'52	29°17	14° 9	6°52	25°22	10°45	9°37	11°39	13°59	24° 4	13°44	12° 7	28°14	15°36	M21
T 22	18 22 51	5°23'02	11♑27	14°55	6°D50	25°12	10°53	9°42	11°40	13°57	24° 3	13°36	12° 3	28°21	15°41	T 22
W23	18 26 47	6°20'12	23°48	15°47	6°50	25° 2	11° 1	9°46	11°41	13°56	24° 2	13°27	12° 0	28°27	15°46	W23
T 24	18 30 44	7°17'22	6♒19	16°43	6°53	24°52	11°10	9°51	11°42	13°54	24° 1	13°17	11°57	28°34	15°51	T 24
F 25	18 34 40	8°14'33	19° 2	17°45	6°57	24°40	11°19	9°55	11°43	13°52	24° 0	13° 9	11°54	28°41	15°56	F 25
S 26	18 38 37	9°11'44	1♓57	18°51	7° 4	24°28	11°27	10° 0	11°43	13°51	23°59	13° 2	11°51	28°47	16° 1	S 26
S 27	18 42 33	10° 8'56	15° 6	20° 1	7°13	24°16	11°36	10° 5	11°44	13°49	23°58	12°57	11°48	28°54	16° 7	S 27
M28	18 46 30	11° 6'09	28°30	21°17	7°25	24° 3	11°45	10°10	11°45	13°47	23°57	12°54	11°44	29° 1	16°12	M28
T 29	18 50 27	12° 3'23	12♈ 9	22°37	7°38	23°49	11°54	10°15	11°45	13°46	23°56	12°D53	11°41	29° 7	16°17	T 29
W30	18 54 23	13♋ 0'37	26♈ 5	24♊ 1	7♊53	23♑35	12♍ 4	10♍20	11♈46	13♑44	23♏55	12♏54	11♏38	29♏14	16♊22	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n46	4n 4	3n32	19n 3	3s41	21n34	1s 9	24s54	3s54	9n42	1n20	10n27	2n 9	3n50	0s39	22s12	0n34	7s20	12n 1	16s14	15s52	18s15	18n51	3s45
W 2	22 52	8 41	2 29	18 48	3 52	21 16	1 23	24 57	3 59	9 39	1 19	10 26	2 9	3 51	0 39	22 12	0 34	7 20	12 1	16 15	15 51	18 15	18 52	3 45
T 3	22 57	12 55	1 15	18 35	4 2	20 58	1 36	25 1	4 4	9 37	1 19	10 25	2 9	3 52	0 39	22 13	0 34	7 20	12 0	16 15	15 51	18 16	18 52	3 45
F 4	23 3	16 27	0s 5	18 22	4 11	20 40	1 50	25 5	4 8	9 35	1 19	10 23	2 9	3 52	0 39	22 13	0 34	7 19	12 0	16 15	15 50	18 17	18 53	3 45
S 5	23 7	18 56	1 26	18 12	4 18	20 23	2 3	25 9	4 13	9 32	1 19	10 22	2 9	3 53	0 39	22 13	0 34	7 19	12 0	16 15	15 49	18 18	18 53	3 46
S 6	23 12	20 6	2 41	18 3	4 23	20 6	2 16	25 13	4 18	9 29	1 19	10 21	2 9	3 54	0 39	22 13	0 34	7 19	12 0	16 14	15 48	18 18	18 54	3 46
M 7	23 16	19 49	3 45	17 56	4 27	19 49	2 28	25 17	4 22	9 27	1 18	10 19	2 8	3 54	0 39	22 13	0 34	7 19	11 59	16 13	15 47	18 19	18 54	3 46
T 8	23 20	18 9	4 33	17 50	4 30	19 32	2 40	25 22	4 27	9 24	1 18	10 18	2 8	3 55	0 39	22 13	0 34	7 19	11 59	16 12	15 46	18 20	18 55	3 46
W 9	23 23	15 22	5 1	17 47	4 31	19 17	2 52	25 26	4 32	9 21	1 18	10 17	2 8	3 55	0 39	22 14	0 34	7 19	11 59	16 10	15 45	18 20	18 55	3 46
T 10	23 26	11 45	5 11	17 46	4 31	19 1	3 3	25 31	4 36	9 19	1 18	10 15	2 8	3 56	0 40	22 14	0 34	7 19	11 59	16 8	15 44	18 21	18 56	3 46
F 11	23 28	7 38	5 2	17 46	4 29	18 47	3 14	25 36	4 41	9 16	1 18	10 14	2 8	3 57	0 40	22 14	0 34	7 19	11 58	16 7	15 43	18 22	18 56	3 46
S 12	23 30	3 17	4 38	17 48	4 26	18 33	3 24	25 41	4 46	9 13	1 17	10 12	2 8	3 57	0 40	22 14	0 34	7 19	11 58	16 6	15 42	18 23	18 57	3 46
S 13	23 32	1s 5	4 0	17 53	4 22	18 20	3 33	25 46	4 50	9 10	1 17	10 11	2 7	3 58	0 40	22 14	0 34	7 19	11 58	16 6	15 41	18 23	18 57	3 47
M14	23 33	5 18	3 12	17 59	4 17	18 8	3 42	25 51	4 55	9 7	1 17	10 9	2 7	3 58	0 40	22 14	0 34	7 19	11 57	16 6	15 40	18 24	18 58	3 47
T 15	23 34	9 12	2 16	18 6	4 11	17 57	3 51	25 57	4 59	9 4	1 17	10 7	2 7	3 59	0 40	22 15	0 34	7 19	11 57	16 6	15 39	18 25	18 58	3 47
W16	23 34	12 42	1 15	18 16	4 3	17 46	3 59	26 2	5 4	9 1	1 17	10 6	2 7	3 59	0 40	22 15	0 34	7 19	11 57	16 7	15 38	18 25	18 58	3 47
T 17	23 34	15 38	0 12	18 27	3 55	17 37	4 6	26 8	5 8	8 58	1 17	10 4	2 7	4 0	0 40	22 15	0 34	7 19	11 56	16 7	15 37	18 26	18 59	3 47
F 18	23 33	17 56	0n52	18 39	3 46	17 28	4 13	26 13	5 13	8 55	1 16	10 2	2 7	4 0	0 40	22 15	0 34	7 19	11 56	16 7	15 36	18 27	18 59	3 47
S 19	23 32	19 27	1 53	18 53	3 36	17 20	4 19	26 19	5 17	8 51	1 16	10 1	2 7	4 0	0 40	22 15	0 34	7 19	11 56	16 6	15 35	18 27	19 0	3 48
S 20	23 31	20 8	2 50	19 8	3 26	17 13	4 25	26 25	5 21	8 48	1 16	9 59	2 6	4 1	0 40	22 15	0 34	7 19	11 55	16 5	15 34	18 28	19 0	3 48
M21	23 29	19 54	3 39	19 24	3 14	17 7	4 31	26 31	5 26	8 45	1 16	9 57	2 6	4 1	0 40	22 16	0 34	7 19	11 55	16 3	15 33	18 29	19 0	3 48
T 22	23 27	18 45	4 20	19 41	3 3	17 2	4 35	26 36	5 30	8 41	1 16	9 55	2 6	4 2	0 40	22 16	0 34	7 19	11 55	16 0	15 32	18 29	19 1	3 48
W23	23 25	16 43	4 48	19 59	2 50	16 58	4 40	26 42	5 34	8 38	1 15	9 53	2 6	4 2	0 40	22 16	0 34	7 20	11 54	15 58	15 31	18 30	19 1	3 48
T 24	23 22	13 53	5 4	20 17	2 38	16 55	4 44	26 48	5 38	8 35	1 15	9 51	2 6	4 2	0 40	22 16	0 34	7 20	11 54	15 55	15 30	18 30	19 1	3 48
F 25	23 18	10 23	5 4	20 36	2 25	16 52	4 47	26 54	5 42	8 31	1 15	9 50	2 6	4 2	0 40	22 16	0 34	7 20	11 54	15 52	15 29	18 31	19 2	3 49
S 26	23 15	6 20	4 50	20 55	2 12	16 50	4 50	27 0	5 46	8 28	1 15	9 48	2 6	4 3	0 40	22 16	0 34	7 20	11 53	15 50	15 28	18 32	19 2	3 49
S 27	23 11	1 55	4 19	21 14	1 58	16 49	4 53	27 6	5 49	8 24	1 15	9 46	2 5	4 3	0 40	22 17	0 34	7 20	11 53	15 48	15 27	18 32	19 2	3 49
M28	23 6	2n41	3 35	21 32	1 45	16 49	4 55	27 12	5 53	8 20	1 15	9 44	2 5	4 3	0 40	22 17	0 34	7 20	11 52	15 48	15 26	18 33	19 3	3 49
T 29	23 1	7 14	2 37	21 51	1 31	16 49	4 57	27 18	5 56	8 17	1 15	9 42	2 5	4 4	0 40	22 17	0 34	7 20	11 52	15 47	15 25	18 34	19 3	3 49
W30	22n56	11n30	1n29	22n 9	1s17	16n50	4s58	27s24	6s 0	8n13	1n14	9n40	2n 5	4n 4	0s40	22s17	0n34	7s21	11n52	15s47	15s24	18s34	19n 3	3s50

Julian Day Number = 2089381.5, Delta T = 23m42s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'11, Lahiri = 10°02'11 Julian Calendar 1 June 1008 == Greg. Calendar 7 June 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

JULY 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 58 20	13♋57'53	10♉18	25♊30	8♊11	23°R21	12♍13	10♍25	11♈47	13°R43	23°R54	12°R54	11♏35	29♏21	16♊26	T 1
F 2	19 2 16	14°55'09	24°46	27° 3	8°30	23♑ 6	12°22	10°30	11°47	13♑41	23♏53	12♏54	11°32	29°27	16°31	F 2
S 3	19 6 13	15°52'26	9♊27	28°40	8°51	22°51	12°32	10°35	11°48	13°39	23°52	12°51	11°29	29°34	16°36	S 3
S 4	19 10 9	16°49'45	24°16	0♋20	9°13	22°36	12°42	10°41	11°48	13°38	23°51	12°46	11°25	29°41	16°41	S 4
M 5	19 14 6	17°47'04	9♋ 5	2° 5	9°38	22°20	12°51	10°46	11°48	13°36	23°51	12°39	11°22	29°47	16°46	M 5
T 6	19 18 2	18°44'24	23°46	3°52	10° 4	22° 4	13° 1	10°52	11°49	13°34	23°50	12°30	11°19	29°54	16°51	T 6
W 7	19 21 59	19°41'44	8♌11	5°43	10°31	21°48	13°11	10°57	11°49	13°33	23°49	12°20	11°16	0♐ 0	16°56	W 7
T 8	19 25 56	20°39'05	22°15	7°37	11° 0	21°32	13°21	11° 3	11°49	13°31	23°48	12°10	11°13	0° 7	17° 0	T 8
F 9	19 29 52	21°36'27	5♍53	9°33	11°31	21°16	13°31	11° 8	11°49	13°30	23°48	12° 1	11° 9	0°14	17° 5	F 9
S 10	19 33 49	22°33'50	19° 4	11°32	12° 2	20°59	13°41	11°14	11°49	13°28	23°47	11°55	11° 6	0°20	17°10	S 10
S 11	19 37 45	23°31'13	1♎50	13°32	12°36	20°43	13°51	11°20	11°50	13°26	23°46	11°50	11° 3	0°27	17°15	S 11
M12	19 41 42	24°28'37	14°15	15°34	13°10	20°27	14° 2	11°25	11°R50	13°25	23°46	11°48	11° 0	0°34	17°19	M12
T 13	19 45 38	25°26'01	26°22	17°37	13°46	20°11	14°12	11°31	11°50	13°23	23°45	11°D48	10°57	0°40	17°24	T 13
W14	19 49 35	26°23'26	8♏18	19°41	14°23	19°55	14°23	11°37	11°49	13°22	23°45	11°R48	10°54	0°47	17°28	W14
T 15	19 53 31	27°20'53	20° 7	21°46	15° 1	19°40	14°33	11°43	11°49	13°20	23°44	11°48	10°50	0°54	17°33	T 15
F 16	19 57 28	28°18'19	1♐55	23°51	15°40	19°24	14°44	11°49	11°49	13°19	23°44	11°46	10°47	1° 0	17°37	F 16
S 17	20 1 25	29°15'47	13°47	25°55	16°20	19° 9	14°55	11°55	11°49	13°17	23°43	11°42	10°44	1° 7	17°42	S 17
S 18	20 5 21	0♌13'16	25°46	28° 0	17° 2	18°55	15° 5	12° 1	11°49	13°15	23°43	11°36	10°41	1°14	17°46	S 18
M19	20 9 18	1°10'46	7♑56	0♌ 3	17°44	18°40	15°16	12° 7	11°48	13°14	23°43	11°27	10°38	1°20	17°50	M19
T 20	20 13 14	2° 8'16	20°18	2° 7	18°28	18°26	15°27	12°14	11°48	13°12	23°42	11°16	10°35	1°27	17°55	T 20
W21	20 17 11	3° 5'48	2♒54	4° 9	19°12	18°13	15°38	12°20	11°48	13°11	23°42	11° 3	10°31	1°34	17°59	W21
T 22	20 21 7	4° 3'21	15°44	6°10	19°57	18° 0	15°49	12°26	11°47	13° 9	23°42	10°50	10°28	1°40	18° 3	T 22
F 23	20 25 4	5° 0'56	28°47	8°10	20°43	17°48	16° 1	12°33	11°47	13° 8	23°41	10°39	10°25	1°47	18° 7	F 23
S 24	20 29 0	5°58'31	12♓ 2	10° 9	21°30	17°36	16°12	12°39	11°46	13° 6	23°41	10°29	10°22	1°54	18°12	S 24
S 25	20 32 57	6°56'08	25°27	12° 7	22°18	17°24	16°23	12°45	11°45	13° 5	23°41	10°21	10°19	2° 0	18°16	S 25
M26	20 36 54	7°53'47	9♈ 3	14° 3	23° 6	17°14	16°34	12°52	11°45	13° 4	23°41	10°17	10°15	2° 7	18°20	M26
T 27	20 40 50	8°51'27	22°48	15°58	23°55	17° 4	16°46	12°58	11°44	13° 2	23°41	10°15	10°12	2°14	18°24	T 27
W28	20 44 47	9°49'09	6♉44	17°52	24°45	16°54	16°57	13° 5	11°43	13° 1	23°41	10°15	10° 9	2°20	18°28	W28
T 29	20 48 43	10°46'53	20°48	19°44	25°36	16°45	17° 9	13°12	11°42	12°59	23°41	10°15	10° 6	2°27	18°32	T 29
F 30	20 52 40	11°44'39	5♊ 2	21°35	26°27	16°37	17°20	13°18	11°42	12°58	23°D41	10°13	10° 3	2°34	18°35	F 30
S 31	20 56 36	12♌42'26	19♊23	23♌25	27♊19	16♑30	17♍32	13♍25	11♈41	12♑57	23♏41	10♏10	10♏ 0	2♐40	18♊39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n50	15n12	0n14	22n26	1s 3	16n52	4s59	27s30	6s 3	8n 9	1n14	9n38	2n 5	4n 4	0s40	22s17	0n34	7s21	11n51	15s48	15s23	18s35	19n 3	3s50	
F 2	22 44	18 3	1s 3	22 42	0 50	16 54	5 0	27 35	6 6	8 6	1 14	9 35	2 5	4 4	0 40	22 18	0 34	7 21	11 51	15 47	15 22	18 35	19 4	3 50	
S 3	22 37	19 44	2 17	22 57	0 37	16 56	5 1	27 41	6 9	8 2	1 14	9 33	2 5	4 4	0 40	22 18	0 34	7 21	11 50	15 47	15 21	18 36	19 4	3 50	
S 4	22 30	20 5	3 22	23 10	0 24	17 0	5 1	27 46	6 12	7 58	1 14	9 31	2 5	4 4	0 40	22 18	0 34	7 21	11 50	15 45	15 20	18 37	19 4	3 51	
M 5	22 23	19 2	4 13	23 22	0 11	17 3	5 1	27 51	6 14	7 54	1 14	9 29	2 4	4 5	0 40	22 18	0 34	7 22	11 50	15 43	15 19	18 37	19 4	3 51	
T 6	22 15	16 45	4 47	23 32	0n 2	17 7	5 0	27 56	6 17	7 50	1 13	9 27	2 4	4 5	0 40	22 18	0 34	7 22	11 49	15 40	15 18	18 38	19 5	3 51	
W 7	22 7	13 27	5 2	23 40	0 13	17 12	5 0	28 1	6 19	7 46	1 13	9 25	2 4	4 5	0 40	22 18	0 34	7 22	11 49	15 37	15 17	18 38	19 5	3 51	
T 8	21 58	9 28	4 59	23 45	0 25	17 17	4 59	28 6	6 21	7 42	1 13	9 22	2 4	4 5	0 40	22 19	0 34	7 22	11 48	15 34	15 16	18 39	19 5	3 52	
F 9	21 49	5 6	4 38	23 48	0 35	17 22	4 58	28 10	6 23	7 38	1 13	9 20	2 4	4 5	0 40	22 19	0 34	7 23	11 48	15 31	15 15	18 40	19 5	3 52	
S 10	21 40	0 38	4 2	23 49	0 45	17 27	4 56	28 15	6 25	7 34	1 13	9 18	2 4	4 5	0 40	22 19	0 34	7 23	11 47	15 29	15 14	18 40	19 6	3 52	
S 11	21 30	3s44	3 16	23 47	0 55	17 33	4 55	28 19	6 26	7 30	1 13	9 16	2 4	4 5	0 40	22 19	0 34	7 23	11 47	15 28	15 13	18 41	19 6	3 52	
M12	21 20	7 49	2 21	23 42	1 3	17 39	4 53	28 23	6 27	7 26	1 13	9 13	2 4	4 5	0 40	22 19	0 34	7 23	11 47	15 27	15 12	18 41	19 6	3 53	
T 13	21 10	11 29	1 21	23 35	1 11	17 46	4 51	28 26	6 29	7 22	1 13	9 11	2 4	4 5	0 40	22 19	0 34	7 24	11 46	15 27	15 11	18 42	19 6	3 53	
W14	20 59	14 38	0 19	23 24	1 18	17 52	4 49	28 30	6 29	7 18	1 12	9 9	2 3	4 5	0 41	22 20	0 34	7 24	11 46	15 27	15 10	18 42	19 6	3 53	
T 15	20 48	17 10	0n44	23 11	1 25	17 59	4 46	28 33	6 30	7 13	1 12	9 6	2 3	4 5	0 41	22 20	0 34	7 24	11 45	15 27	15 9	18 43	19 6	3 53	
F 16	20 37	18 57	1 45	22 56	1 30	18 5	4 44	28 36	6 31	7 9	1 12	9 4	2 3	4 5	0 41	22 20	0 34	7 25	11 45	15 27	15 8	18 43	19 6	3 54	
S 17	20 25	19 55	2 41	22 38	1 35	18 12	4 41	28 38	6 31	7 5	1 12	9 1	2 3	4 4	0 41	22 20	0 34	7 25	11 44	15 26	15 7	18 44	19 7	3 54	
S 18	20 13	19 59	3 31	22 17	1 39	18 19	4 38	28 41	6 31	7 1	1 12	8 59	2 3	4 4	0 41	22 20	0 34	7 25	11 44	15 24	15 6	18 45	19 7	3 54	
M19	20 0	19 9	4 11	21 54	1 42	18 26	4 35	28 43	6 31	6 56	1 12	8 56	2 3	4 4	0 41	22 21	0 34	7 26	11 43	15 21	15 5	18 45	19 7	3 55	
T 20	19 47	17 23	4 41	21 29	1 44	18 33	4 32	28 45	6 31	6 52	1 12	8 54	2 3	4 4	0 41	22 21	0 34	7 26	11 43	15 17	15 4	18 46	19 7	3 55	
W21	19 34	14 47	4 58	21 2	1 46	18 39	4 29	28 46	6 31	6 47	1 12	8 52	2 3	4 4	0 41	22 21	0 34	7 26	11 43	15 13	15 3	18 46	19 7	3 55	
T 22	19 21	11 26	4 59	20 33	1 46	18 46	4 25	28 48	6 30	6 43	1 12	8 49	2 3	4 4	0 41	22 21	0 34	7 27	11 42	15 9	15 2	18 47	19 7	3 56	
F 23	19 7	7 29	4 46	20 2	1 47	18 53	4 22	28 49	6 30	6 39	1 11	8 46	2 3	4 3	0 41	22 21	0 34	7 27	11 42	15 6	15 1	18 47	19 7	3 56	
S 24	18 53	3 8	4 17	19 30	1 46	19 0	4 18	28 50	6 29	6 34	1 11	8 44	2 3	4 3	0 41	22 21	0 34	7 28	11 41	15 3	15 0	18 48	19 7	3 56	
S 25	18 38	1n27	3 33	18 56	1 45	19 6	4 15	28 50	6 28	6 30	1 11	8 41	2 2	4 3	0 41	22 22	0 34	7 28	11 41	15 0	14 59	18 48	19 7	3 56	
M26	18 23	6 0	2 37	18 21	1 44	19 13	4 11	28 50	6 27	6 25	1 11	8 39	2 2	4 3	0 41	22 22	0 34	7 28	11 40	14 59	14 58	18 49	19 7	3 57	
T 27	18 8	10 19	1 31	17 45	1 41	19 19	4 7	28 50	6 25	6 20	1 11	8 36	2 2	4 2	0 41	22 22	0 34	7 29	11 40	14 58	14 57	18 49	19 7	3 57	
W28	17 53	14 7	0 19	17 7	1 39	19 25	4 3	28 50	6 24	6 16	1 11	8 34	2 2	4 2	0 41	22 22	0 34	7 29	11 39	14 58	14 56	18 50	19 7	3 57	
T 29	17 37	17 9	0s56	16 29	1 35	19 31	3 59	28 50	6 22	6 11	1 11	8 31	2 2	4 2	0 41	22 22	0 34	7 30	11 39	14 58	14 55	18 50	19 7	3 58	
F 30	17 21	19 10	2 7	15 50	1 32	19 37	3 54	28 49	6 21	6 7	1 11	8 28	2 2	4 1	0 41	22 22	0 34	7 30	11 38	14 58	14 54	18 51	19 7	3 58	
S 31	17n 5	19n58	3s11	15n10	1n28	19n42	3s50	28s48	6s19	6n 2	1n11	8n26	2n 2	4n 1	0s41	22s22	0n34	7s31	11n38	14s57	14s53	18s51	19n 7	3s58	

Julian Day Number = 2089411.5, Delta T = 23m42s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'15, Lahiri = 10°02'15 Julian Calendar 1 July 1008 == Greg. Calendar 7 July 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

AUGUST 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 0 33	13♌40'15	3♋48	25♌13	28♊12	16°R24	17♍44	13♍32	11°R40	12°R55	23♏41	10°R 4	9♏56	2♐47	18♊43	S 1
M 2	21 4 29	14°38'06	18°13	27° 0	29° 5	16♑18	17°56	13°39	11♈39	12♑54	23°41	9♏56	9°53	2°54	18°47	M 2
T 3	21 8 26	15°35'58	2♌32	28°45	29°59	16°13	18° 7	13°45	11°38	12°53	23°41	9°45	9°50	3° 0	18°50	T 3
W 4	21 12 23	16°33'52	16°39	0♍29	0♋53	16° 9	18°19	13°52	11°37	12°51	23°41	9°33	9°47	3° 7	18°54	W 4
T 5	21 16 19	17°31'48	0♍30	2°12	1°48	16° 5	18°31	13°59	11°36	12°50	23°41	9°22	9°44	3°13	18°57	T 5
F 6	21 20 16	18°29'45	13°59	3°53	2°44	16° 3	18°43	14° 6	11°34	12°49	23°42	9°11	9°41	3°20	19° 1	F 6
S 7	21 24 12	19°27'43	27° 5	5°33	3°40	16° 1	18°55	14°13	11°33	12°48	23°42	9° 3	9°37	3°27	19° 4	S 7
S 8	21 28 9	20°25'43	9♎49	7°12	4°36	16° 0	19° 7	14°20	11°32	12°46	23°42	8°58	9°34	3°33	19° 8	S 8
M 9	21 32 5	21°23'44	22°13	8°49	5°33	16°D 0	19°20	14°27	11°31	12°45	23°42	8°55	9°31	3°40	19°11	M 9
T 10	21 36 2	22°21'47	4♏21	10°26	6°31	16° 0	19°32	14°34	11°29	12°44	23°43	8°D54	9°28	3°47	19°14	T 10
W11	21 39 58	23°19'51	16°17	12° 1	7°28	16° 2	19°44	14°41	11°28	12°43	23°43	8°54	9°25	3°53	19°17	W11
T 12	21 43 55	24°17'57	28° 7	13°34	8°27	16° 4	19°56	14°48	11°27	12°42	23°44	8°R54	9°21	4° 0	19°21	T 12
F 13	21 47 52	25°16'04	9♐56	15° 6	9°25	16° 7	20° 9	14°55	11°25	12°41	23°44	8°53	9°18	4° 7	19°24	F 13
S 14	21 51 48	26°14'13	21°50	16°38	10°25	16°11	20°21	15° 2	11°24	12°40	23°45	8°50	9°15	4°13	19°27	S 14
S 15	21 55 45	27°12'23	3♑53	18° 7	11°24	16°16	20°33	15° 9	11°22	12°38	23°45	8°45	9°12	4°20	19°30	S 15
M16	21 59 41	28°10'35	16° 9	19°36	12°24	16°22	20°46	15°17	11°21	12°37	23°46	8°37	9° 9	4°27	19°32	M16
T 17	22 3 38	29° 8'49	28°42	21° 3	13°24	16°28	20°58	15°24	11°19	12°36	23°46	8°27	9° 6	4°33	19°35	T 17
W18	22 7 34	0♍ 7'04	11♒32	22°29	14°25	16°35	21°11	15°31	11°17	12°35	23°47	8°16	9° 2	4°40	19°38	W18
T 19	22 11 31	1° 5'21	24°40	23°54	15°26	16°43	21°23	15°38	11°16	12°35	23°48	8° 4	8°59	4°47	19°41	T 19
F 20	22 15 27	2° 3'40	8♓ 4	25°17	16°27	16°52	21°36	15°46	11°14	12°34	23°48	7°54	8°56	4°53	19°43	F 20
S 21	22 19 24	3° 2'00	21°43	26°39	17°29	17° 1	21°49	15°53	11°12	12°33	23°49	7°45	8°53	5° 0	19°46	S 21
S 22	22 23 20	4° 0'23	5♈33	28° 0	18°31	17°12	22° 1	16° 0	11°10	12°32	23°50	7°39	8°50	5° 7	19°48	S 22
M23	22 27 17	4°58'47	19°30	29°19	19°34	17°22	22°14	16° 7	11° 9	12°31	23°50	7°35	8°46	5°13	19°51	M23
T 24	22 31 14	5°57'14	3♉33	0♎36	20°36	17°34	22°27	16°15	11° 7	12°30	23°51	7°D34	8°43	5°20	19°53	T 24
W25	22 35 10	6°55'43	17°39	1°53	21°40	17°46	22°39	16°22	11° 5	12°29	23°52	7°34	8°40	5°27	19°55	W25
T 26	22 39 7	7°54'14	1♊47	3° 7	22°43	17°59	22°52	16°29	11° 3	12°29	23°53	7°R34	8°37	5°33	19°58	T 26
F 27	22 43 3	8°52'48	15°55	4°20	23°47	18°13	23° 5	16°37	11° 1	12°28	23°54	7°34	8°34	5°40	20° 0	F 27
S 28	22 47 0	9°51'24	0♋ 2	5°31	24°50	18°27	23°18	16°44	10°59	12°27	23°55	7°33	8°31	5°47	20° 2	S 28
S 29	22 50 56	10°50'02	14° 7	6°40	25°55	18°42	23°30	16°52	10°57	12°27	23°56	7°29	8°27	5°53	20° 4	S 29
M30	22 54 53	11°48'42	28° 7	7°47	26°59	18°58	23°43	16°59	10°55	12°26	23°57	7°22	8°24	6° 0	20° 6	M30
T 31	22 58 49	12♍47'25	11♌59	8♎52	28♋ 4	19♑14	23♍56	17♍ 6	10♈53	12♑25	23♏58	7♏14	8♏21	6♐ 7	20♊ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n49	19n28	4s 3	14n29	1n23	19n47	3s46	28s47	6s17	5n57	1n11	8n23	2n 2	4n 0	0s41	22s23	0n34	7s31	11n37	14s55	14s52	18s52	19n 7	3s59
M 2	16 32	17 42	4 40	13 48	1 18	19 52	3 41	28 46	6 15	5 53	1 10	8 20	2 2	4 0	0 41	22 23	0 34	7 32	11 37	14 52	14 51	18 52	19 7	3 59
T 3	16 15	14 51	4 58	13 7	1 13	19 57	3 37	28 44	6 12	5 48	1 10	8 18	2 2	4 0	0 41	22 23	0 34	7 32	11 36	14 49	14 50	18 53	19 7	3 59
W 4	15 57	11 11	4 58	12 25	1 8	20 1	3 32	28 42	6 10	5 43	1 10	8 15	2 2	3 59	0 41	22 23	0 34	7 33	11 36	14 45	14 49	18 53	19 7	4 0
T 5	15 40	6 59	4 41	11 42	1 2	20 5	3 28	28 40	6 8	5 38	1 10	8 12	2 2	3 59	0 41	22 23	0 34	7 33	11 36	14 41	14 48	18 54	19 7	4 0
F 6	15 22	2 31	4 8	11 0	0 56	20 9	3 23	28 38	6 5	5 34	1 10	8 10	2 2	3 58	0 41	22 23	0 34	7 34	11 35	14 38	14 47	18 54	19 7	4 1
S 7	15 4	1s56	3 22	10 17	0 49	20 13	3 18	28 36	6 2	5 29	1 10	8 7	2 2	3 58	0 41	22 23	0 34	7 34	11 35	14 35	14 46	18 55	19 7	4 1
S 8	14 45	6 10	2 28	9 34	0 43	20 16	3 14	28 33	6 0	5 24	1 10	8 4	2 2	3 57	0 41	22 24	0 33	7 35	11 34	14 34	14 45	18 55	19 7	4 1
M 9	14 27	10 3	1 27	8 51	0 36	20 18	3 9	28 30	5 57	5 19	1 10	8 1	2 2	3 57	0 41	22 24	0 33	7 35	11 34	14 33	14 44	18 55	19 7	4 2
T 10	14 8	13 25	0 24	8 8	0 29	20 20	3 4	28 27	5 54	5 14	1 10	7 59	2 2	3 56	0 41	22 24	0 33	7 36	11 33	14 32	14 43	18 56	19 6	4 2
W11	13 49	16 10	0n39	7 25	0 21	20 22	2 59	28 24	5 51	5 9	1 10	7 56	2 2	3 56	0 41	22 24	0 33	7 36	11 33	14 32	14 42	18 56	19 6	4 2
T 12	13 30	18 13	1 40	6 43	0 14	20 24	2 54	28 21	5 48	5 4	1 10	7 53	2 2	3 55	0 41	22 24	0 33	7 37	11 32	14 32	14 41	18 57	19 6	4 3
F 13	13 10	19 28	2 37	6 0	0 6	20 25	2 49	28 18	5 45	4 59	1 10	7 50	2 2	3 54	0 41	22 24	0 33	7 37	11 32	14 32	14 40	18 57	19 6	4 3
S 14	12 50	19 52	3 27	5 17	0s 1	20 25	2 44	28 14	5 42	4 54	1 10	7 47	2 2	3 54	0 41	22 24	0 33	7 38	11 31	14 31	14 39	18 58	19 6	4 4
S 15	12 30	19 22	4 9	4 35	0 9	20 26	2 39	28 10	5 39	4 50	1 10	7 45	2 2	3 53	0 41	22 25	0 33	7 39	11 31	14 29	14 38	18 58	19 6	4 4
M16	12 10	17 57	4 40	3 53	0 17	20 25	2 34	28 6	5 36	4 45	1 9	7 42	2 1	3 53	0 41	22 25	0 33	7 39	11 30	14 27	14 37	18 59	19 6	4 4
T 17	11 50	15 40	4 58	3 11	0 25	20 25	2 29	28 2	5 32	4 40	1 9	7 39	2 1	3 52	0 41	22 25	0 33	7 40	11 30	14 24	14 36	18 59	19 5	4 5
W18	11 29	12 34	5 2	2 29	0 33	20 23	2 24	27 58	5 29	4 35	1 9	7 36	2 1	3 51	0 41	22 25	0 33	7 40	11 29	14 20	14 35	18 59	19 5	4 5
T 19	11 9	8 48	4 50	1 48	0 42	20 22	2 19	27 54	5 26	4 30	1 9	7 33	2 1	3 51	0 41	22 25	0 33	7 41	11 29	14 16	14 34	19 0	19 5	4 5
F 20	10 48	4 32	4 22	1 7	0 50	20 19	2 14	27 49	5 22	4 25	1 9	7 30	2 1	3 50	0 41	22 25	0 33	7 42	11 28	14 13	14 33	19 0	19 5	4 6
S 21	10 27	0n 3	3 39	0 27	0 58	20 17	2 9	27 45	5 19	4 19	1 9	7 28	2 1	3 49	0 41	22 25	0 33	7 42	11 28	14 10	14 32	19 1	19 5	4 6
S 22	10 6	4 41	2 42	0s13	1 7	20 14	2 4	27 40	5 16	4 14	1 9	7 25	2 1	3 49	0 41	22 25	0 33	7 43	11 28	14 8	14 31	19 1	19 4	4 7
M23	9 44	9 8	1 35	0 52	1 15	20 10	1 59	27 35	5 12	4 9	1 9	7 22	2 1	3 48	0 41	22 25	0 33	7 43	11 27	14 7	14 30	19 1	19 4	4 7
T 24	9 23	13 6	0 21	1 31	1 23	20 6	1 54	27 30	5 9	4 4	1 9	7 19	2 1	3 47	0 41	22 26	0 33	7 44	11 27	14 6	14 29	19 2	19 4	4 8
W25	9 1	16 20	0s54	2 9	1 32	20 1	1 49	27 25	5 5	3 59	1 9	7 16	2 1	3 46	0 41	22 26	0 33	7 45	11 26	14 6	14 28	19 2	19 4	4 8
T 26	8 39	18 34	2 6	2 46	1 40	19 56	1 44	27 20	5 2	3 54	1 9	7 13	2 1	3 46	0 42	22 26	0 33	7 45	11 26	14 7	14 27	19 3	19 3	4 8
F 27	8 17	19 40	3 10	3 23	1 48	19 50	1 39	27 15	4 58	3 49	1 9	7 10	2 1	3 45	0 42	22 26	0 33	7 46	11 25	14 7	14 26	19 3	19 3	4 9
S 28	7 55	19 31	4 3	3 59	1 56	19 44	1 34	27 9	4 55	3 44	1 9	7 8	2 2	3 44	0 42	22 26	0 33	7 47	11 25	14 6	14 25	19 3	19 3	4 9
S 29	7 33	18 9	4 41	4 34	2 4	19 37	1 29	27 4	4 51	3 39	1 9	7 5	2 2	3 43	0 42	22 26	0 33	7 47	11 24	14 5	14 24	19 4	19 3	4 10
M30	7 10	15 43	5 2	5 8	2 12	19 30	1 24	26 58	4 48	3 34	1 9	7 2	2 2	3 42	0 42	22 26	0 33	7 48	11 24	14 3	14 23	19 4	19 2	4 10
T 31	6n48	12n24	5s 5	5s41	2s20	19n22	1s19	26s52	4s45	3n28	1n 9	6n59	2n 2	3n42	0s42	22s26	0n33	7s49	11n23	14s 0	14s22	19s 5	19n 2	4s10

Julian Day Number = 2089442.5, Delta T = 23m42s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'19, Lahiri = 10°02'19 Julian Calendar 1 Aug. 1008 == Greg. Calendar 7 Aug. 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

SEPTEMBER 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 2 46	13♍46'10	25♌41	9♎55	29♋ 9	19♑31	24♍ 9	17♍14	10°R51	12°R25	23♏59	7°R 5	8♏18	6♐13	20♊ 9	W 1
T 2	23 6 43	14°44'57	9♍ 9	10°56	0♌14	19°49	24°22	17°21	10♈49	12♑24	24° 0	6♏56	8°15	6°20	20°11	T 2
F 3	23 10 39	15°43'45	22°20	11°54	1°20	20° 7	24°35	17°29	10°47	12°24	24° 1	6°48	8°12	6°27	20°13	F 3
S 4	23 14 36	16°42'36	5♎13	12°49	2°26	20°26	24°48	17°36	10°44	12°23	24° 2	6°42	8° 8	6°33	20°14	S 4
S 5	23 18 32	17°41'29	17°49	13°41	3°32	20°45	25° 1	17°43	10°42	12°23	24° 4	6°38	8° 5	6°40	20°16	S 5
M 6	23 22 29	18°40'24	0♏ 8	14°30	4°38	21° 5	25°14	17°51	10°40	12°22	24° 5	6°36	8° 2	6°47	20°17	M 6
T 7	23 26 25	19°39'20	12°13	15°15	5°44	21°25	25°27	17°58	10°38	12°22	24° 6	6°D36	7°59	6°53	20°18	T 7
W 8	23 30 22	20°38'19	24° 8	15°57	6°51	21°47	25°40	18° 6	10°36	12°22	24° 7	6°37	7°56	7° 0	20°20	W 8
T 9	23 34 18	21°37'19	5♐58	16°35	7°58	22° 8	25°53	18°13	10°33	12°21	24° 9	6°38	7°52	7° 7	20°21	T 9
F 10	23 38 15	22°36'22	17°47	17° 8	9° 5	22°30	26° 6	18°20	10°31	12°21	24°10	6°R39	7°49	7°13	20°22	F 10
S 11	23 42 12	23°35'26	29°41	17°36	10°12	22°53	26°19	18°28	10°29	12°21	24°11	6°39	7°46	7°20	20°23	S 11
S 12	23 46 8	24°34'32	11♑45	17°59	11°19	23°16	26°32	18°35	10°26	12°20	24°13	6°37	7°43	7°27	20°24	S 12
M13	23 50 5	25°33'39	24° 3	18°16	12°27	23°39	26°45	18°43	10°24	12°20	24°14	6°34	7°40	7°33	20°25	M13
T 14	23 54 1	26°32'49	6♒39	18°27	13°35	24° 3	26°58	18°50	10°22	12°20	24°16	6°29	7°37	7°40	20°25	T 14
W15	23 57 58	27°32'00	19°37	18°R32	14°43	24°28	27°11	18°57	10°19	12°20	24°17	6°23	7°33	7°47	20°26	W15
T 16	0 1 54	28°31'13	2♓56	18°29	15°51	24°53	27°24	19° 5	10°17	12°20	24°19	6°16	7°30	7°53	20°27	T 16
F 17	0 5 51	29°30'29	16°38	18°19	17° 0	25°18	27°37	19°12	10°15	12°20	24°20	6°10	7°27	8° 0	20°27	F 17
S 18	0 9 47	0♎29'46	0♈38	18° 1	18° 8	25°44	27°50	19°19	10°12	12°20	24°22	6° 6	7°24	8° 7	20°28	S 18
S 19	0 13 44	1°29'05	14°53	17°35	19°17	26°10	28° 3	19°27	10°10	12°D20	24°23	6° 2	7°21	8°13	20°28	S 19
M20	0 17 40	2°28'27	29°17	17° 1	20°26	26°37	28°16	19°34	10° 7	12°20	24°25	6°D 1	7°17	8°20	20°28	M20
T 21	0 21 37	3°27'50	13♉46	16°18	21°35	27° 4	28°29	19°41	10° 5	12°20	24°26	6° 1	7°14	8°27	20°29	T 21
W22	0 25 34	4°27'17	28°14	15°28	22°44	27°31	28°42	19°48	10° 2	12°20	24°28	6° 2	7°11	8°33	20°29	W22
T 23	0 29 30	5°26'45	12♊37	14°31	23°54	27°59	28°55	19°56	10° 0	12°20	24°30	6° 3	7° 8	8°40	20°R29	T 23
F 24	0 33 27	6°26'16	26°52	13°27	25° 3	28°27	29° 8	20° 3	9°58	12°20	24°32	6° 4	7° 5	8°47	20°29	F 24
S 25	0 37 23	7°25'49	10♋57	12°18	26°13	28°56	29°21	20°10	9°55	12°20	24°33	6°R 5	7° 2	8°53	20°29	S 25
S 26	0 41 20	8°25'25	24°51	11° 6	27°23	29°24	29°34	20°17	9°53	12°21	24°35	6° 4	6°58	9° 0	20°29	S 26
M27	0 45 16	9°25'03	8♌33	9°52	28°33	29°54	29°47	20°24	9°50	12°21	24°37	6° 2	6°55	9° 7	20°28	M27
T 28	0 49 13	10°24'43	22° 2	8°39	29°43	0♒23	29°59	20°32	9°48	12°21	24°39	5°58	6°52	9°13	20°28	T 28
W29	0 53 9	11°24'26	5♍18	7°28	0♍54	0°53	0♎13	20°39	9°45	12°22	24°40	5°54	6°49	9°20	20°28	W29
T 30	0 57 6	12♎24'10	18♍21	6♎22	2♍ 4	1♒23	0♎26	20♍46	9♈43	12♑22	24♏42	5♏51	6♏46	9♐27	20♊27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n25	8n28	4s50	6s13	2s28	19n13	1s14	26s46	4s41	3n23	1n 9	6n56	2n 2	3n41	0s42	22s26	0n33	7s49	11n23	13s57	14s21	19s 5	19n 2	4s11
T 2	6 2	4 11	4 19	6 43	2 35	19 5	1 9	26 40	4 38	3 18	1 9	6 53	2 2	3 40	0 42	22 26	0 33	7 50	11 23	13 54	14 20	19 5	19 1	4 11
F 3	5 39	0s14	3 35	7 13	2 42	18 55	1 5	26 34	4 34	3 13	1 9	6 50	2 2	3 39	0 42	22 26	0 33	7 51	11 22	13 51	14 19	19 6	19 1	4 12
S 4	5 16	4 33	2 41	7 41	2 49	18 45	1 0	26 28	4 31	3 8	1 9	6 47	2 2	3 38	0 42	22 26	0 33	7 51	11 22	13 49	14 18	19 6	19 1	4 12
S 5	4 53	8 34	1 40	8 8	2 56	18 35	0 55	26 21	4 27	3 3	1 9	6 45	2 2	3 37	0 42	22 27	0 33	7 52	11 21	13 48	14 17	19 6	19 0	4 13
M 6	4 30	12 7	0 35	8 33	3 2	18 24	0 50	26 15	4 24	2 57	1 9	6 42	2 2	3 36	0 42	22 27	0 33	7 53	11 21	13 47	14 16	19 7	19 0	4 13
T 7	4 7	15 6	0n30	8 56	3 8	18 12	0 46	26 8	4 20	2 52	1 9	6 39	2 2	3 35	0 42	22 27	0 33	7 54	11 20	13 47	14 15	19 7	19 0	4 13
W 8	3 44	17 24	1 34	9 17	3 14	18 0	0 41	26 1	4 17	2 47	1 9	6 36	2 2	3 35	0 42	22 27	0 33	7 54	11 20	13 48	14 14	19 7	18 59	4 14
T 9	3 20	18 55	2 32	9 36	3 19	17 47	0 36	25 54	4 14	2 42	1 9	6 33	2 2	3 34	0 42	22 27	0 33	7 55	11 20	13 48	14 13	19 8	18 59	4 14
F 10	2 57	19 36	3 25	9 53	3 23	17 34	0 32	25 47	4 10	2 37	1 9	6 30	2 2	3 33	0 42	22 27	0 33	7 56	11 19	13 49	14 11	19 8	18 59	4 15
S 11	2 33	19 25	4 9	10 8	3 27	17 21	0 27	25 40	4 7	2 31	1 9	6 27	2 2	3 32	0 42	22 27	0 33	7 56	11 19	13 48	14 10	19 8	18 58	4 15
S 12	2 10	18 22	4 42	10 20	3 30	17 7	0 23	25 33	4 3	2 26	1 9	6 25	2 2	3 31	0 42	22 27	0 33	7 57	11 18	13 48	14 9	19 9	18 58	4 16
M13	1 46	16 26	5 3	10 28	3 33	16 52	0 18	25 25	4 0	2 21	1 9	6 22	2 2	3 30	0 42	22 27	0 33	7 58	11 18	13 47	14 8	19 9	18 58	4 16
T 14	1 23	13 42	5 11	10 34	3 34	16 37	0 14	25 18	3 57	2 16	1 9	6 19	2 2	3 29	0 42	22 27	0 32	7 59	11 17	13 45	14 7	19 9	18 57	4 17
W15	0 59	10 14	5 2	10 36	3 34	16 21	0 10	25 10	3 54	2 11	1 9	6 16	2 2	3 28	0 42	22 27	0 32	7 59	11 17	13 43	14 6	19 10	18 57	4 17
T 16	0 35	6 9	4 38	10 34	3 34	16 5	0 5	25 2	3 50	2 6	1 9	6 13	2 2	3 27	0 42	22 27	0 32	8 0	11 17	13 41	14 5	19 10	18 56	4 17
F 17	0 12	1 40	3 57	10 28	3 32	15 49	0 1	24 54	3 47	2 0	1 9	6 10	2 2	3 26	0 42	22 27	0 32	8 1	11 16	13 39	14 4	19 10	18 56	4 18
S 18	0s12	3n 1	3 1	10 18	3 28	15 31	0n 3	24 46	3 44	1 55	1 9	6 7	2 2	3 25	0 42	22 27	0 32	8 1	11 16	13 37	14 3	19 11	18 56	4 18
S 19	0 36	7 38	1 53	10 3	3 23	15 14	0 7	24 38	3 41	1 50	1 9	6 5	2 3	3 24	0 42	22 27	0 32	8 2	11 16	13 36	14 2	19 11	18 55	4 19
M20	0 59	11 51	0 37	9 44	3 16	14 56	0 11	24 30	3 37	1 45	1 9	6 2	2 3	3 23	0 42	22 27	0 32	8 3	11 15	13 36	14 1	19 11	18 55	4 19
T 21	1 23	15 23	0s42	9 20	3 8	14 37	0 15	24 21	3 34	1 40	1 9	5 59	2 3	3 22	0 42	22 27	0 32	8 4	11 15	13 36	14 0	19 11	18 54	4 20
W22	1 47	17 56	1 59	8 50	2 57	14 19	0 19	24 13	3 31	1 34	1 9	5 56	2 3	3 22	0 42	22 27	0 32	8 4	11 14	13 36	13 59	19 12	18 54	4 20
T 23	2 10	19 20	3 7	8 17	2 45	13 59	0 23	24 4	3 28	1 29	1 9	5 54	2 3	3 21	0 42	22 27	0 32	8 5	11 14	13 37	13 58	19 12	18 53	4 21
F 24	2 34	19 28	4 4	7 39	2 31	13 39	0 27	23 55	3 25	1 24	1 9	5 51	2 3	3 20	0 42	22 27	0 32	8 6	11 14	13 37	13 57	19 12	18 53	4 21
S 25	2 58	18 23	4 44	6 57	2 15	13 19	0 30	23 46	3 22	1 19	1 9	5 48	2 3	3 19	0 42	22 27	0 32	8 7	11 13	13 37	13 56	19 13	18 52	4 22
S 26	3 21	16 13	5 8	6 12	1 57	12 59	0 34	23 37	3 19	1 14	1 9	5 45	2 3	3 18	0 42	22 27	0 32	8 7	11 13	13 37	13 55	19 13	18 52	4 22
M27	3 45	13 10	5 14	5 26	1 38	12 38	0 38	23 28	3 16	1 9	1 9	5 42	2 3	3 17	0 42	22 27	0 32	8 8	11 13	13 36	13 54	19 13	18 52	4 22
T 28	4 9	9 29	5 2	4 39	1 18	12 16	0 41	23 19	3 13	1 3	1 9	5 40	2 3	3 16	0 42	22 27	0 32	8 9	11 12	13 35	13 53	19 13	18 51	4 23
W29	4 32	5 22	4 34	3 52	0 58	11 54	0 44	23 9	3 10	0 58	1 9	5 37	2 4	3 15	0 42	22 27	0 32	8 10	11 12	13 34	13 52	19 14	18 51	4 23
T 30	4s56	1n 4	3s52	3s 7	0s37	11n32	0n48	23s 0	3s 7	0n53	1n 9	5n34	2n 4	3n14	0s42	22s27	0n32	8s10	11n12	13s32	13s51	19s14	18n50	4s24

Julian Day Number = 2089473.5, Delta T = 23m41s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'23, Lahiri = 10°02'24 Julian Calendar 1 Sept. 1008 == Greg. Calendar 7 Sept. 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

OCTOBER 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 1 3	13♎23'57	1♎10	5°R23	3♍15	1♒53	0♎38	20♍53	9°R40	12♑22	24♏44	5°R47	6♏43	9♐33	20°R26	F 1
S 2	1 4 59	14°23'46	13°45	4♎32	4°25	2°24	0°51	21° 0	9♈38	12°23	24°46	5♏45	6°39	9°40	20♊26	S 2
S 3	1 8 56	15°23'37	26° 7	3°52	5°36	2°55	1° 4	21° 7	9°36	12°23	24°48	5°43	6°36	9°47	20°25	S 3
M 4	1 12 52	16°23'30	8♏18	3°21	6°47	3°27	1°17	21°14	9°33	12°24	24°50	5°D43	6°33	9°53	20°24	M 4
T 5	1 16 49	17°23'25	20°18	3° 3	7°58	3°58	1°30	21°21	9°31	12°24	24°52	5°44	6°30	10° 0	20°23	T 5
W 6	1 20 45	18°23'21	2♐11	2°D55	9°10	4°30	1°43	21°28	9°28	12°25	24°54	5°45	6°27	10° 7	20°22	W 6
T 7	1 24 42	19°23'20	14° 0	2°59	10°21	5° 2	1°55	21°34	9°26	12°25	24°56	5°46	6°23	10°13	20°21	T 7
F 8	1 28 38	20°23'20	25°48	3°14	11°32	5°35	2° 8	21°41	9°23	12°26	24°58	5°48	6°20	10°20	20°20	F 8
S 9	1 32 35	21°23'22	7♑41	3°39	12°44	6° 7	2°21	21°48	9°21	12°27	25° 0	5°49	6°17	10°27	20°19	S 9
S 10	1 36 32	22°23'26	19°43	4°13	13°56	6°40	2°33	21°55	9°19	12°27	25° 2	5°R49	6°14	10°33	20°18	S 10
M11	1 40 28	23°23'31	1♒58	4°56	15° 7	7°13	2°46	22° 1	9°16	12°28	25° 4	5°49	6°11	10°40	20°16	M11
T 12	1 44 25	24°23'38	14°31	5°47	16°19	7°47	2°59	22° 8	9°14	12°29	25° 6	5°48	6° 8	10°47	20°15	T 12
W13	1 48 21	25°23'46	27°27	6°45	17°31	8°21	3°11	22°15	9°12	12°30	25° 8	5°47	6° 4	10°53	20°13	W13
T 14	1 52 18	26°23'56	10♓47	7°49	18°43	8°54	3°24	22°21	9° 9	12°31	25°10	5°46	6° 1	11° 0	20°12	T 14
F 15	1 56 14	27°24'08	24°33	8°58	19°56	9°28	3°36	22°28	9° 7	12°31	25°12	5°45	5°58	11° 7	20°10	F 15
S 16	2 0 11	28°24'21	8♈44	10°12	21° 8	10° 3	3°49	22°34	9° 5	12°32	25°14	5°44	5°55	11°13	20° 8	S 16
S 17	2 4 7	29°24'36	23°15	11°29	22°20	10°37	4° 1	22°41	9° 2	12°33	25°17	5°44	5°52	11°20	20° 7	S 17
M18	2 8 4	0♏24'53	8♉ 3	12°50	23°33	11°12	4°13	22°47	9° 0	12°34	25°19	5°D44	5°48	11°27	20° 5	M18
T 19	2 12 0	1°25'12	22°58	14°14	24°45	11°46	4°26	22°54	8°58	12°35	25°21	5°44	5°45	11°33	20° 3	T 19
W20	2 15 57	2°25'32	7♊53	15°40	25°58	12°21	4°38	23° 0	8°56	12°36	25°23	5°44	5°42	11°40	20° 1	W20
T 21	2 19 54	3°25'55	22°40	17° 8	27°11	12°57	4°50	23° 6	8°54	12°37	25°25	5°44	5°39	11°47	19°59	T 21
F 22	2 23 50	4°26'20	7♋14	18°37	28°23	13°32	5° 2	23°12	8°52	12°38	25°27	5°44	5°36	11°53	19°56	F 22
S 23	2 27 47	5°26'46	21°30	20° 8	29°36	14° 7	5°14	23°18	8°49	12°39	25°30	5°44	5°33	12° 0	19°54	S 23
S 24	2 31 43	6°27'14	5♌25	21°40	0♎49	14°43	5°26	23°25	8°47	12°41	25°32	5°44	5°29	12° 7	19°52	S 24
M25	2 35 40	7°27'45	19° 1	23°13	2° 2	15°19	5°39	23°31	8°45	12°42	25°34	5°45	5°26	12°13	19°50	M25
T 26	2 39 36	8°28'17	2♍16	24°46	3°16	15°55	5°50	23°37	8°43	12°43	25°36	5°45	5°23	12°20	19°47	T 26
W27	2 43 33	9°28'51	15°14	26°20	4°29	16°31	6° 2	23°42	8°41	12°44	25°39	5°45	5°20	12°27	19°45	W27
T 28	2 47 29	10°29'27	27°57	27°54	5°42	17° 7	6°14	23°48	8°39	12°46	25°41	5°46	5°17	12°33	19°42	T 28
F 29	2 51 26	11°30'04	10♎26	29°29	6°55	17°44	6°26	23°54	8°37	12°47	25°43	5°46	5°14	12°40	19°40	F 29
S 30	2 55 23	12°30'43	22°43	1♏ 4	8° 9	18°20	6°38	24° 0	8°35	12°48	25°46	5°47	5°10	12°47	19°37	S 30
S 31	2 59 19	13♏31'24	4♏51	2♏39	9♎22	18♒57	6♎50	24♍ 6	8♈33	12♑49	25♏48	5°R47	5♏ 7	12♐53	19♊34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s19	3s12	2s59	2s24	0s17	11n10	0n51	22s50	3s 4	0n48	1n 9	5n32	2n 4	3n13	0s42	22s27	0n32	8s11	11n11	13s31	13s50	19s14	18n50	4s24
S 2	5 42	7 16	1 58	1 46	0n 3	10 47	0 54	22 40	3 1	0 43	1 9	5 29	2 4	3 12	0 42	22 27	0 32	8 12	11 11	13 30	13 49	19 14	18 49	4 25
S 3	6 6	10 57	0 53	1 12	0 22	10 23	0 57	22 30	2 58	0 38	1 9	5 26	2 4	3 11	0 42	22 27	0 32	8 13	11 11	13 30	13 47	19 15	18 49	4 25
M 4	6 29	14 7	0n14	0 44	0 40	10 0	1 0	22 20	2 55	0 33	1 9	5 24	2 4	3 10	0 42	22 27	0 32	8 13	11 10	13 30	13 46	19 15	18 48	4 26
T 5	6 52	16 38	1 20	0 22	0 56	9 36	1 3	22 9	2 52	0 28	1 9	5 21	2 4	3 9	0 42	22 27	0 32	8 14	11 10	13 30	13 45	19 15	18 48	4 26
W 6	7 15	18 24	2 21	0 5	1 11	9 12	1 6	21 59	2 50	0 23	1 9	5 18	2 4	3 8	0 42	22 27	0 32	8 15	11 10	13 30	13 44	19 15	18 47	4 26
T 7	7 38	19 21	3 16	0n 5	1 24	8 47	1 9	21 48	2 47	0 18	1 10	5 16	2 4	3 7	0 42	22 27	0 32	8 16	11 9	13 31	13 43	19 16	18 47	4 27
F 8	8 0	19 27	4 3	0 9	1 35	8 22	1 11	21 37	2 44	0 13	1 10	5 13	2 5	3 6	0 42	22 27	0 32	8 16	11 9	13 31	13 42	19 16	18 46	4 27
S 9	8 23	18 41	4 40	0 8	1 44	7 57	1 14	21 27	2 41	0 8	1 10	5 11	2 5	3 5	0 42	22 27	0 32	8 17	11 9	13 32	13 41	19 16	18 46	4 28
S 10	8 46	17 5	5 5	0 2	1 52	7 32	1 17	21 16	2 39	0 3	1 10	5 8	2 5	3 4	0 42	22 27	0 32	8 18	11 9	13 32	13 40	19 16	18 45	4 28
M11	9 8	14 41	5 16	0s 9	1 59	7 6	1 19	21 4	2 36	0s 2	1 10	5 6	2 5	3 3	0 42	22 27	0 32	8 19	11 8	13 32	13 39	19 16	18 45	4 29
T 12	9 30	11 34	5 14	0 25	2 4	6 40	1 21	20 53	2 33	0 7	1 10	5 3	2 5	3 3	0 42	22 27	0 32	8 19	11 8	13 32	13 38	19 17	18 44	4 29
W13	9 52	7 48	4 55	0 45	2 7	6 14	1 24	20 42	2 31	0 12	1 10	5 1	2 5	3 2	0 42	22 27	0 32	8 20	11 8	13 31	13 37	19 17	18 44	4 29
T 14	10 14	3 33	4 20	1 8	2 10	5 48	1 26	20 30	2 28	0 17	1 10	4 58	2 5	3 1	0 42	22 27	0 32	8 21	11 7	13 31	13 36	19 17	18 43	4 30
F 15	10 36	1n 2	3 29	1 34	2 11	5 21	1 28	20 19	2 25	0 22	1 10	4 56	2 6	3 0	0 41	22 27	0 32	8 22	11 7	13 30	13 35	19 17	18 42	4 30
S 16	10 58	5 41	2 25	2 3	2 11	4 54	1 30	20 7	2 23	0 27	1 10	4 53	2 6	2 59	0 41	22 27	0 32	8 22	11 7	13 30	13 34	19 17	18 42	4 31
S 17	11 19	10 9	1 9	2 34	2 11	4 27	1 32	19 55	2 20	0 32	1 10	4 51	2 6	2 58	0 41	22 27	0 32	8 23	11 7	13 30	13 33	19 18	18 41	4 31
M18	11 41	14 4	0s13	3 7	2 9	4 0	1 33	19 43	2 18	0 37	1 10	4 48	2 6	2 57	0 41	22 27	0 31	8 24	11 6	13 30	13 32	19 18	18 41	4 31
T 19	12 2	17 5	1 34	3 41	2 7	3 33	1 35	19 31	2 15	0 42	1 10	4 46	2 6	2 56	0 41	22 27	0 31	8 24	11 6	13 30	13 31	19 18	18 40	4 32
W20	12 23	18 57	2 49	4 17	2 4	3 5	1 37	19 18	2 13	0 46	1 10	4 44	2 6	2 55	0 41	22 27	0 31	8 25	11 6	13 30	13 30	19 18	18 40	4 32
T 21	12 43	19 29	3 53	4 54	2 1	2 38	1 38	19 6	2 10	0 51	1 11	4 41	2 7	2 55	0 41	22 27	0 31	8 26	11 6	13 30	13 28	19 18	18 39	4 33
F 22	13 4	18 43	4 40	5 32	1 57	2 10	1 40	18 53	2 8	0 56	1 11	4 39	2 7	2 54	0 41	22 26	0 31	8 27	11 6	13 30	13 27	19 19	18 39	4 33
S 23	13 24	16 46	5 8	6 11	1 52	1 42	1 41	18 41	2 6	1 1	1 11	4 37	2 7	2 53	0 41	22 26	0 31	8 27	11 5	13 30	13 26	19 19	18 38	4 33
S 24	13 45	13 52	5 18	6 50	1 48	1 14	1 42	18 28	2 3	1 5	1 11	4 34	2 7	2 52	0 41	22 26	0 31	8 28	11 5	13 30	13 25	19 19	18 38	4 34
M25	14 4	10 18	5 9	7 29	1 42	0 46	1 43	18 15	2 1	1 10	1 11	4 32	2 7	2 51	0 41	22 26	0 31	8 29	11 5	13 30	13 24	19 19	18 37	4 34
T 26	14 24	6 17	4 45	8 8	1 37	0 18	1 44	18 2	1 59	1 15	1 11	4 30	2 7	2 51	0 41	22 26	0 31	8 29	11 5	13 30	13 23	19 19	18 36	4 35
W27	14 44	2 4	4 6	8 48	1 31	0s11	1 45	17 49	1 56	1 19	1 11	4 28	2 8	2 50	0 41	22 26	0 31	8 30	11 5	13 30	13 22	19 19	18 36	4 35
T 28	15 3	2s10	3 15	9 28	1 25	0 39	1 46	17 36	1 54	1 24	1 11	4 26	2 8	2 49	0 41	22 26	0 31	8 31	11 4	13 31	13 21	19 20	18 35	4 35
F 29	15 22	6 14	2 16	10 7	1 19	1 8	1 47	17 22	1 52	1 29	1 11	4 24	2 8	2 48	0 41	22 26	0 31	8 31	11 4	13 31	13 20	19 20	18 35	4 36
S 30	15 40	10 0	1 12	10 46	1 13	1 36	1 48	17 9	1 49	1 33	1 11	4 21	2 8	2 48	0 41	22 26	0 31	8 32	11 4	13 31	13 19	19 20	18 34	4 36
S 31	15s59	13s17	0s 5	11s25	1n 6	2s 4	1n48	16s55	1s47	1s38	1n12	4n19	2n 8	2n47	0s41	22s26	0n31	8s33	11n 4	13s31	13s18	19s20	18n34	4s36

Julian Day Number = 2089503.5, Delta T = 23m41s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'27, Lahiri = 10°02'28 Julian Calendar 1 Oct. 1008 == Greg. Calendar 7 Oct. 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

NOVEMBER 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 3 16	14♏32'07	16♏51	4♏14	10♎36	19♒34	7♎ 1	24♍11	8°R32	12♑51	25♏50	5°R47	5♏ 4	13♐ 0	19°R31	M 1
T 2	3 7 12	15°32'50	28°45	5°49	11°50	20°11	7°13	24°17	8♈30	12°52	25°52	5♏46	5° 1	13° 7	19♊28	T 2
W 3	3 11 9	16°33'35	10♐36	7°24	13° 3	20°48	7°24	24°22	8°28	12°54	25°55	5°45	4°58	13°13	19°26	W 3
T 4	3 15 5	17°34'22	22°24	8°59	14°17	21°25	7°36	24°28	8°26	12°55	25°57	5°43	4°54	13°20	19°23	T 4
F 5	3 19 2	18°35'10	4♑14	10°34	15°31	22° 3	7°47	24°33	8°24	12°57	25°59	5°41	4°51	13°27	19°20	F 5
S 6	3 22 58	19°35'58	16° 7	12° 9	16°45	22°40	7°58	24°38	8°23	12°58	26° 2	5°39	4°48	13°33	19°17	S 6
S 7	3 26 55	20°36'48	28° 8	13°44	17°59	23°18	8° 9	24°43	8°21	13° 0	26° 4	5°37	4°45	13°40	19°13	S 7
M 8	3 30 52	21°37'39	10♒20	15°18	19°12	23°55	8°21	24°49	8°20	13° 1	26° 6	5°36	4°42	13°47	19°10	M 8
T 9	3 34 48	22°38'31	22°48	16°53	20°26	24°33	8°32	24°54	8°18	13° 3	26° 9	5°D36	4°39	13°53	19° 7	T 9
W10	3 38 45	23°39'23	5♓36	18°27	21°40	25°11	8°43	24°59	8°16	13° 4	26°11	5°36	4°35	14° 0	19° 4	W10
T 11	3 42 41	24°40'17	18°48	20° 2	22°55	25°49	8°53	25° 4	8°15	13° 6	26°13	5°37	4°32	14° 7	19° 0	T 11
F 12	3 46 38	25°41'11	2♈26	21°36	24° 9	26°27	9° 4	25° 8	8°14	13° 8	26°16	5°39	4°29	14°13	18°57	F 12
S 13	3 50 34	26°42'06	16°32	23°11	25°23	27° 5	9°15	25°13	8°12	13° 9	26°18	5°40	4°26	14°20	18°54	S 13
S 14	3 54 31	27°43'02	1♉ 5	24°45	26°37	27°44	9°26	25°18	8°11	13°11	26°20	5°R41	4°23	14°27	18°50	S 14
M15	3 58 27	28°43'59	15°59	26°19	27°51	28°22	9°36	25°22	8° 9	13°13	26°23	5°40	4°20	14°33	18°47	M15
T 16	4 2 24	29°44'57	1♊ 9	27°53	29° 6	29° 0	9°47	25°27	8° 8	13°15	26°25	5°39	4°16	14°40	18°43	T 16
W17	4 6 21	0♐45'56	16°24	29°28	0♏20	29°39	9°57	25°31	8° 7	13°16	26°28	5°36	4°13	14°47	18°40	W17
T 18	4 10 17	1°46'56	1♋34	1♐ 2	1°34	0♓18	10° 7	25°36	8° 6	13°18	26°30	5°33	4°10	14°54	18°36	T 18
F 19	4 14 14	2°47'57	16°30	2°36	2°49	0°56	10°18	25°40	8° 5	13°20	26°32	5°29	4° 7	15° 0	18°33	F 19
S 20	4 18 10	3°48'59	1♌ 4	4°11	4° 3	1°35	10°28	25°44	8° 4	13°22	26°35	5°25	4° 4	15° 7	18°29	S 20
S 21	4 22 7	4°50'02	15°13	5°45	5°18	2°14	10°38	25°48	8° 3	13°24	26°37	5°22	4° 0	15°14	18°26	S 21
M22	4 26 3	5°51'07	28°53	7°19	6°32	2°53	10°48	25°52	8° 2	13°26	26°39	5°21	3°57	15°20	18°22	M22
T 23	4 30 0	6°52'12	12♍ 8	8°54	7°47	3°32	10°57	25°56	8° 1	13°28	26°41	5°D21	3°54	15°27	18°18	T 23
W24	4 33 56	7°53'18	24°59	10°29	9° 1	4°10	11° 7	26° 0	8° 0	13°29	26°44	5°22	3°51	15°34	18°14	W24
T 25	4 37 53	8°54'25	7♎31	12° 4	10°16	4°50	11°17	26° 4	7°59	13°31	26°46	5°24	3°48	15°40	18°11	T 25
F 26	4 41 50	9°55'33	19°47	13°38	11°30	5°29	11°26	26° 8	7°58	13°33	26°48	5°25	3°45	15°47	18° 7	F 26
S 27	4 45 46	10°56'42	1♏52	15°14	12°45	6° 8	11°36	26°11	7°57	13°35	26°51	5°R26	3°41	15°54	18° 3	S 27
S 28	4 49 43	11°57'52	13°49	16°49	14° 0	6°47	11°45	26°15	7°57	13°37	26°53	5°26	3°38	16° 0	17°59	S 28
M29	4 53 39	12°59'02	25°41	18°24	15°15	7°26	11°54	26°18	7°56	13°39	26°55	5°24	3°35	16° 7	17°56	M29
T 30	4 57 36	14♐ 0'13	7♐30	20♐ 0	16♏29	8♓ 6	12♎ 3	26♍21	7♈55	13♑41	26♏58	5♏20	3♏32	16♐14	17♊52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s17	15s59	1n 1	12s 4	1n 0	2s33	1n49	16s41	1s45	1s42	1n12	4n17	2n 9	2n46	0s41	22s26	0n31	8s33	11n 4	13s31	13s17	19s20	18n33	4s37
T 2	16 35	17 58	2 4	12 42	0 53	3 1	1 49	16 27	1 43	1 47	1 12	4 15	2 9	2 45	0 41	22 25	0 31	8 34	11 4	13 31	13 16	19 20	18 33	4 37
W 3	16 53	19 10	3 1	13 19	0 46	3 30	1 50	16 14	1 41	1 51	1 12	4 13	2 9	2 45	0 41	22 25	0 31	8 35	11 3	13 30	13 15	19 20	18 32	4 37
T 4	17 10	19 30	3 51	13 57	0 40	3 58	1 50	15 59	1 39	1 56	1 12	4 11	2 9	2 44	0 41	22 25	0 31	8 35	11 3	13 30	13 14	19 20	18 32	4 38
F 5	17 27	19 0	4 30	14 33	0 33	4 27	1 50	15 45	1 36	2 0	1 12	4 9	2 9	2 43	0 41	22 25	0 31	8 36	11 3	13 29	13 12	19 21	18 31	4 38
S 6	17 44	17 39	4 58	15 9	0 26	4 55	1 50	15 31	1 34	2 4	1 12	4 7	2 10	2 43	0 41	22 25	0 31	8 37	11 3	13 28	13 11	19 21	18 30	4 38
S 7	18 0	15 31	5 14	15 44	0 19	5 23	1 50	15 17	1 32	2 9	1 12	4 6	2 10	2 42	0 41	22 25	0 31	8 37	11 3	13 28	13 10	19 21	18 30	4 39
M 8	18 16	12 41	5 15	16 19	0 12	5 52	1 50	15 2	1 30	2 13	1 13	4 4	2 10	2 42	0 41	22 25	0 31	8 38	11 3	13 27	13 9	19 21	18 29	4 39
T 9	18 32	9 13	5 2	16 53	0 5	6 20	1 50	14 47	1 28	2 17	1 13	4 2	2 10	2 41	0 41	22 25	0 31	8 39	11 3	13 27	13 8	19 21	18 29	4 39
W10	18 47	5 15	4 34	17 26	0s 1	6 48	1 50	14 33	1 26	2 21	1 13	4 0	2 11	2 40	0 41	22 24	0 31	8 39	11 3	13 27	13 7	19 21	18 28	4 39
T 11	19 2	0 55	3 51	17 58	0 8	7 16	1 49	14 18	1 24	2 26	1 13	3 58	2 11	2 40	0 41	22 24	0 31	8 40	11 2	13 28	13 6	19 21	18 28	4 40
F 12	19 17	3n38	2 53	18 30	0 15	7 43	1 49	14 3	1 22	2 30	1 13	3 57	2 11	2 39	0 41	22 24	0 31	8 40	11 2	13 28	13 5	19 21	18 27	4 40
S 13	19 31	8 8	1 44	19 0	0 21	8 11	1 48	13 48	1 20	2 34	1 13	3 55	2 11	2 39	0 41	22 24	0 31	8 41	11 2	13 29	13 4	19 21	18 27	4 40
S 14	19 45	12 18	0 25	19 30	0 28	8 39	1 48	13 33	1 18	2 38	1 13	3 53	2 11	2 38	0 41	22 24	0 31	8 42	11 2	13 29	13 3	19 21	18 26	4 41
M15	19 59	15 48	0s57	19 59	0 34	9 6	1 47	13 18	1 17	2 42	1 14	3 52	2 12	2 38	0 41	22 24	0 31	8 42	11 2	13 29	13 2	19 22	18 25	4 41
T 16	20 12	18 17	2 16	20 27	0 40	9 33	1 47	13 3	1 15	2 46	1 14	3 50	2 12	2 37	0 41	22 24	0 31	8 43	11 2	13 28	13 1	19 22	18 25	4 41
W17	20 25	19 27	3 26	20 54	0 47	10 0	1 46	12 47	1 13	2 50	1 14	3 49	2 12	2 37	0 41	22 23	0 31	8 43	11 2	13 28	13 0	19 22	18 24	4 41
T 18	20 38	19 13	4 21	21 20	0 53	10 27	1 45	12 32	1 11	2 54	1 14	3 47	2 12	2 36	0 41	22 23	0 31	8 44	11 2	13 26	12 59	19 22	18 24	4 42
F 19	20 50	17 38	4 57	21 45	0 58	10 53	1 44	12 16	1 9	2 58	1 14	3 46	2 13	2 36	0 41	22 23	0 31	8 44	11 2	13 25	12 57	19 22	18 23	4 42
S 20	21 1	14 56	5 13	22 9	1 4	11 19	1 43	12 1	1 7	3 1	1 14	3 44	2 13	2 36	0 41	22 23	0 31	8 45	11 2	13 24	12 56	19 22	18 23	4 42
S 21	21 13	11 26	5 9	22 31	1 10	11 45	1 42	11 45	1 6	3 5	1 14	3 43	2 13	2 35	0 40	22 23	0 31	8 46	11 2	13 23	12 55	19 22	18 22	4 42
M22	21 24	7 25	4 48	22 53	1 15	12 11	1 41	11 30	1 4	3 9	1 15	3 41	2 13	2 35	0 40	22 23	0 31	8 46	11 2	13 22	12 54	19 22	18 22	4 42
T 23	21 34	3 10	4 12	23 14	1 21	12 37	1 39	11 14	1 2	3 13	1 15	3 40	2 14	2 35	0 40	22 22	0 31	8 47	11 2	13 22	12 53	19 22	18 21	4 43
W24	21 44	1s 7	3 24	23 33	1 26	13 2	1 38	10 58	1 0	3 16	1 15	3 39	2 14	2 34	0 40	22 22	0 31	8 47	11 2	13 23	12 52	19 22	18 21	4 43
T 25	21 54	5 15	2 27	23 51	1 30	13 27	1 37	10 42	0 59	3 20	1 15	3 37	2 14	2 34	0 40	22 22	0 31	8 48	11 2	13 23	12 51	19 22	18 20	4 43
F 26	22 3	9 5	1 25	24 8	1 35	13 51	1 35	10 26	0 57	3 24	1 15	3 36	2 14	2 34	0 40	22 22	0 31	8 48	11 2	13 24	12 50	19 22	18 20	4 43
S 27	22 12	12 29	0 20	24 23	1 40	14 15	1 34	10 10	0 55	3 27	1 15	3 35	2 15	2 33	0 40	22 22	0 31	8 49	11 2	13 24	12 49	19 22	18 19	4 43
S 28	22 21	15 21	0n46	24 38	1 44	14 39	1 32	9 54	0 54	3 31	1 16	3 34	2 15	2 33	0 40	22 22	0 30	8 49	11 2	13 24	12 48	19 22	18 19	4 43
M29	22 29	17 32	1 48	24 51	1 48	15 3	1 31	9 38	0 52	3 34	1 16	3 33	2 15	2 33	0 40	22 21	0 30	8 50	11 2	13 23	12 47	19 22	18 18	4 44
T 30	22s36	18s57	2n46	25s 2	1s51	15s26	1n29	9s21	0s50	3s37	1n16	3n32	2n15	2n33	0s40	22s21	0n30	8s50	11n 2	13s22	12s46	19s22	18n18	4s44

Julian Day Number = 2089534.5, Delta T = 23m40s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'32, Lahiri = 10°02'32 Julian Calendar 1 Nov. 1008 == Greg. Calendar 7 Nov. 1008

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ASTRODIENST EPHEMERIS for the year 1008
geocentric

DECEMBER 1008 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 1 32	15♐ 1'24	19♐20	21♐35	17♏44	8♓45	12♎12	26♍24	7°R55	13♑43	27♏ 0	5°R14	3♏29	16♐20	17°R48	W 1
T 2	5 5 29	16° 2'36	1♑10	23°11	18°59	9°25	12°21	26°28	7♈54	13°45	27° 2	5♏ 6	3°26	16°27	17♊44	T 2
F 3	5 9 26	17° 3'48	13° 4	24°47	20°14	10° 4	12°30	26°31	7°54	13°48	27° 4	4°58	3°22	16°34	17°40	F 3
S 4	5 13 22	18° 5'00	25° 2	26°23	21°28	10°44	12°38	26°34	7°53	13°50	27° 7	4°49	3°19	16°40	17°37	S 4
S 5	5 17 19	19° 6'13	7♒ 7	28° 0	22°43	11°23	12°47	26°36	7°53	13°52	27° 9	4°41	3°16	16°47	17°33	S 5
M 6	5 21 15	20° 7'25	19°22	29°36	23°58	12° 3	12°55	26°39	7°53	13°54	27°11	4°35	3°13	16°54	17°29	M 6
T 7	5 25 12	21° 8'38	1♓49	1♑13	25°13	12°42	13° 3	26°42	7°52	13°56	27°13	4°31	3°10	17° 0	17°25	T 7
W 8	5 29 8	22° 9'50	14°33	2°49	26°28	13°22	13°11	26°44	7°52	13°58	27°15	4°29	3° 6	17° 7	17°21	W 8
T 9	5 33 5	23°11'02	27°36	4°26	27°43	14° 2	13°19	26°47	7°52	14° 0	27°17	4°D29	3° 3	17°14	17°17	T 9
F 10	5 37 1	24°12'14	11♈ 2	6° 2	28°58	14°42	13°27	26°49	7°52	14° 2	27°20	4°29	3° 0	17°20	17°14	F 10
S 11	5 40 58	25°13'26	24°54	7°39	0♐12	15°22	13°35	26°51	7°D52	14° 5	27°22	4°31	2°57	17°27	17°10	S 11
S 12	5 44 55	26°14'37	9♉12	9°15	1°27	16° 1	13°43	26°53	7°52	14° 7	27°24	4°R31	2°54	17°34	17° 6	S 12
M13	5 48 51	27°15'48	23°56	10°51	2°42	16°41	13°50	26°55	7°52	14° 9	27°26	4°29	2°51	17°41	17° 2	M13
T 14	5 52 48	28°17'00	9♊ 1	12°26	3°57	17°21	13°57	26°57	7°52	14°11	27°28	4°25	2°47	17°47	16°59	T 14
W15	5 56 44	29°18'10	24°17	14° 1	5°12	18° 1	14° 4	26°59	7°52	14°13	27°30	4°19	2°44	17°54	16°55	W15
T 16	6 0 41	0♑19'21	9♋35	15°35	6°27	18°41	14°12	27° 1	7°53	14°16	27°32	4°11	2°41	18° 1	16°51	T 16
F 17	6 4 37	1°20'32	24°44	17° 8	7°42	19°21	14°18	27° 2	7°53	14°18	27°34	4° 1	2°38	18° 7	16°47	F 17
S 18	6 8 34	2°21'42	9♌33	18°39	8°57	20° 1	14°25	27° 4	7°53	14°20	27°36	3°52	2°35	18°14	16°44	S 18
S 19	6 12 30	3°22'53	23°56	20°10	10°12	20°41	14°32	27° 5	7°54	14°22	27°38	3°45	2°32	18°21	16°40	S 19
M20	6 16 27	4°24'03	7♍48	21°38	11°27	21°21	14°38	27° 6	7°54	14°25	27°40	3°39	2°28	18°27	16°37	M20
T 21	6 20 24	5°25'13	21°10	23° 4	12°42	22° 1	14°45	27° 7	7°55	14°27	27°42	3°36	2°25	18°34	16°33	T 21
W22	6 24 20	6°26'23	4♎ 5	24°27	13°57	22°41	14°51	27° 9	7°55	14°29	27°44	3°D35	2°22	18°41	16°29	W22
T 23	6 28 17	7°27'33	16°36	25°47	15°12	23°21	14°57	27° 9	7°56	14°31	27°46	3°35	2°19	18°47	16°26	T 23
F 24	6 32 13	8°28'43	28°49	27° 3	16°27	24° 1	15° 2	27°10	7°56	14°34	27°48	3°R36	2°16	18°54	16°23	F 24
S 25	6 36 10	9°29'53	10♏49	28°14	17°42	24°41	15° 8	27°11	7°57	14°36	27°50	3°36	2°12	19° 1	16°19	S 25
S 26	6 40 6	10°31'02	22°41	29°20	18°57	25°21	15°14	27°12	7°58	14°38	27°52	3°34	2° 9	19° 7	16°16	S 26
M27	6 44 3	11°32'11	4♐29	0♒21	20°12	26° 1	15°19	27°12	7°59	14°40	27°54	3°29	2° 6	19°14	16°12	M27
T 28	6 47 59	12°33'20	16°17	1°14	21°27	26°42	15°24	27°13	7°59	14°43	27°55	3°22	2° 3	19°21	16° 9	T 28
W29	6 51 56	13°34'28	28° 7	1°59	22°42	27°22	15°29	27°13	8° 0	14°45	27°57	3°11	2° 0	19°28	16° 6	W29
T 30	6 55 53	14°35'36	10♑ 2	2°36	23°57	28° 2	15°34	27°13	8° 1	14°47	27°59	2°59	1°57	19°34	16° 3	T 30
F 31	6 59 49	15♑36'43	22♑ 3	3♒ 4	25♐12	28♓42	15♎39	27°R13	8♈ 2	14♑50	28♏ 1	2♏45	1♏53	19♐41	15♊59	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s43	19s33	3n36	25s12	1s55	15s49	1n27	9s 5	0s49	3s41	1n16	3n31	2n16	2n32	0s40	22s21	0n30	8s51	11n 2	13s20	12s44	19s22	18n17	4s44
T 2	22 50	19 17	4 17	25 21	1 58	16 11	1 25	8 49	0 47	3 44	1 16	3 30	2 16	2 32	0 40	22 21	0 30	8 51	11 2	13 17	12 43	19 22	18 17	4 44
F 3	22 56	18 10	4 47	25 28	2 1	16 33	1 24	8 32	0 45	3 47	1 17	3 29	2 16	2 32	0 40	22 21	0 30	8 51	11 2	13 15	12 42	19 22	18 16	4 44
S 4	23 2	16 15	5 4	25 34	2 3	16 55	1 22	8 16	0 44	3 50	1 17	3 28	2 17	2 32	0 40	22 20	0 30	8 52	11 2	13 12	12 41	19 22	18 16	4 44
S 5	23 7	13 37	5 8	25 38	2 5	17 16	1 20	7 59	0 42	3 54	1 17	3 27	2 17	2 32	0 40	22 20	0 30	8 52	11 2	13 9	12 40	19 22	18 16	4 44
M 6	23 12	10 22	4 58	25 41	2 7	17 36	1 18	7 42	0 41	3 57	1 17	3 26	2 17	2 32	0 40	22 20	0 30	8 53	11 2	13 7	12 39	19 22	18 15	4 44
T 7	23 16	6 36	4 34	25 42	2 8	17 57	1 16	7 26	0 39	4 0	1 17	3 25	2 17	2 32	0 40	22 20	0 30	8 53	11 2	13 6	12 38	19 22	18 15	4 45
W 8	23 20	2 29	3 57	25 41	2 9	18 16	1 14	7 9	0 38	4 3	1 18	3 24	2 18	2 32	0 40	22 20	0 30	8 54	11 2	13 5	12 37	19 22	18 14	4 45
T 9	23 23	1n53	3 6	25 39	2 10	18 35	1 12	6 52	0 36	4 6	1 18	3 24	2 18	2 32	0 40	22 19	0 30	8 54	11 2	13 5	12 36	19 22	18 14	4 45
F 10	23 26	6 16	2 3	25 35	2 10	18 54	1 9	6 36	0 35	4 9	1 18	3 23	2 18	2 32	0 40	22 19	0 30	8 54	11 2	13 5	12 35	19 22	18 13	4 45
S 11	23 29	10 29	0 52	25 30	2 9	19 12	1 7	6 19	0 34	4 11	1 18	3 22	2 19	2 32	0 40	22 19	0 30	8 55	11 2	13 5	12 34	19 22	18 13	4 45
S 12	23 31	14 14	0s25	25 22	2 8	19 30	1 5	6 2	0 32	4 14	1 18	3 22	2 19	2 32	0 40	22 19	0 30	8 55	11 2	13 6	12 32	19 22	18 13	4 45
M13	23 32	17 12	1 43	25 14	2 7	19 47	1 3	5 45	0 31	4 17	1 19	3 21	2 19	2 32	0 40	22 18	0 30	8 55	11 3	13 5	12 31	19 22	18 12	4 45
T 14	23 33	19 3	2 54	25 3	2 5	20 4	1 0	5 28	0 29	4 19	1 19	3 21	2 19	2 32	0 40	22 18	0 30	8 56	11 3	13 4	12 30	19 22	18 12	4 45
W15	23 34	19 32	3 54	24 51	2 2	20 20	0 58	5 11	0 28	4 22	1 19	3 20	2 20	2 32	0 40	22 18	0 30	8 56	11 3	13 1	12 29	19 22	18 11	4 45
T 16	23 34	18 36	4 38	24 37	1 59	20 35	0 56	4 54	0 27	4 25	1 19	3 20	2 20	2 32	0 40	22 18	0 30	8 56	11 3	12 59	12 28	19 22	18 11	4 45
F 17	23 34	16 21	5 1	24 21	1 54	20 50	0 53	4 37	0 25	4 27	1 19	3 20	2 20	2 32	0 40	22 18	0 30	8 57	11 3	12 56	12 27	19 22	18 11	4 45
S 18	23 33	13 4	5 4	24 4	1 50	21 4	0 51	4 20	0 24	4 29	1 20	3 19	2 20	2 32	0 39	22 17	0 30	8 57	11 3	12 52	12 26	19 22	18 10	4 45
S 19	23 31	9 6	4 47	23 45	1 44	21 18	0 48	4 3	0 23	4 32	1 20	3 19	2 21	2 33	0 39	22 17	0 30	8 57	11 3	12 50	12 25	19 22	18 10	4 45
M20	23 30	4 46	4 13	23 25	1 38	21 31	0 46	3 46	0 21	4 34	1 20	3 19	2 21	2 33	0 39	22 17	0 30	8 58	11 3	12 48	12 24	19 22	18 10	4 45
T 21	23 27	0 21	3 27	23 4	1 30	21 43	0 43	3 29	0 20	4 36	1 20	3 19	2 21	2 33	0 39	22 17	0 30	8 58	11 3	12 47	12 23	19 22	18 9	4 45
W22	23 24	3s56	2 31	22 41	1 22	21 55	0 41	3 12	0 19	4 39	1 21	3 18	2 22	2 33	0 39	22 16	0 30	8 58	11 4	12 47	12 21	19 22	18 9	4 45
T 23	23 21	7 56	1 30	22 18	1 13	22 6	0 38	2 55	0 17	4 41	1 21	3 18	2 22	2 34	0 39	22 16	0 30	8 59	11 4	12 47	12 20	19 22	18 9	4 45
F 24	23 18	11 30	0 26	21 53	1 3	22 17	0 36	2 38	0 16	4 43	1 21	3 18	2 22	2 34	0 39	22 16	0 30	8 59	11 4	12 47	12 19	19 22	18 8	4 45
S 25	23 13	14 32	0n38	21 28	0 52	22 26	0 33	2 21	0 15	4 45	1 21	3 18	2 23	2 34	0 39	22 16	0 30	8 59	11 4	12 47	12 18	19 22	18 8	4 45
S 26	23 9	16 56	1 40	21 2	0 40	22 36	0 31	2 4	0 14	4 47	1 21	3 18	2 23	2 35	0 39	22 16	0 30	8 59	11 4	12 46	12 17	19 22	18 8	4 45
M27	23 4	18 35	2 37	20 37	0 26	22 44	0 28	1 47	0 13	4 48	1 22	3 18	2 23	2 35	0 39	22 15	0 30	9 0	11 4	12 45	12 16	19 22	18 7	4 45
T 28	22 58	19 26	3 26	20 11	0 12	22 52	0 26	1 30	0 11	4 50	1 22	3 18	2 23	2 35	0 39	22 15	0 30	9 0	11 5	12 42	12 15	19 22	18 7	4 45
W29	22 52	19 26	4 7	19 46	0n 3	22 59	0 23	1 13	0 10	4 52	1 22	3 18	2 24	2 36	0 39	22 15	0 30	9 0	11 5	12 38	12 14	19 22	18 7	4 45
T 30	22 46	18 34	4 37	19 22	0 19	23 5	0 20	0 55	0 9	4 54	1 22	3 19	2 24	2 36	0 39	22 15	0 30	9 0	11 5	12 34	12 13	19 22	18 7	4 45
F 31	22s39	16s53	4n56	19s 0	0n36	23s11	0n18	0s38	0s 8	4s55	1n23	3n19	2n24	2n36	0s39	22s14	0n30	9s 0	11n 5	12s29	12s12	19s21	18n 7	4s44

Julian Day Number = 2089564.5, Delta T = 23m40s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'36, Lahiri = 10°02'36 Julian Calendar 1 Dec. 1008 == Greg. Calendar 7 Dec. 1008

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

JANUARY 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 3 46	16♑37'49	4♒12	3♒21	26♐27	29♓22	15♎43	27°R13	8♈ 3	14♑52	28♏ 2	2°R31	1♏50	19♐48	15°R56	S 1
S 2	7 7 42	17°38'54	16°28	3°R27	27°42	0♈ 3	15°48	27♍13	8° 4	14°54	28° 4	2♏17	1°47	19°54	15♊53	S 2
M 3	7 11 39	18°39'58	28°53	3°22	28°57	0°43	15°52	27°13	8° 6	14°56	28° 6	2° 6	1°44	20° 1	15°50	M 3
T 4	7 15 35	19°41'01	11♓29	3° 5	0♑12	1°23	15°56	27°12	8° 7	14°59	28° 8	1°58	1°41	20° 8	15°47	T 4
W 5	7 19 32	20°42'03	24°17	2°37	1°27	2° 3	16° 0	27°12	8° 8	15° 1	28° 9	1°53	1°38	20°14	15°44	W 5
T 6	7 23 28	21°43'04	7♈20	1°58	2°42	2°43	16° 4	27°11	8° 9	15° 3	28°11	1°50	1°34	20°21	15°41	T 6
F 7	7 27 25	22°44'04	20°40	1° 9	3°57	3°24	16° 7	27°11	8°11	15° 5	28°12	1°D50	1°31	20°28	15°39	F 7
S 8	7 31 22	23°45'02	4♉21	0°11	5°12	4° 4	16°10	27°10	8°12	15° 8	28°14	1°R50	1°28	20°34	15°36	S 8
S 9	7 35 18	24°45'59	18°23	29♑ 6	6°27	4°44	16°14	27° 9	8°13	15°10	28°15	1°49	1°25	20°41	15°33	S 9
M10	7 39 15	25°46'55	2♊48	27°56	7°42	5°24	16°17	27° 8	8°15	15°12	28°17	1°46	1°22	20°48	15°30	M10
T 11	7 43 11	26°47'50	17°32	26°43	8°57	6° 5	16°19	27° 7	8°16	15°14	28°18	1°41	1°18	20°55	15°28	T 11
W12	7 47 8	27°48'43	2♋32	25°29	10°12	6°45	16°22	27° 6	8°18	15°17	28°20	1°33	1°15	21° 1	15°25	W12
T 13	7 51 4	28°49'35	17°37	24°15	11°27	7°25	16°24	27° 5	8°20	15°19	28°21	1°22	1°12	21° 8	15°23	T 13
F 14	7 55 1	29°50'25	2♌39	23° 5	12°42	8° 5	16°27	27° 3	8°21	15°21	28°23	1°10	1° 9	21°15	15°21	F 14
S 15	7 58 57	0♒51'14	17°27	22° 0	13°57	8°45	16°29	27° 2	8°23	15°23	28°24	0°59	1° 6	21°21	15°18	S 15
S 16	8 2 54	1°52'02	1♍53	21° 1	15°12	9°26	16°31	27° 0	8°25	15°26	28°25	0°48	1° 3	21°28	15°16	S 16
M17	8 6 51	2°52'49	15°51	20° 9	16°27	10° 6	16°32	26°58	8°27	15°28	28°26	0°40	0°59	21°35	15°14	M17
T 18	8 10 47	3°53'35	29°21	19°25	17°42	10°46	16°34	26°57	8°29	15°30	28°28	0°34	0°56	21°41	15°12	T 18
W19	8 14 44	4°54'20	12♎22	18°48	18°57	11°26	16°35	26°55	8°30	15°32	28°29	0°32	0°53	21°48	15°10	W19
T 20	8 18 40	5°55'03	24°59	18°20	20°12	12° 6	16°36	26°53	8°32	15°34	28°30	0°31	0°50	21°55	15° 8	T 20
F 21	8 22 37	6°55'46	7♏15	18° 0	21°27	12°47	16°37	26°51	8°34	15°37	28°31	0°31	0°47	22° 1	15° 6	F 21
S 22	8 26 33	7°56'27	19°16	17°48	22°42	13°27	16°38	26°48	8°36	15°39	28°32	0°30	0°44	22° 8	15° 4	S 22
S 23	8 30 30	8°57'08	1♐ 9	17°D44	23°57	14° 7	16°39	26°46	8°38	15°41	28°34	0°29	0°40	22°15	15° 2	S 23
M24	8 34 26	9°57'47	12°57	17°47	25°12	14°47	16°39	26°44	8°41	15°43	28°35	0°24	0°37	22°22	15° 1	M24
T 25	8 38 23	10°58'24	24°46	17°56	26°27	15°27	16°39	26°41	8°43	15°45	28°36	0°17	0°34	22°28	14°59	T 25
W26	8 42 20	11°59'01	6♑39	18°12	27°42	16° 7	16°R39	26°39	8°45	15°47	28°37	0° 7	0°31	22°35	14°58	W26
T 27	8 46 16	12°59'36	18°40	18°34	28°57	16°47	16°39	26°36	8°47	15°49	28°38	29♎55	0°28	22°42	14°56	T 27
F 28	8 50 13	14° 0'09	0♒50	19° 2	0♒12	17°28	16°39	26°33	8°49	15°51	28°39	29°42	0°24	22°48	14°55	F 28
S 29	8 54 9	15° 0'41	13°11	19°34	1°27	18° 8	16°38	26°30	8°52	15°53	28°40	29°28	0°21	22°55	14°54	S 29
S 30	8 58 6	16° 1'11	25°42	20°11	2°42	18°48	16°37	26°28	8°54	15°55	28°40	29°15	0°18	23° 2	14°52	S 30
M31	9 2 2	17♒ 1'40	8♓25	20♑52	3♒57	19♈28	16♎36	26♍25	8♈56	15♑57	28♏41	29♎ 4	0♏15	23♐ 8	14♊51	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s31	14s26	5n 1	18s39	0n53	23s16	0n15	0s21	0s 7	4s57	1n23	3n19	2n25	2n37	0s39	22s14	0n30	9s 1	11n 5	12s24	12s10	19s21	18n 6	4s44	S 1
S 2	22 24	11 21	4 52	18 20	1 11	23 20	0 12	0 4	0 6	4 58	1 23	3 19	2 25	2 37	0 39	22 14	0 30	9 1	11 5	12 20	12 9	19 21	18 6	4 44	S 2
M 3	22 15	7 43	4 29	18 3	1 30	23 24	0 10	0n13	0 5	5 0	1 23	3 20	2 25	2 38	0 39	22 14	0 30	9 1	11 6	12 16	12 8	19 21	18 6	4 44	M 3
T 4	22 7	3 42	3 53	17 49	1 48	23 27	0 7	0 30	0 3	5 1	1 24	3 20	2 25	2 38	0 39	22 13	0 30	9 1	11 6	12 13	12 7	19 21	18 6	4 44	T 4
W 5	21 58	0n32	3 5	17 38	2 6	23 29	0 5	0 47	0 2	5 2	1 24	3 21	2 26	2 39	0 39	22 13	0 30	9 1	11 6	12 11	12 6	19 21	18 5	4 44	W 5
T 6	21 48	4 51	2 6	17 30	2 24	23 30	0 2	1 4	0 1	5 3	1 24	3 21	2 26	2 39	0 39	22 13	0 30	9 1	11 6	12 11	12 5	19 21	18 5	4 44	T 6
F 7	21 38	9 1	0 59	17 24	2 40	23 31	0s 1	1 21	0 0	5 5	1 24	3 22	2 26	2 40	0 39	22 13	0 30	9 1	11 7	12 10	12 4	19 21	18 5	4 44	F 7
S 8	21 28	12 50	0s13	17 22	2 55	23 31	0 3	1 38	0n 1	5 6	1 25	3 22	2 27	2 41	0 39	22 12	0 30	9 1	11 7	12 10	12 3	19 21	18 5	4 44	S 8
S 9	21 17	16 0	1 26	17 23	3 8	23 30	0 6	1 55	0 2	5 7	1 25	3 23	2 27	2 41	0 39	22 12	0 30	9 2	11 7	12 10	12 2	19 21	18 5	4 43	S 9
M10	21 6	18 17	2 36	17 26	3 19	23 29	0 8	2 12	0 3	5 8	1 25	3 24	2 27	2 42	0 39	22 12	0 30	9 2	11 7	12 9	12 1	19 20	18 5	4 43	M10
T 11	20 54	19 23	3 36	17 31	3 28	23 26	0 11	2 29	0 4	5 8	1 25	3 24	2 27	2 43	0 39	22 12	0 30	9 2	11 7	12 7	11 59	19 20	18 5	4 43	T 11
W12	20 43	19 9	4 23	17 38	3 35	23 23	0 13	2 46	0 5	5 9	1 26	3 25	2 28	2 43	0 39	22 11	0 30	9 2	11 8	12 4	11 58	19 20	18 5	4 43	W12
T 13	20 30	17 35	4 52	17 47	3 39	23 20	0 16	3 3	0 6	5 10	1 26	3 26	2 28	2 44	0 38	22 11	0 30	9 2	11 8	12 1	11 57	19 20	18 4	4 43	T 13
F 14	20 17	14 48	5 0	17 58	3 40	23 15	0 18	3 20	0 7	5 11	1 26	3 26	2 28	2 45	0 38	22 11	0 30	9 2	11 8	11 57	11 56	19 20	18 4	4 43	F 14
S 15	20 4	11 7	4 48	18 9	3 39	23 10	0 21	3 37	0 8	5 11	1 26	3 27	2 28	2 45	0 38	22 11	0 30	9 2	11 8	11 52	11 55	19 20	18 4	4 42	S 15
S 16	19 51	6 51	4 18	18 21	3 37	23 4	0 23	3 53	0 9	5 12	1 27	3 28	2 29	2 46	0 38	22 10	0 30	9 2	11 9	11 49	11 54	19 20	18 4	4 42	S 16
M17	19 37	2 20	3 33	18 33	3 32	22 58	0 25	4 10	0 10	5 12	1 27	3 29	2 29	2 47	0 38	22 10	0 30	9 2	11 9	11 46	11 53	19 19	18 4	4 42	M17
T 18	19 23	2s 8	2 37	18 46	3 25	22 51	0 28	4 27	0 11	5 12	1 27	3 30	2 29	2 48	0 38	22 10	0 30	9 2	11 9	11 44	11 52	19 19	18 4	4 42	T 18
W19	19 8	6 22	1 34	18 59	3 18	22 43	0 30	4 43	0 12	5 13	1 27	3 31	2 29	2 48	0 38	22 10	0 30	9 2	11 9	11 43	11 51	19 19	18 4	4 42	W19
T 20	18 53	10 10	0 29	19 11	3 9	22 34	0 32	5 0	0 12	5 13	1 28	3 32	2 30	2 49	0 38	22 9	0 30	9 2	11 10	11 43	11 49	19 19	18 4	4 41	T 20
F 21	18 38	13 27	0n36	19 24	2 59	22 25	0 35	5 17	0 13	5 13	1 28	3 33	2 30	2 50	0 38	22 9	0 30	9 2	11 10	11 43	11 48	19 19	18 4	4 41	F 21
S 22	18 23	16 4	1 38	19 36	2 48	22 15	0 37	5 33	0 14	5 13	1 28	3 34	2 30	2 51	0 38	22 9	0 30	9 2	11 10	11 43	11 47	19 19	18 4	4 41	S 22
S 23	18 7	17 59	2 35	19 47	2 37	22 4	0 39	5 50	0 15	5 13	1 28	3 35	2 31	2 52	0 38	22 9	0 30	9 2	11 10	11 42	11 46	19 19	18 4	4 41	S 23
M24	17 51	19 5	3 24	19 59	2 25	21 53	0 41	6 6	0 16	5 13	1 29	3 37	2 31	2 52	0 38	22 8	0 30	9 2	11 11	11 40	11 45	19 18	18 4	4 41	M24
T 25	17 34	19 22	4 6	20 9	2 14	21 41	0 43	6 22	0 17	5 13	1 29	3 38	2 31	2 53	0 38	22 8	0 30	9 2	11 11	11 38	11 44	19 18	18 4	4 40	T 25
W26	17 17	18 48	4 36	20 19	2 2	21 28	0 45	6 39	0 18	5 13	1 29	3 39	2 31	2 54	0 38	22 8	0 30	9 2	11 11	11 34	11 43	19 18	18 4	4 40	W26
T 27	17 0	17 23	4 55	20 28	1 50	21 15	0 48	6 55	0 19	5 12	1 29	3 40	2 31	2 55	0 38	22 8	0 30	9 2	11 11	11 30	11 42	19 18	18 4	4 40	T 27
F 28	16 43	15 11	5 0	20 36	1 38	21 1	0 50	7 11	0 19	5 12	1 30	3 42	2 32	2 56	0 38	22 7	0 30	9 2	11 12	11 25	11 40	19 18	18 4	4 40	F 28
S 29	16 25	12 17	4 52	20 43	1 26	20 47	0 52	7 27	0 20	5 11	1 30	3 43	2 32	2 57	0 38	22 7	0 30	9 2	11 12	11 20	11 39	19 17	18 5	4 39	S 29
S 30	16 7	8 47	4 30	20 49	1 14	20 32	0 53	7 43	0 21	5 11	1 30	3 44	2 32	2 58	0 38	22 7	0 30	9 2	11 12	11 16	11 38	19 17	18 5	4 39	S 30
M31	15s49	4s51	3n54	20s55	1n 2	20s16	0s55	7n59	0n22	5s10	1n30	3n46	2n32	2n59	0s38	22s 7	0n30	9s 1	11n13	11s12	11s37	19s17	18n 5	4s39	M31

Julian Day Number = 2089595.5, Delta T = 23m40s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'40, Lahiri = 10°02'40 Julian Calendar 1 Jan. 1009 == Greg. Calendar 7 Jan. 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

FEBRUARY 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 5 59	18♒ 2'07	21♓18	21♑37	5♒12	20♈ 8	16°R35	26°R21	8♈59	15♑59	28♏42	28°R55	0♏12	23♐15	14°R50	T 1
W 2	9 9 55	19° 2'31	4♈22	22°26	6°26	20°48	16♎34	26♍18	9° 1	16° 1	28°43	28♎50	0° 9	23°22	14♊49	W 2
T 3	9 13 52	20° 2'54	17°37	23°18	7°41	21°28	16°32	26°15	9° 4	16° 3	28°44	28°48	0° 5	23°28	14°48	T 3
F 4	9 17 49	21° 3'15	1♉ 5	24°14	8°56	22° 8	16°31	26°12	9° 6	16° 5	28°44	28°D47	0° 2	23°35	14°48	F 4
S 5	9 21 45	22° 3'34	14°46	25°12	10°11	22°48	16°29	26° 8	9° 9	16° 7	28°45	28°48	29♎59	23°42	14°47	S 5
S 6	9 25 42	23° 3'51	28°42	26°13	11°26	23°28	16°27	26° 5	9°11	16° 9	28°46	28°R48	29°56	23°49	14°46	S 6
M 7	9 29 38	24° 4'06	12♊52	27°17	12°41	24° 8	16°25	26° 1	9°14	16°11	28°46	28°46	29°53	23°55	14°46	M 7
T 8	9 33 35	25° 4'19	27°16	28°22	13°56	24°48	16°22	25°58	9°17	16°13	28°47	28°42	29°49	24° 2	14°45	T 8
W 9	9 37 31	26° 4'29	11♋50	29°30	15°10	25°28	16°19	25°54	9°19	16°15	28°47	28°36	29°46	24° 9	14°45	W 9
T 10	9 41 28	27° 4'38	26°30	0♒41	16°25	26° 8	16°17	25°50	9°22	16°17	28°48	28°28	29°43	24°15	14°44	T 10
F 11	9 45 24	28° 4'44	11♌ 7	1°53	17°40	26°48	16°14	25°47	9°25	16°19	28°48	28°18	29°40	24°22	14°44	F 11
S 12	9 49 21	29° 4'48	25°36	3° 7	18°55	27°28	16°11	25°43	9°28	16°20	28°49	28° 8	29°37	24°29	14°44	S 12
S 13	9 53 18	0♓ 4'51	9♍49	4°22	20°10	28° 8	16° 7	25°39	9°31	16°22	28°49	28° 0	29°34	24°35	14°D44	S 13
M14	9 57 14	1° 4'51	23°40	5°40	21°24	28°48	16° 4	25°35	9°33	16°24	28°49	27°53	29°30	24°42	14°44	M14
T 15	10 1 11	2° 4'50	7♎ 7	6°59	22°39	29°28	16° 0	25°31	9°36	16°26	28°50	27°48	29°27	24°49	14°44	T 15
W16	10 5 7	3° 4'47	20°10	8°19	23°54	0♉ 7	15°56	25°27	9°39	16°27	28°50	27°46	29°24	24°56	14°44	W16
T 17	10 9 4	4° 4'42	2♏49	9°41	25° 8	0°47	15°52	25°23	9°42	16°29	28°50	27°D46	29°21	25° 2	14°45	T 17
F 18	10 13 0	5° 4'35	15° 9	11° 5	26°23	1°27	15°48	25°18	9°45	16°31	28°51	27°47	29°18	25° 9	14°45	F 18
S 19	10 16 57	6° 4'27	27°15	12°30	27°38	2° 7	15°44	25°14	9°48	16°32	28°51	27°48	29°15	25°16	14°45	S 19
S 20	10 20 53	7° 4'17	9♐10	13°56	28°53	2°47	15°39	25°10	9°51	16°34	28°51	27°R48	29°11	25°22	14°46	S 20
M21	10 24 50	8° 4'05	21° 1	15°24	0♓ 7	3°26	15°34	25° 6	9°54	16°36	28°51	27°47	29° 8	25°29	14°47	M21
T 22	10 28 47	9° 3'52	2♑52	16°53	1°22	4° 6	15°30	25° 1	9°57	16°37	28°51	27°44	29° 5	25°36	14°47	T 22
W23	10 32 43	10° 3'37	14°48	18°23	2°37	4°46	15°25	24°57	10° 0	16°39	28°51	27°39	29° 2	25°42	14°48	W23
T 24	10 36 40	11° 3'20	26°53	19°55	3°51	5°26	15°20	24°52	10° 3	16°40	28°R51	27°32	28°59	25°49	14°49	T 24
F 25	10 40 36	12° 3'01	9♒11	21°28	5° 6	6° 5	15°14	24°48	10° 6	16°42	28°51	27°24	28°55	25°56	14°50	F 25
S 26	10 44 33	13° 2'40	21°42	23° 2	6°21	6°45	15° 9	24°43	10°10	16°43	28°51	27°16	28°52	26° 3	14°51	S 26
S 27	10 48 29	14° 2'17	4♓28	24°37	7°35	7°25	15° 3	24°39	10°13	16°45	28°51	27° 8	28°49	26° 9	14°52	S 27
M28	10 52 26	15♓ 1'52	17♓29	26♒14	8♓50	8♉ 4	14♎58	24♍34	10♈16	16♑46	28♏51	27♎ 1	28♎46	26♐16	14♊53	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s30	0s38	3n 5	20s59	0n51	20s 0	0s57	8n15	0n23	5s10	1n31	3n47	2n33	3n 0	0s38	22s 7	0n30	9s 1	11n13	11s 9	11s36	19s17	18n 5	4s39
W 2	15 12	3n40	2 6	21 2	0 40	19 43	0 59	8 31	0 23	5 9	1 31	3 49	2 33	3 1	0 38	22 6	0 30	9 1	11 13	11 7	11 35	19 17	18 5	4 38
T 3	14 53	7 52	0 59	21 4	0 29	19 25	1 1	8 47	0 24	5 8	1 31	3 50	2 33	3 2	0 38	22 6	0 30	9 1	11 13	11 6	11 34	19 16	18 5	4 38
F 4	14 33	11 43	0s12	21 5	0 18	19 7	1 2	9 3	0 25	5 7	1 31	3 52	2 33	3 3	0 38	22 6	0 30	9 1	11 14	11 6	11 33	19 16	18 5	4 38
S 5	14 14	15 1	1 24	21 5	0 8	18 49	1 4	9 19	0 26	5 6	1 32	3 53	2 33	3 4	0 38	22 6	0 30	9 1	11 14	11 6	11 32	19 16	18 6	4 38
S 6	13 54	17 30	2 32	21 3	0s 2	18 29	1 6	9 34	0 26	5 5	1 32	3 55	2 34	3 5	0 38	22 5	0 30	9 1	11 14	11 6	11 30	19 16	18 6	4 37
M 7	13 34	18 57	3 32	21 1	0 12	18 10	1 7	9 50	0 27	5 4	1 32	3 56	2 34	3 6	0 38	22 5	0 30	9 1	11 15	11 6	11 29	19 16	18 6	4 37
T 8	13 14	19 13	4 20	20 57	0 21	17 50	1 9	10 5	0 28	5 3	1 32	3 58	2 34	3 7	0 38	22 5	0 30	9 0	11 15	11 4	11 28	19 15	18 6	4 37
W 9	12 54	18 12	4 51	20 51	0 30	17 29	1 10	10 20	0 28	5 2	1 32	4 0	2 34	3 8	0 38	22 5	0 30	9 0	11 15	11 2	11 27	19 15	18 6	4 37
T 10	12 33	16 0	5 4	20 45	0 39	17 8	1 11	10 36	0 29	5 1	1 33	4 1	2 34	3 9	0 38	22 4	0 30	9 0	11 15	10 59	11 26	19 15	18 7	4 36
F 11	12 12	12 47	4 56	20 37	0 48	16 46	1 13	10 51	0 30	4 59	1 33	4 3	2 35	3 10	0 38	22 4	0 30	9 0	11 16	10 56	11 25	19 15	18 7	4 36
S 12	11 51	8 49	4 30	20 28	0 56	16 24	1 14	11 6	0 31	4 58	1 33	4 5	2 35	3 12	0 38	22 4	0 30	9 0	11 16	10 52	11 24	19 14	18 7	4 36
S 13	11 30	4 25	3 47	20 17	1 3	16 2	1 15	11 21	0 31	4 56	1 33	4 6	2 35	3 13	0 38	22 4	0 30	8 59	11 16	10 49	11 23	19 14	18 7	4 36
M14	11 9	0s 6	2 52	20 6	1 11	15 39	1 16	11 36	0 32	4 55	1 34	4 8	2 35	3 14	0 38	22 4	0 30	8 59	11 17	10 46	11 21	19 14	18 8	4 35
T 15	10 47	4 30	1 48	19 52	1 17	15 15	1 17	11 51	0 33	4 53	1 34	4 10	2 35	3 15	0 37	22 3	0 30	8 59	11 17	10 45	11 20	19 14	18 8	4 35
W16	10 26	8 33	0 41	19 38	1 24	14 51	1 18	12 6	0 33	4 51	1 34	4 12	2 35	3 16	0 37	22 3	0 30	8 59	11 17	10 44	11 19	19 14	18 8	4 35
T 17	10 4	12 5	0n27	19 22	1 30	14 27	1 19	12 20	0 34	4 50	1 34	4 13	2 36	3 17	0 37	22 3	0 30	8 59	11 18	10 44	11 18	19 13	18 8	4 35
F 18	9 42	15 0	1 32	19 5	1 36	14 3	1 20	12 35	0 35	4 48	1 34	4 15	2 36	3 19	0 37	22 3	0 30	8 58	11 18	10 44	11 17	19 13	18 9	4 34
S 19	9 20	17 11	2 32	18 46	1 42	13 38	1 21	12 49	0 35	4 46	1 35	4 17	2 36	3 20	0 37	22 3	0 30	8 58	11 18	10 45	11 16	19 13	18 9	4 34
S 20	8 58	18 35	3 24	18 26	1 47	13 12	1 22	13 4	0 36	4 44	1 35	4 19	2 36	3 21	0 37	22 2	0 30	8 58	11 18	10 45	11 15	19 12	18 9	4 34
M21	8 35	19 9	4 7	18 4	1 51	12 46	1 22	13 18	0 36	4 42	1 35	4 21	2 36	3 22	0 37	22 2	0 30	8 58	11 19	10 45	11 13	19 12	18 10	4 33
T 22	8 13	18 53	4 40	17 42	1 56	12 20	1 23	13 32	0 37	4 40	1 35	4 23	2 36	3 23	0 37	22 2	0 30	8 57	11 19	10 43	11 12	19 12	18 10	4 33
W23	7 50	17 46	5 0	17 17	1 59	11 54	1 24	13 46	0 38	4 38	1 35	4 25	2 36	3 25	0 37	22 2	0 30	8 57	11 19	10 42	11 11	19 12	18 10	4 33
T 24	7 27	15 51	5 8	16 52	2 3	11 27	1 24	14 0	0 38	4 36	1 35	4 26	2 37	3 26	0 37	22 2	0 30	8 57	11 20	10 39	11 10	19 11	18 11	4 33
F 25	7 5	13 12	5 1	16 25	2 6	11 0	1 25	14 14	0 39	4 34	1 36	4 28	2 37	3 27	0 37	22 1	0 30	8 56	11 20	10 36	11 9	19 11	18 11	4 32
S 26	6 42	9 55	4 41	15 56	2 9	10 33	1 25	14 27	0 39	4 31	1 36	4 30	2 37	3 28	0 37	22 1	0 30	8 56	11 20	10 33	11 8	19 11	18 12	4 32
S 27	6 19	6 7	4 5	15 26	2 11	10 5	1 25	14 41	0 40	4 29	1 36	4 32	2 37	3 30	0 37	22 1	0 30	8 56	11 20	10 30	11 7	19 11	18 12	4 32
M28	5s56	1s57	3n17	14s55	2s12	9s37	1s26	14n55	0n40	4s27	1n36	4n34	2n37	3n31	0s37	22s 1	0n30	8s56	11n21	10s28	11s 6	19s10	18n12	4s32

Julian Day Number = 2089626.5, Delta T = 23m39s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'44, Lahiri = 10°02'45 Julian Calendar 1 Feb. 1009 == Greg. Calendar 7 Feb. 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

MARCH 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 56 22	16♓ 1'25	0♈44	27♒52	10♓ 4	8♉44	14°R52	24°R30	10♈19	16♑47	28°R51	26°R57	28♎43	26♐23	14♊54	T 1
W 2	11 0 19	17° 0'56	14°12	29°31	11°19	9°24	14♎46	24♍25	10°22	16°49	28♏51	26♎54	28°40	26°29	14°56	W 2
T 3	11 4 15	18° 0'24	27°50	1♓12	12°34	10° 3	14°40	24°20	10°25	16°50	28°50	26°D53	28°36	26°36	14°57	T 3
F 4	11 8 12	18°59'51	11♉38	2°54	13°48	10°43	14°34	24°16	10°29	16°51	28°50	26°54	28°33	26°43	14°59	F 4
S 5	11 12 9	19°59'15	25°34	4°37	15° 3	11°22	14°27	24°11	10°32	16°53	28°50	26°55	28°30	26°49	15° 0	S 5
S 6	11 16 5	20°58'36	9♊37	6°22	16°17	12° 2	14°21	24° 7	10°35	16°54	28°50	26°57	28°27	26°56	15° 2	S 6
M 7	11 20 2	21°57'56	23°45	8° 7	17°32	12°41	14°14	24° 2	10°39	16°55	28°49	26°R57	28°24	27° 3	15° 4	M 7
T 8	11 23 58	22°57'13	7♋58	9°55	18°46	13°21	14° 8	23°57	10°42	16°56	28°49	26°56	28°21	27°10	15° 5	T 8
W 9	11 27 55	23°56'27	22°13	11°43	20° 1	14° 0	14° 1	23°53	10°45	16°58	28°48	26°54	28°17	27°16	15° 7	W 9
T 10	11 31 51	24°55'39	6♌26	13°33	21°15	14°40	13°54	23°48	10°49	16°59	28°48	26°50	28°14	27°23	15° 9	T 10
F 11	11 35 48	25°54'49	20°35	15°24	22°29	15°19	13°47	23°43	10°52	17° 0	28°48	26°45	28°11	27°30	15°11	F 11
S 12	11 39 44	26°53'57	4♍35	17°17	23°44	15°59	13°40	23°39	10°55	17° 1	28°47	26°41	28° 8	27°36	15°13	S 12
S 13	11 43 41	27°53'02	18°22	19°11	24°58	16°38	13°33	23°34	10°59	17° 2	28°47	26°36	28° 5	27°43	15°16	S 13
M14	11 47 38	28°52'05	1♎53	21° 6	26°13	17°17	13°26	23°29	11° 2	17° 3	28°46	26°33	28° 1	27°50	15°18	M14
T 15	11 51 34	29°51'06	15° 6	23° 3	27°27	17°57	13°19	23°25	11° 5	17° 4	28°45	26°32	27°58	27°56	15°20	T 15
W16	11 55 31	0♈50'05	28° 0	25° 1	28°41	18°36	13°11	23°20	11° 9	17° 5	28°45	26°D31	27°55	28° 3	15°23	W16
T 17	11 59 27	1°49'02	10♏36	27° 1	29°56	19°15	13° 4	23°15	11°12	17° 6	28°44	26°32	27°52	28°10	15°25	T 17
F 18	12 3 24	2°47'57	22°55	29° 1	1♈10	19°55	12°57	23°11	11°16	17° 7	28°43	26°33	27°49	28°17	15°28	F 18
S 19	12 7 20	3°46'51	5♐ 2	1♈ 3	2°24	20°34	12°49	23° 6	11°19	17° 7	28°43	26°35	27°46	28°23	15°30	S 19
S 20	12 11 17	4°45'42	16°59	3° 6	3°39	21°13	12°42	23° 2	11°22	17° 8	28°42	26°36	27°42	28°30	15°33	S 20
M21	12 15 13	5°44'32	28°52	5°10	4°53	21°52	12°34	22°57	11°26	17° 9	28°41	26°37	27°39	28°37	15°36	M21
T 22	12 19 10	6°43'20	10♑45	7°15	6° 7	22°32	12°26	22°53	11°29	17°10	28°40	26°R37	27°36	28°43	15°39	T 22
W23	12 23 7	7°42'07	22°42	9°20	7°22	23°11	12°19	22°48	11°33	17°11	28°40	26°37	27°33	28°50	15°41	W23
T 24	12 27 3	8°40'51	4♒49	11°26	8°36	23°50	12°11	22°44	11°36	17°11	28°39	26°35	27°30	28°57	15°44	T 24
F 25	12 31 0	9°39'34	17° 9	13°33	9°50	24°29	12° 3	22°40	11°40	17°12	28°38	26°33	27°26	29° 3	15°47	F 25
S 26	12 34 56	10°38'15	29°46	15°39	11° 4	25° 8	11°56	22°35	11°43	17°13	28°37	26°31	27°23	29°10	15°51	S 26
S 27	12 38 53	11°36'54	12♓42	17°46	12°19	25°47	11°48	22°31	11°47	17°13	28°36	26°28	27°20	29°17	15°54	S 27
M28	12 42 49	12°35'31	25°57	19°52	13°33	26°26	11°40	22°27	11°50	17°14	28°35	26°27	27°17	29°24	15°57	M28
T 29	12 46 46	13°34'06	9♈32	21°57	14°47	27° 6	11°33	22°23	11°53	17°14	28°34	26°25	27°14	29°30	16° 0	T 29
W30	12 50 42	14°32'39	23°23	24° 1	16° 1	27°45	11°25	22°18	11°57	17°15	28°33	26°D25	27°11	29°37	16° 4	W30
T 31	12 54 39	15♈31'11	7♉28	26♈ 4	17♈15	28♉24	11♎17	22♍14	12♈ 0	17♑15	28♏32	26♎25	27♎ 7	29♐44	16♊ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s32	2n23	2n17	14s22	2s14	9s 9	1s26	15n 8	0n41	4s24	1n36	4n36	2n37	3n32	0s37	22s 1	0n30	8s55	11n21	10s26	11s 4	19s10	18n13	4s31
W 2	5 9	6 41	1 8	13 48	2 15	8 41	1 26	15 21	0 42	4 22	1 36	4 38	2 37	3 33	0 37	22 1	0 30	8 55	11 21	10 25	11 3	19 10	18 13	4 31
T 3	4 46	10 41	0s 5	13 12	2 15	8 12	1 26	15 34	0 42	4 19	1 37	4 40	2 37	3 35	0 37	22 0	0 30	8 55	11 22	10 25	11 2	19 9	18 14	4 31
F 4	4 23	14 9	1 19	12 36	2 15	7 44	1 26	15 47	0 43	4 17	1 37	4 42	2 37	3 36	0 37	22 0	0 30	8 54	11 22	10 25	11 1	19 9	18 14	4 30
S 5	3 59	16 50	2 30	11 57	2 15	7 15	1 26	16 0	0 43	4 14	1 37	4 44	2 37	3 37	0 37	22 0	0 30	8 54	11 22	10 26	11 0	19 9	18 14	4 30
S 6	3 36	18 31	3 32	11 17	2 14	6 45	1 26	16 13	0 44	4 12	1 37	4 45	2 37	3 39	0 37	22 0	0 30	8 54	11 22	10 26	10 59	19 8	18 15	4 30
M 7	3 12	19 4	4 21	10 36	2 12	6 16	1 26	16 26	0 44	4 9	1 37	4 47	2 37	3 40	0 37	22 0	0 30	8 53	11 23	10 26	10 58	19 8	18 15	4 30
T 8	2 49	18 25	4 55	9 54	2 10	5 47	1 26	16 38	0 45	4 6	1 37	4 49	2 37	3 41	0 37	22 0	0 30	8 53	11 23	10 26	10 56	19 8	18 16	4 29
W 9	2 25	16 37	5 11	9 10	2 8	5 17	1 25	16 51	0 45	4 4	1 37	4 51	2 38	3 43	0 37	21 59	0 30	8 53	11 23	10 25	10 55	19 8	18 16	4 29
T 10	2 2	13 48	5 8	8 25	2 5	4 47	1 25	17 3	0 46	4 1	1 37	4 53	2 38	3 44	0 37	21 59	0 30	8 52	11 23	10 24	10 54	19 7	18 17	4 29
F 11	1 38	10 11	4 46	7 39	2 1	4 17	1 24	17 15	0 46	3 58	1 37	4 55	2 38	3 45	0 37	21 59	0 30	8 52	11 24	10 22	10 53	19 7	18 17	4 29
S 12	1 14	6 3	4 7	6 51	1 57	3 47	1 24	17 27	0 47	3 55	1 38	4 57	2 38	3 47	0 37	21 59	0 30	8 52	11 24	10 20	10 52	19 7	18 18	4 28
S 13	0 51	1 39	3 14	6 2	1 53	3 17	1 23	17 39	0 47	3 53	1 38	4 59	2 38	3 48	0 37	21 59	0 30	8 51	11 24	10 19	10 51	19 6	18 18	4 28
M14	0 27	2s45	2 11	5 11	1 48	2 47	1 23	17 51	0 48	3 50	1 38	5 1	2 38	3 49	0 37	21 59	0 30	8 51	11 24	10 18	10 50	19 6	18 19	4 28
T 15	0 4	6 56	1 2	4 20	1 42	2 16	1 22	18 2	0 48	3 47	1 38	5 2	2 38	3 51	0 37	21 59	0 30	8 50	11 25	10 17	10 48	19 6	18 19	4 28
W16	0n20	10 41	0n 8	3 27	1 36	1 46	1 21	18 14	0 48	3 44	1 38	5 4	2 38	3 52	0 37	21 58	0 30	8 50	11 25	10 17	10 47	19 5	18 20	4 27
T 17	0 44	13 52	1 17	2 34	1 29	1 15	1 21	18 25	0 49	3 41	1 38	5 6	2 38	3 53	0 37	21 58	0 30	8 50	11 25	10 17	10 46	19 5	18 20	4 27
F 18	1 7	16 20	2 20	1 39	1 22	0 45	1 20	18 36	0 49	3 38	1 38	5 8	2 38	3 55	0 37	21 58	0 30	8 49	11 25	10 18	10 45	19 4	18 21	4 27
S 19	1 31	18 2	3 16	0 43	1 14	0 14	1 19	18 47	0 50	3 35	1 38	5 10	2 38	3 56	0 37	21 58	0 30	8 49	11 26	10 18	10 44	19 4	18 21	4 27
S 20	1 54	18 53	4 3	0n14	1 6	0n16	1 18	18 58	0 50	3 32	1 38	5 11	2 38	3 57	0 37	21 58	0 30	8 49	11 26	10 19	10 43	19 4	18 22	4 26
M21	2 18	18 54	4 39	1 11	0 58	0 47	1 17	19 9	0 51	3 29	1 38	5 13	2 38	3 59	0 37	21 58	0 30	8 48	11 26	10 19	10 42	19 3	18 22	4 26
T 22	2 41	18 5	5 3	2 9	0 49	1 17	1 16	19 19	0 51	3 26	1 38	5 15	2 38	4 0	0 37	21 58	0 30	8 48	11 26	10 19	10 40	19 3	18 23	4 26
W23	3 4	16 28	5 15	3 7	0 39	1 48	1 14	19 30	0 51	3 23	1 38	5 17	2 38	4 1	0 37	21 58	0 30	8 47	11 27	10 19	10 39	19 3	18 23	4 26
T 24	3 28	14 6	5 12	4 6	0 29	2 18	1 13	19 40	0 52	3 20	1 38	5 18	2 37	4 3	0 37	21 58	0 30	8 47	11 27	10 18	10 38	19 2	18 24	4 25
F 25	3 51	11 5	4 55	5 5	0 19	2 49	1 12	19 50	0 52	3 17	1 38	5 20	2 37	4 4	0 37	21 57	0 30	8 47	11 27	10 18	10 37	19 2	18 24	4 25
S 26	4 14	7 29	4 24	6 4	0 8	3 19	1 11	20 0	0 53	3 14	1 38	5 22	2 37	4 5	0 37	21 57	0 30	8 46	11 27	10 17	10 36	19 2	18 25	4 25
S 27	4 37	3 28	3 39	7 3	0n 2	3 50	1 9	20 10	0 53	3 11	1 38	5 23	2 37	4 7	0 37	21 57	0 30	8 46	11 27	10 16	10 35	19 1	18 25	4 25
M28	5 0	0n50	2 41	8 1	0 13	4 20	1 8	20 20	0 53	3 8	1 38	5 25	2 37	4 8	0 37	21 57	0 30	8 45	11 28	10 15	10 34	19 1	18 26	4 25
T 29	5 23	5 12	1 32	8 58	0 24	4 50	1 6	20 29	0 54	3 5	1 38	5 27	2 37	4 10	0 37	21 57	0 30	8 45	11 28	10 15	10 32	19 0	18 27	4 24
W30	5 46	9 23	0 17	9 55	0 35	5 20	1 5	20 38	0 54	3 2	1 38	5 28	2 37	4 11	0 37	21 57	0 30	8 45	11 28	10 15	10 31	19 0	18 27	4 24
T 31	6n 8	13n 7	1s 1	10n50	0n46	5n50	1s 3	20n48	0n54	2s59	1n38	5n30	2n37	4n12	0s37	21s57	0n30	8s44	11n28	10s15	10s30	19s 0	18n28	4s24

Julian Day Number = 2089654.5, Delta T = 23m39s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'48, Lahiri = 10°02'48 Julian Calendar 1 March 1009 == Greg. Calendar 7 March 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

APRIL 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 58 35	16♈29'40	21♉44	28♈ 5	18♈29	29♉ 3	11°R10	22°R10	12♈ 4	17♎16	28°R31	26♎26	27♎ 4	29♐50	16♊11	F 1
S 2	13 2 32	17°28'07	6♊ 4	0♉ 4	19°43	29°42	11♎ 2	22♍ 6	12° 7	17°16	28♏30	26°26	27° 1	29°57	16°14	S 2
S 3	13 6 29	18°26'33	20°26	2° 1	20°58	0♊21	10°55	22° 2	12°11	17°16	28°29	26°27	26°58	0♑ 4	16°18	S 3
M 4	13 10 25	19°24'56	4♋46	3°55	22°12	1° 0	10°47	21°58	12°14	17°17	28°27	26°28	26°55	0°11	16°21	M 4
T 5	13 14 22	20°23'17	19° 0	5°46	23°26	1°39	10°39	21°55	12°17	17°17	28°26	26°R28	26°52	0°17	16°25	T 5
W 6	13 18 18	21°21'35	3♌ 7	7°34	24°40	2°18	10°32	21°51	12°21	17°17	28°25	26°28	26°48	0°24	16°29	W 6
T 7	13 22 15	22°19'52	17° 3	9°19	25°54	2°56	10°25	21°47	12°24	17°18	28°24	26°27	26°45	0°31	16°33	T 7
F 8	13 26 11	23°18'06	0♍48	11° 0	27° 8	3°35	10°17	21°43	12°28	17°18	28°23	26°27	26°42	0°37	16°37	F 8
S 9	13 30 8	24°16'18	14°21	12°38	28°22	4°14	10°10	21°40	12°31	17°18	28°21	26°27	26°39	0°44	16°41	S 9
S 10	13 34 4	25°14'28	27°41	14°11	29°36	4°53	10° 3	21°36	12°34	17°18	28°20	26°27	26°36	0°51	16°45	S 10
M11	13 38 1	26°12'37	10♎48	15°41	0♉50	5°32	9°56	21°33	12°38	17°18	28°19	26°D27	26°32	0°58	16°49	M11
T 12	13 41 58	27°10'43	23°40	17° 6	2° 4	6°11	9°48	21°30	12°41	17°18	28°18	26°R27	26°29	1° 4	16°53	T 12
W13	13 45 54	28° 8'48	6♏18	18°28	3°18	6°50	9°41	21°26	12°45	17°18	28°16	26°27	26°26	1°11	16°57	W13
T 14	13 49 51	29° 6'51	18°43	19°45	4°32	7°28	9°35	21°23	12°48	17°R18	28°15	26°26	26°23	1°18	17° 1	T 14
F 15	13 53 47	0♉ 4'53	0♐57	20°58	5°45	8° 7	9°28	21°20	12°51	17°18	28°13	26°26	26°20	1°24	17° 5	F 15
S 16	13 57 44	1° 2'53	13° 1	22° 6	6°59	8°46	9°21	21°17	12°55	17°18	28°12	26°26	26°17	1°31	17°10	S 16
S 17	14 1 40	2° 0'51	24°57	23°10	8°13	9°25	9°14	21°14	12°58	17°18	28°11	26°25	26°13	1°38	17°14	S 17
M18	14 5 37	2°58'48	6♑50	24° 9	9°27	10° 3	9° 8	21°11	13° 1	17°18	28° 9	26°24	26°10	1°44	17°19	M18
T 19	14 9 33	3°56'44	18°43	25° 4	10°41	10°42	9° 1	21° 8	13° 4	17°18	28° 8	26°24	26° 7	1°51	17°23	T 19
W20	14 13 30	4°54'38	0♒40	25°54	11°55	11°21	8°55	21° 6	13° 8	17°18	28° 6	26°D23	26° 4	1°58	17°28	W20
T 21	14 17 27	5°52'31	12°46	26°39	13° 9	11°59	8°49	21° 3	13°11	17°18	28° 5	26°23	26° 1	2° 5	17°32	T 21
F 22	14 21 23	6°50'23	25° 5	27°20	14°22	12°38	8°43	21° 0	13°14	17°17	28° 3	26°24	25°57	2°11	17°37	F 22
S 23	14 25 20	7°48'13	7♓42	27°55	15°36	13°17	8°37	20°58	13°17	17°17	28° 2	26°25	25°54	2°18	17°41	S 23
S 24	14 29 16	8°46'03	20°40	28°26	16°50	13°55	8°31	20°56	13°21	17°17	28° 0	26°26	25°51	2°25	17°46	S 24
M25	14 33 13	9°43'50	4♈ 1	28°52	18° 4	14°34	8°25	20°53	13°24	17°16	27°59	26°27	25°48	2°31	17°51	M25
T 26	14 37 9	10°41'37	17°46	29°13	19°18	15°12	8°20	20°51	13°27	17°16	27°57	26°27	25°45	2°38	17°56	T 26
W27	14 41 6	11°39'22	1♉54	29°29	20°31	15°51	8°14	20°49	13°30	17°16	27°56	26°R27	25°42	2°45	18° 0	W27
T 28	14 45 2	12°37'06	16°22	29°40	21°45	16°29	8° 9	20°47	13°33	17°15	27°54	26°27	25°38	2°52	18° 5	T 28
F 29	14 48 59	13°34'49	1♊ 3	29°46	22°59	17° 8	8° 4	20°45	13°36	17°15	27°53	26°25	25°35	2°58	18°10	F 29
S 30	14 52 56	14♉32'30	15♊51	29°R48	24♉12	17♊47	7♎59	20♍43	13♈39	17♎14	27♏51	26♎23	25♎32	3♑ 5	18♊15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n31	16n 6	2s16	11n44	0n57	6n20	1s 2	20n57	0n55	2s56	1n38	5n31	2n37	4n14	0s37	21s57	0n30	8s44	11n28	10s15	10s29	18s59	18n28	4s24
S 2	6 54	18 7	3 22	12 37	1 8	6 50	1 0	21 5	0 55	2 53	1 38	5 33	2 37	4 15	0 37	21 57	0 30	8 43	11 29	10 15	10 28	18 59	18 29	4 24
S 3	7 16	18 57	4 17	13 28	1 18	7 19	0 58	21 14	0 56	2 50	1 38	5 34	2 37	4 16	0 37	21 57	0 30	8 43	11 29	10 16	10 27	18 58	18 29	4 23
M 4	7 38	18 34	4 55	14 17	1 28	7 49	0 57	21 23	0 56	2 48	1 38	5 36	2 37	4 18	0 37	21 57	0 30	8 43	11 29	10 16	10 26	18 58	18 30	4 23
T 5	8 0	17 1	5 14	15 3	1 38	8 18	0 55	21 31	0 56	2 45	1 38	5 37	2 37	4 19	0 37	21 57	0 30	8 42	11 29	10 16	10 24	18 58	18 30	4 23
W 6	8 22	14 27	5 15	15 48	1 47	8 47	0 53	21 39	0 57	2 42	1 38	5 39	2 36	4 20	0 37	21 57	0 30	8 42	11 29	10 16	10 23	18 57	18 31	4 23
T 7	8 44	11 5	4 57	16 30	1 56	9 16	0 51	21 47	0 57	2 39	1 37	5 40	2 36	4 22	0 37	21 57	0 30	8 41	11 29	10 16	10 22	18 57	18 32	4 23
F 8	9 6	7 10	4 22	17 10	2 4	9 44	0 49	21 55	0 57	2 36	1 37	5 41	2 36	4 23	0 37	21 57	0 30	8 41	11 29	10 16	10 21	18 56	18 32	4 22
S 9	9 28	2 55	3 33	17 47	2 11	10 13	0 47	22 3	0 58	2 33	1 37	5 43	2 36	4 24	0 37	21 57	0 30	8 41	11 30	10 15	10 20	18 56	18 33	4 22
S 10	9 49	1s25	2 33	18 22	2 17	10 41	0 45	22 10	0 58	2 31	1 37	5 44	2 36	4 26	0 37	21 57	0 30	8 40	11 30	10 15	10 19	18 56	18 33	4 22
M11	10 10	5 36	1 26	18 54	2 23	11 9	0 43	22 18	0 58	2 28	1 37	5 45	2 36	4 27	0 37	21 57	0 30	8 40	11 30	10 15	10 17	18 55	18 34	4 22
T 12	10 31	9 28	0 15	19 24	2 28	11 37	0 41	22 25	0 58	2 25	1 37	5 46	2 36	4 28	0 37	21 57	0 30	8 40	11 30	10 15	10 16	18 55	18 34	4 22
W13	10 52	12 50	0n54	19 51	2 32	12 4	0 39	22 32	0 59	2 23	1 37	5 48	2 36	4 30	0 37	21 57	0 30	8 39	11 30	10 15	10 15	18 54	18 35	4 22
T 14	11 13	15 33	2 1	20 15	2 35	12 31	0 37	22 39	0 59	2 20	1 37	5 49	2 35	4 31	0 37	21 57	0 30	8 39	11 30	10 15	10 14	18 54	18 36	4 21
F 15	11 34	17 31	3 0	20 38	2 38	12 58	0 35	22 45	0 59	2 17	1 36	5 50	2 35	4 32	0 37	21 57	0 30	8 38	11 30	10 15	10 13	18 53	18 36	4 21
S 16	11 54	18 40	3 51	20 57	2 39	13 24	0 33	22 52	1 0	2 15	1 36	5 51	2 35	4 33	0 37	21 57	0 30	8 38	11 30	10 15	10 12	18 53	18 37	4 21
S 17	12 14	18 58	4 31	21 14	2 40	13 50	0 30	22 58	1 0	2 12	1 36	5 52	2 35	4 35	0 37	21 57	0 30	8 38	11 31	10 15	10 11	18 52	18 37	4 21
M18	12 34	18 25	4 59	21 29	2 39	14 16	0 28	23 4	1 0	2 10	1 36	5 53	2 35	4 36	0 37	21 57	0 30	8 37	11 31	10 14	10 9	18 52	18 38	4 21
T 19	12 54	17 4	5 14	21 41	2 37	14 42	0 26	23 10	1 0	2 8	1 36	5 54	2 35	4 37	0 37	21 57	0 30	8 37	11 31	10 14	10 8	18 52	18 38	4 21
W20	13 14	14 58	5 16	21 50	2 35	15 7	0 24	23 16	1 1	2 5	1 36	5 55	2 35	4 39	0 37	21 57	0 30	8 36	11 31	10 14	10 7	18 51	18 39	4 20
T 21	13 33	12 12	5 4	21 58	2 31	15 32	0 21	23 21	1 1	2 3	1 36	5 56	2 34	4 40	0 37	21 57	0 30	8 36	11 31	10 14	10 6	18 51	18 39	4 20
F 22	13 52	8 51	4 38	22 3	2 27	15 56	0 19	23 27	1 1	2 1	1 35	5 57	2 34	4 41	0 37	21 57	0 30	8 36	11 31	10 14	10 5	18 50	18 40	4 20
S 23	14 11	5 2	3 58	22 5	2 21	16 20	0 17	23 32	1 1	1 59	1 35	5 57	2 34	4 42	0 37	21 57	0 30	8 35	11 31	10 15	10 4	18 50	18 41	4 20
S 24	14 30	0 53	3 5	22 6	2 14	16 44	0 14	23 37	1 2	1 56	1 35	5 58	2 34	4 44	0 37	21 57	0 30	8 35	11 31	10 15	10 2	18 49	18 41	4 20
M25	14 48	3n27	2 1	22 4	2 6	17 7	0 12	23 42	1 2	1 54	1 35	5 59	2 34	4 45	0 37	21 57	0 30	8 35	11 31	10 15	10 1	18 49	18 42	4 20
T 26	15 7	7 45	0 48	22 0	1 57	17 29	0 10	23 46	1 2	1 52	1 35	6 0	2 33	4 46	0 37	21 57	0 30	8 34	11 31	10 16	10 0	18 48	18 42	4 20
W27	15 25	11 44	0s30	21 54	1 48	17 52	0 7	23 51	1 2	1 50	1 34	6 0	2 33	4 47	0 37	21 57	0 30	8 34	11 31	10 16	9 59	18 48	18 43	4 20
T 28	15 42	15 6	1 48	21 46	1 37	18 13	0 5	23 55	1 3	1 48	1 34	6 1	2 33	4 48	0 37	21 57	0 30	8 34	11 31	10 15	9 58	18 47	18 43	4 20
F 29	16 0	17 33	3 0	21 35	1 25	18 35	0 2	23 59	1 3	1 47	1 34	6 2	2 33	4 50	0 37	21 57	0 30	8 33	11 31	10 15	9 57	18 47	18 44	4 19
S 30	16n17	18n50	4s 0	21n23	1n12	18n55	0n 0	24n 3	1n 3	1s45	1n34	6n 2	2n33	4n51	0s37	21s57	0n30	8s33	11n31	10s14	9s55	18s46	18n44	4s19

Julian Day Number = 2089685.5, Delta T = 23m38s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'52, Lahiri = 10°02'53 Julian Calendar 1 Apr. 1009 == Greg. Calendar 7 Apr. 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

MAY 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 56 52	15♉30'10	0♋38	29°R45	25♉26	18♊25	7°R54	20°R41	13♈42	17°R14	27°R50	26°R21	25♎29	3♑12	18♊20	S 1
M 2	15 0 49	16°27'48	15°17	29♉37	26°40	19° 4	7♎49	20♍40	13°45	17♑13	27♏48	26♎19	25°26	3°18	18°25	M 2
T 3	15 4 45	17°25'25	29°43	29°25	27°54	19°42	7°45	20°38	13°48	17°12	27°47	26°17	25°23	3°25	18°30	T 3
W 4	15 8 42	18°23'00	13♌53	29° 9	29° 7	20°21	7°40	20°37	13°51	17°12	27°45	26°D16	25°19	3°32	18°35	W 4
T 5	15 12 38	19°20'33	27°44	28°49	0♊21	20°59	7°36	20°35	13°54	17°11	27°43	26°16	25°16	3°39	18°40	T 5
F 6	15 16 35	20°18'05	11♍16	28°25	1°34	21°37	7°32	20°34	13°57	17°11	27°42	26°17	25°13	3°45	18°45	F 6
S 7	15 20 31	21°15'36	24°31	27°59	2°48	22°16	7°28	20°33	14° 0	17°10	27°40	26°19	25°10	3°52	18°51	S 7
S 8	15 24 28	22°13'05	7♎29	27°30	4° 2	22°54	7°24	20°32	14° 3	17° 9	27°38	26°20	25° 7	3°59	18°56	S 8
M 9	15 28 24	23°10'33	20°14	26°59	5°15	23°33	7°21	20°31	14° 6	17° 8	27°37	26°R21	25° 3	4° 5	19° 1	M 9
T 10	15 32 21	24° 7'59	2♏46	26°27	6°29	24°11	7°17	20°30	14° 9	17° 8	27°35	26°21	25° 0	4°12	19° 6	T 10
W11	15 36 18	25° 5'25	15° 8	25°53	7°42	24°49	7°14	20°29	14°12	17° 7	27°34	26°20	24°57	4°19	19°12	W11
T 12	15 40 14	26° 2'49	27°20	25°20	8°56	25°28	7°11	20°29	14°14	17° 6	27°32	26°17	24°54	4°26	19°17	T 12
F 13	15 44 11	27° 0'13	9♐25	24°46	10° 9	26° 6	7° 8	20°28	14°17	17° 5	27°30	26°13	24°51	4°32	19°22	F 13
S 14	15 48 7	27°57'35	21°24	24°14	11°23	26°44	7° 5	20°28	14°20	17° 4	27°29	26° 8	24°48	4°39	19°28	S 14
S 15	15 52 4	28°54'57	3♑18	23°42	12°36	27°23	7° 2	20°27	14°22	17° 3	27°27	26° 2	24°44	4°46	19°33	S 15
M16	15 56 0	29°52'18	15°10	23°13	13°50	28° 1	7° 0	20°27	14°25	17° 2	27°26	25°56	24°41	4°52	19°38	M16
T 17	15 59 57	0♊49'38	27° 3	22°46	15° 3	28°39	6°58	20°27	14°28	17° 1	27°24	25°51	24°38	4°59	19°44	T 17
W18	16 3 54	1°46'58	9♒ 0	22°22	16°17	29°18	6°56	20°D27	14°30	17° 0	27°22	25°47	24°35	5° 6	19°49	W18
T 19	16 7 50	2°44'17	21° 4	22° 1	17°30	29°56	6°54	20°27	14°33	16°59	27°21	25°45	24°32	5°13	19°55	T 19
F 20	16 11 47	3°41'35	3♓21	21°43	18°44	0♋34	6°52	20°27	14°35	16°58	27°19	25°D44	24°29	5°19	20° 0	F 20
S 21	16 15 43	4°38'53	15°54	21°30	19°57	1°12	6°51	20°27	14°38	16°57	27°17	25°45	24°25	5°26	20° 6	S 21
S 22	16 19 40	5°36'11	28°49	21°20	21°10	1°51	6°49	20°28	14°40	16°56	27°16	25°46	24°22	5°33	20°11	S 22
M23	16 23 36	6°33'28	12♈ 7	21°15	22°24	2°29	6°48	20°28	14°43	16°55	27°14	25°48	24°19	5°39	20°17	M23
T 24	16 27 33	7°30'44	25°53	21°D14	23°37	3° 7	6°47	20°29	14°45	16°54	27°13	25°R48	24°16	5°46	20°22	T 24
W25	16 31 29	8°28'01	10♉ 6	21°18	24°51	3°45	6°46	20°29	14°48	16°53	27°11	25°47	24°13	5°53	20°28	W25
T 26	16 35 26	9°25'16	24°44	21°26	26° 4	4°24	6°46	20°30	14°50	16°51	27° 9	25°45	24° 9	6° 0	20°33	T 26
F 27	16 39 23	10°22'32	9♊41	21°39	27°17	5° 2	6°45	20°31	14°52	16°50	27° 8	25°40	24° 6	6° 6	20°39	F 27
S 28	16 43 19	11°19'47	24°49	21°56	28°31	5°40	6°45	20°32	14°54	16°49	27° 6	25°34	24° 3	6°13	20°45	S 28
S 29	16 47 16	12°17'01	9♋58	22°18	29°44	6°18	6°D45	20°33	14°57	16°48	27° 5	25°27	24° 0	6°20	20°50	S 29
M30	16 51 12	13°14'15	24°58	22°44	0♌57	6°56	6°45	20°34	14°59	16°46	27° 3	25°21	23°57	6°26	20°56	M30
T 31	16 55 9	14♊11'28	9♌41	23♉15	2♌11	7♋34	6♎45	20♍35	15♈ 1	16♑45	27♏ 2	25♎15	23♎54	6♑33	21♊ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n34	18n50	4s44	21n 9	0n58	19n16	0n 3	24n 7	1n 3	1s43	1n34	6n 3	2n33	4n52	0s37	21s57	0n30	8s33	11n31	10s13	9s54	18s46	18n45	4s19
M 2	16 51	17 34	5 9	20 53	0 43	19 36	0 5	24 10	1 4	1 41	1 33	6 3	2 32	4 53	0 37	21 57	0 30	8 32	11 31	10 12	9 53	18 45	18 45	4 19
T 3	17 7	15 11	5 14	20 35	0 28	19 55	0 7	24 13	1 4	1 40	1 33	6 3	2 32	4 54	0 37	21 57	0 30	8 32	11 31	10 12	9 52	18 45	18 46	4 19
W 4	17 23	11 57	5 0	20 16	0 12	20 14	0 10	24 16	1 4	1 38	1 33	6 4	2 32	4 56	0 37	21 57	0 30	8 32	11 31	10 11	9 51	18 44	18 46	4 19
T 5	17 39	8 7	4 29	19 56	0s 4	20 32	0 12	24 19	1 4	1 37	1 33	6 4	2 32	4 57	0 37	21 57	0 30	8 31	11 31	10 12	9 50	18 44	18 47	4 19
F 6	17 55	3 56	3 43	19 34	0 21	20 49	0 15	24 22	1 4	1 35	1 32	6 5	2 32	4 58	0 37	21 57	0 30	8 31	11 31	10 12	9 48	18 43	18 47	4 19
S 7	18 10	0s21	2 46	19 11	0 39	21 7	0 17	24 25	1 5	1 34	1 32	6 5	2 31	4 59	0 37	21 58	0 30	8 31	11 31	10 12	9 47	18 43	18 48	4 19
S 8	18 25	4 33	1 42	18 48	0 56	21 23	0 20	24 27	1 5	1 33	1 32	6 5	2 31	5 0	0 37	21 58	0 30	8 30	11 31	10 13	9 46	18 42	18 48	4 19
M 9	18 40	8 28	0 34	18 24	1 13	21 39	0 22	24 29	1 5	1 32	1 32	6 5	2 31	5 1	0 37	21 58	0 30	8 30	11 31	10 13	9 45	18 42	18 49	4 19
T 10	18 54	11 57	0n35	18 0	1 31	21 54	0 24	24 31	1 5	1 30	1 31	6 5	2 31	5 2	0 37	21 58	0 30	8 30	11 31	10 13	9 44	18 41	18 49	4 19
W11	19 8	14 51	1 41	17 35	1 47	22 9	0 27	24 33	1 5	1 29	1 31	6 5	2 31	5 3	0 37	21 58	0 30	8 30	11 31	10 13	9 43	18 41	18 50	4 19
T 12	19 22	17 3	2 42	17 11	2 4	22 23	0 29	24 35	1 5	1 28	1 31	6 6	2 30	5 4	0 37	21 58	0 30	8 29	11 31	10 12	9 41	18 40	18 50	4 19
F 13	19 35	18 27	3 34	16 48	2 20	22 37	0 32	24 36	1 6	1 27	1 31	6 6	2 30	5 5	0 37	21 58	0 30	8 29	11 31	10 10	9 40	18 40	18 51	4 18
S 14	19 49	19 1	4 16	16 26	2 35	22 49	0 34	24 37	1 6	1 27	1 30	6 6	2 30	5 6	0 37	21 58	0 30	8 29	11 31	10 8	9 39	18 39	18 51	4 18
S 15	20 1	18 44	4 47	16 4	2 49	23 2	0 36	24 38	1 6	1 26	1 30	6 5	2 30	5 8	0 37	21 58	0 30	8 29	11 30	10 6	9 38	18 39	18 51	4 18
M16	20 14	17 38	5 6	15 44	3 2	23 13	0 39	24 39	1 6	1 25	1 30	6 5	2 29	5 9	0 37	21 58	0 30	8 28	11 30	10 4	9 37	18 38	18 52	4 18
T 17	20 26	15 46	5 11	15 26	3 14	23 24	0 41	24 40	1 6	1 24	1 30	6 5	2 29	5 10	0 37	21 59	0 30	8 28	11 30	10 2	9 36	18 38	18 52	4 18
W18	20 38	13 14	5 3	15 9	3 25	23 34	0 43	24 40	1 6	1 24	1 29	6 5	2 29	5 11	0 37	21 59	0 30	8 28	11 30	10 1	9 34	18 37	18 53	4 18
T 19	20 49	10 6	4 41	14 55	3 34	23 44	0 45	24 41	1 7	1 23	1 29	6 5	2 29	5 12	0 37	21 59	0 30	8 28	11 30	10 0	9 33	18 37	18 53	4 18
F 20	21 0	6 30	4 7	14 42	3 43	23 52	0 48	24 41	1 7	1 23	1 29	6 5	2 29	5 12	0 37	21 59	0 30	8 27	11 30	10 0	9 32	18 36	18 54	4 18
S 21	21 11	2 31	3 20	14 32	3 50	24 0	0 50	24 40	1 7	1 23	1 29	6 4	2 28	5 13	0 37	21 59	0 30	8 27	11 30	10 0	9 31	18 35	18 54	4 18
S 22	21 21	1n41	2 21	14 24	3 56	24 8	0 52	24 40	1 7	1 22	1 28	6 4	2 28	5 14	0 37	21 59	0 30	8 27	11 30	10 1	9 30	18 35	18 54	4 18
M23	21 31	5 57	1 14	14 18	4 1	24 15	0 54	24 40	1 7	1 22	1 28	6 4	2 28	5 15	0 37	21 59	0 30	8 27	11 29	10 1	9 29	18 34	18 55	4 18
T 24	21 41	10 3	0s 0	14 14	4 4	24 21	0 56	24 39	1 7	1 22	1 28	6 3	2 28	5 16	0 37	22 0	0 30	8 27	11 29	10 1	9 27	18 34	18 55	4 18
W25	21 50	13 43	1 17	14 13	4 6	24 26	0 58	24 38	1 7	1 22	1 27	6 3	2 27	5 17	0 37	22 0	0 30	8 26	11 29	10 1	9 26	18 33	18 55	4 18
T 26	21 59	16 38	2 30	14 14	4 7	24 30	1 0	24 37	1 8	1 22	1 27	6 2	2 27	5 18	0 37	22 0	0 30	8 26	11 29	10 0	9 25	18 33	18 56	4 18
F 27	22 7	18 29	3 35	14 18	4 7	24 34	1 2	24 36	1 8	1 22	1 27	6 2	2 27	5 19	0 37	22 0	0 30	8 26	11 29	9 58	9 24	18 32	18 56	4 18
S 28	22 15	19 3	4 25	14 23	4 6	24 37	1 4	24 34	1 8	1 22	1 27	6 1	2 27	5 20	0 37	22 0	0 30	8 26	11 29	9 56	9 23	18 31	18 57	4 18
S 29	22 23	18 15	4 57	14 31	4 3	24 40	1 6	24 33	1 8	1 22	1 26	6 0	2 27	5 21	0 37	22 0	0 30	8 26	11 28	9 54	9 21	18 31	18 57	4 18
M30	22 30	16 12	5 8	14 41	4 0	24 42	1 8	24 31	1 8	1 23	1 26	6 0	2 26	5 21	0 37	22 0	0 30	8 26	11 28	9 51	9 20	18 30	18 57	4 19
T 31	22n37	13n 8	4s58	14n53	3s56	24n42	1n10	24n29	1n 8	1s23	1n26	5n59	2n26	5n22	0s37	22s 1	0n30	8s25	11n28	9s49	9s19	18s30	18n58	4s19

Julian Day Number = 2089715.5, Delta T = 23m38s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°55'56, Lahiri = 10°02'57 Julian Calendar 1 May 1009 == Greg. Calendar 7 May 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

JUNE 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 59 5	15♊ 8'41	24♌ 1	23♉51	3♋24	8♋13	6♎46	20♍37	15♈ 3	16°R44	27°R 0	25°R11	23♎50	6♑40	21♊ 7	W 1
T 2	17 3 2	16° 5'52	7♍56	24°31	4°37	8°51	6°47	20°38	15° 5	16♑43	26♏59	25♎ 9	23°47	6°47	21°13	T 2
F 3	17 6 58	17° 3'03	21°25	25°15	5°50	9°29	6°47	20°40	15° 7	16°41	26°57	25°D 9	23°44	6°53	21°19	F 3
S 4	17 10 55	18° 0'13	4♎32	26° 3	7° 4	10° 7	6°48	20°41	15° 9	16°40	26°56	25°10	23°41	7° 0	21°24	S 4
S 5	17 14 52	18°57'23	17°19	26°56	8°17	10°45	6°50	20°43	15°11	16°38	26°54	25°11	23°38	7° 7	21°30	S 5
M 6	17 18 48	19°54'33	29°50	27°52	9°30	11°23	6°51	20°45	15°13	16°37	26°53	25°R11	23°35	7°13	21°36	M 6
T 7	17 22 45	20°51'42	12♏ 8	28°53	10°43	12° 1	6°52	20°47	15°15	16°36	26°51	25°10	23°31	7°20	21°41	T 7
W 8	17 26 41	21°48'50	24°17	29°58	11°56	12°40	6°54	20°49	15°17	16°34	26°50	25° 6	23°28	7°27	21°47	W 8
T 9	17 30 38	22°45'59	6♐18	1♊ 6	13° 9	13°18	6°56	20°51	15°18	16°33	26°48	25° 0	23°25	7°34	21°53	T 9
F 10	17 34 34	23°43'07	18°16	2°19	14°23	13°56	6°58	20°53	15°20	16°31	26°47	24°51	23°22	7°40	21°58	F 10
S 11	17 38 31	24°40'15	0♑10	3°35	15°36	14°34	7° 0	20°55	15°22	16°30	26°46	24°41	23°19	7°47	22° 4	S 11
S 12	17 42 27	25°37'23	12° 2	4°56	16°49	15°12	7° 3	20°58	15°23	16°28	26°44	24°30	23°15	7°54	22°10	S 12
M13	17 46 24	26°34'31	23°55	6°20	18° 2	15°50	7° 5	21° 0	15°25	16°27	26°43	24°18	23°12	8° 1	22°16	M13
T 14	17 50 21	27°31'40	5♒49	7°47	19°15	16°28	7° 8	21° 3	15°27	16°25	26°42	24° 8	23° 9	8° 7	22°21	T 14
W15	17 54 17	28°28'48	17°48	9°18	20°28	17° 6	7°11	21° 6	15°28	16°24	26°40	24° 0	23° 6	8°14	22°27	W15
T 16	17 58 14	29°25'57	29°53	10°53	21°41	17°44	7°14	21° 8	15°30	16°22	26°39	23°53	23° 3	8°21	22°33	T 16
F 17	18 2 10	0♋23'06	12♓10	12°32	22°54	18°22	7°17	21°11	15°31	16°21	26°38	23°50	23° 0	8°27	22°38	F 17
S 18	18 6 7	1°20'16	24°41	14°14	24° 7	19° 0	7°21	21°14	15°32	16°19	26°36	23°48	22°56	8°34	22°44	S 18
S 19	18 10 3	2°17'26	7♈31	15°59	25°20	19°38	7°24	21°17	15°34	16°18	26°35	23°D48	22°53	8°41	22°50	S 19
M20	18 14 0	3°14'36	20°44	17°47	26°33	20°16	7°28	21°20	15°35	16°16	26°34	23°R48	22°50	8°48	22°55	M20
T 21	18 17 56	4°11'47	4♉24	19°38	27°46	20°54	7°32	21°24	15°36	16°15	26°33	23°48	22°47	8°54	23° 1	T 21
W22	18 21 53	5° 8'59	18°31	21°32	28°59	21°33	7°36	21°27	15°38	16°13	26°32	23°46	22°44	9° 1	23° 7	W22
T 23	18 25 50	6° 6'11	3♊ 7	23°29	0♌12	22°11	7°40	21°30	15°39	16°11	26°30	23°42	22°40	9° 8	23°12	T 23
F 24	18 29 46	7° 3'24	18° 5	25°28	1°25	22°49	7°45	21°34	15°40	16°10	26°29	23°35	22°37	9°14	23°18	F 24
S 25	18 33 43	8° 0'37	3♋19	27°29	2°38	23°27	7°49	21°37	15°41	16° 8	26°28	23°25	22°34	9°21	23°23	S 25
S 26	18 37 39	8°57'51	18°38	29°33	3°51	24° 5	7°54	21°41	15°42	16° 7	26°27	23°15	22°31	9°28	23°29	S 26
M27	18 41 36	9°55'05	3♌51	1♋37	5° 3	24°43	7°59	21°45	15°43	16° 5	26°26	23° 5	22°28	9°35	23°35	M27
T 28	18 45 32	10°52'20	18°46	3°43	6°16	25°21	8° 4	21°48	15°44	16° 3	26°25	22°56	22°25	9°41	23°40	T 28
W29	18 49 29	11°49'34	3♍18	5°50	7°29	25°59	8° 9	21°52	15°45	16° 2	26°24	22°50	22°21	9°48	23°46	W29
T 30	18 53 25	12♋46'49	17♍20	7♋57	8♌42	26♋37	8♎14	21♍56	15♈45	16♑ 0	26♏23	22♎45	22♎18	9♑55	23♊51	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n44	9n20	4s30	15n 6	3s51	24n43	1n11	24n27	1n 8	1s24	1n25	5n58	2n26	5n23	0s38	22s 1	0n30	8s25	11n28	9s48	9s18	18s29	18n58	4s19
T 2	22 50	5 8	3 46	15 21	3 45	24 42	1 13	24 24	1 8	1 24	1 25	5 58	2 26	5 24	0 38	22 1	0 30	8 25	11 28	9 47	9 17	18 29	18 58	4 19
F 3	22 56	0 48	2 51	15 38	3 38	24 41	1 15	24 22	1 8	1 25	1 25	5 57	2 25	5 25	0 38	22 1	0 30	8 25	11 27	9 47	9 16	18 28	18 58	4 19
S 4	23 1	3s28	1 49	15 57	3 31	24 39	1 16	24 19	1 9	1 25	1 25	5 56	2 25	5 25	0 38	22 1	0 30	8 25	11 27	9 47	9 14	18 27	18 59	4 19
S 5	23 6	7 29	0 42	16 17	3 23	24 36	1 18	24 16	1 9	1 26	1 24	5 55	2 25	5 26	0 38	22 1	0 30	8 25	11 27	9 48	9 13	18 27	18 59	4 19
M 6	23 11	11 5	0n25	16 38	3 14	24 33	1 20	24 13	1 9	1 27	1 24	5 54	2 25	5 27	0 38	22 2	0 30	8 25	11 27	9 48	9 12	18 26	18 59	4 19
T 7	23 15	14 8	1 30	17 0	3 5	24 29	1 21	24 10	1 9	1 28	1 24	5 53	2 25	5 27	0 38	22 2	0 30	8 25	11 26	9 47	9 11	18 26	19 0	4 19
W 8	23 19	16 32	2 29	17 24	2 55	24 24	1 22	24 6	1 9	1 29	1 23	5 52	2 24	5 28	0 38	22 2	0 30	8 25	11 26	9 46	9 10	18 25	19 0	4 19
T 9	23 22	18 10	3 22	17 48	2 45	24 18	1 24	24 2	1 9	1 30	1 23	5 51	2 24	5 29	0 38	22 2	0 30	8 25	11 26	9 44	9 9	18 24	19 0	4 19
F 10	23 25	18 59	4 4	18 13	2 34	24 12	1 25	23 59	1 9	1 31	1 23	5 50	2 24	5 29	0 38	22 2	0 30	8 25	11 26	9 40	9 7	18 24	19 0	4 19
S 11	23 27	18 58	4 36	18 38	2 23	24 5	1 26	23 55	1 9	1 32	1 23	5 49	2 24	5 30	0 38	22 3	0 30	8 25	11 25	9 37	9 6	18 23	19 1	4 19
S 12	23 30	18 6	4 56	19 5	2 11	23 57	1 28	23 50	1 9	1 33	1 22	5 48	2 23	5 31	0 38	22 3	0 30	8 25	11 25	9 32	9 5	18 22	19 1	4 20
M13	23 31	16 28	5 3	19 31	2 0	23 48	1 29	23 46	1 9	1 34	1 22	5 47	2 23	5 31	0 38	22 3	0 30	8 25	11 25	9 28	9 4	18 22	19 1	4 20
T 14	23 33	14 7	4 57	19 57	1 48	23 39	1 30	23 41	1 9	1 36	1 22	5 45	2 23	5 32	0 38	22 3	0 30	8 24	11 24	9 25	9 3	18 21	19 1	4 20
W15	23 33	11 10	4 38	20 24	1 35	23 29	1 31	23 37	1 9	1 37	1 22	5 44	2 23	5 32	0 38	22 3	0 30	8 24	11 24	9 21	9 1	18 21	19 1	4 20
T 16	23 34	7 44	4 6	20 50	1 23	23 19	1 32	23 32	1 9	1 39	1 21	5 43	2 23	5 33	0 38	22 3	0 30	8 25	11 24	9 19	9 0	18 20	19 2	4 20
F 17	23 34	3 55	3 22	21 15	1 10	23 8	1 33	23 27	1 9	1 40	1 21	5 41	2 22	5 33	0 38	22 4	0 30	8 25	11 24	9 18	8 59	18 19	19 2	4 20
S 18	23 34	0n 9	2 28	21 40	0 58	22 56	1 33	23 21	1 9	1 42	1 21	5 40	2 22	5 34	0 38	22 4	0 30	8 25	11 23	9 17	8 58	18 19	19 2	4 20
S 19	23 33	4 18	1 26	22 4	0 45	22 43	1 34	23 16	1 10	1 43	1 20	5 39	2 22	5 34	0 38	22 4	0 30	8 25	11 23	9 17	8 57	18 18	19 2	4 20
M20	23 32	8 23	0 16	22 27	0 33	22 30	1 35	23 10	1 10	1 45	1 20	5 37	2 22	5 35	0 38	22 4	0 30	8 25	11 23	9 17	8 56	18 17	19 2	4 21
T 21	23 30	12 10	0s56	22 49	0 21	22 16	1 35	23 5	1 10	1 47	1 20	5 36	2 22	5 35	0 38	22 4	0 30	8 25	11 22	9 17	8 54	18 17	19 2	4 21
W22	23 28	15 24	2 7	23 9	0 9	22 2	1 36	22 59	1 10	1 49	1 20	5 34	2 21	5 36	0 38	22 5	0 30	8 25	11 22	9 16	8 53	18 16	19 3	4 21
T 23	23 25	17 45	3 12	23 27	0n 3	21 47	1 36	22 53	1 10	1 51	1 19	5 33	2 21	5 36	0 38	22 5	0 30	8 25	11 22	9 15	8 52	18 15	19 3	4 21
F 24	23 23	18 57	4 6	23 43	0 14	21 31	1 37	22 46	1 10	1 53	1 19	5 31	2 21	5 37	0 38	22 5	0 30	8 25	11 21	9 12	8 51	18 15	19 3	4 21
S 25	23 19	18 48	4 43	23 58	0 25	21 15	1 37	22 40	1 10	1 55	1 19	5 30	2 21	5 37	0 38	22 5	0 30	8 25	11 21	9 9	8 50	18 14	19 3	4 21
S 26	23 16	17 18	5 0	24 9	0 35	20 58	1 37	22 33	1 10	1 57	1 19	5 28	2 21	5 37	0 38	22 5	0 30	8 25	11 21	9 5	8 48	18 13	19 3	4 22
M27	23 12	14 36	4 56	24 19	0 45	20 41	1 37	22 26	1 10	1 59	1 18	5 26	2 20	5 38	0 38	22 6	0 30	8 25	11 20	9 1	8 47	18 13	19 3	4 22
T 28	23 7	10 58	4 32	24 25	0 54	20 23	1 38	22 19	1 10	2 1	1 18	5 25	2 20	5 38	0 38	22 6	0 30	8 25	11 20	8 58	8 46	18 12	19 3	4 22
W29	23 2	6 47	3 50	24 29	1 3	20 4	1 38	22 12	1 10	2 4	1 18	5 23	2 20	5 38	0 38	22 6	0 30	8 25	11 20	8 55	8 45	18 11	19 3	4 22
T 30	22n57	2n20	2s56	24n30	1n11	19n45	1n38	22n 5	1n10	2s 6	1n18	5n21	2n20	5n39	0s38	22s 6	0n30	8s26	11n19	8s54	8s44	18s11	19n 3	4s22

Julian Day Number = 2089746.5, Delta T = 23m38s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'01, Lahiri = 10°03'01 Julian Calendar 1 June 1009 == Greg. Calendar 7 June 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

JULY 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 57 22	13♋44'05	0♎54	10♋ 5	9♌55	27♋15	8♎20	22♍ 0	15♈46	15°R59	26°R22	22°R43	22♎15	10♑ 2	23♊57	F 1
S 2	19 1 19	14°41'20	14° 2	12°13	11° 7	27°53	8°25	22° 4	15°47	15♑57	26♏21	22°D43	22°12	10° 8	24° 2	S 2
S 3	19 5 15	15°38'36	26°46	14°20	12°20	28°31	8°31	22° 9	15°48	15°55	26°20	22°R43	22° 9	10°15	24° 8	S 3
M 4	19 9 12	16°35'52	9♏11	16°27	13°33	29° 9	8°37	22°13	15°48	15°54	26°19	22♎42	22° 6	10°22	24°13	M 4
T 5	19 13 8	17°33'09	21°22	18°34	14°46	29°47	8°43	22°17	15°49	15°52	26°18	22°40	22° 2	10°28	24°19	T 5
W 6	19 17 5	18°30'27	3♐24	20°39	15°58	0♌25	8°49	22°22	15°49	15°50	26°18	22°35	21°59	10°35	24°24	W 6
T 7	19 21 1	19°27'45	15°20	22°44	17°11	1° 3	8°56	22°26	15°50	15°49	26°17	22°27	21°56	10°42	24°29	T 7
F 8	19 24 58	20°25'03	27°12	24°47	18°23	1°41	9° 2	22°31	15°50	15°47	26°16	22°17	21°53	10°49	24°35	F 8
S 9	19 28 54	21°22'23	9♑ 4	26°49	19°36	2°19	9° 9	22°36	15°51	15°46	26°15	22° 4	21°50	10°55	24°40	S 9
S 10	19 32 51	22°19'43	20°58	28°50	20°48	2°57	9°15	22°40	15°51	15°44	26°15	21°50	21°46	11° 2	24°45	S 10
M11	19 36 48	23°17'04	2♒53	0♌49	22° 1	3°35	9°22	22°45	15°51	15°42	26°14	21°36	21°43	11° 9	24°51	M11
T 12	19 40 44	24°14'26	14°53	2°46	23°13	4°14	9°29	22°50	15°52	15°41	26°13	21°24	21°40	11°15	24°56	T 12
W13	19 44 41	25°11'49	26°58	4°43	24°26	4°52	9°37	22°55	15°52	15°39	26°13	21°13	21°37	11°22	25° 1	W13
T 14	19 48 37	26° 9'13	9♓10	6°37	25°38	5°30	9°44	23° 0	15°52	15°38	26°12	21° 5	21°34	11°29	25° 6	T 14
F 15	19 52 34	27° 6'38	21°32	8°30	26°51	6° 8	9°51	23° 5	15°52	15°36	26°11	21° 0	21°31	11°36	25°11	F 15
S 16	19 56 30	28° 4'05	4♈ 6	10°22	28° 3	6°46	9°59	23°10	15°R52	15°34	26°11	20°57	21°27	11°42	25°16	S 16
S 17	20 0 27	29° 1'33	16°56	12°12	29°15	7°24	10° 6	23°15	15°52	15°33	26°10	20°D56	21°24	11°49	25°22	S 17
M18	20 4 23	29°59'02	0♉ 6	14° 0	0♍28	8° 2	10°14	23°21	15°52	15°31	26°10	20°R56	21°21	11°56	25°27	M18
T 19	20 8 20	0♌56'33	13°39	15°47	1°40	8°40	10°22	23°26	15°52	15°30	26° 9	20°56	21°18	12° 2	25°32	T 19
W20	20 12 17	1°54'05	27°37	17°32	2°52	9°18	10°30	23°31	15°52	15°28	26° 9	20°54	21°15	12° 9	25°37	W20
T 21	20 16 13	2°51'39	12♊ 1	19°16	4° 5	9°56	10°38	23°37	15°51	15°27	26° 9	20°50	21°12	12°16	25°42	T 21
F 22	20 20 10	3°49'14	26°48	20°58	5°17	10°34	10°46	23°42	15°51	15°25	26° 8	20°43	21° 8	12°23	25°47	F 22
S 23	20 24 6	4°46'51	11♋53	22°38	6°29	11°12	10°55	23°48	15°51	15°24	26° 8	20°34	21° 5	12°29	25°51	S 23
S 24	20 28 3	5°44'29	27° 5	24°18	7°41	11°51	11° 3	23°53	15°51	15°22	26° 8	20°24	21° 2	12°36	25°56	S 24
M25	20 31 59	6°42'08	12♌16	25°55	8°53	12°29	11°12	23°59	15°50	15°21	26° 7	20°13	20°59	12°43	26° 1	M25
T 26	20 35 56	7°39'49	27°13	27°31	10° 5	13° 7	11°21	24° 5	15°50	15°19	26° 7	20° 4	20°56	12°50	26° 6	T 26
W27	20 39 52	8°37'30	11♍49	29° 6	11°17	13°45	11°30	24°11	15°49	15°18	26° 7	19°57	20°52	12°56	26°10	W27
T 28	20 43 49	9°35'13	25°57	0♍39	12°29	14°23	11°38	24°17	15°49	15°16	26° 7	19°53	20°49	13° 3	26°15	T 28
F 29	20 47 46	10°32'57	9♎37	2°11	13°41	15° 1	11°48	24°23	15°48	15°15	26° 7	19°51	20°46	13°10	26°20	F 29
S 30	20 51 42	11°30'42	22°48	3°41	14°53	15°40	11°57	24°29	15°47	15°13	26° 6	19°D50	20°43	13°16	26°24	S 30
S 31	20 55 39	12♌28'29	5♏35	5♍10	16♍ 5	16♌18	12♎ 6	24♍35	15♈47	15♑12	26♏ 6	19♎51	20♎40	13♑23	26♊29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n51	2s 5	1s53	24n28	1n18	19n25	1n37	21n58	1n10	2s 8	1n17	5n19	2n20	5n39	0s38	22s 6	0n30	8s26	11n19	8s53	8s42	18s10	19n 3	4s22
S 2	22 45	6 16	0 46	24 24	1 24	19 5	1 37	21 50	1 10	2 11	1 17	5 18	2 19	5 39	0 38	22 7	0 30	8 26	11 18	8 53	8 41	18 9	19 3	4 23
S 3	22 39	10 2	0n21	24 17	1 30	18 44	1 37	21 42	1 10	2 13	1 17	5 16	2 19	5 39	0 38	22 7	0 30	8 26	11 18	8 53	8 40	18 9	19 3	4 23
M 4	22 32	13 16	1 26	24 7	1 35	18 23	1 37	21 34	1 10	2 16	1 17	5 14	2 19	5 40	0 38	22 7	0 30	8 26	11 18	8 53	8 39	18 8	19 3	4 23
T 5	22 24	15 52	2 25	23 54	1 39	18 1	1 36	21 26	1 10	2 18	1 16	5 12	2 19	5 40	0 38	22 7	0 30	8 26	11 17	8 52	8 38	18 7	19 3	4 23
W 6	22 17	17 43	3 17	23 39	1 42	17 39	1 36	21 18	1 10	2 21	1 16	5 10	2 19	5 40	0 38	22 7	0 30	8 27	11 17	8 50	8 36	18 7	19 3	4 24
T 7	22 9	18 47	4 0	23 21	1 45	17 17	1 35	21 10	1 10	2 24	1 16	5 8	2 19	5 40	0 38	22 8	0 30	8 27	11 16	8 47	8 35	18 6	19 3	4 24
F 8	22 0	19 0	4 32	23 2	1 46	16 53	1 34	21 1	1 10	2 27	1 16	5 6	2 18	5 40	0 38	22 8	0 30	8 27	11 16	8 43	8 34	18 5	19 3	4 24
S 9	21 51	18 24	4 52	22 40	1 48	16 30	1 34	20 53	1 10	2 29	1 15	5 4	2 18	5 40	0 38	22 8	0 30	8 27	11 16	8 38	8 33	18 5	19 3	4 24
S 10	21 42	16 59	5 0	22 16	1 48	16 6	1 33	20 44	1 10	2 32	1 15	5 2	2 18	5 41	0 39	22 8	0 30	8 28	11 15	8 33	8 32	18 4	19 3	4 25
M11	21 33	14 51	4 54	21 50	1 48	15 42	1 32	20 35	1 10	2 35	1 15	5 0	2 18	5 41	0 39	22 9	0 30	8 28	11 15	8 28	8 31	18 3	19 3	4 25
T 12	21 23	12 4	4 35	21 23	1 47	15 17	1 31	20 26	1 10	2 38	1 15	4 58	2 18	5 41	0 39	22 9	0 30	8 28	11 14	8 23	8 29	18 3	19 3	4 25
W13	21 12	8 46	4 4	20 54	1 46	14 52	1 30	20 17	1 10	2 41	1 14	4 56	2 18	5 41	0 39	22 9	0 30	8 28	11 14	8 19	8 28	18 2	19 3	4 25
T 14	21 2	5 4	3 21	20 23	1 44	14 26	1 29	20 7	1 10	2 44	1 14	4 54	2 17	5 41	0 39	22 9	0 30	8 29	11 14	8 16	8 27	18 1	19 3	4 26
F 15	20 51	1 6	2 29	19 51	1 41	14 0	1 28	19 58	1 10	2 48	1 14	4 51	2 17	5 41	0 39	22 9	0 30	8 29	11 13	8 14	8 26	18 0	19 3	4 26
S 16	20 39	2n59	1 28	19 18	1 38	13 34	1 26	19 48	1 10	2 51	1 14	4 49	2 17	5 41	0 39	22 10	0 30	8 29	11 13	8 13	8 25	18 0	19 3	4 26
S 17	20 28	7 1	0 21	18 44	1 34	13 7	1 25	19 38	1 10	2 54	1 13	4 47	2 17	5 41	0 39	22 10	0 30	8 30	11 12	8 13	8 23	17 59	19 3	4 26
M18	20 16	10 49	0s48	18 9	1 30	12 40	1 24	19 29	1 10	2 57	1 13	4 45	2 17	5 41	0 39	22 10	0 30	8 30	11 12	8 13	8 22	17 58	19 3	4 27
T 19	20 3	14 9	1 57	17 33	1 26	12 13	1 22	19 18	1 10	3 0	1 13	4 43	2 17	5 41	0 39	22 10	0 30	8 30	11 11	8 13	8 21	17 57	19 3	4 27
W20	19 50	16 48	3 1	16 57	1 21	11 45	1 20	19 8	1 10	3 4	1 13	4 40	2 16	5 41	0 39	22 10	0 30	8 30	11 11	8 12	8 20	17 57	19 2	4 27
T 21	19 37	18 28	3 56	16 19	1 16	11 17	1 19	18 58	1 10	3 7	1 13	4 38	2 16	5 40	0 39	22 10	0 30	8 31	11 11	8 10	8 19	17 56	19 2	4 28
F 22	19 24	18 56	4 36	15 41	1 10	10 49	1 17	18 48	1 9	3 11	1 12	4 36	2 16	5 40	0 39	22 11	0 30	8 31	11 10	8 8	8 17	17 55	19 2	4 28
S 23	19 10	18 5	4 58	15 3	1 4	10 21	1 15	18 37	1 9	3 14	1 12	4 33	2 16	5 40	0 39	22 11	0 30	8 32	11 10	8 4	8 16	17 55	19 2	4 28
S 24	18 56	15 57	4 59	14 24	0 58	9 52	1 13	18 26	1 9	3 18	1 12	4 31	2 16	5 40	0 39	22 11	0 30	8 32	11 9	8 1	8 15	17 54	19 2	4 28
M25	18 42	12 44	4 40	13 45	0 51	9 23	1 11	18 15	1 9	3 21	1 12	4 29	2 16	5 40	0 39	22 11	0 30	8 32	11 9	7 57	8 14	17 53	19 2	4 29
T 26	18 27	8 44	4 1	13 5	0 44	8 54	1 9	18 4	1 9	3 25	1 11	4 26	2 16	5 40	0 39	22 11	0 30	8 33	11 8	7 53	8 13	17 52	19 1	4 29
W27	18 12	4 17	3 7	12 25	0 37	8 24	1 7	17 53	1 9	3 29	1 11	4 24	2 15	5 39	0 39	22 12	0 30	8 33	11 8	7 51	8 11	17 52	19 1	4 29
T 28	17 57	0s16	2 3	11 46	0 30	7 55	1 5	17 42	1 9	3 32	1 11	4 21	2 15	5 39	0 39	22 12	0 30	8 33	11 7	7 49	8 10	17 51	19 1	4 30
F 29	17 41	4 39	0 54	11 6	0 22	7 25	1 3	17 31	1 9	3 36	1 11	4 19	2 15	5 39	0 39	22 12	0 30	8 34	11 7	7 48	8 9	17 50	19 1	4 30
S 30	17 25	8 40	0n16	10 26	0 14	6 55	1 1	17 19	1 9	3 40	1 11	4 16	2 15	5 39	0 39	22 12	0 29	8 34	11 7	7 48	8 8	17 49	19 1	4 30
S 31	17n 9	12s 9	1n23	9n46	0n 6	6n25	0n58	17n 8	1n 9	3s44	1n10	4n14	2n15	5n38	0s39	22s12	0n29	8s35	11n 6	7s48	8s 7	17s49	19n 0	4s31

Julian Day Number = 2089776.5, Delta T = 23m37s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'05, Lahiri = 10°03'05 Julian Calendar 1 July 1009 == Greg. Calendar 7 July 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

AUGUST 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 59 35	13♌26'17	18♏ 1	6♍37	17♍17	16♌56	12♎15	24♍41	15°R46	15°R10	26°R 6	19°R51	20♎37	13♉30	26♊33	M 1
T 2	21 3 32	14°24'06	0♐12	8° 2	18°29	17°34	12°25	24°47	15♈45	15♉ 9	26°D 6	19♎50	20°33	13°37	26°38	T 2
W 3	21 7 28	15°21'56	12°12	9°27	19°41	18°12	12°34	24°53	15°44	15° 8	26♏ 6	19°46	20°30	13°43	26°42	W 3
T 4	21 11 25	16°19'47	24° 6	10°49	20°52	18°50	12°44	24°59	15°44	15° 6	26° 6	19°40	20°27	13°50	26°47	T 4
F 5	21 15 21	17°17'40	5♉58	12°10	22° 4	19°29	12°54	25° 5	15°43	15° 5	26° 7	19°32	20°24	13°57	26°51	F 5
S 6	21 19 18	18°15'34	17°50	13°29	23°16	20° 7	13° 4	25°12	15°42	15° 4	26° 7	19°22	20°21	14° 4	26°55	S 6
S 7	21 23 15	19°13'30	29°47	14°47	24°27	20°45	13°14	25°18	15°41	15° 2	26° 7	19°11	20°18	14°10	26°59	S 7
M 8	21 27 11	20°11'27	11♒48	16° 2	25°39	21°23	13°24	25°25	15°40	15° 1	26° 7	19° 0	20°14	14°17	27° 3	M 8
T 9	21 31 8	21° 9'26	23°56	17°16	26°50	22° 2	13°34	25°31	15°38	15° 0	26° 7	18°50	20°11	14°24	27° 8	T 9
W10	21 35 4	22° 7'27	6♓12	18°28	28° 2	22°40	13°44	25°37	15°37	14°59	26° 8	18°41	20° 8	14°30	27°12	W10
T 11	21 39 1	23° 5'29	18°37	19°38	29°13	23°18	13°54	25°44	15°36	14°58	26° 8	18°35	20° 5	14°37	27°16	T 11
F 12	21 42 57	24° 3'33	1♈11	20°46	0♎25	23°56	14° 5	25°51	15°35	14°56	26° 8	18°31	20° 2	14°44	27°19	F 12
S 13	21 46 54	25° 1'39	13°57	21°52	1°36	24°35	14°15	25°57	15°34	14°55	26° 9	18°D29	19°58	14°51	27°23	S 13
S 14	21 50 50	25°59'47	26°57	22°56	2°47	25°13	14°26	26° 4	15°32	14°54	26° 9	18°30	19°55	14°57	27°27	S 14
M15	21 54 47	26°57'57	10♉12	23°57	3°59	25°51	14°36	26°11	15°31	14°53	26° 9	18°31	19°52	15° 4	27°31	M15
T 16	21 58 44	27°56'09	23°44	24°55	5°10	26°30	14°47	26°17	15°30	14°52	26°10	18°R31	19°49	15°11	27°35	T 16
W17	22 2 40	28°54'23	7♊37	25°51	6°21	27° 8	14°58	26°24	15°28	14°51	26°10	18°31	19°46	15°17	27°38	W17
T 18	22 6 37	29°52'39	21°48	26°44	7°32	27°46	15° 9	26°31	15°27	14°50	26°11	18°29	19°43	15°24	27°42	T 18
F 19	22 10 33	0♍50'58	6♋18	27°34	8°43	28°25	15°20	26°38	15°25	14°49	26°11	18°25	19°39	15°31	27°45	F 19
S 20	22 14 30	1°49'19	21° 2	28°21	9°54	29° 3	15°31	26°45	15°24	14°48	26°12	18°20	19°36	15°38	27°49	S 20
S 21	22 18 26	2°47'41	5♌55	29° 4	11° 5	29°41	15°42	26°51	15°22	14°47	26°13	18°13	19°33	15°44	27°52	S 21
M22	22 22 23	3°46'06	20°47	29°44	12°16	0♍20	15°53	26°58	15°20	14°46	26°13	18° 6	19°30	15°51	27°55	M22
T 23	22 26 19	4°44'33	5♍31	0♎19	13°27	0°58	16° 4	27° 5	15°19	14°45	26°14	18° 0	19°27	15°58	27°59	T 23
W24	22 30 16	5°43'01	19°58	0°50	14°37	1°37	16°16	27°12	15°17	14°44	26°15	17°55	19°24	16° 5	28° 2	W24
T 25	22 34 13	6°41'32	4♎ 3	1°17	15°48	2°15	16°27	27°19	15°15	14°43	26°15	17°52	19°20	16°11	28° 5	T 25
F 26	22 38 9	7°40'04	17°43	1°39	16°59	2°54	16°39	27°26	15°13	14°42	26°16	17°D52	19°17	16°18	28° 8	F 26
S 27	22 42 6	8°38'38	0♏58	1°55	18° 9	3°32	16°50	27°33	15°12	14°42	26°17	17°52	19°14	16°25	28°11	S 27
S 28	22 46 2	9°37'13	13°48	2° 5	19°20	4°11	17° 2	27°40	15°10	14°41	26°18	17°54	19°11	16°31	28°14	S 28
M29	22 49 59	10°35'51	26°17	2°R10	20°30	4°49	17°13	27°48	15° 8	14°40	26°19	17°55	19° 8	16°38	28°17	M29
T 30	22 53 55	11°34'30	8♐31	2° 8	21°41	5°28	17°25	27°55	15° 6	14°39	26°20	17°R56	19° 4	16°45	28°20	T 30
W31	22 57 52	12♍33'11	20♐32	1♎59	22♎51	6♍ 6	17♎37	28♍ 2	15♈ 4	14♉39	26♏21	17♎56	19♎ 1	16♉52	28♊22	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n53	14s59	2n24	9n 6	0s 2	5n54	0n56	16n56	1n 9	3s47	1n10	4n11	2n15	5n38	0s39	22s13	0n29	8s35	11n 6	7s48	8s 5	17s48	19n 0	4s31
T 2	16 36	17 5	3 18	8 26	0 11	5 24	0 53	16 44	1 9	3 51	1 10	4 9	2 15	5 38	0 39	22 13	0 29	8 36	11 5	7 48	8 4	17 47	19 0	4 32
W 3	16 19	18 23	4 1	7 46	0 19	4 53	0 51	16 33	1 9	3 55	1 10	4 6	2 15	5 37	0 39	22 13	0 29	8 36	11 5	7 46	8 3	17 46	19 0	4 32
T 4	16 2	18 52	4 34	7 7	0 28	4 22	0 48	16 21	1 9	3 59	1 10	4 4	2 15	5 37	0 39	22 13	0 29	8 36	11 4	7 44	8 2	17 45	18 59	4 32
F 5	15 44	18 31	4 55	6 28	0 37	3 51	0 45	16 8	1 9	4 3	1 9	4 1	2 14	5 37	0 39	22 13	0 29	8 37	11 4	7 41	8 1	17 45	18 59	4 33
S 6	15 26	17 21	5 3	5 49	0 46	3 20	0 43	15 56	1 8	4 7	1 9	3 58	2 14	5 36	0 39	22 13	0 29	8 37	11 3	7 37	7 59	17 44	18 59	4 33
S 7	15 8	15 26	4 58	5 11	0 55	2 49	0 40	15 44	1 8	4 11	1 9	3 56	2 14	5 36	0 39	22 14	0 29	8 38	11 3	7 33	7 58	17 43	18 59	4 33
M 8	14 50	12 51	4 40	4 33	1 4	2 18	0 37	15 31	1 8	4 15	1 9	3 53	2 14	5 35	0 39	22 14	0 29	8 38	11 2	7 29	7 57	17 42	18 58	4 34
T 9	14 31	9 41	4 9	3 56	1 14	1 47	0 34	15 19	1 8	4 19	1 9	3 50	2 14	5 35	0 39	22 14	0 29	8 39	11 2	7 25	7 56	17 42	18 58	4 34
W10	14 13	6 5	3 26	3 19	1 23	1 16	0 31	15 6	1 8	4 24	1 9	3 48	2 14	5 35	0 39	22 14	0 29	8 39	11 2	7 21	7 55	17 41	18 58	4 35
T 11	13 54	2 11	2 33	2 43	1 32	0 44	0 28	14 53	1 8	4 28	1 8	3 45	2 14	5 34	0 39	22 14	0 29	8 40	11 1	7 19	7 53	17 40	18 57	4 35
F 12	13 34	1n52	1 32	2 7	1 41	0 13	0 25	14 41	1 8	4 32	1 8	3 42	2 14	5 34	0 39	22 14	0 29	8 40	11 1	7 18	7 52	17 39	18 57	4 35
S 13	13 15	5 54	0 24	1 33	1 51	0s18	0 22	14 28	1 8	4 36	1 8	3 40	2 14	5 33	0 39	22 14	0 29	8 41	11 0	7 17	7 51	17 38	18 57	4 36
S 14	12 55	9 44	0s45	0 59	2 0	0 50	0 19	14 15	1 8	4 40	1 8	3 37	2 14	5 33	0 39	22 15	0 29	8 41	11 0	7 17	7 50	17 38	18 56	4 36
M15	12 35	13 9	1 54	0 26	2 9	1 21	0 15	14 2	1 8	4 45	1 8	3 34	2 14	5 32	0 39	22 15	0 29	8 42	10 59	7 17	7 49	17 37	18 56	4 37
T 16	12 15	15 56	2 58	0s 5	2 18	1 53	0 12	13 48	1 7	4 49	1 8	3 31	2 13	5 31	0 39	22 15	0 29	8 43	10 59	7 18	7 47	17 36	18 56	4 37
W17	11 55	17 52	3 53	0 36	2 27	2 24	0 9	13 35	1 7	4 53	1 7	3 29	2 13	5 31	0 39	22 15	0 29	8 43	10 58	7 18	7 46	17 35	18 55	4 37
T 18	11 34	18 44	4 35	1 5	2 36	2 55	0 5	13 22	1 7	4 58	1 7	3 26	2 13	5 30	0 39	22 15	0 29	8 44	10 58	7 17	7 45	17 34	18 55	4 38
F 19	11 14	18 24	5 1	1 33	2 45	3 27	0 2	13 8	1 7	5 2	1 7	3 23	2 13	5 30	0 39	22 15	0 29	8 44	10 57	7 15	7 44	17 34	18 55	4 38
S 20	10 53	16 51	5 8	2 0	2 53	3 58	0s 2	12 55	1 7	5 7	1 7	3 20	2 13	5 29	0 40	22 15	0 29	8 45	10 57	7 13	7 43	17 33	18 54	4 39
S 21	10 32	14 9	4 54	2 24	3 2	4 29	0 5	12 41	1 7	5 11	1 7	3 17	2 13	5 28	0 40	22 16	0 29	8 45	10 56	7 11	7 41	17 32	18 54	4 39
M22	10 11	10 32	4 20	2 47	3 10	5 0	0 9	12 27	1 7	5 15	1 7	3 15	2 13	5 28	0 40	22 16	0 29	8 46	10 56	7 8	7 40	17 31	18 53	4 40
T 23	9 49	6 18	3 29	3 9	3 17	5 31	0 12	12 13	1 7	5 20	1 6	3 12	2 13	5 27	0 40	22 16	0 29	8 47	10 56	7 6	7 39	17 30	18 53	4 40
W24	9 28	1 46	2 25	3 28	3 24	6 2	0 16	11 59	1 6	5 24	1 6	3 9	2 13	5 26	0 40	22 16	0 29	8 47	10 55	7 4	7 38	17 29	18 53	4 40
T 25	9 6	2s45	1 14	3 44	3 31	6 33	0 20	11 45	1 6	5 29	1 6	3 6	2 13	5 26	0 40	22 16	0 29	8 48	10 55	7 3	7 36	17 29	18 52	4 41
F 26	8 44	7 0	0 1	3 59	3 37	7 4	0 23	11 31	1 6	5 34	1 6	3 3	2 13	5 25	0 40	22 16	0 29	8 48	10 54	7 3	7 35	17 28	18 52	4 41
S 27	8 22	10 46	1n11	4 10	3 43	7 34	0 27	11 17	1 6	5 38	1 6	3 0	2 13	5 24	0 40	22 16	0 29	8 49	10 54	7 3	7 34	17 27	18 51	4 42
S 28	8 0	13 54	2 16	4 19	3 48	8 5	0 31	11 3	1 6	5 43	1 6	2 57	2 13	5 24	0 40	22 16	0 29	8 50	10 53	7 3	7 33	17 26	18 51	4 42
M29	7 38	16 17	3 14	4 24	3 52	8 35	0 35	10 49	1 6	5 47	1 6	2 55	2 13	5 23	0 40	22 17	0 29	8 50	10 53	7 4	7 32	17 25	18 51	4 43
T 30	7 16	17 52	4 1	4 26	3 55	9 5	0 38	10 34	1 6	5 52	1 5	2 52	2 13	5 22	0 40	22 17	0 29	8 51	10 52	7 4	7 30	17 24	18 50	4 43
W31	6n53	18s37	4n37	4s24	3s56	9s35	0s42	10n20	1n 5	5s57	1n 5	2n49	2n13	5n21	0s40	22s17	0n29	8s52	10n52	7s 4	7s29	17s24	18n50	4s44

Julian Day Number = 2089807.5, Delta T = 23m37s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'09, Lahiri = 10°03'09 Julian Calendar 1 Aug. 1009 == Greg. Calendar 7 Aug. 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

SEPTEMBER 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 1 48	13♍31'54	2♑27	1°R44	24♎ 1	6♍45	17♎49	28♍ 9	15°R 2	14°R38	26♏22	17°R54	18♎58	16♑58	28♊25	T 1
F 2	23 5 45	14°30'38	14°19	1♎21	25°12	7°23	18° 1	28°16	15♈ 0	14♑37	26°23	17♎51	18°55	17° 5	28°27	F 2
S 3	23 9 41	15°29'25	26°14	0°51	26°22	8° 2	18°13	28°23	14°58	14°37	26°24	17°46	18°52	17°12	28°30	S 3
S 4	23 13 38	16°28'13	8♒13	0°14	27°32	8°40	18°25	28°31	14°56	14°36	26°25	17°41	18°49	17°18	28°32	S 4
M 5	23 17 35	17°27'03	20°21	29♍29	28°42	9°19	18°37	28°38	14°54	14°36	26°26	17°35	18°45	17°25	28°35	M 5
T 6	23 21 31	18°25'55	2♓39	28°39	29°52	9°58	18°49	28°45	14°52	14°35	26°27	17°30	18°42	17°32	28°37	T 6
W 7	23 25 28	19°24'48	15° 8	27°42	1♏ 1	10°36	19° 1	28°52	14°50	14°35	26°28	17°26	18°39	17°39	28°39	W 7
T 8	23 29 24	20°23'44	27°50	26°40	2°11	11°15	19°13	29° 0	14°48	14°34	26°29	17°24	18°36	17°45	28°41	T 8
F 9	23 33 21	21°22'42	10♈44	25°35	3°21	11°54	19°26	29° 7	14°45	14°34	26°31	17°22	18°33	17°52	28°43	F 9
S 10	23 37 17	22°21'42	23°50	24°27	4°30	12°32	19°38	29°14	14°43	14°34	26°32	17°D22	18°29	17°59	28°45	S 10
S 11	23 41 14	23°20'45	7♉ 9	23°19	5°40	13°11	19°50	29°21	14°41	14°33	26°33	17°23	18°26	18° 6	28°47	S 11
M12	23 45 10	24°19'50	20°40	22°11	6°49	13°50	20° 3	29°29	14°39	14°33	26°34	17°25	18°23	18°12	28°49	M12
T 13	23 49 7	25°18'57	4♊24	21° 7	7°59	14°28	20°15	29°36	14°36	14°33	26°36	17°26	18°20	18°19	28°51	T 13
W14	23 53 4	26°18'06	18°19	20° 7	9° 8	15° 7	20°28	29°43	14°34	14°32	26°37	17°27	18°17	18°26	28°52	W14
T 15	23 57 0	27°17'18	2♋26	19°14	10°17	15°46	20°40	29°51	14°32	14°32	26°39	17°R27	18°14	18°32	28°54	T 15
F 16	0 0 57	28°16'33	16°42	18°28	11°26	16°25	20°53	29°58	14°30	14°32	26°40	17°26	18°10	18°39	28°55	F 16
S 17	0 4 53	29°15'49	1♌ 5	17°51	12°35	17° 3	21° 5	0♎ 5	14°27	14°32	26°41	17°25	18° 7	18°46	28°57	S 17
S 18	0 8 50	0♎15'08	15°31	17°25	13°44	17°42	21°18	0°13	14°25	14°32	26°43	17°23	18° 4	18°53	28°58	S 18
M19	0 12 46	1°14'30	29°56	17° 9	14°52	18°21	21°31	0°20	14°22	14°32	26°44	17°20	18° 1	18°59	28°59	M19
T 20	0 16 43	2°13'53	14♍13	17°D 3	16° 1	19° 0	21°44	0°27	14°20	14°32	26°46	17°18	17°58	19° 6	29° 0	T 20
W21	0 20 39	3°13'19	28°19	17° 9	17°10	19°39	21°56	0°35	14°18	14°D32	26°47	17°17	17°55	19°13	29° 2	W21
T 22	0 24 36	4°12'47	12♎ 9	17°25	18°18	20°18	22° 9	0°42	14°15	14°32	26°49	17°D16	17°51	19°20	29° 3	T 22
F 23	0 28 32	5°12'17	25°40	17°51	19°26	20°57	22°22	0°49	14°13	14°32	26°51	17°16	17°48	19°26	29° 3	F 23
S 24	0 32 29	6°11'49	8♏50	18°27	20°35	21°36	22°35	0°57	14°10	14°32	26°52	17°17	17°45	19°33	29° 4	S 24
S 25	0 36 26	7°11'23	21°39	19°12	21°43	22°15	22°48	1° 4	14° 8	14°32	26°54	17°18	17°42	19°40	29° 5	S 25
M26	0 40 22	8°10'58	4♐10	20° 5	22°51	22°54	23° 1	1°11	14° 6	14°32	26°56	17°19	17°39	19°46	29° 6	M26
T 27	0 44 19	9°10'36	16°25	21° 5	23°58	23°33	23°14	1°19	14° 3	14°32	26°57	17°20	17°35	19°53	29° 6	T 27
W28	0 48 15	10°10'15	28°29	22°12	25° 6	24°12	23°27	1°26	14° 1	14°32	26°59	17°20	17°32	20° 0	29° 7	W28
T 29	0 52 12	11° 9'57	10♑24	23°24	26°14	24°51	23°40	1°33	13°58	14°33	27° 1	17°R21	17°29	20° 7	29° 7	T 29
F 30	0 56 8	12♎ 9'40	22♑17	24♍41	27♏21	25♍30	23♎53	1♎40	13♈56	14♑33	27♏ 3	17♎20	17♎26	20♑13	29♊ 7	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n30	18s32	5n 1	4s19	3s57	10s 5	0s46	10n 5	1n 5	6s 1	1n 5	2n46	2n13	5n21	0s40	22s17	0n29	8s52	10n52	7s 3	7s28	17s23	18n49	4s44
F 2	6 8	17 38	5 11	4 9	3 56	10 34	0 50	9 51	1 5	6 6	1 5	2 43	2 13	5 20	0 40	22 17	0 29	8 53	10 51	7 2	7 27	17 22	18 49	4 45
S 3	5 45	15 58	5 8	3 55	3 54	11 4	0 54	9 36	1 5	6 11	1 5	2 40	2 13	5 19	0 40	22 17	0 29	8 53	10 51	7 0	7 26	17 21	18 48	4 45
S 4	5 22	13 36	4 52	3 36	3 50	11 33	0 58	9 22	1 5	6 15	1 5	2 37	2 13	5 18	0 40	22 17	0 29	8 54	10 50	6 58	7 24	17 20	18 48	4 46
M 5	4 59	10 38	4 23	3 14	3 45	12 1	1 1	9 7	1 5	6 20	1 5	2 34	2 13	5 17	0 40	22 17	0 29	8 55	10 50	6 56	7 23	17 19	18 47	4 46
T 6	4 36	7 9	3 41	2 46	3 37	12 30	1 5	8 52	1 4	6 25	1 5	2 31	2 13	5 17	0 40	22 17	0 29	8 55	10 49	6 54	7 22	17 18	18 47	4 46
W 7	4 13	3 19	2 48	2 15	3 28	12 58	1 9	8 37	1 4	6 30	1 4	2 29	2 13	5 16	0 40	22 17	0 29	8 56	10 49	6 53	7 21	17 18	18 47	4 47
T 8	3 49	0n44	1 45	1 40	3 16	13 26	1 13	8 22	1 4	6 34	1 4	2 26	2 13	5 15	0 40	22 17	0 29	8 57	10 49	6 52	7 20	17 17	18 46	4 47
F 9	3 26	4 50	0 36	1 2	3 3	13 54	1 17	8 7	1 4	6 39	1 4	2 23	2 13	5 14	0 40	22 18	0 29	8 57	10 48	6 51	7 18	17 16	18 46	4 48
S 10	3 3	8 45	0s36	0 21	2 48	14 21	1 21	7 52	1 4	6 44	1 4	2 20	2 13	5 13	0 40	22 18	0 29	8 58	10 48	6 51	7 17	17 15	18 45	4 48
S 11	2 39	12 17	1 47	0n22	2 31	14 49	1 25	7 37	1 3	6 49	1 4	2 17	2 13	5 12	0 40	22 18	0 28	8 59	10 47	6 52	7 16	17 14	18 45	4 49
M12	2 16	15 14	2 53	1 5	2 13	15 15	1 29	7 22	1 3	6 53	1 4	2 14	2 13	5 11	0 40	22 18	0 28	8 59	10 47	6 52	7 15	17 13	18 44	4 49
T 13	1 52	17 21	3 51	1 48	1 54	15 42	1 32	7 7	1 3	6 58	1 4	2 11	2 13	5 11	0 40	22 18	0 28	9 0	10 47	6 53	7 13	17 12	18 44	4 50
W14	1 29	18 28	4 36	2 30	1 34	16 8	1 36	6 52	1 3	7 3	1 4	2 8	2 13	5 10	0 40	22 18	0 28	9 1	10 46	6 53	7 12	17 11	18 43	4 50
T 15	1 5	18 28	5 5	3 10	1 13	16 34	1 40	6 36	1 3	7 8	1 4	2 5	2 13	5 9	0 40	22 18	0 28	9 2	10 46	6 53	7 11	17 11	18 43	4 51
F 16	0 41	17 18	5 15	3 46	0 53	16 59	1 44	6 21	1 2	7 13	1 4	2 2	2 13	5 8	0 40	22 18	0 28	9 2	10 45	6 53	7 10	17 10	18 42	4 51
S 17	0 18	15 2	5 6	4 19	0 33	17 24	1 48	6 6	1 2	7 18	1 3	1 59	2 13	5 7	0 40	22 18	0 28	9 3	10 45	6 52	7 9	17 9	18 42	4 52
S 18	0s 6	11 50	4 38	4 48	0 13	17 49	1 51	5 50	1 2	7 22	1 3	1 56	2 13	5 6	0 40	22 18	0 28	9 4	10 45	6 51	7 7	17 8	18 41	4 52
M19	0 30	7 56	3 53	5 11	0n 5	18 13	1 55	5 35	1 2	7 27	1 3	1 54	2 13	5 5	0 40	22 18	0 28	9 4	10 44	6 51	7 6	17 7	18 41	4 53
T 20	0 54	3 35	2 53	5 29	0 22	18 37	1 59	5 19	1 2	7 32	1 3	1 51	2 13	5 4	0 40	22 18	0 28	9 5	10 44	6 50	7 5	17 6	18 40	4 54
W21	1 17	0s54	1 43	5 42	0 39	19 0	2 2	5 4	1 1	7 37	1 3	1 48	2 13	5 3	0 40	22 18	0 28	9 6	10 44	6 49	7 4	17 5	18 40	4 54
T 22	1 41	5 16	0 28	5 49	0 53	19 23	2 6	4 48	1 1	7 42	1 3	1 45	2 13	5 2	0 40	22 18	0 28	9 6	10 43	6 49	7 2	17 4	18 39	4 55
F 23	2 5	9 15	0n46	5 51	1 6	19 46	2 10	4 32	1 1	7 47	1 3	1 42	2 13	5 1	0 40	22 18	0 28	9 7	10 43	6 49	7 1	17 3	18 39	4 55
S 24	2 28	12 41	1 57	5 47	1 18	20 8	2 13	4 17	1 1	7 52	1 3	1 39	2 13	5 0	0 40	22 18	0 28	9 8	10 42	6 49	7 0	17 2	18 38	4 56
S 25	2 52	15 23	2 59	5 39	1 28	20 29	2 17	4 1	1 1	7 56	1 3	1 36	2 13	4 59	0 40	22 18	0 28	9 9	10 42	6 50	6 59	17 2	18 38	4 56
M26	3 16	17 18	3 52	5 26	1 37	20 50	2 20	3 45	1 0	8 1	1 3	1 33	2 13	4 58	0 40	22 18	0 28	9 9	10 42	6 50	6 58	17 1	18 37	4 57
T 27	3 39	18 21	4 32	5 9	1 45	21 11	2 24	3 30	1 0	8 6	1 3	1 30	2 13	4 58	0 40	22 18	0 28	9 10	10 41	6 50	6 56	17 0	18 37	4 57
W28	4 3	18 33	5 0	4 48	1 51	21 31	2 27	3 14	1 0	8 11	1 3	1 28	2 13	4 57	0 40	22 18	0 28	9 11	10 41	6 51	6 55	16 59	18 36	4 58
T 29	4 26	17 55	5 15	4 24	1 55	21 51	2 30	2 58	1 0	8 16	1 2	1 25	2 13	4 56	0 40	22 18	0 28	9 11	10 41	6 51	6 54	16 58	18 36	4 58
F 30	4s50	16s31	5n16	3n56	1n59	22s10	2s33	2n42	0n59	8s21	1n 2	1n22	2n13	4n55	0s40	22s18	0n28	9s12	10n40	6s51	6s53	16s57	18n35	4s59

Julian Day Number = 2089838.5, Delta T = 23m37s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'13, Lahiri = 10°03'14 Julian Calendar 1 Sept. 1009 == Greg. Calendar 7 Sept. 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

OCTOBER 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 0 5	13♎ 9'25	4♒12	26♍ 3	28♏28	26♍ 9	24♎ 6	1♎48	13°R53	14♑33	27♏ 4	17°R20	17♎23	20♑20	29♊ 8	S 1
S 2	1 4 1	14° 9'11	16°13	27°28	29°35	26°48	24°19	1°55	13♈51	14°34	27° 6	17♎20	17°20	20°27	29° 8	S 2
M 3	1 7 58	15° 8'59	28°24	28°56	0♐42	27°27	24°32	2° 2	13°48	14°34	27° 8	17°19	17°16	20°33	29°R 8	M 3
T 4	1 11 55	16° 8'49	10♓49	0♎27	1°49	28° 6	24°45	2° 9	13°46	14°34	27°10	17°19	17°13	20°40	29° 8	T 4
W 5	1 15 51	17° 8'41	23°29	2° 0	2°56	28°45	24°58	2°16	13°43	14°35	27°12	17°D19	17°10	20°47	29° 8	W 5
T 6	1 19 48	18° 8'35	6♈27	3°34	4° 2	29°24	25°11	2°24	13°41	14°35	27°14	17°19	17° 7	20°54	29° 7	T 6
F 7	1 23 44	19° 8'31	19°42	5°10	5° 8	0♎ 4	25°24	2°31	13°39	14°36	27°16	17°R19	17° 4	21° 0	29° 7	F 7
S 8	1 27 41	20° 8'28	3♉13	6°47	6°14	0°43	25°37	2°38	13°36	14°36	27°18	17°19	17° 0	21° 7	29° 7	S 8
S 9	1 31 37	21° 8'28	16°59	8°25	7°20	1°22	25°51	2°45	13°34	14°37	27°19	17°19	16°57	21°14	29° 6	S 9
M10	1 35 34	22° 8'30	0♊57	10° 3	8°26	2° 1	26° 4	2°52	13°31	14°38	27°21	17°18	16°54	21°21	29° 6	M10
T 11	1 39 30	23° 8'34	15° 3	11°41	9°31	2°41	26°17	2°59	13°29	14°38	27°23	17°18	16°51	21°27	29° 5	T 11
W12	1 43 27	24° 8'40	29°15	13°20	10°37	3°20	26°30	3° 6	13°26	14°39	27°25	17°17	16°48	21°34	29° 5	W12
T 13	1 47 24	25° 8'48	13♋28	14°59	11°42	3°59	26°43	3°13	13°24	14°40	27°28	17°17	16°45	21°41	29° 4	T 13
F 14	1 51 20	26° 8'59	27°41	16°38	12°47	4°38	26°57	3°20	13°22	14°40	27°30	17°D16	16°41	21°47	29° 3	F 14
S 15	1 55 17	27° 9'12	11♌51	18°17	13°51	5°18	27°10	3°27	13°19	14°41	27°32	17°17	16°38	21°54	29° 2	S 15
S 16	1 59 13	28° 9'26	25°55	19°56	14°56	5°57	27°23	3°34	13°17	14°42	27°34	17°17	16°35	22° 1	29° 1	S 16
M17	2 3 10	29° 9'43	9♍53	21°35	16° 0	6°37	27°36	3°41	13°15	14°43	27°36	17°18	16°32	22° 8	29° 0	M17
T 18	2 7 6	0♏10'02	23°42	23°13	17° 4	7°16	27°49	3°48	13°12	14°44	27°38	17°19	16°29	22°14	28°59	T 18
W19	2 11 3	1°10'23	7♎20	24°52	18° 7	7°55	28° 3	3°54	13°10	14°45	27°40	17°20	16°26	22°21	28°57	W19
T 20	2 14 59	2°10'45	20°45	26°30	19°11	8°35	28°16	4° 1	13° 8	14°46	27°42	17°R20	16°22	22°28	28°56	T 20
F 21	2 18 56	3°11'10	3♏57	28° 7	20°14	9°14	28°29	4° 8	13° 5	14°47	27°44	17°20	16°19	22°34	28°54	F 21
S 22	2 22 53	4°11'36	16°54	29°45	21°17	9°54	28°42	4°15	13° 3	14°48	27°47	17°18	16°16	22°41	28°53	S 22
S 23	2 26 49	5°12'04	29°35	1♏22	22°19	10°34	28°55	4°21	13° 1	14°49	27°49	17°16	16°13	22°48	28°51	S 23
M24	2 30 46	6°12'33	12♐ 2	2°59	23°21	11°13	29° 8	4°28	12°59	14°50	27°51	17°13	16°10	22°55	28°50	M24
T 25	2 34 42	7°13'04	24°16	4°35	24°23	11°53	29°22	4°34	12°56	14°51	27°53	17°10	16° 6	23° 1	28°48	T 25
W26	2 38 39	8°13'37	6♑19	6°11	25°25	12°32	29°35	4°41	12°54	14°52	27°55	17° 6	16° 3	23° 8	28°46	W26
T 27	2 42 35	9°14'10	18°14	7°47	26°26	13°12	29°48	4°47	12°52	14°53	27°58	17° 4	16° 0	23°15	28°44	T 27
F 28	2 46 32	10°14'45	0♒ 6	9°23	27°27	13°51	0♏ 1	4°54	12°50	14°54	28° 0	17° 2	15°57	23°22	28°42	F 28
S 29	2 50 28	11°15'22	12° 0	10°59	28°27	14°31	0°14	5° 0	12°48	14°56	28° 2	17°D 2	15°54	23°28	28°40	S 29
S 30	2 54 25	12°15'59	23°59	12°34	29°27	15°11	0°27	5° 7	12°46	14°57	28° 4	17° 3	15°51	23°35	28°38	S 30
M31	2 58 22	13♏16'38	6♓ 8	14♏ 9	0♑27	15♎51	0♏40	5♎13	12♈44	14♑58	28♏ 7	17♎ 4	15♎47	23♑42	28♊36	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s13	14s24	5n 3	3n26	2n 1	22s28	2s37	2n27	0n59	8s26	1n 2	1n19	2n13	4n54	0s40	22s18	0n28	9s13	10n40	6s50	6s51	16s56	18n35	4s59
S 2	5 37	11 38	4 38	2 53	2 3	22 46	2 40	2 11	0 59	8 31	1 2	1 16	2 13	4 53	0 40	22 18	0 28	9 14	10 40	6 50	6 50	16 55	18 34	5 0
M 3	6 0	8 21	3 59	2 18	2 3	23 4	2 43	1 55	0 59	8 35	1 2	1 13	2 13	4 52	0 40	22 18	0 28	9 14	10 39	6 50	6 49	16 54	18 33	5 0
T 4	6 23	4 38	3 9	1 42	2 3	23 20	2 46	1 39	0 58	8 40	1 2	1 11	2 13	4 51	0 40	22 18	0 28	9 15	10 39	6 50	6 48	16 53	18 33	5 1
W 5	6 46	0 38	2 8	1 4	2 2	23 37	2 49	1 23	0 58	8 45	1 2	1 8	2 13	4 50	0 40	22 18	0 28	9 16	10 39	6 50	6 47	16 52	18 32	5 1
T 6	7 9	3n29	1 0	0 24	2 0	23 52	2 52	1 7	0 58	8 50	1 2	1 5	2 14	4 49	0 40	22 18	0 28	9 16	10 38	6 50	6 45	16 51	18 32	5 2
F 7	7 32	7 32	0s13	0s16	1 57	24 7	2 54	0 51	0 58	8 55	1 2	1 2	2 14	4 48	0 40	22 18	0 28	9 17	10 38	6 50	6 44	16 50	18 31	5 2
S 8	7 55	11 17	1 27	0 57	1 54	24 22	2 57	0 35	0 57	9 0	1 2	1 0	2 14	4 47	0 40	22 18	0 28	9 18	10 38	6 50	6 43	16 50	18 31	5 3
S 9	8 17	14 29	2 37	1 39	1 51	24 36	3 0	0 19	0 57	9 5	1 2	0 57	2 14	4 46	0 40	22 18	0 28	9 18	10 38	6 50	6 42	16 49	18 30	5 3
M10	8 40	16 53	3 39	2 22	1 47	24 49	3 2	0 4	0 57	9 9	1 2	0 54	2 14	4 45	0 40	22 18	0 28	9 19	10 37	6 50	6 40	16 48	18 30	5 4
T 11	9 2	18 17	4 28	3 5	1 42	25 2	3 4	0s12	0 56	9 14	1 2	0 51	2 14	4 44	0 40	22 18	0 28	9 20	10 37	6 50	6 39	16 47	18 29	5 4
W12	9 25	18 32	5 1	3 48	1 38	25 14	3 7	0 28	0 56	9 19	1 2	0 49	2 14	4 43	0 40	22 18	0 28	9 21	10 37	6 49	6 38	16 46	18 29	5 5
T 13	9 47	17 38	5 16	4 31	1 33	25 25	3 9	0 44	0 56	9 24	1 2	0 46	2 14	4 42	0 40	22 18	0 28	9 21	10 36	6 49	6 37	16 45	18 28	5 5
F 14	10 9	15 38	5 12	5 14	1 27	25 36	3 11	1 0	0 56	9 29	1 2	0 43	2 14	4 41	0 40	22 18	0 28	9 22	10 36	6 49	6 36	16 44	18 28	5 6
S 15	10 31	12 43	4 48	5 57	1 22	25 46	3 13	1 16	0 55	9 34	1 2	0 41	2 14	4 41	0 40	22 18	0 28	9 23	10 36	6 49	6 34	16 43	18 27	5 6
S 16	10 52	9 3	4 8	6 40	1 16	25 56	3 15	1 32	0 55	9 38	1 2	0 38	2 14	4 40	0 40	22 18	0 28	9 23	10 36	6 49	6 33	16 42	18 27	5 7
M17	11 14	4 56	3 13	7 23	1 10	26 5	3 17	1 48	0 55	9 43	1 1	0 35	2 15	4 39	0 40	22 18	0 28	9 24	10 35	6 50	6 32	16 41	18 26	5 7
T 18	11 35	0 34	2 7	8 5	1 4	26 13	3 18	2 4	0 54	9 48	1 1	0 33	2 15	4 38	0 40	22 17	0 27	9 25	10 35	6 50	6 31	16 40	18 26	5 8
W19	11 57	3s46	0 55	8 47	0 57	26 21	3 20	2 20	0 54	9 53	1 1	0 30	2 15	4 37	0 40	22 17	0 27	9 25	10 35	6 50	6 29	16 39	18 25	5 8
T 20	12 18	7 51	0n19	9 29	0 51	26 28	3 21	2 36	0 54	9 57	1 1	0 27	2 15	4 36	0 40	22 17	0 27	9 26	10 35	6 51	6 28	16 38	18 25	5 9
F 21	12 38	11 29	1 31	10 10	0 44	26 34	3 22	2 52	0 53	10 2	1 1	0 25	2 15	4 35	0 40	22 17	0 27	9 27	10 34	6 50	6 27	16 37	18 24	5 9
S 22	12 59	14 29	2 36	10 51	0 38	26 40	3 24	3 8	0 53	10 7	1 1	0 22	2 15	4 34	0 40	22 17	0 27	9 28	10 34	6 50	6 26	16 36	18 24	5 10
S 23	13 19	16 43	3 32	11 31	0 31	26 45	3 25	3 24	0 53	10 12	1 1	0 20	2 15	4 34	0 40	22 17	0 27	9 28	10 34	6 49	6 25	16 35	18 23	5 10
M24	13 40	18 6	4 18	12 11	0 25	26 49	3 25	3 39	0 52	10 16	1 1	0 17	2 15	4 33	0 40	22 17	0 27	9 29	10 34	6 48	6 23	16 34	18 23	5 11
T 25	14 0	18 37	4 50	12 50	0 18	26 53	3 26	3 55	0 52	10 21	1 1	0 15	2 16	4 32	0 40	22 17	0 27	9 30	10 34	6 46	6 22	16 33	18 22	5 11
W26	14 19	18 16	5 9	13 29	0 11	26 56	3 27	4 11	0 52	10 26	1 1	0 12	2 16	4 31	0 39	22 17	0 27	9 30	10 33	6 45	6 21	16 32	18 22	5 12
T 27	14 39	17 7	5 14	14 7	0 5	26 58	3 27	4 27	0 51	10 30	1 1	0 10	2 16	4 30	0 39	22 17	0 27	9 31	10 33	6 44	6 20	16 31	18 21	5 12
F 28	14 58	15 14	5 6	14 44	0s 2	27 0	3 27	4 43	0 51	10 35	1 1	0 7	2 16	4 29	0 39	22 17	0 27	9 32	10 33	6 44	6 18	16 30	18 21	5 13
S 29	15 17	12 43	4 45	15 20	0 9	27 1	3 28	4 58	0 51	10 40	1 1	0 5	2 16	4 29	0 39	22 16	0 27	9 32	10 33	6 44	6 17	16 29	18 20	5 13
S 30	15 36	9 38	4 12	15 56	0 15	27 1	3 28	5 14	0 50	10 44	1 1	0 3	2 16	4 28	0 39	22 16	0 27	9 33	10 33	6 44	6 16	16 28	18 20	5 14
M31	15s54	6s 7	3n26	16s31	0s22	27s 1	3s27	5s30	0n50	10s49	1n 1	0n 0	2n16	4n27	0s39	22s16	0n27	9s34	10n32	6s44	6s15	16s27	18n19	5s14

Julian Day Number = 2089868.5, Delta T = 23m36s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'17, Lahiri = 10°03'18 Julian Calendar 1 Oct. 1009 == Greg. Calendar 7 Oct. 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

NOVEMBER 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 2 18	14♏17'18	18♓33	15♏43	1♑26	16♎30	0♏53	5♎19	12°R42	14♑59	28♏ 9	17♎ 6	15♎44	23♑48	28°R33	T 1
W 2	3 6 15	15°17'59	1♈18	17°18	2°25	17°10	1° 6	5°25	12♈40	15° 1	28°11	17° 7	15°41	23°55	28♊31	W 2
T 3	3 10 11	16°18'41	14°24	18°52	3°23	17°50	1°19	5°32	12°38	15° 2	28°13	17°R 8	15°38	24° 2	28°28	T 3
F 4	3 14 8	17°19'25	27°54	20°26	4°21	18°30	1°32	5°38	12°36	15° 4	28°16	17° 8	15°35	24° 9	28°26	F 4
S 5	3 18 4	18°20'10	11♉46	22° 0	5°18	19° 9	1°45	5°44	12°34	15° 5	28°18	17° 6	15°32	24°15	28°23	S 5
S 6	3 22 1	19°20'56	25°59	23°34	6°15	19°49	1°58	5°50	12°32	15° 6	28°20	17° 2	15°28	24°22	28°21	S 6
M 7	3 25 57	20°21'44	10♊27	25° 8	7°11	20°29	2°11	5°56	12°31	15° 8	28°23	16°57	15°25	24°29	28°18	M 7
T 8	3 29 54	21°22'33	25° 3	26°42	8° 7	21° 9	2°24	6° 2	12°29	15° 9	28°25	16°52	15°22	24°35	28°15	T 8
W 9	3 33 50	22°23'23	9♋41	28°15	9° 2	21°49	2°37	6° 7	12°27	15°11	28°27	16°47	15°19	24°42	28°12	W 9
T 10	3 37 47	23°24'15	24°14	29°49	9°56	22°29	2°50	6°13	12°25	15°12	28°30	16°43	15°16	24°49	28°10	T 10
F 11	3 41 44	24°25'08	8♌38	1♐22	10°50	23° 9	3° 2	6°19	12°24	15°14	28°32	16°40	15°12	24°56	28° 7	F 11
S 12	3 45 40	25°26'03	22°48	2°56	11°43	23°49	3°15	6°25	12°22	15°16	28°34	16°D39	15° 9	25° 2	28° 4	S 12
S 13	3 49 37	26°26'59	6♍43	4°29	12°36	24°29	3°28	6°30	12°21	15°17	28°37	16°39	15° 6	25° 9	28° 1	S 13
M14	3 53 33	27°27'56	20°23	6° 3	13°28	25° 9	3°41	6°36	12°19	15°19	28°39	16°40	15° 3	25°16	27°57	M14
T 15	3 57 30	28°28'55	3♎49	7°36	14°19	25°49	3°53	6°41	12°17	15°21	28°41	16°42	15° 0	25°23	27°54	T 15
W16	4 1 26	29°29'55	17° 2	9° 9	15° 9	26°29	4° 6	6°46	12°16	15°22	28°44	16°R42	14°57	25°29	27°51	W16
T 17	4 5 23	0♐30'56	0♏ 3	10°42	15°59	27° 9	4°18	6°52	12°15	15°24	28°46	16°41	14°53	25°36	27°48	T 17
F 18	4 9 19	1°31'58	12°52	12°15	16°48	27°49	4°31	6°57	12°13	15°26	28°48	16°38	14°50	25°43	27°44	F 18
S 19	4 13 16	2°33'02	25°31	13°48	17°36	28°29	4°43	7° 2	12°12	15°28	28°50	16°33	14°47	25°49	27°41	S 19
S 20	4 17 13	3°34'06	7♐59	15°21	18°23	29° 9	4°56	7° 7	12°11	15°29	28°53	16°25	14°44	25°56	27°37	S 20
M21	4 21 9	4°35'11	20°16	16°54	19° 9	29°50	5° 8	7°12	12° 9	15°31	28°55	16°16	14°41	26° 3	27°34	M21
T 22	4 25 6	5°36'17	2♑24	18°27	19°54	0♏30	5°20	7°17	12° 8	15°33	28°57	16° 6	14°37	26°10	27°30	T 22
W23	4 29 2	6°37'23	14°24	19°59	20°38	1°10	5°33	7°22	12° 7	15°35	29° 0	15°56	14°34	26°16	27°27	W23
T 24	4 32 59	7°38'30	26°18	21°31	21°21	1°50	5°45	7°27	12° 6	15°37	29° 2	15°47	14°31	26°23	27°23	T 24
F 25	4 36 55	8°39'37	8♒ 9	23° 3	22° 3	2°31	5°57	7°32	12° 5	15°39	29° 4	15°41	14°28	26°30	27°20	F 25
S 26	4 40 52	9°40'45	19°59	24°35	22°44	3°11	6° 9	7°36	12° 4	15°41	29° 7	15°36	14°25	26°36	27°16	S 26
S 27	4 44 49	10°41'53	1♓55	26° 6	23°24	3°51	6°21	7°41	12° 3	15°42	29° 9	15°34	14°22	26°43	27°12	S 27
M28	4 48 45	11°43'02	14° 0	27°36	24° 2	4°31	6°33	7°45	12° 2	15°44	29°11	15°D33	14°18	26°50	27° 9	M28
T 29	4 52 42	12°44'11	26°21	29° 6	24°39	5°12	6°45	7°50	12° 1	15°46	29°14	15°34	14°15	26°57	27° 5	T 29
W30	4 56 38	13♐45'19	9♈ 1	0♑35	25♑15	5♏52	6♏57	7♎54	12♈ 0	15♑48	29♏16	15°R35	14♎12	27♑ 3	27♊ 1	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s13	2s15	2n30	17s 5	0s28	27s 0	3s27	5s45	0n50	10s53	1n 1	0s 2	2n17	4n26	0s39	22s16	0n27	9s34	10n32	6s45	6s13	16s26	18n19	5s14
W 2	16 31	1n50	1 26	17 39	0 35	26 59	3 27	6 1	0 49	10 58	1 1	0 4	2 17	4 26	0 39	22 16	0 27	9 35	10 32	6 46	6 12	16 25	18 19	5 15
T 3	16 48	5 56	0 15	18 11	0 41	26 57	3 26	6 17	0 49	11 2	1 1	0 7	2 17	4 25	0 39	22 16	0 27	9 35	10 32	6 46	6 11	16 24	18 18	5 15
F 4	17 6	9 52	0s59	18 43	0 47	26 54	3 25	6 32	0 49	11 7	1 1	0 9	2 17	4 24	0 39	22 16	0 27	9 36	10 32	6 46	6 10	16 23	18 18	5 16
S 5	17 23	13 22	2 11	19 14	0 53	26 51	3 24	6 48	0 48	11 11	1 1	0 11	2 17	4 23	0 39	22 16	0 27	9 37	10 32	6 45	6 9	16 22	18 17	5 16
S 6	17 39	16 10	3 16	19 43	0 59	26 47	3 23	7 3	0 48	11 16	1 1	0 13	2 17	4 23	0 39	22 15	0 27	9 37	10 31	6 44	6 7	16 21	18 17	5 17
M 7	17 56	18 0	4 10	20 12	1 5	26 43	3 21	7 19	0 47	11 20	1 1	0 16	2 18	4 22	0 39	22 15	0 27	9 38	10 31	6 42	6 6	16 20	18 16	5 17
T 8	18 12	18 40	4 49	20 40	1 11	26 38	3 19	7 34	0 47	11 25	1 1	0 18	2 18	4 21	0 39	22 15	0 27	9 39	10 31	6 40	6 5	16 19	18 16	5 17
W 9	18 28	18 5	5 9	21 7	1 17	26 32	3 18	7 49	0 47	11 29	1 1	0 20	2 18	4 21	0 39	22 15	0 27	9 39	10 31	6 38	6 4	16 18	18 15	5 18
T 10	18 43	16 19	5 8	21 33	1 22	26 26	3 15	8 5	0 46	11 34	1 1	0 22	2 18	4 20	0 39	22 15	0 27	9 40	10 31	6 36	6 2	16 17	18 15	5 18
F 11	18 58	13 33	4 49	21 58	1 27	26 20	3 13	8 20	0 46	11 38	1 1	0 24	2 18	4 19	0 39	22 15	0 27	9 40	10 31	6 35	6 1	16 16	18 15	5 19
S 12	19 13	10 2	4 11	22 22	1 32	26 13	3 11	8 35	0 45	11 42	1 1	0 26	2 19	4 19	0 39	22 15	0 27	9 41	10 31	6 35	6 0	16 15	18 14	5 19
S 13	19 28	6 0	3 20	22 44	1 37	26 5	3 8	8 50	0 45	11 47	1 1	0 28	2 19	4 18	0 39	22 14	0 27	9 42	10 31	6 35	5 59	16 14	18 14	5 19
M14	19 42	1 43	2 18	23 6	1 42	25 57	3 5	9 5	0 45	11 51	1 1	0 30	2 19	4 18	0 39	22 14	0 27	9 42	10 30	6 35	5 57	16 13	18 13	5 20
T 15	19 56	2s35	1 9	23 26	1 46	25 48	3 2	9 20	0 44	11 55	1 1	0 32	2 19	4 17	0 39	22 14	0 27	9 43	10 30	6 36	5 56	16 12	18 13	5 20
W16	20 9	6 42	0n 2	23 45	1 50	25 39	2 58	9 35	0 44	11 59	1 1	0 34	2 19	4 17	0 39	22 14	0 27	9 43	10 30	6 36	5 55	16 11	18 13	5 20
T 17	20 22	10 26	1 12	24 3	1 54	25 29	2 55	9 50	0 43	12 4	1 1	0 36	2 20	4 16	0 39	22 14	0 27	9 44	10 30	6 36	5 54	16 10	18 12	5 21
F 18	20 35	13 37	2 17	24 20	1 58	25 19	2 51	10 5	0 43	12 8	1 1	0 38	2 20	4 16	0 39	22 13	0 27	9 44	10 30	6 34	5 53	16 9	18 12	5 21
S 19	20 47	16 6	3 14	24 35	2 1	25 9	2 46	10 20	0 43	12 12	1 1	0 40	2 20	4 15	0 39	22 13	0 27	9 45	10 30	6 32	5 51	16 8	18 11	5 21
S 20	20 59	17 48	4 1	24 49	2 4	24 58	2 42	10 35	0 42	12 16	1 1	0 42	2 20	4 15	0 39	22 13	0 27	9 45	10 30	6 29	5 50	16 7	18 11	5 22
M21	21 10	18 37	4 36	25 1	2 7	24 47	2 37	10 49	0 42	12 20	1 1	0 44	2 20	4 14	0 39	22 13	0 27	9 46	10 30	6 26	5 49	16 6	18 11	5 22
T 22	21 21	18 35	4 58	25 13	2 10	24 35	2 32	11 4	0 41	12 24	1 1	0 45	2 21	4 14	0 39	22 13	0 27	9 47	10 30	6 22	5 48	16 4	18 10	5 22
W23	21 32	17 43	5 6	25 22	2 12	24 23	2 27	11 18	0 41	12 28	1 1	0 47	2 21	4 13	0 39	22 13	0 27	9 47	10 30	6 18	5 46	16 3	18 10	5 23
T 24	21 42	16 4	5 1	25 30	2 13	24 11	2 21	11 33	0 40	12 32	1 2	0 49	2 21	4 13	0 39	22 12	0 27	9 48	10 30	6 15	5 45	16 2	18 10	5 23
F 25	21 52	13 46	4 43	25 37	2 14	23 58	2 15	11 47	0 40	12 36	1 2	0 50	2 21	4 12	0 39	22 12	0 27	9 48	10 30	6 12	5 44	16 1	18 9	5 23
S 26	22 1	10 53	4 13	25 42	2 15	23 45	2 9	12 1	0 39	12 40	1 2	0 52	2 22	4 12	0 39	22 12	0 27	9 49	10 30	6 10	5 43	16 0	18 9	5 23
S 27	22 10	7 33	3 32	25 46	2 15	23 32	2 3	12 16	0 39	12 44	1 2	0 54	2 22	4 12	0 39	22 12	0 27	9 49	10 30	6 9	5 41	15 59	18 9	5 24
M28	22 19	3 51	2 41	25 48	2 15	23 19	1 56	12 30	0 38	12 48	1 2	0 55	2 22	4 11	0 39	22 12	0 27	9 50	10 30	6 9	5 40	15 58	18 8	5 24
T 29	22 27	0n 5	1 41	25 48	2 14	23 5	1 49	12 44	0 38	12 52	1 2	0 57	2 22	4 11	0 39	22 11	0 27	9 50	10 30	6 9	5 39	15 57	18 8	5 24
W30	22s34	4n 8	0n35	25s47	2s13	22s51	1s41	12s58	0n37	12s56	1n 2	0s58	2n22	4n11	0s38	22s11	0n26	9s50	10n30	6s10	5s38	15s56	18n 8	5s24

Julian Day Number = 2089899.5, Delta T = 23m36s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'22, Lahiri = 10°03'22 Julian Calendar 1 Nov. 1009 == Greg. Calendar 7 Nov. 1009

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ASTRODIENST EPHEMERIS for the year 1009
geocentric

DECEMBER 1009 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 0 35	14♐46'28	22♈ 6	2♑ 3	25♑50	6♏33	7♏ 9	7♎58	12°R 0	15♑50	29♏18	15°R35	14♎ 9	27♑10	26°R57	T 1
F 2	5 4 31	15°47'38	5♉38	3°29	26°22	7°13	7°21	8° 3	11♈59	15°52	29°20	15♎33	14° 6	27°17	26♊53	F 2
S 3	5 8 28	16°48'47	19°39	4°54	26°54	7°53	7°32	8° 7	11°58	15°54	29°23	15°28	14° 3	27°24	26°49	S 3
S 4	5 12 24	17°49'57	4♊ 6	6°17	27°23	8°34	7°44	8°11	11°58	15°57	29°25	15°22	13°59	27°30	26°46	S 4
M 5	5 16 21	18°51'07	18°55	7°37	27°52	9°14	7°55	8°15	11°57	15°59	29°27	15°13	13°56	27°37	26°42	M 5
T 6	5 20 18	19°52'17	3♋58	8°56	28°18	9°55	8° 7	8°18	11°56	16° 1	29°29	15° 2	13°53	27°44	26°38	T 6
W 7	5 24 14	20°53'28	19° 4	10°11	28°42	10°35	8°18	8°22	11°56	16° 3	29°32	14°52	13°50	27°50	26°34	W 7
T 8	5 28 11	21°54'39	4♌ 3	11°22	29° 5	11°16	8°29	8°26	11°56	16° 5	29°34	14°43	13°47	27°57	26°30	T 8
F 9	5 32 7	22°55'50	18°47	12°29	29°26	11°57	8°41	8°29	11°55	16° 7	29°36	14°36	13°43	28° 4	26°26	F 9
S 10	5 36 4	23°57'02	3♍10	13°31	29°45	12°37	8°52	8°33	11°55	16° 9	29°38	14°32	13°40	28°11	26°22	S 10
S 11	5 40 0	24°58'14	17°11	14°28	0♒ 2	13°18	9° 3	8°36	11°55	16°11	29°40	14°30	13°37	28°17	26°18	S 11
M12	5 43 57	25°59'26	0♎48	15°18	0°17	13°58	9°14	8°40	11°54	16°13	29°42	14°D30	13°34	28°24	26°14	M12
T 13	5 47 53	27° 0'38	14° 5	16° 1	0°29	14°39	9°25	8°43	11°54	16°16	29°45	14°R31	13°31	28°31	26°10	T 13
W14	5 51 50	28° 1'51	27° 3	16°36	0°40	15°20	9°36	8°46	11°54	16°18	29°47	14°30	13°28	28°37	26° 6	W14
T 15	5 55 47	29° 3'04	9♏46	17° 1	0°48	16° 1	9°46	8°49	11°54	16°20	29°49	14°27	13°24	28°44	26° 2	T 15
F 16	5 59 43	0♑ 4'17	22°18	17°17	0°54	16°41	9°57	8°52	11°D54	16°22	29°51	14°22	13°21	28°51	25°58	F 16
S 17	6 3 40	1° 5'31	4♐39	17°R22	0°57	17°22	10° 8	8°55	11°54	16°24	29°53	14°13	13°18	28°58	25°54	S 17
S 18	6 7 36	2° 6'44	16°53	17°15	0°R58	18° 3	10°18	8°57	11°54	16°27	29°55	14° 2	13°15	29° 4	25°50	S 18
M19	6 11 33	3° 7'57	28°59	16°57	0°57	18°44	10°28	9° 0	11°54	16°29	29°57	13°48	13°12	29°11	25°46	M19
T 20	6 15 29	4° 9'09	11♑ 0	16°27	0°53	19°25	10°39	9° 2	11°55	16°31	29°59	13°33	13° 9	29°18	25°42	T 20
W21	6 19 26	5°10'22	22°55	15°45	0°46	20° 5	10°49	9° 5	11°55	16°33	0♐ 1	13°18	13° 5	29°24	25°38	W21
T 22	6 23 22	6°11'34	4♒47	14°52	0°37	20°46	10°59	9° 7	11°55	16°36	0° 3	13° 5	13° 2	29°31	25°34	T 22
F 23	6 27 19	7°12'45	16°37	13°51	0°26	21°27	11° 9	9° 9	11°56	16°38	0° 5	12°53	12°59	29°38	25°30	F 23
S 24	6 31 16	8°13'55	28°28	12°41	0°12	22° 8	11°19	9°12	11°56	16°40	0° 7	12°45	12°56	29°45	25°26	S 24
S 25	6 35 12	9°15'05	10♓22	11°26	29♑55	22°49	11°29	9°14	11°57	16°42	0° 9	12°39	12°53	29°51	25°23	S 25
M26	6 39 9	10°16'15	22°25	10° 8	29°36	23°30	11°38	9°15	11°57	16°45	0°11	12°37	12°49	29°58	25°19	M26
T 27	6 43 5	11°17'23	4♈41	8°49	29°15	24°11	11°48	9°17	11°58	16°47	0°13	12°36	12°46	0♒ 5	25°15	T 27
W28	6 47 2	12°18'31	17°15	7°32	28°52	24°52	11°57	9°19	11°58	16°49	0°15	12°36	12°43	0°12	25°11	W28
T 29	6 50 58	13°19'37	0♉12	6°19	28°26	25°33	12° 7	9°21	11°59	16°51	0°16	12°35	12°40	0°18	25° 8	T 29
F 30	6 54 55	14°20'43	13°37	5°12	27°58	26°14	12°16	9°22	12° 0	16°54	0°18	12°33	12°37	0°25	25° 4	F 30
S 31	6 58 51	15♑21'48	27♉32	4♑12	27♑29	26♏55	12♏25	9♎23	12♈ 0	16♑56	0♐20	12♎28	12♎34	0♒32	25♊ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s41	8n 7	0s35	25s44	2s11	22s37	1s33	13s11	0n37	13s 0	1n 2	1s 0	2n23	4n11	0s38	22s11	0n26	9s51	10n30	6s10	5s36	15s55	18n 7	5s25
F 2	22 48	11 49	1 45	25 39	2 8	22 23	1 25	13 25	0 36	13 4	1 2	1 1	2 23	4 10	0 38	22 11	0 26	9 51	10 30	6 9	5 35	15 54	18 7	5 25
S 3	22 54	14 59	2 51	25 33	2 5	22 9	1 17	13 39	0 36	13 7	1 2	1 3	2 23	4 10	0 38	22 10	0 26	9 52	10 30	6 7	5 34	15 53	18 7	5 25
S 4	23 0	17 20	3 49	25 26	2 1	21 54	1 8	13 52	0 35	13 11	1 2	1 4	2 23	4 10	0 38	22 10	0 26	9 52	10 30	6 5	5 33	15 52	18 6	5 25
M 5	23 6	18 35	4 32	25 16	1 56	21 39	0 59	14 6	0 35	13 15	1 2	1 5	2 24	4 10	0 38	22 10	0 26	9 53	10 30	6 1	5 32	15 51	18 6	5 25
T 6	23 11	18 33	4 57	25 6	1 50	21 25	0 49	14 19	0 34	13 18	1 2	1 7	2 24	4 10	0 38	22 10	0 26	9 53	10 30	5 57	5 30	15 49	18 6	5 26
W 7	23 15	17 13	5 2	24 53	1 43	21 10	0 39	14 32	0 34	13 22	1 2	1 8	2 24	4 9	0 38	22 10	0 26	9 54	10 30	5 53	5 29	15 48	18 6	5 26
T 8	23 19	14 43	4 46	24 40	1 36	20 55	0 29	14 46	0 33	13 26	1 2	1 9	2 24	4 9	0 38	22 9	0 26	9 54	10 30	5 50	5 28	15 47	18 5	5 26
F 9	23 23	11 18	4 11	24 25	1 27	20 40	0 18	14 59	0 33	13 29	1 2	1 10	2 25	4 9	0 38	22 9	0 26	9 54	10 30	5 47	5 27	15 46	18 5	5 26
S 10	23 26	7 16	3 21	24 9	1 17	20 26	0 7	15 12	0 32	13 33	1 2	1 11	2 25	4 9	0 38	22 9	0 26	9 55	10 30	5 46	5 25	15 45	18 5	5 26
S 11	23 28	2 57	2 20	23 53	1 6	20 11	0n 4	15 25	0 32	13 36	1 2	1 12	2 25	4 9	0 38	22 9	0 26	9 55	10 30	5 45	5 24	15 44	18 5	5 26
M12	23 30	1s25	1 12	23 35	0 54	19 56	0 16	15 37	0 31	13 40	1 2	1 13	2 25	4 9	0 38	22 8	0 26	9 55	10 30	5 45	5 23	15 43	18 4	5 26
T 13	23 32	5 37	0 2	23 17	0 41	19 42	0 28	15 50	0 31	13 43	1 3	1 14	2 26	4 9	0 38	22 8	0 26	9 56	10 30	5 45	5 22	15 42	18 4	5 26
W14	23 33	9 27	1n 6	22 58	0 27	19 27	0 41	16 2	0 30	13 46	1 3	1 15	2 26	4 9	0 38	22 8	0 26	9 56	10 30	5 45	5 20	15 41	18 4	5 27
T 15	23 34	12 46	2 10	22 40	0 11	19 13	0 53	16 15	0 29	13 50	1 3	1 16	2 26	4 9	0 38	22 8	0 26	9 57	10 30	5 44	5 19	15 40	18 4	5 27
F 16	23 34	15 27	3 6	22 21	0n 5	18 59	1 7	16 27	0 29	13 53	1 3	1 17	2 27	4 9	0 38	22 7	0 26	9 57	10 30	5 42	5 18	15 39	18 4	5 27
S 17	23 34	17 23	3 52	22 3	0 23	18 45	1 20	16 39	0 28	13 56	1 3	1 18	2 27	4 9	0 38	22 7	0 26	9 57	10 31	5 38	5 17	15 37	18 3	5 27
S 18	23 33	18 29	4 27	21 46	0 41	18 31	1 34	16 51	0 28	13 59	1 3	1 19	2 27	4 9	0 38	22 7	0 26	9 58	10 31	5 34	5 15	15 36	18 3	5 27
M19	23 32	18 44	4 50	21 29	1 0	18 18	1 48	17 3	0 27	14 3	1 3	1 20	2 27	4 9	0 38	22 7	0 26	9 58	10 31	5 28	5 14	15 35	18 3	5 27
T 20	23 30	18 8	4 59	21 14	1 20	18 4	2 3	17 15	0 27	14 6	1 3	1 21	2 28	4 9	0 38	22 6	0 26	9 58	10 31	5 23	5 13	15 34	18 3	5 27
W21	23 28	16 45	4 55	21 0	1 39	17 51	2 17	17 27	0 26	14 9	1 3	1 21	2 28	4 9	0 38	22 6	0 26	9 58	10 31	5 17	5 12	15 33	18 3	5 27
T 22	23 25	14 39	4 39	20 47	1 58	17 39	2 32	17 38	0 25	14 12	1 3	1 22	2 28	4 10	0 38	22 6	0 26	9 59	10 31	5 11	5 10	15 32	18 3	5 27
F 23	23 22	11 58	4 10	20 36	2 16	17 26	2 47	17 49	0 25	14 15	1 3	1 23	2 28	4 10	0 38	22 5	0 26	9 59	10 31	5 7	5 9	15 31	18 2	5 27
S 24	23 18	8 47	3 31	20 26	2 32	17 15	3 2	18 1	0 24	14 18	1 3	1 23	2 29	4 10	0 38	22 5	0 26	9 59	10 31	5 4	5 8	15 30	18 2	5 27
S 25	23 14	5 14	2 41	20 17	2 47	17 3	3 18	18 12	0 23	14 21	1 4	1 24	2 29	4 10	0 38	22 5	0 26	9 59	10 31	5 2	5 7	15 28	18 2	5 27
M26	23 10	1 25	1 45	20 11	3 0	16 52	3 33	18 23	0 23	14 24	1 4	1 24	2 29	4 10	0 37	22 5	0 26	10 0	10 32	5 0	5 5	15 27	18 2	5 27
T 27	23 5	2n30	0 42	20 6	3 11	16 41	3 49	18 33	0 22	14 27	1 4	1 25	2 30	4 11	0 37	22 4	0 26	10 0	10 32	5 0	5 4	15 26	18 2	5 27
W28	23 0	6 26	0s25	20 2	3 19	16 31	4 4	18 44	0 22	14 29	1 4	1 25	2 30	4 11	0 37	22 4	0 26	10 0	10 32	5 0	5 3	15 25	18 2	5 27
T 29	22 54	10 10	1 32	20 0	3 25	16 21	4 19	18 55	0 21	14 32	1 4	1 25	2 30	4 11	0 37	22 4	0 26	10 0	10 32	5 0	5 2	15 24	18 2	5 27
F 30	22 47	13 32	2 36	20 0	3 28	16 12	4 34	19 5	0 20	14 35	1 4	1 26	2 30	4 12	0 37	22 4	0 26	10 1	10 32	4 59	5 0	15 23	18 2	5 27
S 31	22s40	16n15	3s34	20s 1	3n29	16s 3	4n49	19s15	0n20	14s38	1n 4	1s26	2n31	4n12	0s37	22s 3	0n26	10s 1	10n32	4s57	4s59	15s22	18n 2	5s27

Julian Day Number = 2089929.5, Delta T = 23m35s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'26, Lahiri = 10°03'26 Julian Calendar 1 Dec. 1009 == Greg. Calendar 7 Dec. 1009

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

JANUARY 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 2 48	16♉22'52	11♊58	3°R20	26°R57	27♏36	12♏34	9♎25	12♈ 1	16♉58	0♐22	12°R21	12♎30	0♒38	24°R56	S 1
M 2	7 6 45	17°23'55	26°50	2♉38	26♉24	28°17	12°43	9°26	12° 2	17° 0	0°24	12♎11	12°27	0°45	24♊53	M 2
T 3	7 10 41	18°24'57	12♋ 2	2° 4	25°50	28°58	12°52	9°27	12° 3	17° 3	0°25	11°59	12°24	0°52	24°49	T 3
W 4	7 14 38	19°25'58	27°23	1°40	25°15	29°40	13° 0	9°28	12° 4	17° 5	0°27	11°48	12°21	0°59	24°46	W 4
T 5	7 18 34	20°26'58	12♌41	1°24	24°39	0♐21	13° 9	9°29	12° 5	17° 7	0°29	11°37	12°18	1° 5	24°42	T 5
F 6	7 22 31	21°27'57	27°45	1°D17	24° 2	1° 2	13°17	9°30	12° 6	17°10	0°30	11°29	12°15	1°12	24°39	F 6
S 7	7 26 27	22°28'56	12♍27	1°18	23°25	1°43	13°26	9°30	12° 7	17°12	0°32	11°24	12°11	1°19	24°36	S 7
S 8	7 30 24	23°29'54	26°42	1°27	22°47	2°24	13°34	9°31	12° 9	17°14	0°34	11°21	12° 8	1°25	24°32	S 8
M 9	7 34 20	24°30'51	10♎29	1°43	22°10	3° 6	13°42	9°31	12°10	17°16	0°35	11°D21	12° 5	1°32	24°29	M 9
T 10	7 38 17	25°31'48	23°49	2° 5	21°34	3°47	13°50	9°32	12°11	17°19	0°37	11°R21	12° 2	1°39	24°26	T 10
W11	7 42 14	26°32'43	6♏46	2°33	20°58	4°28	13°58	9°32	12°12	17°21	0°38	11°20	11°59	1°46	24°23	W11
T 12	7 46 10	27°33'38	19°24	3° 7	20°23	5° 9	14° 5	9°32	12°14	17°23	0°40	11°18	11°55	1°52	24°19	T 12
F 13	7 50 7	28°34'32	1♐46	3°45	19°49	5°51	14°13	9°R32	12°15	17°25	0°41	11°14	11°52	1°59	24°16	F 13
S 14	7 54 3	29°35'25	13°57	4°28	19°17	6°32	14°20	9°32	12°17	17°28	0°43	11° 6	11°49	2° 6	24°13	S 14
S 15	7 58 0	0♒36'17	26° 1	5°15	18°46	7°14	14°27	9°32	12°18	17°30	0°44	10°56	11°46	2°12	24°10	S 15
M16	8 1 56	1°37'08	7♉58	6° 6	18°17	7°55	14°34	9°31	12°20	17°32	0°45	10°44	11°43	2°19	24° 8	M16
T 17	8 5 53	2°37'58	19°52	7° 0	17°50	8°36	14°41	9°31	12°21	17°34	0°47	10°30	11°40	2°26	24° 5	T 17
W18	8 9 50	3°38'47	1♒44	7°58	17°24	9°18	14°48	9°30	12°23	17°37	0°48	10°17	11°36	2°33	24° 2	W18
T 19	8 13 46	4°39'34	13°35	8°58	17° 1	9°59	14°55	9°30	12°25	17°39	0°49	10° 4	11°33	2°39	23°59	T 19
F 20	8 17 43	5°40'19	25°27	10° 1	16°41	10°41	15° 1	9°29	12°27	17°41	0°51	9°54	11°30	2°46	23°57	F 20
S 21	8 21 39	6°41'04	7♓22	11° 6	16°22	11°22	15° 7	9°28	12°28	17°43	0°52	9°46	11°27	2°53	23°54	S 21
S 22	8 25 36	7°41'46	19°21	12°13	16° 6	12° 4	15°14	9°27	12°30	17°45	0°53	9°41	11°24	2°59	23°52	S 22
M23	8 29 32	8°42'27	1♈27	13°23	15°53	12°45	15°20	9°26	12°32	17°48	0°54	9°39	11°21	3° 6	23°49	M23
T 24	8 33 29	9°43'07	13°45	14°34	15°42	13°27	15°26	9°25	12°34	17°50	0°55	9°D39	11°17	3°13	23°47	T 24
W25	8 37 25	10°43'44	26°18	15°48	15°33	14° 8	15°31	9°24	12°36	17°52	0°56	9°39	11°14	3°20	23°45	W25
T 26	8 41 22	11°44'20	9♉12	17° 2	15°27	14°50	15°37	9°23	12°38	17°54	0°58	9°R40	11°11	3°26	23°42	T 26
F 27	8 45 18	12°44'54	22°29	18°19	15°23	15°32	15°42	9°21	12°40	17°56	0°59	9°40	11° 8	3°33	23°40	F 27
S 28	8 49 15	13°45'27	6♊13	19°37	15°D22	16°13	15°48	9°20	12°42	17°58	1° 0	9°37	11° 5	3°40	23°38	S 28
S 29	8 53 12	14°45'57	20°25	20°56	15°23	16°55	15°53	9°18	12°44	18° 0	1° 1	9°33	11° 1	3°46	23°36	S 29
M30	8 57 8	15°46'25	5♋ 5	22°17	15°26	17°36	15°58	9°16	12°47	18° 2	1° 2	9°26	10°58	3°53	23°34	M30
T 31	9 1 5	16♒46'52	20♋ 6	23♉39	15♉32	18♐18	16♏ 2	9♎14	12♈49	18♉ 4	1♐ 3	9♎18	10♎55	4♒ 0	23♊33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s33	18n 3	4s20	20s 4	3n28	15s55	5n 3	19s25	0n19	14s40	1n 4	1s26	2n31	4n12	0s37	22s 3	0n26	10s 1	10n32	4s54	4s58	15s20	18n 2	5s27
M 2	22 26	18 42	4 50	20 8	3 25	15 47	5 17	19 35	0 18	14 43	1 4	1 26	2 31	4 13	0 37	22 3	0 26	10 1	10 33	4 50	4 57	15 19	18 1	5 27
T 3	22 17	18 2	5 0	20 13	3 20	15 40	5 31	19 45	0 18	14 45	1 4	1 27	2 32	4 13	0 37	22 3	0 26	10 1	10 33	4 46	4 56	15 18	18 1	5 27
W 4	22 9	16 4	4 49	20 20	3 14	15 33	5 44	19 55	0 17	14 48	1 5	1 27	2 32	4 13	0 37	22 2	0 26	10 2	10 33	4 41	4 54	15 17	18 1	5 26
T 5	22 0	12 58	4 18	20 27	3 6	15 27	5 57	20 4	0 16	14 50	1 5	1 27	2 32	4 14	0 37	22 2	0 26	10 2	10 33	4 37	4 53	15 16	18 1	5 26
F 6	21 51	9 3	3 29	20 35	2 58	15 22	6 9	20 13	0 15	14 53	1 5	1 27	2 32	4 14	0 37	22 2	0 26	10 2	10 33	4 34	4 52	15 15	18 1	5 26
S 7	21 41	4 40	2 26	20 44	2 49	15 17	6 20	20 22	0 15	14 55	1 5	1 27	2 33	4 15	0 37	22 1	0 26	10 2	10 33	4 32	4 51	15 14	18 1	5 26
S 8	21 30	0 9	1 17	20 54	2 40	15 12	6 31	20 31	0 14	14 58	1 5	1 27	2 33	4 15	0 37	22 1	0 26	10 2	10 34	4 31	4 49	15 12	18 1	5 26
M 9	21 20	4s14	0 5	21 4	2 30	15 9	6 40	20 40	0 13	15 0	1 5	1 27	2 33	4 16	0 37	22 1	0 26	10 2	10 34	4 31	4 48	15 11	18 1	5 26
T 10	21 9	8 16	1n 6	21 14	2 19	15 5	6 49	20 49	0 13	15 2	1 5	1 27	2 33	4 16	0 37	22 1	0 26	10 2	10 34	4 31	4 47	15 10	18 1	5 26
W11	20 57	11 48	2 10	21 24	2 9	15 3	6 57	20 57	0 12	15 4	1 5	1 26	2 34	4 17	0 37	22 0	0 26	10 2	10 34	4 31	4 46	15 9	18 1	5 26
T 12	20 45	14 40	3 7	21 34	1 58	15 1	7 5	21 5	0 11	15 6	1 6	1 26	2 34	4 18	0 37	22 0	0 26	10 3	10 34	4 30	4 44	15 8	18 1	5 25
F 13	20 33	16 49	3 54	21 43	1 47	14 59	7 11	21 14	0 10	15 9	1 6	1 26	2 34	4 18	0 37	22 0	0 26	10 3	10 35	4 28	4 43	15 7	18 1	5 25
S 14	20 21	18 9	4 29	21 53	1 37	14 58	7 17	21 21	0 10	15 11	1 6	1 26	2 35	4 19	0 37	21 59	0 26	10 3	10 35	4 25	4 42	15 5	18 2	5 25
S 15	20 8	18 39	4 51	22 2	1 26	14 57	7 21	21 29	0 9	15 13	1 6	1 25	2 35	4 19	0 37	21 59	0 26	10 3	10 35	4 21	4 41	15 4	18 2	5 25
M16	19 54	18 19	5 1	22 10	1 15	14 57	7 25	21 37	0 8	15 15	1 6	1 25	2 35	4 20	0 37	21 59	0 26	10 3	10 35	4 16	4 39	15 3	18 2	5 25
T 17	19 40	17 11	4 57	22 18	1 5	14 58	7 28	21 44	0 7	15 17	1 6	1 25	2 35	4 21	0 37	21 59	0 26	10 3	10 36	4 11	4 38	15 2	18 2	5 24
W18	19 26	15 19	4 41	22 25	0 55	14 59	7 30	21 51	0 6	15 18	1 6	1 24	2 36	4 21	0 37	21 58	0 26	10 3	10 36	4 5	4 37	15 1	18 2	5 24
T 19	19 12	12 48	4 12	22 31	0 44	15 0	7 32	21 58	0 6	15 20	1 6	1 24	2 36	4 22	0 37	21 58	0 26	10 3	10 36	4 1	4 36	15 0	18 2	5 24
F 20	18 57	9 46	3 32	22 37	0 34	15 2	7 32	22 5	0 5	15 22	1 7	1 23	2 36	4 23	0 37	21 58	0 26	10 3	10 36	3 56	4 34	14 58	18 2	5 24
S 21	18 42	6 20	2 43	22 41	0 25	15 4	7 32	22 12	0 4	15 24	1 7	1 22	2 37	4 24	0 37	21 57	0 26	10 3	10 36	3 53	4 33	14 57	18 2	5 24
S 22	18 26	2 37	1 46	22 45	0 15	15 7	7 31	22 18	0 3	15 25	1 7	1 22	2 37	4 24	0 37	21 57	0 26	10 3	10 37	3 51	4 32	14 56	18 2	5 23
M23	18 11	1n15	0 44	22 47	0 6	15 10	7 30	22 24	0 2	15 27	1 7	1 21	2 37	4 25	0 36	21 57	0 26	10 3	10 37	3 51	4 31	14 55	18 2	5 23
T 24	17 55	5 7	0s22	22 49	0s 3	15 13	7 28	22 30	0 2	15 29	1 7	1 21	2 37	4 26	0 36	21 57	0 26	10 3	10 37	3 50	4 29	14 54	18 3	5 23
W25	17 38	8 50	1 28	22 49	0 12	15 17	7 25	22 36	0 1	15 30	1 7	1 20	2 38	4 27	0 36	21 56	0 26	10 3	10 37	3 51	4 28	14 52	18 3	5 23
T 26	17 21	12 14	2 31	22 49	0 21	15 21	7 22	22 42	0s 0	15 32	1 7	1 19	2 38	4 27	0 36	21 56	0 26	10 3	10 38	3 51	4 27	14 51	18 3	5 22
F 27	17 4	15 7	3 29	22 47	0 29	15 25	7 18	22 47	0 1	15 33	1 7	1 18	2 38	4 28	0 36	21 56	0 26	10 3	10 38	3 51	4 26	14 50	18 3	5 22
S 28	16 47	17 15	4 16	22 44	0 37	15 29	7 14	22 53	0 2	15 34	1 8	1 17	2 38	4 29	0 36	21 56	0 26	10 3	10 38	3 50	4 24	14 49	18 3	5 22
S 29	16 29	18 24	4 49	22 39	0 44	15 33	7 10	22 58	0 3	15 36	1 8	1 16	2 39	4 30	0 36	21 55	0 26	10 3	10 38	3 48	4 23	14 48	18 3	5 22
M30	16 12	18 23	5 5	22 34	0 52	15 38	7 5	23 3	0 4	15 37	1 8	1 16	2 39	4 31	0 36	21 55	0 26	10 3	10 39	3 46	4 22	14 46	18 4	5 21
T 31	15s53	17n 5	5s 1	22s27	0s59	15s42	7n 0	23s 7	0s 4	15s38	1n 8	1s15	2n39	4n32	0s36	21s55	0n26	10s 3	10n39	3s42	4s21	14s45	18n 4	5s21

Julian Day Number = 2089960.5, Delta T = 23m35s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'30, Lahiri = 10°03'30 Julian Calendar 1 Jan. 1010 == Greg. Calendar 7 Jan. 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

FEBRUARY 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 5 1	17♒47'17	5♌22	25♑ 3	15♑40	19♐ 0	16♏ 7	9°R12	12♈51	18♑ 6	1♐ 3	9°R10	10♎52	4♒ 7	23°R31	W 1
T 2	9 8 58	18°47'40	20°40	26°27	15°50	19°41	16°11	9♎10	12°53	18° 8	1° 4	9♎ 3	10°49	4°13	23♊29	T 2
F 3	9 12 54	19°48'01	5♍50	27°53	16° 3	20°23	16°16	9° 8	12°56	18°11	1° 5	8°57	10°46	4°20	23°28	F 3
S 4	9 16 51	20°48'20	20°42	29°20	16°18	21° 5	16°20	9° 6	12°58	18°12	1° 6	8°53	10°42	4°27	23°26	S 4
S 5	9 20 47	21°48'38	5♎10	0♒48	16°34	21°47	16°24	9° 4	13° 0	18°14	1° 7	8°D52	10°39	4°33	23°25	S 5
M 6	9 24 44	22°48'54	19° 9	2°17	16°53	22°28	16°27	9° 1	13° 3	18°16	1° 7	8°52	10°36	4°40	23°23	M 6
T 7	9 28 41	23°49'09	2♏40	3°48	17°14	23°10	16°31	8°59	13° 5	18°18	1° 8	8°53	10°33	4°47	23°22	T 7
W 8	9 32 37	24°49'23	15°44	5°19	17°36	23°52	16°34	8°56	13° 8	18°20	1° 9	8°55	10°30	4°54	23°21	W 8
T 9	9 36 34	25°49'34	28°26	6°51	18° 0	24°34	16°37	8°54	13°10	18°22	1° 9	8°R55	10°27	5° 0	23°20	T 9
F 10	9 40 30	26°49'45	10♐49	8°25	18°26	25°16	16°41	8°51	13°13	18°24	1°10	8°54	10°23	5° 7	23°19	F 10
S 11	9 44 27	27°49'53	22°58	10° 0	18°54	25°57	16°43	8°48	13°16	18°26	1°10	8°51	10°20	5°14	23°18	S 11
S 12	9 48 23	28°50'00	4♑57	11°35	19°23	26°39	16°46	8°45	13°18	18°28	1°11	8°46	10°17	5°20	23°17	S 12
M13	9 52 20	29°50'06	16°50	13°12	19°54	27°21	16°49	8°42	13°21	18°30	1°11	8°40	10°14	5°27	23°16	M13
T 14	9 56 16	0♓50'09	28°41	14°50	20°26	28° 3	16°51	8°39	13°24	18°32	1°12	8°32	10°11	5°34	23°16	T 14
W15	10 0 13	1°50'11	10♒32	16°29	21° 0	28°45	16°53	8°36	13°26	18°33	1°12	8°25	10° 7	5°40	23°15	W15
T 16	10 4 10	2°50'11	22°25	18° 9	21°35	29°27	16°55	8°33	13°29	18°35	1°13	8°18	10° 4	5°47	23°15	T 16
F 17	10 8 6	3°50'09	4♓22	19°50	22°12	0♑ 9	16°57	8°29	13°32	18°37	1°13	8°13	10° 1	5°54	23°14	F 17
S 18	10 12 3	4°50'05	16°24	21°33	22°49	0°51	16°58	8°26	13°35	18°39	1°13	8° 9	9°58	6° 1	23°14	S 18
S 19	10 15 59	5°49'58	28°33	23°16	23°28	1°33	17° 0	8°23	13°38	18°40	1°14	8° 7	9°55	6° 7	23°14	S 19
M20	10 19 56	6°49'50	10♈51	25° 1	24° 8	2°14	17° 1	8°19	13°41	18°42	1°14	8°D 7	9°52	6°14	23°14	M20
T 21	10 23 52	7°49'40	23°20	26°47	24°49	2°56	17° 2	8°15	13°44	18°44	1°14	8° 7	9°48	6°21	23°D14	T 21
W22	10 27 49	8°49'27	6♉ 3	28°34	25°31	3°38	17° 3	8°12	13°47	18°45	1°14	8° 9	9°45	6°27	23°14	W22
T 23	10 31 45	9°49'12	19° 2	0♓22	26°14	4°20	17° 3	8° 8	13°49	18°47	1°14	8°11	9°42	6°34	23°14	T 23
F 24	10 35 42	10°48'55	2♊19	2°11	26°58	5° 2	17° 4	8° 4	13°52	18°48	1°15	8°12	9°39	6°41	23°14	F 24
S 25	10 39 39	11°48'36	15°58	4° 2	27°43	5°44	17° 4	8° 0	13°56	18°50	1°15	8°R12	9°36	6°48	23°14	S 25
S 26	10 43 35	12°48'14	29°58	5°54	28°29	6°26	17°R 4	7°57	13°59	18°51	1°15	8°11	9°32	6°54	23°15	S 26
M27	10 47 32	13°47'50	14♋20	7°47	29°16	7° 8	17° 4	7°53	14° 2	18°53	1°R15	8° 9	9°29	7° 1	23°15	M27
T 28	10 51 28	14♓47'24	29♋ 1	9♓41	0♒ 4	7♑50	17♏ 4	7♎49	14♈ 5	18♑54	1♐15	8♎ 6	9♎26	7♒ 8	23♊16	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15s35	14n35	4s35	22s19	1s 6	15s47	6n54	23s12	0s 5	15s40	1n 8	1s14	2n39	4n33	0s36	21s54	0n26	10s 3	10n39	3s39	4s19	14s44	18n 4	5s21	W 1
T 2	15 16	11 3	3 50	22 9	1 12	15 52	6 48	23 16	0 6	15 41	1 8	1 13	2 40	4 34	0 36	21 54	0 26	10 3	10 39	3 36	4 18	14 43	18 4	5 20	T 2
F 3	14 57	6 49	2 48	21 59	1 19	15 56	6 42	23 20	0 7	15 42	1 8	1 12	2 40	4 35	0 36	21 54	0 26	10 2	10 40	3 34	4 17	14 42	18 4	5 20	F 3
S 4	14 38	2 14	1 36	21 46	1 24	16 1	6 36	23 24	0 8	15 43	1 9	1 10	2 40	4 36	0 36	21 54	0 26	10 2	10 40	3 32	4 16	14 40	18 5	5 20	S 4
S 5	14 19	2s22	0 20	21 33	1 30	16 6	6 29	23 27	0 9	15 44	1 9	1 9	2 40	4 37	0 36	21 53	0 26	10 2	10 40	3 32	4 14	14 39	18 5	5 20	S 5
M 6	13 59	6 41	0n55	21 18	1 35	16 10	6 22	23 31	0 10	15 45	1 9	1 8	2 41	4 38	0 36	21 53	0 26	10 2	10 40	3 32	4 13	14 38	18 5	5 19	M 6
T 7	13 39	10 30	2 5	21 2	1 40	16 15	6 15	23 34	0 11	15 46	1 9	1 7	2 41	4 39	0 36	21 53	0 26	10 2	10 41	3 33	4 12	14 37	18 5	5 19	T 7
W 8	13 19	13 40	3 6	20 44	1 45	16 19	6 8	23 37	0 12	15 46	1 9	1 6	2 41	4 40	0 36	21 53	0 26	10 2	10 41	3 33	4 11	14 35	18 6	5 19	W 8
T 9	12 59	16 5	3 56	20 25	1 49	16 23	6 1	23 40	0 13	15 47	1 9	1 4	2 41	4 41	0 36	21 52	0 26	10 2	10 41	3 33	4 9	14 34	18 6	5 18	T 9
F 10	12 38	17 40	4 34	20 4	1 53	16 27	5 53	23 42	0 14	15 48	1 9	1 3	2 42	4 42	0 36	21 52	0 26	10 2	10 42	3 33	4 8	14 33	18 6	5 18	F 10
S 11	12 17	18 25	4 58	19 42	1 56	16 31	5 46	23 45	0 15	15 49	1 10	1 2	2 42	4 43	0 36	21 52	0 26	10 1	10 42	3 31	4 7	14 32	18 6	5 18	S 11
S 12	11 56	18 20	5 9	19 18	1 59	16 34	5 38	23 47	0 16	15 49	1 10	1 0	2 42	4 44	0 36	21 52	0 26	10 1	10 42	3 30	4 6	14 31	18 7	5 17	S 12
M13	11 35	17 26	5 7	18 53	2 2	16 38	5 31	23 49	0 17	15 50	1 10	0 59	2 42	4 45	0 36	21 51	0 26	10 1	10 42	3 27	4 4	14 29	18 7	5 17	M13
T 14	11 14	15 47	4 51	18 27	2 4	16 41	5 23	23 51	0 18	15 50	1 10	0 58	2 42	4 46	0 36	21 51	0 26	10 1	10 43	3 24	4 3	14 28	18 7	5 17	T 14
W15	10 53	13 28	4 23	17 59	2 6	16 44	5 15	23 52	0 19	15 51	1 10	0 56	2 43	4 47	0 36	21 51	0 26	10 1	10 43	3 21	4 2	14 27	18 8	5 16	W15
T 16	10 31	10 36	3 43	17 29	2 8	16 46	5 7	23 53	0 20	15 51	1 10	0 55	2 43	4 48	0 36	21 51	0 26	10 0	10 43	3 19	4 1	14 26	18 8	5 16	T 16
F 17	10 9	7 16	2 54	16 59	2 9	16 48	4 59	23 55	0 21	15 52	1 11	0 53	2 43	4 49	0 36	21 50	0 26	10 0	10 43	3 17	3 59	14 24	18 8	5 16	F 17
S 18	9 47	3 37	1 56	16 26	2 9	16 50	4 51	23 55	0 22	15 52	1 11	0 52	2 43	4 50	0 36	21 50	0 26	10 0	10 44	3 15	3 58	14 23	18 9	5 15	S 18
S 19	9 25	0n13	0 52	15 52	2 10	16 51	4 43	23 56	0 23	15 52	1 11	0 50	2 43	4 51	0 36	21 50	0 26	10 0	10 44	3 14	3 57	14 22	18 9	5 15	S 19
M20	9 3	4 5	0s15	15 17	2 9	16 53	4 36	23 56	0 24	15 52	1 11	0 49	2 44	4 53	0 36	21 50	0 26	10 0	10 44	3 14	3 56	14 21	18 9	5 15	M20
T 21	8 41	7 50	1 23	14 40	2 9	16 53	4 28	23 57	0 25	15 52	1 11	0 47	2 44	4 54	0 36	21 49	0 26	9 59	10 44	3 14	3 54	14 19	18 10	5 14	T 21
W22	8 18	11 17	2 27	14 2	2 8	16 54	4 20	23 57	0 26	15 53	1 11	0 46	2 44	4 55	0 36	21 49	0 26	9 59	10 45	3 15	3 53	14 18	18 10	5 14	W22
T 23	7 56	14 16	3 26	13 22	2 6	16 53	4 12	23 56	0 27	15 53	1 11	0 44	2 44	4 56	0 36	21 49	0 26	9 59	10 45	3 16	3 52	14 17	18 10	5 14	T 23
F 24	7 33	16 34	4 15	12 40	2 4	16 53	4 4	23 56	0 28	15 53	1 12	0 42	2 44	4 57	0 36	21 49	0 26	9 59	10 45	3 16	3 50	14 16	18 11	5 13	F 24
S 25	7 10	18 0	4 51	11 58	2 1	16 52	3 56	23 55	0 29	15 52	1 12	0 41	2 44	4 58	0 36	21 49	0 26	9 58	10 46	3 16	3 49	14 14	18 11	5 13	S 25
S 26	6 47	18 23	5 11	11 13	1 58	16 51	3 48	23 55	0 30	15 52	1 12	0 39	2 45	5 0	0 36	21 48	0 26	9 58	10 46	3 16	3 48	14 13	18 11	5 13	S 26
M27	6 24	17 37	5 13	10 28	1 54	16 49	3 40	23 53	0 31	15 52	1 12	0 37	2 45	5 1	0 36	21 48	0 26	9 58	10 46	3 15	3 47	14 12	18 12	5 12	M27
T 28	6s 1	15n40	4s54	9s41	1s50	16s47	3n33	23s52	0s32	15s52	1n12	0s35	2n45	5n 2	0s36	21s48	0n26	9s58	10n46	3s14	3s45	14s11	18n12	5s12	T 28

Julian Day Number = 2089991.5, Delta T = 23m35s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'34, Lahiri = 10°03'35 Julian Calendar 1 Feb. 1010 == Greg. Calendar 7 Feb. 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

MARCH 1010 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 55 25	15♓46'55	13♌55	11♓36	0♒52	8♑32	17°R 3	7°R45	14♈ 8	18♑56	1°R15	8°R 3	9♎23	7♒14	23♊16	W 1
T 2	10 59 21	16°46'24	28°55	13°33	1°41	9°14	17♏ 2	7♎40	14°11	18°57	1♐15	8♎ 0	9°20	7°21	23°17	T 2
F 3	11 3 18	17°45'51	13♍51	15°31	2°31	9°56	17° 2	7°36	14°14	18°59	1°14	7°58	9°17	7°28	23°18	F 3
S 4	11 7 14	18°45'15	28°37	17°29	3°22	10°38	17° 1	7°32	14°17	19° 0	1°14	7°57	9°13	7°34	23°19	S 4
S 5	11 11 11	19°44'38	13♎ 4	19°29	4°13	11°20	16°59	7°28	14°21	19° 1	1°14	7°D57	9°10	7°41	23°20	S 5
M 6	11 15 7	20°43'58	27° 7	21°30	5° 5	12° 3	16°58	7°24	14°24	19° 3	1°14	7°57	9° 7	7°48	23°21	M 6
T 7	11 19 4	21°43'17	10♏45	23°31	5°58	12°45	16°56	7°19	14°27	19° 4	1°14	7°59	9° 4	7°55	23°22	T 7
W 8	11 23 1	22°42'34	23°57	25°33	6°51	13°27	16°55	7°15	14°30	19° 5	1°13	8° 0	9° 1	8° 1	23°23	W 8
T 9	11 26 57	23°41'49	6♐45	27°36	7°45	14° 9	16°53	7°10	14°33	19° 7	1°13	8° 1	8°58	8° 8	23°25	T 9
F 10	11 30 54	24°41'03	19°14	29°39	8°40	14°51	16°50	7° 6	14°37	19° 8	1°13	8° 2	8°54	8°15	23°26	F 10
S 11	11 34 50	25°40'14	1♑26	1♈42	9°35	15°33	16°48	7° 2	14°40	19° 9	1°12	8°R 2	8°51	8°21	23°28	S 11
S 12	11 38 47	26°39'24	13°26	3°45	10°30	16°15	16°46	6°57	14°43	19°10	1°12	8° 1	8°48	8°28	23°29	S 12
M13	11 42 43	27°38'32	25°19	5°48	11°27	16°57	16°43	6°53	14°47	19°11	1°11	8° 0	8°45	8°35	23°31	M13
T 14	11 46 40	28°37'38	7♒10	7°50	12°23	17°39	16°40	6°48	14°50	19°12	1°11	7°59	8°42	8°42	23°33	T 14
W15	11 50 36	29°36'42	19° 1	9°51	13°20	18°21	16°37	6°44	14°53	19°13	1°10	7°57	8°38	8°48	23°35	W15
T 16	11 54 33	0♈35'44	0♓57	11°50	14°18	19° 3	16°34	6°39	14°57	19°14	1°10	7°56	8°35	8°55	23°36	T 16
F 17	11 58 30	1°34'44	13° 0	13°48	15°15	19°46	16°30	6°34	15° 0	19°15	1° 9	7°56	8°32	9° 2	23°38	F 17
S 18	12 2 26	2°33'42	25°13	15°43	16°14	20°28	16°27	6°30	15° 3	19°16	1° 9	7°55	8°29	9° 8	23°41	S 18
S 19	12 6 23	3°32'38	7♈36	17°36	17°12	21°10	16°23	6°25	15° 7	19°17	1° 8	7°D55	8°26	9°15	23°43	S 19
M20	12 10 19	4°31'32	20°11	19°27	18°12	21°52	16°19	6°21	15°10	19°18	1° 7	7°55	8°23	9°22	23°45	M20
T 21	12 14 16	5°30'24	2♉59	21°14	19°11	22°34	16°15	6°16	15°14	19°19	1° 7	7°55	8°19	9°28	23°47	T 21
W22	12 18 12	6°29'14	16° 1	22°57	20°11	23°16	16°11	6°11	15°17	19°20	1° 6	7°55	8°16	9°35	23°50	W22
T 23	12 22 9	7°28'02	29°17	24°37	21°11	23°58	16° 6	6° 7	15°20	19°21	1° 5	7°56	8°13	9°42	23°52	T 23
F 24	12 26 5	8°26'47	12♊47	26°13	22°12	24°40	16° 2	6° 2	15°24	19°22	1° 4	7°R56	8°10	9°49	23°55	F 24
S 25	12 30 2	9°25'30	26°31	27°44	23°12	25°22	15°57	5°58	15°27	19°22	1° 4	7°55	8° 7	9°55	23°57	S 25
S 26	12 33 59	10°24'11	10♋29	29°11	24°13	26° 4	15°52	5°53	15°31	19°23	1° 3	7°D55	8° 3	10° 2	24° 0	S 26
M27	12 37 55	11°22'50	24°40	0♌32	25°15	26°46	15°47	5°48	15°34	19°24	1° 2	7°56	8° 0	10° 9	24° 3	M27
T 28	12 41 52	12°21'26	9♌ 2	1°49	26°17	27°28	15°42	5°44	15°38	19°24	1° 1	7°56	7°57	10°15	24° 6	T 28
W29	12 45 48	13°20'00	23°31	3° 1	27°19	28°10	15°37	5°39	15°41	19°25	1° 0	7°56	7°54	10°22	24° 9	W29
T 30	12 49 45	14°18'32	8♍ 4	4° 8	28°21	28°52	15°31	5°35	15°45	19°26	0°59	7°57	7°51	10°29	24°12	T 30
F 31	12 53 41	15♈17'01	22♍35	5♌ 9	29♒23	29♑34	15♏26	5♎30	15♈48	19♑26	0♐58	7♎57	7♎48	10♒35	24♊15	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	5s38	12n40	4s15	8s52	1s45	16s44	3n25	23s51	0s33	15s52	1n12	0s34	2n45	5n 3	0s35	21s48	0n26	9s57	10n47	3s13	3s44	14s 9	18n13	5s11	
T 2	5 15	8 48	3 19	8 2	1 40	16 41	3 17	23 49	0 35	15 51	1 12	0 32	2 45	5 5	0 35	21 48	0 26	9 57	10 47	3 11	3 43	14 8	18 13	5 11	
F 3	4 52	4 24	2 9	7 11	1 34	16 37	3 10	23 47	0 36	15 51	1 12	0 30	2 45	5 6	0 35	21 47	0 26	9 57	10 47	3 11	3 42	14 7	18 13	5 11	
S 4	4 28	0s14	0 51	6 19	1 28	16 33	3 2	23 45	0 37	15 51	1 13	0 28	2 45	5 7	0 35	21 47	0 26	9 57	10 47	3 10	3 40	14 5	18 14	5 10	
S 5	4 5	4 45	0n28	5 25	1 21	16 28	2 55	23 43	0 38	15 50	1 13	0 27	2 46	5 8	0 35	21 47	0 26	9 56	10 48	3 10	3 39	14 4	18 14	5 10	
M 6	3 41	8 53	1 44	4 31	1 13	16 23	2 47	23 40	0 39	15 50	1 13	0 25	2 46	5 10	0 35	21 47	0 26	9 56	10 48	3 10	3 38	14 3	18 15	5 10	
T 7	3 18	12 25	2 52	3 35	1 5	16 18	2 40	23 37	0 40	15 49	1 13	0 23	2 46	5 11	0 35	21 47	0 26	9 56	10 48	3 11	3 37	14 2	18 15	5 9	
W 8	2 54	15 11	3 48	2 39	0 57	16 12	2 32	23 34	0 41	15 48	1 13	0 21	2 46	5 12	0 35	21 46	0 26	9 55	10 48	3 11	3 35	14 0	18 15	5 9	
T 9	2 31	17 6	4 31	1 41	0 48	16 5	2 25	23 31	0 43	15 48	1 13	0 19	2 46	5 13	0 35	21 46	0 26	9 55	10 49	3 12	3 34	13 59	18 16	5 9	
F 10	2 7	18 9	5 0	0 44	0 38	15 58	2 18	23 28	0 44	15 47	1 13	0 18	2 46	5 15	0 35	21 46	0 26	9 55	10 49	3 12	3 33	13 58	18 16	5 8	
S 11	1 44	18 19	5 14	0n15	0 28	15 51	2 11	23 24	0 45	15 46	1 14	0 16	2 46	5 16	0 35	21 46	0 26	9 54	10 49	3 12	3 32	13 56	18 17	5 8	
S 12	1 20	17 39	5 15	1 13	0 18	15 43	2 4	23 20	0 46	15 45	1 14	0 14	2 46	5 17	0 35	21 46	0 26	9 54	10 49	3 12	3 30	13 55	18 17	5 8	
M13	0 57	16 14	5 2	2 12	0 7	15 34	1 57	23 16	0 47	15 44	1 14	0 12	2 46	5 19	0 35	21 46	0 26	9 54	10 50	3 11	3 29	13 54	18 17	5 7	
T 14	0 33	14 7	4 37	3 11	0n 4	15 25	1 50	23 12	0 49	15 44	1 14	0 10	2 46	5 20	0 35	21 45	0 26	9 53	10 50	3 11	3 28	13 53	18 18	5 7	
W15	0 9	11 25	3 59	4 9	0 15	15 15	1 43	23 7	0 50	15 43	1 14	0 8	2 46	5 21	0 35	21 45	0 26	9 53	10 50	3 10	3 27	13 51	18 18	5 7	
T 16	0n14	8 13	3 11	5 7	0 27	15 5	1 36	23 3	0 51	15 42	1 14	0 6	2 46	5 23	0 35	21 45	0 26	9 53	10 50	3 10	3 25	13 50	18 19	5 6	
F 17	0 38	4 39	2 14	6 3	0 38	14 55	1 30	22 58	0 52	15 40	1 14	0 5	2 47	5 24	0 35	21 45	0 26	9 52	10 51	3 10	3 24	13 49	18 19	5 6	
S 18	1 1	0 51	1 10	6 59	0 50	14 44	1 23	22 53	0 54	15 39	1 14	0 3	2 47	5 25	0 35	21 45	0 26	9 52	10 51	3 9	3 23	13 47	18 20	5 6	
S 19	1 25	3n 3	0 2	7 53	1 1	14 32	1 17	22 48	0 55	15 38	1 14	0 1	2 47	5 27	0 35	21 45	0 26	9 52	10 51	3 9	3 22	13 46	18 20	5 5	
M20	1 48	6 53	1s 8	8 46	1 13	14 20	1 10	22 42	0 56	15 37	1 14	0n 1	2 47	5 28	0 35	21 45	0 26	9 51	10 51	3 9	3 20	13 45	18 20	5 5	
T 21	2 12	10 28	2 15	9 37	1 24	14 8	1 4	22 37	0 57	15 36	1 15	0 3	2 47	5 29	0 35	21 44	0 26	9 51	10 52	3 9	3 19	13 44	18 21	5 5	
W22	2 35	13 35	3 16	10 26	1 35	13 55	0 58	22 31	0 59	15 34	1 15	0 5	2 47	5 31	0 35	21 44	0 26	9 51	10 52	3 10	3 18	13 42	18 21	5 4	
T 23	2 59	16 4	4 8	11 13	1 46	13 42	0 52	22 25	1 0	15 33	1 15	0 7	2 47	5 32	0 35	21 44	0 26	9 50	10 52	3 10	3 17	13 41	18 22	5 4	
F 24	3 22	17 42	4 47	11 58	1 56	13 28	0 46	22 19	1 1	15 32	1 15	0 8	2 47	5 33	0 35	21 44	0 26	9 50	10 52	3 10	3 15	13 40	18 22	5 4	
S 25	3 45	18 20	5 11	12 40	2 5	13 14	0 40	22 12	1 3	15 30	1 15	0 10	2 47	5 35	0 35	21 44	0 26	9 50	10 52	3 10	3 14	13 38	18 23	5 3	
S 26	4 8	17 53	5 17	13 20	2 14	12 59	0 34	22 6	1 4	15 29	1 15	0 12	2 47	5 36	0 35	21 44	0 26	9 49	10 53	3 10	3 13	13 37	18 23	5 3	
M27	4 31	16 19	5 4	13 56	2 22	12 44	0 28	21 59	1 5	15 27	1 15	0 14	2 47	5 37	0 35	21 44	0 26	9 49	10 53	3 10	3 11	13 36	18 24	5 3	
T 28	4 54	13 43	4 32	14 31	2 30	12 28	0 23	21 52	1 7	15 26	1 15	0 16	2 47	5 39	0 35	21 44	0 26	9 49	10 53	3 10	3 10	13 34	18 24	5 2	
W29	5 17	10 15	3 42	15 2	2 36	12 12	0 17	21 45	1 8	15 24	1 15	0 17	2 47	5 40	0 35	21 44	0 26	9 48	10 53	3 10	3 9	13 33	18 24	5 2	
T 30	5 40	6 8	2 38	15 30	2 42	11 56	0 12	21 37	1 9	15 22	1 15	0 19	2 47	5 41	0 35	21 43	0 26	9 48	10 53	3 10	3 8	13 32	18 25	5 2	
F 31	6n 3	1n40	1s24	15n56	2n47	11s39	0n 6	21s30	1s11	15s21	1n15	0n21	2n47	5n43	0s35	21s43	0n26	9s48	10n53	3s10	3s 6	13s30	18n25	5s 1	

Julian Day Number = 2090019.5, Delta T = 23m34s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'38, Lahiri = 10°03'38 Julian Calendar 1 March 1010 == Greg. Calendar 7 March 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

APRIL 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 57 38	16♈15'28	6♎58	6♉ 5	0♓26	0♒16	15°R20	5°R26	15♈51	19♑27	0°R57	7°R57	7♎44	10♒42	24♊18	S 1
S 2	13 1 34	17°13'54	21° 9	6°55	1°29	0°58	15♏14	5♎21	15°55	19°27	0♐56	7♎57	7°41	10°49	24°21	S 2
M 3	13 5 31	18°12'18	5♏ 3	7°40	2°33	1°40	15° 8	5°17	15°58	19°28	0°55	7°57	7°38	10°56	24°24	M 3
T 4	13 9 27	19°10'39	18°37	8°19	3°36	2°22	15° 2	5°12	16° 2	19°28	0°54	7°55	7°35	11° 2	24°28	T 4
W 5	13 13 24	20° 9'00	1♐49	8°52	4°40	3° 4	14°56	5° 8	16° 5	19°28	0°53	7°54	7°32	11° 9	24°31	W 5
T 6	13 17 21	21° 7'18	14°40	9°19	5°44	3°45	14°49	5° 4	16° 9	19°29	0°52	7°52	7°29	11°16	24°35	T 6
F 7	13 21 17	22° 5'35	27°12	9°41	6°48	4°27	14°43	4°59	16°12	19°29	0°51	7°50	7°25	11°22	24°38	F 7
S 8	13 25 14	23° 3'50	9♑27	9°57	7°53	5° 9	14°37	4°55	16°16	19°29	0°49	7°49	7°22	11°29	24°42	S 8
S 9	13 29 10	24° 2'04	21°30	10° 8	8°57	5°51	14°30	4°51	16°19	19°30	0°48	7°D49	7°19	11°36	24°46	S 9
M10	13 33 7	25° 0'16	3♒24	10°R13	10° 2	6°33	14°23	4°47	16°22	19°30	0°47	7°49	7°16	11°42	24°49	M10
T 11	13 37 3	25°58'27	15°16	10°13	11° 7	7°15	14°16	4°43	16°26	19°30	0°46	7°50	7°13	11°49	24°53	T 11
W12	13 41 0	26°56'36	27° 8	10° 7	12°12	7°56	14° 9	4°38	16°29	19°30	0°45	7°51	7° 9	11°56	24°57	W12
T 13	13 44 56	27°54'43	9♓ 7	9°56	13°18	8°38	14° 2	4°34	16°33	19°30	0°43	7°53	7° 6	12° 3	25° 1	T 13
F 14	13 48 53	28°52'49	21°15	9°41	14°23	9°20	13°55	4°30	16°36	19°30	0°42	7°54	7° 3	12° 9	25° 5	F 14
S 15	13 52 50	29°50'54	3♈37	9°21	15°29	10° 1	13°48	4°26	16°39	19°30	0°41	7°R55	7° 0	12°16	25° 9	S 15
S 16	13 56 46	0♉48'57	16°14	8°58	16°35	10°43	13°41	4°23	16°43	19°R30	0°39	7°55	6°57	12°23	25°13	S 16
M17	14 0 43	1°46'58	29° 8	8°31	17°41	11°25	13°34	4°19	16°46	19°30	0°38	7°53	6°54	12°29	25°18	M17
T 18	14 4 39	2°44'58	12♉18	8° 1	18°47	12° 6	13°26	4°15	16°49	19°30	0°37	7°51	6°50	12°36	25°22	T 18
W19	14 8 36	3°42'56	25°45	7°28	19°54	12°48	13°19	4°11	16°53	19°30	0°35	7°48	6°47	12°43	25°26	W19
T 20	14 12 32	4°40'52	9♊26	6°54	21° 0	13°29	13°11	4° 8	16°56	19°30	0°34	7°44	6°44	12°49	25°30	T 20
F 21	14 16 29	5°38'47	23°19	6°18	22° 7	14°11	13° 4	4° 4	16°59	19°30	0°32	7°40	6°41	12°56	25°35	F 21
S 22	14 20 25	6°36'40	7♋20	5°42	23°13	14°52	12°56	4° 0	17° 3	19°30	0°31	7°36	6°38	13° 3	25°39	S 22
S 23	14 24 22	7°34'31	21°27	5° 6	24°20	15°33	12°49	3°57	17° 6	19°30	0°30	7°34	6°35	13°10	25°44	S 23
M24	14 28 19	8°32'21	5♌38	4°31	25°27	16°15	12°41	3°54	17° 9	19°29	0°28	7°D33	6°31	13°16	25°49	M24
T 25	14 32 15	9°30'08	19°50	3°57	26°34	16°56	12°34	3°50	17°13	19°29	0°27	7°34	6°28	13°23	25°53	T 25
W26	14 36 12	10°27'54	4♍ 1	3°24	27°42	17°37	12°26	3°47	17°16	19°29	0°25	7°35	6°25	13°30	25°58	W26
T 27	14 40 8	11°25'38	18°10	2°54	28°49	18°18	12°18	3°44	17°19	19°29	0°24	7°36	6°22	13°36	26° 3	T 27
F 28	14 44 5	12°23'20	2♎14	2°27	29°57	18°59	12°11	3°41	17°22	19°28	0°22	7°R37	6°19	13°43	26° 7	F 28
S 29	14 48 1	13°21'00	16°10	2° 4	1♈ 4	19°40	12° 3	3°38	17°25	19°28	0°21	7°37	6°15	13°50	26°12	S 29
S 30	14 51 58	14♉18'40	29♎56	1♉43	2♈12	20♒21	11♏56	3♎35	17♈29	19♑27	0♐19	7♎35	6♎12	13♒56	26♊17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n26	2s52	0s 5	16n18	2n51	11s22	0n 1	21s22	1s12	15s19	1n15	0n23	2n47	5n44	0s35	21s43	0n26	9s47	10n54	3s10	3s 5	13s29	18n26	5s 1
S 2	6 48	7 11	1n13	16 38	2 54	11 4	0s 4	21 15	1 13	15 17	1 15	0 24	2 47	5 45	0 35	21 43	0 26	9 47	10 54	3 10	3 4	13 28	18 26	5 1
M 3	7 11	11 0	2 25	16 54	2 56	10 46	0 9	21 7	1 15	15 16	1 15	0 26	2 46	5 47	0 35	21 43	0 26	9 46	10 54	3 10	3 3	13 26	18 27	5 0
T 4	7 33	14 9	3 27	17 8	2 56	10 27	0 14	20 58	1 16	15 14	1 15	0 28	2 46	5 48	0 35	21 43	0 26	9 46	10 54	3 10	3 1	13 25	18 27	5 0
W 5	7 55	16 27	4 16	17 18	2 56	10 9	0 19	20 50	1 18	15 12	1 15	0 30	2 46	5 49	0 35	21 43	0 26	9 46	10 54	3 9	3 0	13 24	18 27	5 0
T 6	8 17	17 52	4 51	17 26	2 54	9 49	0 24	20 42	1 19	15 10	1 16	0 31	2 46	5 51	0 35	21 43	0 26	9 45	10 54	3 8	2 59	13 22	18 28	5 0
F 7	8 39	18 21	5 11	17 30	2 52	9 30	0 28	20 33	1 20	15 8	1 16	0 33	2 46	5 52	0 35	21 43	0 26	9 45	10 55	3 8	2 58	13 21	18 28	4 59
S 8	9 1	17 58	5 16	17 31	2 47	9 10	0 33	20 24	1 22	15 6	1 16	0 35	2 46	5 53	0 35	21 43	0 26	9 45	10 55	3 7	2 56	13 20	18 29	4 59
S 9	9 22	16 47	5 7	17 30	2 42	8 50	0 37	20 15	1 23	15 4	1 16	0 36	2 46	5 55	0 35	21 43	0 26	9 44	10 55	3 7	2 55	13 18	18 29	4 59
M10	9 44	14 52	4 45	17 25	2 36	8 29	0 41	20 6	1 25	15 2	1 16	0 38	2 46	5 56	0 35	21 43	0 26	9 44	10 55	3 7	2 54	13 17	18 30	4 58
T 11	10 5	12 20	4 11	17 17	2 28	8 8	0 46	19 57	1 26	15 0	1 16	0 39	2 46	5 57	0 35	21 43	0 26	9 43	10 55	3 7	2 53	13 16	18 30	4 58
W12	10 26	9 18	3 26	17 7	2 19	7 47	0 50	19 47	1 27	14 58	1 16	0 41	2 46	5 59	0 35	21 43	0 26	9 43	10 55	3 8	2 51	13 14	18 30	4 58
T 13	10 47	5 50	2 32	16 54	2 8	7 25	0 54	19 38	1 29	14 56	1 16	0 42	2 46	6 0	0 35	21 43	0 26	9 43	10 55	3 9	2 50	13 13	18 31	4 58
F 14	11 8	2 6	1 31	16 38	1 57	7 3	0 57	19 28	1 30	14 54	1 16	0 44	2 46	6 1	0 35	21 43	0 26	9 42	10 55	3 9	2 49	13 12	18 31	4 57
S 15	11 29	1n48	0 24	16 20	1 44	6 41	1 1	19 18	1 32	14 52	1 16	0 45	2 45	6 2	0 35	21 43	0 26	9 42	10 56	3 9	2 48	13 10	18 32	4 57
S 16	11 49	5 43	0s46	15 59	1 30	6 19	1 5	19 8	1 33	14 50	1 16	0 47	2 45	6 4	0 35	21 43	0 26	9 42	10 56	3 9	2 46	13 9	18 32	4 57
M17	12 9	9 27	1 54	15 37	1 16	5 56	1 8	18 58	1 35	14 48	1 16	0 48	2 45	6 5	0 35	21 43	0 26	9 41	10 56	3 9	2 45	13 8	18 32	4 57
T 18	12 29	12 47	2 58	15 12	1 0	5 33	1 12	18 48	1 36	14 45	1 15	0 50	2 45	6 6	0 35	21 43	0 26	9 41	10 56	3 8	2 44	13 6	18 33	4 56
W19	12 49	15 31	3 53	14 46	0 44	5 10	1 15	18 37	1 38	14 43	1 15	0 51	2 45	6 8	0 35	21 43	0 26	9 41	10 56	3 6	2 42	13 5	18 33	4 56
T 20	13 9	17 26	4 36	14 19	0 28	4 47	1 18	18 27	1 39	14 41	1 15	0 52	2 45	6 9	0 35	21 43	0 26	9 40	10 56	3 5	2 41	13 3	18 34	4 56
F 21	13 28	18 21	5 3	13 51	0 11	4 23	1 21	18 16	1 41	14 39	1 15	0 54	2 45	6 10	0 35	21 43	0 26	9 40	10 56	3 3	2 40	13 2	18 34	4 56
S 22	13 48	18 9	5 13	13 23	0s 7	4 0	1 24	18 5	1 42	14 37	1 15	0 55	2 45	6 11	0 35	21 43	0 26	9 40	10 56	3 2	2 39	13 1	18 34	4 55
S 23	14 7	16 50	5 4	12 55	0 24	3 36	1 27	17 54	1 44	14 34	1 15	0 56	2 44	6 13	0 35	21 43	0 26	9 39	10 56	3 1	2 37	12 59	18 35	4 55
M24	14 25	14 30	4 36	12 27	0 41	3 11	1 30	17 43	1 45	14 32	1 15	0 57	2 44	6 14	0 35	21 43	0 26	9 39	10 56	3 1	2 36	12 58	18 35	4 55
T 25	14 44	11 16	3 52	11 59	0 58	2 47	1 33	17 32	1 47	14 30	1 15	0 58	2 44	6 15	0 35	21 43	0 26	9 39	10 56	3 1	2 35	12 57	18 35	4 55
W26	15 2	7 24	2 53	11 32	1 15	2 22	1 35	17 21	1 48	14 28	1 15	1 0	2 44	6 16	0 35	21 43	0 26	9 38	10 56	3 1	2 34	12 55	18 36	4 55
T 27	15 20	3 6	1 44	11 7	1 31	1 58	1 38	17 10	1 50	14 25	1 15	1 1	2 44	6 18	0 35	21 43	0 26	9 38	10 56	3 2	2 32	12 54	18 36	4 54
F 28	15 38	1s20	0 29	10 43	1 46	1 33	1 40	16 58	1 51	14 23	1 15	1 2	2 44	6 19	0 35	21 43	0 26	9 38	10 56	3 2	2 31	12 52	18 36	4 54
S 29	15 56	5 41	0n46	10 22	2 1	1 8	1 42	16 47	1 53	14 21	1 15	1 3	2 43	6 20	0 35	21 43	0 26	9 37	10 56	3 2	2 30	12 51	18 37	4 54
S 30	16n13	9s40	1n59	10n 2	2s15	0s43	1s44	16s35	1s54	14s19	1n15	1n 4	2n43	6n21	0s35	21s43	0n26	9s37	10n56	3s 2	2s29	12s50	18n37	4s54

Julian Day Number = 2090050.5, Delta T = 23m34s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'42, Lahiri = 10°03'43 Julian Calendar 1 Apr. 1010 == Greg. Calendar 7 Apr. 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

MAY 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 55 54	15♉16'17	13♏30	1°R27	3♈20	21♒ 2	11°R48	3°R32	17♈32	19°R27	0°R18	7°R32	6♎ 9	14♒ 3	26♊22	M 1
T 2	14 59 51	16°13'54	26°49	1♉15	4°28	21°43	11♏40	3♎29	17°35	19♑26	0♐16	7♎26	6° 6	14°10	26°27	T 2
W 3	15 3 48	17°11'29	9♐52	1° 7	5°36	22°24	11°33	3°27	17°38	19°26	0°14	7°20	6° 3	14°16	26°32	W 3
T 4	15 7 44	18° 9'03	22°38	1°D 4	6°44	23° 5	11°25	3°24	17°41	19°25	0°13	7°13	6° 0	14°23	26°37	T 4
F 5	15 11 41	19° 6'36	5♑ 7	1° 5	7°52	23°45	11°18	3°21	17°44	19°25	0°11	7° 6	5°56	14°30	26°42	F 5
S 6	15 15 37	20° 4'08	17°21	1°10	9° 0	24°26	11°10	3°19	17°47	19°24	0°10	7° 1	5°53	14°37	26°47	S 6
S 7	15 19 34	21° 1'40	29°24	1°20	10° 9	25° 7	11° 3	3°17	17°50	19°24	0° 8	6°56	5°50	14°43	26°53	S 7
M 8	15 23 30	21°59'10	11♒18	1°35	11°17	25°47	10°55	3°14	17°53	19°23	0° 7	6°54	5°47	14°50	26°58	M 8
T 9	15 27 27	22°56'39	23°10	1°54	12°26	26°27	10°48	3°12	17°56	19°22	0° 5	6°D53	5°44	14°57	27° 3	T 9
W10	15 31 23	23°54'07	5♓ 2	2°17	13°35	27° 8	10°41	3°10	17°59	19°22	0° 3	6°54	5°40	15° 3	27° 8	W10
T 11	15 35 20	24°51'35	17° 2	2°45	14°43	27°48	10°33	3° 8	18° 2	19°21	0° 2	6°55	5°37	15°10	27°14	T 11
F 12	15 39 17	25°49'02	29°13	3°17	15°52	28°28	10°26	3° 6	18° 5	19°20	0° 0	6°56	5°34	15°17	27°19	F 12
S 13	15 43 13	26°46'28	11♈40	3°53	17° 1	29° 8	10°19	3° 4	18° 8	19°19	29♏59	6°R56	5°31	15°23	27°25	S 13
S 14	15 47 10	27°43'53	24°26	4°32	18°10	29°48	10°12	3° 3	18°11	19°18	29°57	6°55	5°28	15°30	27°30	S 14
M15	15 51 6	28°41'18	7♉35	5°16	19°19	0♓28	10° 5	3° 1	18°14	19°18	29°55	6°51	5°25	15°37	27°36	M15
T 16	15 55 3	29°38'41	21° 5	6° 4	20°29	1° 8	9°58	2°59	18°16	19°17	29°54	6°45	5°21	15°43	27°41	T 16
W17	15 58 59	0♊36'04	4♊56	6°55	21°38	1°48	9°52	2°58	18°19	19°16	29°52	6°38	5°18	15°50	27°47	W17
T 18	16 2 56	1°33'26	19° 4	7°50	22°47	2°27	9°45	2°57	18°22	19°15	29°50	6°29	5°15	15°57	27°52	T 18
F 19	16 6 52	2°30'48	3♋24	8°49	23°57	3° 7	9°38	2°55	18°25	19°14	29°49	6°21	5°12	16° 4	27°58	F 19
S 20	16 10 49	3°28'08	17°49	9°51	25° 6	3°46	9°32	2°54	18°27	19°13	29°47	6°13	5° 9	16°10	28° 4	S 20
S 21	16 14 46	4°25'27	2♌16	10°56	26°16	4°26	9°25	2°53	18°30	19°12	29°46	6° 7	5° 6	16°17	28° 9	S 21
M22	16 18 42	5°22'45	16°37	12° 5	27°25	5° 5	9°19	2°52	18°32	19°11	29°44	6° 4	5° 2	16°24	28°15	M22
T 23	16 22 39	6°20'02	0♍51	13°17	28°35	5°44	9°13	2°51	18°35	19°10	29°42	6°D 2	4°59	16°30	28°21	T 23
W24	16 26 35	7°17'18	14°56	14°32	29°45	6°23	9° 7	2°51	18°38	19° 9	29°41	6° 2	4°56	16°37	28°26	W24
T 25	16 30 32	8°14'34	28°49	15°51	0♉55	7° 2	9° 1	2°50	18°40	19° 8	29°39	6°R 3	4°53	16°44	28°32	T 25
F 26	16 34 28	9°11'48	12♎33	17°12	2° 4	7°40	8°55	2°49	18°43	19° 6	29°38	6° 3	4°50	16°50	28°38	F 26
S 27	16 38 25	10° 9'01	26° 5	18°37	3°14	8°19	8°50	2°49	18°45	19° 5	29°36	6° 1	4°46	16°57	28°44	S 27
S 28	16 42 21	11° 6'14	9♏27	20° 5	4°24	8°57	8°44	2°48	18°47	19° 4	29°34	5°57	4°43	17° 4	28°50	S 28
M29	16 46 18	12° 3'26	22°38	21°35	5°34	9°36	8°39	2°48	18°50	19° 3	29°33	5°51	4°40	17°10	28°56	M29
T 30	16 50 15	13° 0'38	5♐38	23° 9	6°45	10°14	8°34	2°48	18°52	19° 2	29°31	5°41	4°37	17°17	29° 1	T 30
W31	16 54 11	13♊57'49	18♐24	24♉46	7♉55	10♓52	8♏29	2°D48	18♈54	19♑ 0	29♏30	5♎30	4♎34	17♒24	29♊ 7	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n30	13s 4	3n 3	9n44	2s28	0s18	1s46	16s23	1s56	14s16	1n15	1n 5	2n43	6n22	0s35	21s43	0n26	9s37	10n56	3s 0	2s27	12s48	18n37	4s54
T 2	16 47	15 44	3 56	9 29	2 39	0n 8	1 48	16 12	1 58	14 14	1 14	1 6	2 43	6 24	0 35	21 43	0 26	9 36	10 56	2 58	2 26	12 47	18 38	4 54
W 3	17 3	17 31	4 35	9 16	2 50	0 33	1 50	16 0	1 59	14 12	1 14	1 7	2 43	6 25	0 35	21 43	0 26	9 36	10 56	2 55	2 25	12 46	18 38	4 53
T 4	17 20	18 22	5 0	9 6	3 0	0 59	1 51	15 48	2 1	14 10	1 14	1 7	2 42	6 26	0 35	21 43	0 26	9 36	10 56	2 53	2 24	12 44	18 38	4 53
F 5	17 35	18 19	5 9	8 58	3 9	1 24	1 53	15 36	2 2	14 7	1 14	1 8	2 42	6 27	0 35	21 43	0 26	9 35	10 56	2 50	2 22	12 43	18 38	4 53
S 6	17 51	17 24	5 4	8 53	3 16	1 50	1 55	15 23	2 4	14 5	1 14	1 9	2 42	6 28	0 35	21 44	0 26	9 35	10 56	2 48	2 21	12 41	18 39	4 53
S 7	18 7	15 43	4 46	8 50	3 23	2 16	1 56	15 11	2 5	14 3	1 14	1 10	2 42	6 30	0 35	21 44	0 26	9 35	10 56	2 46	2 20	12 40	18 39	4 53
M 8	18 22	13 23	4 16	8 50	3 28	2 42	1 57	14 59	2 7	14 1	1 14	1 11	2 42	6 31	0 35	21 44	0 26	9 35	10 56	2 45	2 18	12 39	18 39	4 53
T 9	18 36	10 30	3 34	8 52	3 33	3 7	1 58	14 47	2 9	13 59	1 14	1 11	2 41	6 32	0 35	21 44	0 26	9 34	10 56	2 45	2 17	12 37	18 40	4 52
W10	18 51	7 10	2 44	8 57	3 36	3 33	1 59	14 34	2 10	13 57	1 13	1 12	2 41	6 33	0 35	21 44	0 26	9 34	10 56	2 45	2 16	12 36	18 40	4 52
T 11	19 5	3 32	1 45	9 4	3 39	3 59	2 0	14 22	2 12	13 54	1 13	1 13	2 41	6 34	0 35	21 44	0 26	9 34	10 56	2 46	2 15	12 34	18 40	4 52
F 12	19 19	0n19	0 42	9 13	3 40	4 25	2 1	14 9	2 13	13 52	1 13	1 13	2 41	6 35	0 35	21 44	0 26	9 33	10 56	2 46	2 13	12 33	18 40	4 52
S 13	19 32	4 15	0s25	9 25	3 41	4 51	2 2	13 56	2 15	13 50	1 13	1 14	2 41	6 36	0 35	21 44	0 26	9 33	10 56	2 46	2 12	12 32	18 41	4 52
S 14	19 45	8 5	1 33	9 38	3 40	5 17	2 3	13 44	2 17	13 48	1 13	1 14	2 40	6 37	0 35	21 44	0 26	9 33	10 56	2 45	2 11	12 30	18 41	4 52
M15	19 58	11 38	2 37	9 54	3 39	5 42	2 3	13 31	2 18	13 46	1 13	1 15	2 40	6 38	0 35	21 44	0 26	9 33	10 56	2 44	2 10	12 29	18 41	4 52
T 16	20 11	14 41	3 34	10 12	3 37	6 8	2 4	13 18	2 20	13 44	1 12	1 15	2 40	6 39	0 35	21 45	0 26	9 33	10 56	2 42	2 8	12 27	18 41	4 52
W17	20 23	16 58	4 20	10 31	3 35	6 34	2 4	13 5	2 21	13 42	1 12	1 15	2 40	6 40	0 35	21 45	0 26	9 32	10 56	2 39	2 7	12 26	18 41	4 51
T 18	20 35	18 16	4 51	10 52	3 31	6 59	2 4	12 53	2 23	13 40	1 12	1 16	2 39	6 41	0 35	21 45	0 26	9 32	10 56	2 35	2 6	12 25	18 42	4 51
F 19	20 46	18 26	5 5	11 15	3 27	7 25	2 4	12 40	2 25	13 38	1 12	1 16	2 39	6 43	0 35	21 45	0 26	9 32	10 56	2 32	2 5	12 23	18 42	4 51
S 20	20 57	17 26	4 59	11 39	3 22	7 50	2 4	12 27	2 26	13 36	1 12	1 16	2 39	6 44	0 35	21 45	0 26	9 32	10 55	2 29	2 3	12 22	18 42	4 51
S 21	21 8	15 18	4 34	12 5	3 16	8 16	2 4	12 14	2 28	13 35	1 12	1 16	2 39	6 45	0 35	21 45	0 26	9 31	10 55	2 27	2 2	12 20	18 42	4 51
M22	21 19	12 14	3 53	12 32	3 10	8 41	2 4	12 1	2 30	13 33	1 11	1 17	2 39	6 45	0 35	21 45	0 26	9 31	10 55	2 25	2 1	12 19	18 42	4 51
T 23	21 29	8 29	2 57	13 0	3 3	9 6	2 4	11 48	2 31	13 31	1 11	1 17	2 38	6 46	0 35	21 46	0 26	9 31	10 55	2 25	1 59	12 17	18 42	4 51
W24	21 38	4 16	1 50	13 29	2 56	9 31	2 4	11 35	2 33	13 29	1 11	1 17	2 38	6 47	0 35	21 46	0 26	9 31	10 55	2 25	1 58	12 16	18 42	4 51
T 25	21 48	0s 7	0 39	14 0	2 48	9 55	2 3	11 22	2 35	13 28	1 11	1 17	2 38	6 48	0 35	21 46	0 26	9 31	10 55	2 25	1 57	12 15	18 43	4 51
F 26	21 57	4 27	0n35	14 31	2 39	10 20	2 3	11 9	2 36	13 26	1 11	1 17	2 38	6 49	0 35	21 46	0 26	9 30	10 55	2 25	1 56	12 13	18 43	4 51
S 27	22 5	8 30	1 45	15 3	2 30	10 45	2 2	10 56	2 38	13 24	1 10	1 17	2 37	6 50	0 35	21 46	0 26	9 30	10 54	2 24	1 54	12 12	18 43	4 51
S 28	22 13	12 4	2 48	15 36	2 21	11 9	2 2	10 43	2 39	13 23	1 10	1 17	2 37	6 51	0 35	21 46	0 26	9 30	10 54	2 23	1 53	12 10	18 43	4 51
M29	22 21	14 58	3 41	16 9	2 11	11 33	2 1	10 30	2 41	13 21	1 10	1 17	2 37	6 52	0 36	21 47	0 26	9 30	10 54	2 20	1 52	12 9	18 43	4 51
T 30	22 29	17 3	4 22	16 43	2 0	11 57	2 0	10 17	2 43	13 20	1 10	1 16	2 37	6 53	0 36	21 47	0 26	9 30	10 54	2 16	1 51	12 8	18 43	4 51
W31	22n36	18s16	4n49	17n17	1s50	12n20	1s59	10s 4	2s44	13s18	1n 9	1n16	2n36	6n54	0s36	21s47	0n26	9s30	10n54	2s12	1s49	12s 6	18n43	4s51

Julian Day Number = 2090080.5, Delta T = 23m33s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'46, Lahiri = 10°03'47 Julian Calendar 1 May 1010 == Greg. Calendar 7 May 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

JUNE 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 58 8	14♊54'59	0♑58	26♉26	9♉ 5	11♓30	8°R24	2♎48	18♈57	18°R59	29°R28	5°R19	4♎31	17♒31	29♊13	T 1
F 2	17 2 4	15°52'10	13°19	28° 9	10°15	12° 8	8♏19	2°48	18°59	18♑58	29♏27	5♎ 7	4°27	17°37	29°19	F 2
S 3	17 6 1	16°49'20	25°28	29°55	11°26	12°45	8°14	2°48	19° 1	18°57	29°25	4°57	4°24	17°44	29°25	S 3
S 4	17 9 57	17°46'30	7♒27	1♊43	12°36	13°23	8°10	2°49	19° 3	18°55	29°24	4°48	4°21	17°51	29°31	S 4
M 5	17 13 54	18°43'40	19°20	3°34	13°47	14° 0	8° 5	2°49	19° 5	18°54	29°22	4°42	4°18	17°57	29°37	M 5
T 6	17 17 50	19°40'50	1♓10	5°28	14°57	14°37	8° 1	2°50	19° 8	18°53	29°21	4°39	4°15	18° 4	29°43	T 6
W 7	17 21 47	20°37'59	13° 1	7°25	16° 8	15°14	7°57	2°50	19°10	18°51	29°19	4°37	4°12	18°11	29°49	W 7
T 8	17 25 44	21°35'09	24°59	9°24	17°18	15°51	7°53	2°51	19°12	18°50	29°18	4°D37	4° 8	18°17	29°55	T 8
F 9	17 29 40	22°32'19	7♈10	11°25	18°29	16°28	7°50	2°52	19°14	18°48	29°16	4°R37	4° 5	18°24	0♋ 1	F 9
S 10	17 33 37	23°29'29	19°37	13°28	19°40	17° 4	7°46	2°53	19°15	18°47	29°15	4°36	4° 2	18°31	0° 7	S 10
S 11	17 37 33	24°26'40	2♉27	15°33	20°51	17°40	7°43	2°54	19°17	18°46	29°13	4°34	3°59	18°37	0°13	S 11
M12	17 41 30	25°23'50	15°42	17°39	22° 2	18°16	7°40	2°55	19°19	18°44	29°12	4°29	3°56	18°44	0°20	M12
T 13	17 45 26	26°21'01	29°24	19°47	23°13	18°52	7°37	2°56	19°21	18°43	29°11	4°22	3°52	18°51	0°26	T 13
W14	17 49 23	27°18'12	13♊32	21°56	24°24	19°28	7°34	2°57	19°23	18°41	29° 9	4°12	3°49	18°57	0°32	W14
T 15	17 53 19	28°15'23	28° 1	24° 5	25°35	20° 3	7°31	2°59	19°24	18°40	29° 8	4° 1	3°46	19° 4	0°38	T 15
F 16	17 57 16	29°12'34	12♋45	26°15	26°46	20°38	7°29	3° 0	19°26	18°38	29° 7	3°50	3°43	19°11	0°44	F 16
S 17	18 1 13	0♋ 9'45	27°36	28°25	27°57	21°13	7°26	3° 2	19°28	18°37	29° 5	3°40	3°40	19°17	0°50	S 17
S 18	18 5 9	1° 6'56	12♌25	0♋35	29° 8	21°48	7°24	3° 4	19°29	18°35	29° 4	3°32	3°37	19°24	0°56	S 18
M19	18 9 6	2° 4'07	27° 5	2°45	0♊19	22°23	7°22	3° 5	19°31	18°34	29° 3	3°27	3°33	19°31	1° 2	M19
T 20	18 13 2	3° 1'18	11♍30	4°54	1°31	22°57	7°20	3° 7	19°32	18°32	29° 1	3°24	3°30	19°38	1° 8	T 20
W21	18 16 59	3°58'29	25°38	7° 2	2°42	23°31	7°19	3° 9	19°34	18°31	29° 0	3°23	3°27	19°44	1°14	W21
T 22	18 20 55	4°55'40	9♎29	9° 9	3°53	24° 5	7°17	3°11	19°35	18°29	28°59	3°23	3°24	19°51	1°21	T 22
F 23	18 24 52	5°52'51	23° 2	11°15	5° 5	24°38	7°16	3°13	19°37	18°27	28°58	3°22	3°21	19°58	1°27	F 23
S 24	18 28 48	6°50'01	6♏20	13°19	6°16	25°11	7°15	3°16	19°38	18°26	28°56	3°20	3°18	20° 4	1°33	S 24
S 25	18 32 45	7°47'12	19°24	15°22	7°28	25°44	7°14	3°18	19°39	18°24	28°55	3°15	3°14	20°11	1°39	S 25
M26	18 36 42	8°44'24	2♐15	17°23	8°39	26°17	7°13	3°20	19°40	18°23	28°54	3° 8	3°11	20°18	1°45	M26
T 27	18 40 38	9°41'35	14°56	19°23	9°51	26°49	7°13	3°23	19°42	18°21	28°53	2°58	3° 8	20°24	1°51	T 27
W28	18 44 35	10°38'47	27°25	21°21	11° 3	27°22	7°13	3°26	19°43	18°19	28°52	2°46	3° 5	20°31	1°57	W28
T 29	18 48 31	11°36'00	9♑45	23°18	12°14	27°53	7°D12	3°28	19°44	18°18	28°51	2°33	3° 2	20°38	2° 3	T 29
F 30	18 52 28	12♋33'13	21♑55	25♋13	13♊26	28♓25	7♏12	3♎31	19♈45	18♑16	28♏50	2♎20	2♎58	20♒44	2♋ 9	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n42	18s33	5n 1	17n51	1s39	12n44	1s58	9s51	2s46	13s17	1n 9	1n16	2n36	6n55	0s36	21s47	0n26	9s30	10n54	2s 7	1s48	12s 5	18n43	4s51
F 2	22 49	17 56	4 59	18 25	1 28	13 7	1 57	9 38	2 48	13 16	1 9	1 16	2 36	6 55	0 36	21 47	0 26	9 29	10 53	2 3	1 47	12 3	18 43	4 51
S 3	22 55	16 31	4 43	19 0	1 16	13 30	1 56	9 25	2 49	13 15	1 9	1 15	2 36	6 56	0 36	21 47	0 26	9 29	10 53	1 58	1 46	12 2	18 43	4 51
S 4	23 0	14 24	4 15	19 33	1 5	13 53	1 55	9 12	2 51	13 13	1 8	1 15	2 35	6 57	0 36	21 48	0 26	9 29	10 53	1 55	1 44	12 0	18 43	4 51
M 5	23 5	11 41	3 36	20 6	0 53	14 15	1 54	8 59	2 53	13 12	1 8	1 15	2 35	6 58	0 36	21 48	0 26	9 29	10 53	1 53	1 43	11 59	18 43	4 51
T 6	23 10	8 30	2 48	20 39	0 42	14 37	1 52	8 46	2 54	13 11	1 8	1 14	2 35	6 59	0 36	21 48	0 26	9 29	10 53	1 51	1 42	11 57	18 43	4 51
W 7	23 14	4 59	1 52	21 10	0 30	14 59	1 51	8 33	2 56	13 10	1 8	1 14	2 35	6 59	0 36	21 48	0 26	9 29	10 52	1 51	1 40	11 56	18 43	4 51
T 8	23 18	1 13	0 51	21 40	0 18	15 20	1 49	8 20	2 58	13 9	1 7	1 13	2 34	7 0	0 36	21 48	0 26	9 29	10 52	1 51	1 39	11 55	18 43	4 51
F 9	23 21	2n39	0s14	22 9	0 7	15 41	1 48	8 7	2 59	13 8	1 7	1 13	2 34	7 1	0 36	21 49	0 26	9 29	10 52	1 51	1 38	11 53	18 43	4 51
S 10	23 24	6 30	1 19	22 36	0n 4	16 2	1 46	7 54	3 1	13 7	1 7	1 12	2 34	7 2	0 36	21 49	0 26	9 29	10 52	1 50	1 37	11 52	18 43	4 51
S 11	23 27	10 10	2 22	23 2	0 15	16 23	1 45	7 42	3 2	13 6	1 7	1 11	2 34	7 2	0 36	21 49	0 26	9 29	10 51	1 49	1 35	11 50	18 43	4 51
M12	23 29	13 27	3 19	23 25	0 26	16 43	1 43	7 29	3 4	13 5	1 6	1 11	2 33	7 3	0 36	21 49	0 26	9 29	10 51	1 47	1 34	11 49	18 43	4 51
T 13	23 31	16 6	4 7	23 46	0 36	17 2	1 41	7 16	3 6	13 5	1 6	1 10	2 33	7 4	0 36	21 49	0 26	9 29	10 51	1 44	1 33	11 47	18 43	4 51
W14	23 32	17 53	4 42	24 4	0 45	17 22	1 39	7 4	3 7	13 4	1 6	1 9	2 33	7 4	0 36	21 50	0 26	9 29	10 51	1 41	1 32	11 46	18 43	4 51
T 15	23 33	18 34	4 59	24 20	0 55	17 41	1 37	6 51	3 9	13 3	1 6	1 8	2 33	7 5	0 36	21 50	0 26	9 29	10 50	1 36	1 30	11 44	18 43	4 51
F 16	23 34	18 1	4 57	24 34	1 3	17 59	1 35	6 39	3 11	13 3	1 5	1 8	2 32	7 5	0 36	21 50	0 26	9 29	10 50	1 32	1 29	11 43	18 43	4 51
S 17	23 34	16 15	4 35	24 44	1 11	18 17	1 33	6 26	3 12	13 2	1 5	1 7	2 32	7 6	0 36	21 50	0 26	9 29	10 50	1 28	1 28	11 41	18 43	4 51
S 18	23 34	13 25	3 55	24 52	1 18	18 35	1 31	6 14	3 14	13 2	1 5	1 6	2 32	7 7	0 36	21 51	0 26	9 29	10 49	1 25	1 27	11 40	18 43	4 51
M19	23 33	9 45	2 59	24 57	1 25	18 52	1 29	6 2	3 16	13 1	1 5	1 5	2 32	7 7	0 36	21 51	0 26	9 29	10 49	1 23	1 25	11 38	18 42	4 51
T 20	23 32	5 33	1 53	24 59	1 30	19 9	1 27	5 50	3 17	13 1	1 4	1 4	2 31	7 8	0 36	21 51	0 26	9 29	10 49	1 21	1 24	11 37	18 42	4 51
W21	23 30	1 7	0 41	24 58	1 36	19 25	1 25	5 38	3 19	13 1	1 4	1 3	2 31	7 8	0 36	21 51	0 26	9 29	10 49	1 21	1 23	11 36	18 42	4 51
T 22	23 28	3s17	0n32	24 54	1 40	19 41	1 23	5 26	3 20	13 1	1 4	1 2	2 31	7 9	0 36	21 51	0 26	9 29	10 48	1 21	1 21	11 34	18 42	4 52
F 23	23 26	7 25	1 42	24 48	1 43	19 56	1 20	5 14	3 22	13 0	1 4	1 1	2 31	7 9	0 36	21 52	0 26	9 29	10 48	1 21	1 20	11 33	18 42	4 52
S 24	23 23	11 7	2 45	24 39	1 46	20 11	1 18	5 2	3 24	13 0	1 3	1 0	2 30	7 10	0 36	21 52	0 26	9 29	10 48	1 20	1 19	11 31	18 42	4 52
S 25	23 20	14 11	3 38	24 28	1 48	20 26	1 16	4 50	3 25	13 0	1 3	0 59	2 30	7 10	0 36	21 52	0 26	9 29	10 47	1 18	1 18	11 30	18 41	4 52
M26	23 17	16 30	4 19	24 15	1 50	20 39	1 13	4 39	3 27	13 0	1 3	0 57	2 30	7 11	0 36	21 52	0 26	9 29	10 47	1 15	1 16	11 28	18 41	4 52
T 27	23 13	17 58	4 46	23 59	1 51	20 53	1 11	4 27	3 29	13 0	1 3	0 56	2 30	7 11	0 36	21 53	0 26	9 29	10 47	1 11	1 15	11 27	18 41	4 52
W28	23 8	18 33	4 59	23 41	1 51	21 5	1 8	4 16	3 30	13 1	1 2	0 55	2 29	7 12	0 36	21 53	0 26	9 29	10 46	1 6	1 14	11 25	18 41	4 52
T 29	23 3	18 15	4 58	23 21	1 50	21 18	1 6	4 5	3 32	13 1	1 2	0 54	2 29	7 12	0 36	21 53	0 26	9 29	10 46	1 1	1 13	11 24	18 41	4 52
F 30	22n58	17s 6	4n43	22n59	1n49	21n29	1s 3	3s53	3s33	13s 1	1n 2	0n52	2n29	7n12	0s36	21s53	0n26	9s30	10n46	0s56	1s11	11s22	18n40	4s53

Julian Day Number = 2090111.5, Delta T = 23m33s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'51, Lahiri = 10°03'51 Julian Calendar 1 June 1010 == Greg. Calendar 7 June 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

JULY 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 56 24	13♋30'26	3♒57	27♋ 6	14♊38	28♓56	7♏13	3♎34	19♈46	18°R15	28°R49	2°R 8	2♎55	20♒51	2♋15	S 1
S 2	19 0 21	14°27'40	15°51	28°57	15°50	29°27	7°13	3°37	19°47	18♉13	28♏48	1♎58	2°52	20°58	2°21	S 2
M 3	19 4 17	15°24'55	27°41	0♌46	17° 2	29°58	7°14	3°40	19°48	18°11	28°47	1°51	2°49	21° 4	2°27	M 3
T 4	19 8 14	16°22'11	9♓29	2°34	18°14	0♈28	7°14	3°43	19°48	18°10	28°46	1°47	2°46	21°11	2°33	T 4
W 5	19 12 11	17°19'27	21°19	4°20	19°26	0°58	7°15	3°47	19°49	18° 8	28°45	1°45	2°43	21°18	2°39	W 5
T 6	19 16 7	18°16'45	3♈16	6° 4	20°38	1°27	7°16	3°50	19°50	18° 7	28°44	1°D44	2°39	21°24	2°45	T 6
F 7	19 20 4	19°14'03	15°25	7°47	21°50	1°57	7°18	3°53	19°51	18° 5	28°43	1°R45	2°36	21°31	2°51	F 7
S 8	19 24 0	20°11'23	27°51	9°28	23° 2	2°25	7°19	3°57	19°51	18° 3	28°42	1°44	2°33	21°38	2°57	S 8
S 9	19 27 57	21° 8'43	10♉39	11° 7	24°15	2°54	7°21	4° 0	19°52	18° 2	28°41	1°43	2°30	21°44	3° 3	S 9
M10	19 31 53	22° 6'05	23°54	12°44	25°27	3°22	7°23	4° 4	19°53	18° 0	28°41	1°39	2°27	21°51	3° 9	M10
T 11	19 35 50	23° 3'28	7♊37	14°20	26°39	3°50	7°25	4° 8	19°53	17°58	28°40	1°33	2°24	21°58	3°15	T 11
W12	19 39 46	24° 0'52	21°49	15°53	27°52	4°17	7°27	4°12	19°54	17°57	28°39	1°25	2°20	22° 5	3°21	W12
T 13	19 43 43	24°58'18	6♋27	17°25	29° 4	4°44	7°29	4°16	19°54	17°55	28°38	1°16	2°17	22°11	3°27	T 13
F 14	19 47 40	25°55'44	21°24	18°56	0♋17	5°10	7°32	4°20	19°54	17°54	28°38	1° 6	2°14	22°18	3°33	F 14
S 15	19 51 36	26°53'12	6♌32	20°25	1°29	5°36	7°35	4°24	19°55	17°52	28°37	0°57	2°11	22°25	3°39	S 15
S 16	19 55 33	27°50'40	21°40	21°51	2°42	6° 1	7°37	4°28	19°55	17°50	28°36	0°50	2° 8	22°31	3°44	S 16
M17	19 59 29	28°48'09	6♍39	23°16	3°54	6°26	7°41	4°32	19°55	17°49	28°36	0°46	2° 4	22°38	3°50	M17
T 18	20 3 26	29°45'39	21°21	24°40	5° 7	6°51	7°44	4°36	19°55	17°47	28°35	0°44	2° 1	22°45	3°56	T 18
W19	20 7 22	0♌43'10	5♎41	26° 1	6°20	7°15	7°47	4°41	19°55	17°46	28°35	0°D43	1°58	22°51	4° 2	W19
T 20	20 11 19	1°40'42	19°38	27°21	7°33	7°38	7°51	4°45	19°55	17°44	28°34	0°44	1°55	22°58	4° 7	T 20
F 21	20 15 15	2°38'14	3♏12	28°38	8°45	8° 1	7°55	4°50	19°R55	17°42	28°34	0°R44	1°52	23° 5	4°13	F 21
S 22	20 19 12	3°35'48	16°25	29°54	9°58	8°24	7°58	4°54	19°55	17°41	28°33	0°44	1°49	23°11	4°19	S 22
S 23	20 23 9	4°33'22	29°20	1♍ 7	11°11	8°46	8° 3	4°59	19°55	17°39	28°33	0°41	1°45	23°18	4°24	S 23
M24	20 27 5	5°30'58	11♐59	2°19	12°24	9° 7	8° 7	5° 4	19°55	17°38	28°33	0°36	1°42	23°25	4°30	M24
T 25	20 31 2	6°28'34	24°25	3°28	13°37	9°28	8°11	5° 9	19°55	17°36	28°32	0°29	1°39	23°31	4°35	T 25
W26	20 34 58	7°26'12	6♑41	4°35	14°50	9°48	8°16	5°13	19°55	17°35	28°32	0°20	1°36	23°38	4°41	W26
T 27	20 38 55	8°23'51	18°49	5°40	16° 3	10° 8	8°20	5°18	19°54	17°33	28°32	0°10	1°33	23°45	4°46	T 27
F 28	20 42 51	9°21'31	0♒49	6°42	17°16	10°27	8°25	5°23	19°54	17°32	28°31	0° 1	1°29	23°51	4°52	F 28
S 29	20 46 48	10°19'12	12°43	7°41	18°29	10°46	8°30	5°28	19°54	17°30	28°31	29♍52	1°26	23°58	4°57	S 29
S 30	20 50 44	11°16'55	24°34	8°38	19°43	11° 4	8°36	5°34	19°53	17°29	28°31	29°45	1°23	24° 5	5° 3	S 30
M31	20 54 41	12♌14'40	6♓23	9♍32	20♋56	11♈21	8♏41	5♎39	19♈53	17♉27	28♏31	29♍40	1♎20	24♒11	5♋ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n53	15s13	4n16	22n36	1n47	21n40	1s 1	3s42	3s35	13s 1	1n 1	0n51	2n29	7n13	0s36	21s53	0n26	9s30	10n45	0s51	1s10	11s21	18n40	4s53
S 2	22 47	12 42	3 38	22 11	1 45	21 51	0 58	3 32	3 36	13 2	1 1	0 49	2 28	7 13	0 36	21 54	0 26	9 30	10 45	0 47	1 9	11 19	18 40	4 53
M 3	22 40	9 41	2 50	21 44	1 42	22 1	0 55	3 21	3 38	13 2	1 1	0 48	2 28	7 13	0 36	21 54	0 26	9 30	10 45	0 44	1 8	11 18	18 40	4 53
T 4	22 33	6 16	1 55	21 17	1 38	22 10	0 53	3 10	3 40	13 3	1 1	0 47	2 28	7 14	0 36	21 54	0 26	9 30	10 44	0 43	1 6	11 16	18 39	4 53
W 5	22 26	2 37	0 55	20 48	1 34	22 18	0 50	3 0	3 41	13 3	1 0	0 45	2 28	7 14	0 36	21 54	0 26	9 30	10 44	0 42	1 5	11 15	18 39	4 53
T 6	22 19	1n11	0s 8	20 18	1 30	22 27	0 48	2 49	3 43	13 4	1 0	0 43	2 28	7 14	0 36	21 55	0 26	9 30	10 44	0 42	1 4	11 13	18 39	4 54
F 7	22 11	5 0	1 12	19 47	1 25	22 34	0 45	2 39	3 44	13 5	1 0	0 42	2 27	7 14	0 36	21 55	0 26	9 31	10 43	0 42	1 2	11 12	18 38	4 54
S 8	22 2	8 41	2 14	19 15	1 19	22 41	0 42	2 29	3 46	13 5	1 0	0 40	2 27	7 15	0 36	21 55	0 26	9 31	10 43	0 42	1 1	11 10	18 38	4 54
S 9	21 54	12 4	3 11	18 42	1 13	22 47	0 39	2 19	3 47	13 6	0 59	0 39	2 27	7 15	0 36	21 55	0 26	9 31	10 42	0 41	1 0	11 9	18 38	4 54
M10	21 44	14 58	4 0	18 9	1 7	22 53	0 37	2 9	3 49	13 7	0 59	0 37	2 27	7 15	0 36	21 55	0 26	9 31	10 42	0 40	0 59	11 7	18 37	4 54
T 11	21 35	17 8	4 38	17 35	1 1	22 57	0 34	1 59	3 50	13 8	0 59	0 35	2 26	7 15	0 36	21 56	0 26	9 31	10 42	0 37	0 57	11 6	18 37	4 55
W12	21 25	18 20	4 59	17 1	0 54	23 2	0 31	1 50	3 52	13 9	0 58	0 34	2 26	7 15	0 37	21 56	0 26	9 32	10 41	0 34	0 56	11 4	18 37	4 55
T 13	21 15	18 23	5 2	16 26	0 46	23 5	0 28	1 41	3 53	13 10	0 58	0 32	2 26	7 15	0 37	21 56	0 26	9 32	10 41	0 30	0 55	11 3	18 36	4 55
F 14	21 4	17 10	4 45	15 50	0 39	23 8	0 26	1 32	3 55	13 11	0 58	0 30	2 26	7 16	0 37	21 56	0 26	9 32	10 40	0 26	0 54	11 1	18 36	4 55
S 15	20 53	14 45	4 7	15 15	0 31	23 11	0 23	1 23	3 56	13 12	0 58	0 28	2 26	7 16	0 37	21 57	0 25	9 32	10 40	0 23	0 52	11 0	18 35	4 55
S 16	20 42	11 19	3 13	14 39	0 23	23 12	0 20	1 14	3 58	13 13	0 57	0 26	2 25	7 16	0 37	21 57	0 25	9 33	10 40	0 20	0 51	10 58	18 35	4 56
M17	20 30	7 11	2 5	14 3	0 14	23 13	0 17	1 5	3 59	13 15	0 57	0 24	2 25	7 16	0 37	21 57	0 25	9 33	10 39	0 18	0 50	10 57	18 35	4 56
T 18	20 18	2 41	0 50	13 27	0 5	23 13	0 15	0 57	4 1	13 16	0 57	0 23	2 25	7 16	0 37	21 57	0 25	9 33	10 39	0 17	0 48	10 55	18 34	4 56
W19	20 6	1s52	0n27	12 51	0s 4	23 13	0 12	0 49	4 2	13 17	0 57	0 21	2 25	7 16	0 37	21 58	0 25	9 34	10 38	0 17	0 47	10 54	18 34	4 56
T 20	19 53	6 11	1 39	12 15	0 13	23 12	0 9	0 41	4 3	13 19	0 56	0 19	2 25	7 16	0 37	21 58	0 25	9 34	10 38	0 18	0 46	10 52	18 33	4 57
F 21	19 40	10 4	2 45	11 39	0 22	23 10	0 6	0 33	4 5	13 20	0 56	0 17	2 24	7 16	0 37	21 58	0 25	9 34	10 38	0 18	0 45	10 51	18 33	4 57
S 22	19 27	13 19	3 40	11 4	0 32	23 8	0 4	0 25	4 6	13 22	0 56	0 15	2 24	7 16	0 37	21 58	0 25	9 34	10 37	0 17	0 43	10 49	18 32	4 57
S 23	19 13	15 51	4 22	10 29	0 42	23 5	0 1	0 18	4 7	13 23	0 56	0 13	2 24	7 16	0 37	21 58	0 25	9 35	10 37	0 16	0 42	10 48	18 32	4 58
M24	18 59	17 33	4 50	9 54	0 52	23 1	0n 2	0 10	4 9	13 25	0 55	0 11	2 24	7 16	0 37	21 59	0 25	9 35	10 36	0 14	0 41	10 46	18 32	4 58
T 25	18 45	18 23	5 4	9 19	1 2	22 56	0 4	0 3	4 10	13 26	0 55	0 9	2 24	7 16	0 37	21 59	0 25	9 35	10 36	0 11	0 40	10 45	18 31	4 58
W26	18 31	18 20	5 4	8 46	1 12	22 51	0 7	0n 3	4 11	13 28	0 55	0 6	2 23	7 15	0 37	21 59	0 25	9 36	10 35	0 8	0 38	10 43	18 31	4 58
T 27	18 16	17 27	4 50	8 12	1 23	22 45	0 10	0 10	4 12	13 30	0 55	0 4	2 23	7 15	0 37	21 59	0 25	9 36	10 35	0 4	0 37	10 42	18 30	4 59
F 28	18 0	15 48	4 23	7 40	1 33	22 39	0 12	0 16	4 14	13 32	0 54	0 2	2 23	7 15	0 37	21 59	0 25	9 37	10 35	0 0	0 36	10 40	18 30	4 59
S 29	17 45	13 28	3 45	7 8	1 44	22 32	0 15	0 22	4 15	13 34	0 54	0s 0	2 23	7 15	0 37	22 0	0 25	9 37	10 34	0n 3	0 35	10 39	18 29	4 59
S 30	17 29	10 37	2 58	6 37	1 54	22 24	0 18	0 28	4 16	13 35	0 54	0 2	2 23	7 15	0 37	22 0	0 25	9 37	10 34	0 6	0 33	10 37	18 29	5 0
M31	17n13	7s19	2n 2	6n 7	2s 5	22n15	0n20	0n34	4s17	13s37	0n54	0s 5	2n23	7n15	0s37	22s 0	0n25	9s38	10n33	0n 8	0s32	10s36	18n28	5s 0

Julian Day Number = 2090141.5, Delta T = 23m33s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'55, Lahiri = 10°03'55 Julian Calendar 1 July 1010 == Greg. Calendar 7 July 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

AUGUST 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 58 38	13♌12'25	18♓12	10♍23	22♋ 9	11♈37	8♏46	5♎44	19°R52	17°R26	28°R31	29°R37	1♎17	24♒18	5♋13	T 1
W 2	21 2 34	14°10'13	0♈ 4	11°10	23°22	11°53	8°52	5°49	19♈52	17♉25	28♏31	29°D37	1°14	24°25	5°19	W 2
T 3	21 6 31	15° 8'02	12° 3	11°55	24°36	12° 9	8°58	5°55	19°51	17°23	28°31	29♍37	1°10	24°31	5°24	T 3
F 4	21 10 27	16° 5'53	24°13	12°35	25°49	12°23	9° 4	6° 0	19°50	17°22	28°D31	29°39	1° 7	24°38	5°29	F 4
S 5	21 14 24	17° 3'46	6♉38	13°12	27° 3	12°37	9°10	6° 6	19°50	17°20	28°31	29°40	1° 4	24°45	5°34	S 5
S 6	21 18 20	18° 1'40	19°24	13°45	28°16	12°51	9°16	6°11	19°49	17°19	28°31	29°R40	1° 1	24°51	5°39	S 6
M 7	21 22 17	18°59'37	2♊33	14°14	29°30	13° 3	9°23	6°17	19°48	17°18	28°31	29°40	0°58	24°58	5°44	M 7
T 8	21 26 13	19°57'35	16°11	14°38	0♌44	13°15	9°29	6°23	19°47	17°16	28°31	29°37	0°55	25° 5	5°49	T 8
W 9	21 30 10	20°55'36	0♋16	14°57	1°57	13°26	9°36	6°28	19°46	17°15	28°31	29°33	0°51	25°11	5°54	W 9
T 10	21 34 7	21°53'38	14°49	15°11	3°11	13°36	9°43	6°34	19°45	17°14	28°31	29°28	0°48	25°18	5°59	T 10
F 11	21 38 3	22°51'42	29°44	15°19	4°25	13°45	9°50	6°40	19°44	17°13	28°31	29°22	0°45	25°25	6° 4	F 11
S 12	21 42 0	23°49'48	14♌54	15°R23	5°39	13°54	9°57	6°46	19°43	17°11	28°31	29°17	0°42	25°31	6° 9	S 12
S 13	21 45 56	24°47'56	0♍ 9	15°20	6°52	14° 2	10° 4	6°52	19°42	17°10	28°32	29°14	0°39	25°38	6°13	S 13
M14	21 49 53	25°46'06	15°19	15°11	8° 6	14° 9	10°11	6°58	19°41	17° 9	28°32	29°11	0°35	25°45	6°18	M14
T 15	21 53 49	26°44'17	0♎14	14°56	9°20	14°15	10°19	7° 4	19°40	17° 8	28°32	29°D11	0°32	25°51	6°23	T 15
W16	21 57 46	27°42'29	14°47	14°34	10°34	14°20	10°27	7°10	19°39	17° 7	28°33	29°11	0°29	25°58	6°27	W16
T 17	22 1 42	28°40'43	28°56	14° 6	11°48	14°25	10°34	7°16	19°38	17° 6	28°33	29°13	0°26	26° 5	6°32	T 17
F 18	22 5 39	29°38'59	12♏38	13°32	13° 2	14°28	10°42	7°23	19°36	17° 5	28°34	29°14	0°23	26°11	6°36	F 18
S 19	22 9 36	0♍37'16	25°55	12°52	14°16	14°31	10°50	7°29	19°35	17° 3	28°34	29°R15	0°20	26°18	6°41	S 19
S 20	22 13 32	1°35'35	8♐49	12° 6	15°30	14°33	10°58	7°35	19°34	17° 2	28°35	29°15	0°16	26°25	6°45	S 20
M21	22 17 29	2°33'56	21°24	11°14	16°44	14°34	11° 7	7°42	19°32	17° 1	28°35	29°14	0°13	26°31	6°50	M21
T 22	22 21 25	3°32'18	3♑44	10°19	17°59	14°R34	11°15	7°48	19°31	17° 0	28°36	29°11	0°10	26°38	6°54	T 22
W23	22 25 22	4°30'42	15°52	9°20	19°13	14°33	11°24	7°54	19°29	16°59	28°36	29° 8	0° 7	26°45	6°58	W23
T 24	22 29 18	5°29'07	27°51	8°19	20°27	14°32	11°32	8° 1	19°28	16°58	28°37	29° 4	0° 4	26°51	7° 2	T 24
F 25	22 33 15	6°27'35	9♒45	7°17	21°41	14°29	11°41	8° 7	19°26	16°58	28°38	29° 0	0° 1	26°58	7° 6	F 25
S 26	22 37 11	7°26'04	21°35	6°15	22°56	14°26	11°50	8°14	19°24	16°57	28°38	28°56	29♍57	27° 5	7°10	S 26
S 27	22 41 8	8°24'35	3♓24	5°16	24°10	14°22	11°59	8°20	19°23	16°56	28°39	28°54	29°54	27°11	7°14	S 27
M28	22 45 5	9°23'07	15°15	4°19	25°24	14°17	12° 8	8°27	19°21	16°55	28°40	28°52	29°51	27°18	7°18	M28
T 29	22 49 1	10°21'42	27° 8	3°28	26°39	14°11	12°17	8°34	19°19	16°54	28°41	28°D51	29°48	27°25	7°22	T 29
W30	22 52 58	11°20'19	9♈ 7	2°42	27°53	14° 4	12°27	8°40	19°18	16°53	28°41	28°52	29°45	27°31	7°26	W30
T 31	22 56 54	12♍18'58	21♈14	2♍ 4	29♌ 8	13♈56	12♏36	8♎47	19♈16	16♉53	28♏42	28♍53	29♍41	27♒38	7♋29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n57	3s45	1n 1	5n38	2s15	22n 6	0n23	0n40	4s18	13s39	0n53	0s 7	2n22	7n14	0s37	22s 0	0n25	9s38	10n33	0n 9	0s31	10s34	18n28	5s 0
W 2	16 40	0 1	0s 2	5 10	2 26	21 56	0 25	0 45	4 19	13 41	0 53	0 9	2 22	7 14	0 37	22 0	0 25	9 38	10 32	0 9	0 29	10 32	18 27	5 1
T 3	16 23	3n45	1 7	4 44	2 36	21 46	0 28	0 50	4 20	13 43	0 53	0 11	2 22	7 14	0 37	22 1	0 25	9 39	10 32	0 9	0 28	10 31	18 26	5 1
F 4	16 6	7 26	2 10	4 19	2 46	21 35	0 30	0 55	4 21	13 46	0 53	0 14	2 22	7 14	0 37	22 1	0 25	9 39	10 32	0 9	0 27	10 29	18 26	5 1
S 5	15 48	10 51	3 7	3 55	2 57	21 23	0 32	0 59	4 22	13 48	0 52	0 16	2 22	7 13	0 37	22 1	0 25	9 40	10 31	0 8	0 26	10 28	18 25	5 2
S 6	15 30	13 51	3 58	3 33	3 6	21 11	0 35	1 3	4 23	13 50	0 52	0 18	2 22	7 13	0 37	22 1	0 25	9 40	10 31	0 8	0 24	10 26	18 25	5 2
M 7	15 12	16 15	4 37	3 13	3 16	20 58	0 37	1 7	4 24	13 52	0 52	0 21	2 21	7 13	0 37	22 1	0 25	9 41	10 30	0 8	0 23	10 25	18 24	5 3
T 8	14 54	17 50	5 3	2 56	3 25	20 44	0 39	1 11	4 25	13 55	0 52	0 23	2 21	7 12	0 37	22 2	0 25	9 41	10 30	0 9	0 22	10 23	18 24	5 3
W 9	14 36	18 23	5 11	2 40	3 34	20 30	0 42	1 15	4 26	13 57	0 52	0 26	2 21	7 12	0 37	22 2	0 25	9 42	10 29	0 11	0 21	10 22	18 23	5 3
T 10	14 17	17 46	5 0	2 27	3 43	20 15	0 44	1 18	4 27	13 59	0 51	0 28	2 21	7 12	0 37	22 2	0 25	9 42	10 29	0 13	0 19	10 20	18 22	5 4
F 11	13 58	15 56	4 29	2 16	3 50	20 0	0 46	1 21	4 28	14 2	0 51	0 30	2 21	7 11	0 37	22 2	0 25	9 42	10 29	0 15	0 18	10 19	18 22	5 4
S 12	13 39	12 58	3 38	2 9	3 58	19 44	0 48	1 24	4 28	14 4	0 51	0 33	2 21	7 11	0 37	22 2	0 25	9 43	10 28	0 17	0 17	10 17	18 21	5 4
S 13	13 19	9 6	2 32	2 4	4 4	19 28	0 50	1 26	4 29	14 7	0 51	0 35	2 20	7 10	0 37	22 3	0 25	9 43	10 28	0 19	0 15	10 15	18 21	5 5
M14	13 0	4 40	1 15	2 2	4 9	19 10	0 52	1 28	4 29	14 9	0 50	0 38	2 20	7 10	0 37	22 3	0 25	9 44	10 27	0 19	0 14	10 14	18 20	5 5
T 15	12 40	0s 0	0n 6	2 4	4 14	18 53	0 54	1 30	4 30	14 12	0 50	0 41	2 20	7 9	0 37	22 3	0 25	9 44	10 27	0 20	0 13	10 12	18 19	5 6
W16	12 20	4 34	1 25	2 10	4 17	18 35	0 56	1 32	4 30	14 14	0 50	0 43	2 20	7 9	0 37	22 3	0 25	9 45	10 26	0 19	0 12	10 11	18 19	5 6
T 17	12 0	8 43	2 36	2 19	4 19	18 16	0 58	1 33	4 31	14 17	0 50	0 46	2 20	7 8	0 37	22 3	0 25	9 45	10 26	0 19	0 10	10 9	18 18	5 6
F 18	11 39	12 17	3 36	2 31	4 19	17 57	1 0	1 34	4 31	14 20	0 50	0 48	2 20	7 8	0 37	22 3	0 25	9 46	10 25	0 18	0 9	10 8	18 17	5 7
S 19	11 19	15 5	4 23	2 48	4 18	17 37	1 1	1 35	4 31	14 22	0 49	0 51	2 20	7 7	0 37	22 4	0 25	9 46	10 25	0 18	0 8	10 6	18 17	5 7
S 20	10 58	17 2	4 54	3 8	4 15	17 17	1 3	1 35	4 32	14 25	0 49	0 53	2 20	7 7	0 37	22 4	0 25	9 47	10 25	0 18	0 7	10 5	18 16	5 8
M21	10 37	18 6	5 11	3 32	4 10	16 56	1 5	1 36	4 32	14 28	0 49	0 56	2 19	7 6	0 37	22 4	0 25	9 48	10 24	0 19	0 5	10 3	18 15	5 8
T 22	10 16	18 18	5 13	3 59	4 3	16 35	1 6	1 36	4 32	14 31	0 49	0 59	2 19	7 6	0 37	22 4	0 25	9 48	10 24	0 20	0 4	10 1	18 15	5 9
W23	9 54	17 38	5 1	4 30	3 54	16 13	1 8	1 36	4 32	14 34	0 49	1 1	2 19	7 5	0 37	22 4	0 25	9 49	10 23	0 21	0 3	10 0	18 14	5 9
T 24	9 33	16 12	4 36	5 2	3 43	15 51	1 9	1 35	4 32	14 36	0 48	1 4	2 19	7 5	0 37	22 4	0 25	9 49	10 23	0 22	0 1	9 58	18 13	5 10
F 25	9 11	14 4	3 59	5 37	3 31	15 28	1 11	1 34	4 31	14 39	0 48	1 7	2 19	7 4	0 38	22 4	0 25	9 50	10 22	0 24	0 0	9 57	18 13	5 10
S 26	8 50	11 22	3 11	6 13	3 16	15 5	1 12	1 33	4 31	14 42	0 48	1 9	2 19	7 3	0 38	22 5	0 25	9 50	10 22	0 25	0n 1	9 55	18 12	5 10
S 27	8 28	8 12	2 16	6 50	3 0	14 41	1 14	1 32	4 31	14 45	0 48	1 12	2 19	7 3	0 38	22 5	0 25	9 51	10 21	0 26	0 2	9 54	18 11	5 11
M28	8 6	4 42	1 15	7 27	2 43	14 18	1 15	1 30	4 30	14 48	0 48	1 15	2 19	7 2	0 38	22 5	0 25	9 52	10 21	0 27	0 4	9 52	18 11	5 11
T 29	7 43	1 0	0 10	8 3	2 25	13 53	1 16	1 29	4 30	14 51	0 47	1 17	2 19	7 1	0 38	22 5	0 25	9 52	10 21	0 27	0 5	9 50	18 10	5 12
W30	7 21	2n46	0s57	8 37	2 6	13 29	1 17	1 27	4 29	14 54	0 47	1 20	2 19	7 1	0 38	22 5	0 25	9 53	10 20	0 27	0 6	9 49	18 9	5 12
T 31	6n59	6n28	2s 1	9n 9	1s46	13n 3	1n18	1n24	4s28	14s57	0n47	1s23	2n18	7n 0	0s38	22s 5	0n25	9s53	10n20	0n27	0n 7	9s47	18n 9	5s13

Julian Day Number = 2090172.5, Delta T = 23m32s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°56'59, Lahiri = 10°03'59 Julian Calendar 1 Aug. 1010 == Greg. Calendar 7 Aug. 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

SEPTEMBER 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 0 51	13♍17'39	3♉31	1°R34	0♍22	13°R48	12♏46	8♎54	19°R14	16°R52	28♏43	28♍54	29♍38	27♒45	7♋33	F 1
S 2	23 4 47	14°16'23	16° 3	1♍13	1°37	13♈39	12°55	9° 1	19♈12	16♑51	28°44	28°55	29°35	27°51	7°37	S 2
S 3	23 8 44	15°15'08	28°51	1° 2	2°51	13°29	13° 5	9° 8	19°10	16°50	28°45	28°56	29°32	27°58	7°40	S 3
M 4	23 12 40	16°13'56	11♊59	1°D 1	4° 6	13°18	13°15	9°14	19° 8	16°50	28°46	28°R57	29°29	28° 5	7°43	M 4
T 5	23 16 37	17°12'47	25°29	1°10	5°21	13° 6	13°25	9°21	19° 6	16°49	28°47	28°57	29°26	28°11	7°47	T 5
W 6	23 20 33	18°11'40	9♋24	1°29	6°35	12°53	13°35	9°28	19° 4	16°49	28°48	28°56	29°22	28°18	7°50	W 6
T 7	23 24 30	19°10'35	23°42	1°57	7°50	12°40	13°45	9°35	19° 2	16°48	28°49	28°55	29°19	28°25	7°53	T 7
F 8	23 28 27	20° 9'32	8♌22	2°35	9° 5	12°26	13°55	9°42	19° 0	16°48	28°50	28°54	29°16	28°31	7°56	F 8
S 9	23 32 23	21° 8'32	23°18	3°21	10°20	12°12	14° 6	9°49	18°58	16°47	28°51	28°53	29°13	28°38	7°59	S 9
S 10	23 36 20	22° 7'34	8♍23	4°15	11°34	11°57	14°16	9°56	18°56	16°47	28°52	28°53	29°10	28°45	8° 2	S 10
M11	23 40 16	23° 6'38	23°29	5°17	12°49	11°41	14°27	10° 3	18°54	16°46	28°54	28°D52	29° 6	28°51	8° 5	M11
T 12	23 44 13	24° 5'44	8♎25	6°26	14° 4	11°24	14°37	10°10	18°52	16°46	28°55	28°52	29° 3	28°58	8° 8	T 12
W13	23 48 9	25° 4'52	23° 5	7°41	15°19	11° 7	14°48	10°17	18°50	16°45	28°56	28°53	29° 0	29° 5	8°11	W13
T 14	23 52 6	26° 4'02	7♏22	9° 1	16°34	10°50	14°59	10°24	18°47	16°45	28°57	28°53	28°57	29°11	8°14	T 14
F 15	23 56 2	27° 3'14	21°13	10°26	17°49	10°32	15°10	10°32	18°45	16°45	28°59	28°53	28°54	29°18	8°16	F 15
S 16	23 59 59	28° 2'28	4♐38	11°55	19° 4	10°14	15°21	10°39	18°43	16°45	29° 0	28°53	28°51	29°25	8°19	S 16
S 17	0 3 56	29° 1'44	17°37	13°27	20°19	9°55	15°32	10°46	18°41	16°44	29° 1	28°R53	28°47	29°31	8°21	S 17
M18	0 7 52	0♎ 1'01	0♑15	15° 2	21°34	9°36	15°43	10°53	18°38	16°44	29° 3	28°D53	28°44	29°38	8°23	M18
T 19	0 11 49	1° 0'21	12°34	16°39	22°49	9°17	15°54	11° 0	18°36	16°44	29° 4	28°53	28°41	29°45	8°26	T 19
W20	0 15 45	1°59'42	24°39	18°19	24° 4	8°58	16° 5	11° 7	18°34	16°44	29° 6	28°54	28°38	29°51	8°28	W20
T 21	0 19 42	2°59'05	6♒34	19°59	25°19	8°38	16°17	11°15	18°31	16°44	29° 7	28°54	28°35	29°58	8°30	T 21
F 22	0 23 38	3°58'30	18°25	21°41	26°34	8°19	16°28	11°22	18°29	16°44	29° 9	28°54	28°32	0♓ 5	8°32	F 22
S 23	0 27 35	4°57'57	0♓13	23°24	27°49	7°59	16°40	11°29	18°27	16°D44	29°10	28°55	28°28	0°11	8°34	S 23
S 24	0 31 31	5°57'25	12° 4	25° 7	29° 4	7°40	16°51	11°36	18°24	16°44	29°12	28°56	28°25	0°18	8°36	S 24
M25	0 35 28	6°56'56	23°59	26°51	0♎19	7°20	17° 3	11°43	18°22	16°44	29°13	28°R56	28°22	0°25	8°38	M25
T 26	0 39 24	7°56'28	6♈ 1	28°35	1°34	7° 1	17°15	11°51	18°19	16°44	29°15	28°56	28°19	0°31	8°39	T 26
W27	0 43 21	8°56'03	18°12	0♎18	2°49	6°42	17°26	11°58	18°17	16°44	29°17	28°55	28°16	0°38	8°41	W27
T 28	0 47 18	9°55'40	0♉33	2° 2	4° 4	6°23	17°38	12° 5	18°15	16°44	29°18	28°54	28°12	0°45	8°42	T 28
F 29	0 51 14	10°55'19	13° 6	3°46	5°20	6° 4	17°50	12°12	18°12	16°44	29°20	28°53	28° 9	0°51	8°44	F 29
S 30	0 55 11	11♎55'00	25♉52	5♎29	6♎35	5♈45	18♏ 2	12♎20	18♈10	16♑44	29♏22	28♍51	28♍ 6	0♓58	8♋45	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n36	9n56	3s 0	9n38	1s26	12n38	1n19	1n22	4s27	15s 0	0n47	1s26	2n18	6n59	0s38	22s 5	0n25	9s54	10n19	0n26	0n 9	9s46	18n 8	5s13
S 2	6 13	13 1	3 53	10 4	1 6	12 12	1 20	1 19	4 26	15 4	0 47	1 28	2 18	6 59	0 38	22 5	0 25	9 54	10 19	0 26	0 10	9 44	18 7	5 14
S 3	5 50	15 32	4 35	10 26	0 47	11 46	1 21	1 16	4 25	15 7	0 46	1 31	2 18	6 58	0 38	22 6	0 25	9 55	10 19	0 25	0 11	9 43	18 7	5 14
M 4	5 28	17 20	5 4	10 44	0 28	11 20	1 22	1 13	4 24	15 10	0 46	1 34	2 18	6 57	0 38	22 6	0 24	9 56	10 18	0 25	0 12	9 41	18 6	5 15
T 5	5 5	18 13	5 17	10 57	0 10	10 53	1 23	1 10	4 23	15 13	0 46	1 37	2 18	6 56	0 38	22 6	0 24	9 56	10 18	0 25	0 14	9 39	18 5	5 15
W 6	4 41	18 3	5 12	11 7	0n 7	10 26	1 23	1 6	4 21	15 16	0 46	1 40	2 18	6 56	0 38	22 6	0 24	9 57	10 17	0 26	0 15	9 38	18 5	5 16
T 7	4 18	16 44	4 48	11 11	0 23	9 58	1 24	1 3	4 20	15 19	0 46	1 42	2 18	6 55	0 38	22 6	0 24	9 58	10 17	0 26	0 16	9 36	18 4	5 16
F 8	3 55	14 19	4 5	11 11	0 37	9 31	1 24	0 59	4 18	15 23	0 45	1 45	2 18	6 54	0 38	22 6	0 24	9 58	10 16	0 26	0 18	9 35	18 3	5 17
S 9	3 32	10 54	3 5	11 7	0 51	9 3	1 25	0 55	4 16	15 26	0 45	1 48	2 18	6 53	0 38	22 6	0 24	9 59	10 16	0 27	0 19	9 33	18 2	5 17
S 10	3 8	6 45	1 51	10 58	1 3	8 34	1 25	0 51	4 15	15 29	0 45	1 51	2 18	6 52	0 38	22 6	0 24	9 59	10 16	0 27	0 20	9 31	18 2	5 18
M11	2 45	2 9	0 30	10 46	1 13	8 6	1 26	0 46	4 12	15 32	0 45	1 54	2 18	6 52	0 38	22 6	0 24	10 0	10 15	0 27	0 21	9 30	18 1	5 19
T 12	2 21	2s33	0n53	10 29	1 23	7 37	1 26	0 42	4 10	15 36	0 45	1 56	2 18	6 51	0 38	22 6	0 24	10 1	10 15	0 27	0 23	9 28	18 0	5 19
W13	1 58	7 0	2 11	10 8	1 31	7 8	1 26	0 37	4 8	15 39	0 45	1 59	2 18	6 50	0 38	22 6	0 24	10 1	10 14	0 27	0 24	9 27	18 0	5 20
T 14	1 34	10 55	3 18	9 45	1 38	6 39	1 26	0 33	4 6	15 42	0 44	2 2	2 17	6 49	0 38	22 6	0 24	10 2	10 14	0 27	0 25	9 25	17 59	5 20
F 15	1 11	14 6	4 12	9 18	1 44	6 10	1 26	0 28	4 3	15 46	0 44	2 5	2 17	6 48	0 38	22 7	0 24	10 3	10 14	0 27	0 26	9 23	17 58	5 21
S 16	0 47	16 25	4 50	8 48	1 48	5 41	1 26	0 23	4 0	15 49	0 44	2 8	2 17	6 47	0 38	22 7	0 24	10 3	10 13	0 27	0 28	9 22	17 58	5 21
S 17	0 23	17 49	5 12	8 16	1 52	5 11	1 26	0 19	3 58	15 53	0 44	2 11	2 17	6 46	0 38	22 7	0 24	10 4	10 13	0 27	0 29	9 20	17 57	5 22
M18	0s 0	18 16	5 18	7 41	1 54	4 41	1 26	0 14	3 55	15 56	0 44	2 13	2 17	6 46	0 38	22 7	0 24	10 5	10 13	0 27	0 30	9 19	17 56	5 22
T 19	0 24	17 50	5 9	7 4	1 56	4 11	1 26	0 9	3 52	15 59	0 44	2 16	2 17	6 45	0 38	22 7	0 24	10 5	10 12	0 27	0 32	9 17	17 55	5 23
W20	0 48	16 36	4 47	6 26	1 57	3 41	1 26	0 4	3 49	16 3	0 43	2 19	2 17	6 44	0 38	22 7	0 24	10 6	10 12	0 27	0 33	9 15	17 55	5 23
T 21	1 12	14 40	4 12	5 46	1 57	3 11	1 26	0s 1	3 46	16 6	0 43	2 22	2 17	6 43	0 38	22 7	0 24	10 7	10 11	0 26	0 34	9 14	17 54	5 24
F 22	1 35	12 7	3 27	5 5	1 56	2 41	1 25	0 5	3 42	16 10	0 43	2 25	2 17	6 42	0 38	22 7	0 24	10 7	10 11	0 26	0 35	9 12	17 53	5 25
S 23	1 59	9 4	2 33	4 23	1 54	2 10	1 25	0 10	3 39	16 13	0 43	2 28	2 17	6 41	0 38	22 7	0 24	10 8	10 11	0 26	0 37	9 11	17 53	5 25
S 24	2 23	5 39	1 32	3 40	1 52	1 40	1 24	0 14	3 35	16 17	0 43	2 31	2 17	6 40	0 38	22 7	0 24	10 9	10 10	0 26	0 38	9 9	17 52	5 26
M25	2 46	1 59	0 27	2 56	1 49	1 9	1 24	0 19	3 32	16 20	0 43	2 33	2 17	6 39	0 38	22 7	0 24	10 9	10 10	0 26	0 39	9 7	17 51	5 26
T 26	3 10	1n48	0s39	2 12	1 46	0 39	1 23	0 23	3 28	16 23	0 43	2 36	2 17	6 38	0 38	22 7	0 24	10 10	10 10	0 26	0 40	9 6	17 51	5 27
W27	3 34	5 33	1 45	1 27	1 43	0 8	1 22	0 27	3 24	16 27	0 42	2 39	2 17	6 37	0 38	22 7	0 24	10 11	10 9	0 26	0 42	9 4	17 50	5 27
T 28	3 57	9 8	2 47	0 42	1 39	0s23	1 22	0 31	3 21	16 30	0 42	2 42	2 17	6 36	0 38	22 7	0 24	10 11	10 9	0 26	0 43	9 3	17 49	5 28
F 29	4 21	12 20	3 41	0s 4	1 34	0 53	1 21	0 35	3 17	16 34	0 42	2 45	2 17	6 36	0 38	22 7	0 24	10 12	10 9	0 27	0 44	9 1	17 49	5 29
S 30	4s44	15n 1	4s26	0s49	1n29	1s24	1n20	0s39	3s13	16s37	0n42	2s48	2n17	6n35	0s38	22s 7	0n24	10s13	10n 8	0n28	0n46	8s59	17n48	5s29

Julian Day Number = 2090203.5, Delta T = 23m32s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'03, Lahiri = 10°04'04 Julian Calendar 1 Sept. 1010 == Greg. Calendar 7 Sept. 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

OCTOBER 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 59 7	12♎54'43	8♊52	7♎12	7♎50	5°R27	18♏14	12♎27	18°R 7	16♑45	29♏23	28°R49	28♍ 3	1♓ 5	8♋46	S 1
M 2	1 3 4	13°54'29	22° 7	8°54	9° 5	5♈ 9	18°27	12°34	18♈ 5	16°45	29°25	28♍48	28° 0	1°11	8°47	M 2
T 3	1 7 0	14°54'17	5♋38	10°36	10°20	4°52	18°39	12°42	18° 2	16°45	29°27	28°47	27°57	1°18	8°49	T 3
W 4	1 10 57	15°54'08	19°26	12°18	11°36	4°35	18°51	12°49	18° 0	16°46	29°29	28°D46	27°53	1°25	8°50	W 4
T 5	1 14 53	16°54'00	3♌30	13°59	12°51	4°18	19° 3	12°56	17°57	16°46	29°30	28°47	27°50	1°31	8°50	T 5
F 6	1 18 50	17°53'55	17°50	15°39	14° 6	4° 2	19°16	13° 3	17°55	16°46	29°32	28°48	27°47	1°38	8°51	F 6
S 7	1 22 47	18°53'52	2♍24	17°19	15°21	3°47	19°28	13°11	17°52	16°47	29°34	28°50	27°44	1°45	8°52	S 7
S 8	1 26 43	19°53'52	17° 6	18°59	16°37	3°32	19°41	13°18	17°50	16°47	29°36	28°51	27°41	1°51	8°53	S 8
M 9	1 30 40	20°53'53	1♎51	20°38	17°52	3°18	19°53	13°25	17°48	16°48	29°38	28°R51	27°37	1°58	8°53	M 9
T 10	1 34 36	21°53'57	16°33	22°16	19° 7	3° 5	20° 6	13°32	17°45	16°48	29°40	28°50	27°34	2° 5	8°54	T 10
W11	1 38 33	22°54'02	1♏ 4	23°54	20°23	2°52	20°18	13°39	17°43	16°49	29°42	28°48	27°31	2°11	8°54	W11
T 12	1 42 29	23°54'10	15°19	25°32	21°38	2°40	20°31	13°47	17°40	16°49	29°44	28°45	27°28	2°18	8°54	T 12
F 13	1 46 26	24°54'19	29°12	27° 9	22°54	2°28	20°44	13°54	17°38	16°50	29°46	28°41	27°25	2°25	8°54	F 13
S 14	1 50 22	25°54'30	12♐41	28°46	24° 9	2°18	20°57	14° 1	17°35	16°51	29°48	28°37	27°22	2°31	8°R54	S 14
S 15	1 54 19	26°54'42	25°45	0♏22	25°24	2° 8	21° 9	14° 8	17°33	16°51	29°50	28°33	27°18	2°38	8°54	S 15
M16	1 58 16	27°54'57	8♑27	1°58	26°40	1°59	21°22	14°15	17°30	16°52	29°52	28°30	27°15	2°45	8°54	M16
T 17	2 2 12	28°55'12	20°48	3°33	27°55	1°51	21°35	14°22	17°28	16°53	29°54	28°28	27°12	2°51	8°54	T 17
W18	2 6 9	29°55'30	2♒54	5° 8	29°10	1°44	21°48	14°29	17°26	16°54	29°56	28°D28	27° 9	2°58	8°54	W18
T 19	2 10 5	0♏55'48	14°49	6°43	0♏26	1°37	22° 1	14°37	17°23	16°55	29°58	28°29	27° 6	3° 5	8°53	T 19
F 20	2 14 2	1°56'09	26°38	8°17	1°41	1°31	22°14	14°44	17°21	16°55	29°59	28°31	27° 3	3°11	8°53	F 20
S 21	2 17 58	2°56'30	8♓27	9°51	2°57	1°26	22°27	14°51	17°18	16°56	0♐ 2	28°32	26°59	3°18	8°52	S 21
S 22	2 21 55	3°56'54	20°20	11°24	4°12	1°22	22°40	14°58	17°16	16°57	0° 4	28°34	26°56	3°25	8°52	S 22
M23	2 25 51	4°57'18	2♈20	12°58	5°27	1°19	22°53	15° 5	17°14	16°58	0° 6	28°R34	26°53	3°31	8°51	M23
T 24	2 29 48	5°57'44	14°31	14°30	6°43	1°16	23° 7	15°12	17°12	16°59	0° 8	28°33	26°50	3°38	8°50	T 24
W25	2 33 44	6°58'12	26°56	16° 3	7°58	1°15	23°20	15°18	17° 9	17° 0	0°11	28°29	26°47	3°44	8°49	W25
T 26	2 37 41	7°58'42	9♉35	17°36	9°14	1°14	23°33	15°25	17° 7	17° 1	0°13	28°24	26°43	3°51	8°48	T 26
F 27	2 41 38	8°59'13	22°30	19° 8	10°29	1°D14	23°46	15°32	17° 5	17° 2	0°15	28°18	26°40	3°58	8°47	F 27
S 28	2 45 34	9°59'46	5♊39	20°39	11°44	1°14	23°59	15°39	17° 2	17° 4	0°17	28°10	26°37	4° 4	8°46	S 28
S 29	2 49 31	11° 0'20	19° 0	22°11	13° 0	1°16	24°13	15°46	17° 0	17° 5	0°19	28° 3	26°34	4°11	8°45	S 29
M30	2 53 27	12° 0'56	2♋34	23°42	14°15	1°18	24°26	15°53	16°58	17° 6	0°22	27°56	26°31	4°18	8°43	M30
T 31	2 57 24	13♏ 1'34	16♋18	25♏13	15♏31	1♈21	24♏39	15♎59	16♈56	17♑ 7	0♐24	27♍51	26♍28	4♓24	8♋42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s 8	17n 0	4s58	1s35	1n24	1s55	1n19	0s43	3s 9	16s41	0n42	2s50	2n17	6n34	0s38	22s 7	0n24	10s13	10n 8	0n28	0n47	8s58	17n47	5s30
M 2	5 31	18 6	5 14	2 20	1 19	2 26	1 18	0 46	3 5	16 44	0 42	2 53	2 17	6 33	0 38	22 7	0 24	10 14	10 8	0 29	0 48	8 56	17 47	5 30
T 3	5 54	18 13	5 14	3 6	1 14	2 56	1 17	0 49	3 1	16 48	0 42	2 56	2 17	6 32	0 38	22 7	0 24	10 15	10 7	0 29	0 49	8 54	17 46	5 31
W 4	6 17	17 16	4 56	3 51	1 8	3 27	1 16	0 52	2 57	16 51	0 41	2 59	2 17	6 31	0 38	22 7	0 24	10 15	10 7	0 29	0 51	8 53	17 45	5 32
T 5	6 40	15 15	4 20	4 36	1 2	3 57	1 15	0 55	2 52	16 55	0 41	3 2	2 17	6 30	0 38	22 7	0 24	10 16	10 7	0 29	0 52	8 51	17 45	5 32
F 6	7 3	12 16	3 28	5 20	0 56	4 28	1 13	0 57	2 48	16 58	0 41	3 4	2 17	6 29	0 38	22 7	0 24	10 17	10 6	0 29	0 53	8 50	17 44	5 33
S 7	7 26	8 29	2 21	6 4	0 50	4 58	1 12	1 0	2 44	17 2	0 41	3 7	2 17	6 28	0 38	22 7	0 24	10 17	10 6	0 28	0 54	8 48	17 43	5 33
S 8	7 49	4 8	1 4	6 48	0 43	5 28	1 11	1 2	2 40	17 5	0 41	3 10	2 17	6 27	0 38	22 7	0 24	10 18	10 6	0 28	0 56	8 46	17 43	5 34
M 9	8 12	0s29	0n17	7 32	0 37	5 59	1 9	1 3	2 36	17 9	0 41	3 13	2 17	6 26	0 38	22 7	0 24	10 19	10 5	0 28	0 57	8 45	17 42	5 34
T 10	8 35	5 4	1 36	8 15	0 30	6 29	1 8	1 5	2 31	17 12	0 41	3 16	2 17	6 25	0 38	22 7	0 24	10 19	10 5	0 28	0 58	8 43	17 42	5 35
W11	8 57	9 17	2 48	8 57	0 24	6 59	1 7	1 6	2 27	17 16	0 40	3 18	2 17	6 24	0 38	22 7	0 24	10 20	10 5	0 29	0 59	8 41	17 41	5 36
T 12	9 19	12 52	3 49	9 40	0 17	7 28	1 5	1 7	2 23	17 19	0 40	3 21	2 17	6 23	0 38	22 7	0 24	10 21	10 5	0 30	1 1	8 40	17 40	5 36
F 13	9 42	15 38	4 34	10 21	0 10	7 58	1 3	1 8	2 19	17 23	0 40	3 24	2 18	6 22	0 38	22 7	0 24	10 21	10 4	0 32	1 2	8 38	17 40	5 37
S 14	10 4	17 27	5 2	11 2	0 4	8 27	1 2	1 8	2 14	17 26	0 40	3 27	2 18	6 21	0 38	22 6	0 24	10 22	10 4	0 33	1 3	8 37	17 39	5 37
S 15	10 26	18 16	5 13	11 42	0s 3	8 57	1 0	1 8	2 10	17 30	0 40	3 29	2 18	6 21	0 38	22 6	0 23	10 23	10 4	0 35	1 5	8 35	17 39	5 38
M16	10 47	18 9	5 9	12 22	0 10	9 26	0 58	1 8	2 6	17 33	0 40	3 32	2 18	6 20	0 38	22 6	0 23	10 23	10 3	0 36	1 6	8 33	17 38	5 39
T 17	11 9	17 10	4 50	13 1	0 16	9 54	0 57	1 7	2 2	17 37	0 40	3 35	2 18	6 19	0 38	22 6	0 23	10 24	10 3	0 37	1 7	8 32	17 37	5 39
W18	11 30	15 24	4 19	13 40	0 23	10 23	0 55	1 7	1 58	17 40	0 40	3 37	2 18	6 18	0 38	22 6	0 23	10 25	10 3	0 37	1 8	8 30	17 37	5 40
T 19	11 51	13 1	3 37	14 17	0 29	10 51	0 53	1 6	1 54	17 44	0 39	3 40	2 18	6 17	0 38	22 6	0 23	10 25	10 3	0 36	1 10	8 28	17 36	5 40
F 20	12 13	10 6	2 46	14 54	0 36	11 19	0 51	1 4	1 50	17 47	0 39	3 43	2 18	6 16	0 38	22 6	0 23	10 26	10 2	0 36	1 11	8 27	17 36	5 41
S 21	12 33	6 47	1 48	15 31	0 42	11 47	0 49	1 3	1 46	17 51	0 39	3 45	2 18	6 15	0 38	22 6	0 23	10 27	10 2	0 35	1 12	8 25	17 35	5 42
S 22	12 54	3 10	0 45	16 6	0 49	12 15	0 47	1 1	1 42	17 54	0 39	3 48	2 18	6 14	0 38	22 6	0 23	10 27	10 2	0 34	1 13	8 23	17 35	5 42
M23	13 14	0n37	0s21	16 41	0 55	12 42	0 45	0 58	1 38	17 58	0 39	3 51	2 18	6 13	0 38	22 6	0 23	10 28	10 2	0 34	1 15	8 22	17 34	5 43
T 24	13 35	4 26	1 26	17 15	1 1	13 9	0 43	0 56	1 34	18 1	0 39	3 53	2 18	6 13	0 38	22 6	0 23	10 29	10 2	0 35	1 16	8 20	17 34	5 43
W25	13 55	8 8	2 28	17 48	1 7	13 36	0 41	0 53	1 30	18 5	0 39	3 56	2 18	6 12	0 38	22 6	0 23	10 29	10 1	0 36	1 17	8 18	17 33	5 44
T 26	14 15	11 32	3 25	18 20	1 13	14 2	0 39	0 50	1 27	18 8	0 39	3 59	2 18	6 11	0 38	22 5	0 23	10 30	10 1	0 38	1 19	8 17	17 33	5 44
F 27	14 34	14 26	4 11	18 52	1 19	14 28	0 37	0 47	1 23	18 11	0 39	4 1	2 18	6 10	0 37	22 5	0 23	10 31	10 1	0 41	1 20	8 15	17 32	5 45
S 28	14 53	16 40	4 46	19 22	1 25	14 53	0 35	0 43	1 19	18 15	0 39	4 4	2 19	6 9	0 37	22 5	0 23	10 31	10 1	0 44	1 21	8 13	17 32	5 45
S 29	15 12	18 2	5 5	19 52	1 30	15 18	0 32	0 39	1 16	18 18	0 38	4 6	2 19	6 8	0 37	22 5	0 23	10 32	10 0	0 47	1 22	8 12	17 31	5 46
M30	15 31	18 24	5 8	20 20	1 35	15 43	0 30	0 35	1 12	18 22	0 38	4 9	2 19	6 7	0 37	22 5	0 23	10 32	10 0	0 49	1 24	8 10	17 31	5 47
T 31	15s50	17n43	4s53	20s48	1s41	16s 8	0n28	0s31	1s 9	18s25	0n38	4s11	2n19	6n 7	0s37	22s 5	0n23	10s33	10n 0	0n51	1n25	8s 9	17n30	5s47

Julian Day Number = 2090233.5, Delta T = 23m31s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'07, Lahiri = 10°04'08 Julian Calendar 1 Oct. 1010 == Greg. Calendar 7 Oct. 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

NOVEMBER 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 1 20	14♏ 2'14	0♌10	26♏44	16♏46	1♈25	24♏53	16♎ 6	16°R54	17♑ 8	0♐26	27°R48	26♍24	4♓31	8°R40	W 1
T 2	3 5 17	15° 2'55	14°10	28°15	18° 2	1°29	25° 6	16°13	16♈52	17°10	0°28	27°D48	26°21	4°38	8♋39	T 2
F 3	3 9 13	16° 3'39	28°17	29°45	19°17	1°35	25°20	16°19	16°50	17°11	0°31	27♍48	26°18	4°44	8°37	F 3
S 4	3 13 10	17° 4'23	12♍29	1♐15	20°32	1°41	25°33	16°26	16°48	17°12	0°33	27°49	26°15	4°51	8°35	S 4
S 5	3 17 7	18° 5'10	26°45	2°45	21°48	1°47	25°47	16°33	16°46	17°14	0°35	27°R50	26°12	4°58	8°33	S 5
M 6	3 21 3	19° 5'58	11♎ 3	4°14	23° 3	1°55	26° 0	16°39	16°44	17°15	0°37	27°49	26° 9	5° 4	8°31	M 6
T 7	3 25 0	20° 6'47	25°19	5°43	24°19	2° 3	26°13	16°46	16°42	17°16	0°40	27°46	26° 5	5°11	8°29	T 7
W 8	3 28 56	21° 7'38	9♏28	7°11	25°34	2°12	26°27	16°52	16°40	17°18	0°42	27°41	26° 2	5°18	8°27	W 8
T 9	3 32 53	22° 8'31	23°27	8°39	26°50	2°21	26°40	16°59	16°38	17°19	0°44	27°33	25°59	5°24	8°25	T 9
F 10	3 36 49	23° 9'24	7♐ 9	10° 6	28° 5	2°32	26°54	17° 5	16°36	17°21	0°47	27°23	25°56	5°31	8°23	F 10
S 11	3 40 46	24°10'19	20°32	11°33	29°21	2°42	27° 7	17°11	16°34	17°22	0°49	27°13	25°53	5°38	8°20	S 11
S 12	3 44 42	25°11'15	3♑35	12°59	0♐36	2°54	27°21	17°17	16°32	17°24	0°51	27° 3	25°49	5°44	8°18	S 12
M13	3 48 39	26°12'12	16°16	14°24	1°52	3° 6	27°35	17°24	16°31	17°25	0°53	26°54	25°46	5°51	8°15	M13
T 14	3 52 36	27°13'09	28°39	15°47	3° 7	3°19	27°48	17°30	16°29	17°27	0°56	26°48	25°43	5°58	8°13	T 14
W15	3 56 32	28°14'07	10♒45	17°10	4°22	3°32	28° 2	17°36	16°27	17°29	0°58	26°43	25°40	6° 4	8°10	W15
T 16	4 0 29	29°15'07	22°41	18°31	5°38	3°46	28°15	17°42	16°26	17°30	1° 0	26°42	25°37	6°11	8° 7	T 16
F 17	4 4 25	0♐16'06	4♓30	19°51	6°53	4° 0	28°29	17°48	16°24	17°32	1° 3	26°D41	25°34	6°18	8° 5	F 17
S 18	4 8 22	1°17'07	16°18	21° 8	8° 9	4°15	28°42	17°54	16°23	17°34	1° 5	26°42	25°30	6°24	8° 2	S 18
S 19	4 12 18	2°18'08	28°11	22°24	9°24	4°31	28°56	18° 0	16°21	17°35	1° 7	26°R42	25°27	6°31	7°59	S 19
M20	4 16 15	3°19'09	10♈14	23°37	10°40	4°47	29° 9	18° 6	16°20	17°37	1°10	26°41	25°24	6°38	7°56	M20
T 21	4 20 11	4°20'12	22°31	24°47	11°55	5° 4	29°23	18°11	16°18	17°39	1°12	26°38	25°21	6°44	7°53	T 21
W22	4 24 8	5°21'15	5♉ 6	25°53	13°10	5°21	29°36	18°17	16°17	17°41	1°14	26°32	25°18	6°51	7°50	W22
T 23	4 28 5	6°22'18	18° 1	26°55	14°26	5°39	29°50	18°23	16°15	17°42	1°17	26°24	25°15	6°57	7°46	T 23
F 24	4 32 1	7°23'23	1♊16	27°53	15°41	5°57	0♐ 3	18°28	16°14	17°44	1°19	26°13	25°11	7° 4	7°43	F 24
S 25	4 35 58	8°24'28	14°50	28°46	16°57	6°16	0°17	18°34	16°13	17°46	1°21	26° 1	25° 8	7°11	7°40	S 25
S 26	4 39 54	9°25'34	28°39	29°32	18°12	6°35	0°30	18°39	16°12	17°48	1°23	25°49	25° 5	7°17	7°37	S 26
M27	4 43 51	10°26'40	12♋40	0♑12	19°27	6°54	0°44	18°45	16°10	17°50	1°26	25°38	25° 2	7°24	7°33	M27
T 28	4 47 47	11°27'47	26°48	0°44	20°43	7°14	0°57	18°50	16° 9	17°52	1°28	25°29	24°59	7°31	7°30	T 28
W29	4 51 44	12°28'55	10♌58	1° 7	21°58	7°34	1°11	18°55	16° 8	17°54	1°30	25°23	24°55	7°37	7°26	W29
T 30	4 55 41	13♐30'04	25♌ 8	1♑21	23♐13	7♈55	1♐24	19♎ 1	16♈ 7	17♑56	1♐33	25♍20	24♍52	7♓44	7♋23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s 8	15n58	4s21	21s14	1s45	16s31	0n26	0s26	1s 5	18s28	0n38	4s14	2n19	6n 6	0s37	22s 5	0n23	10s34	10n 0	0n53	1n26	8s 7	17n30	5s48
T 2	16 26	13 15	3 34	21 40	1 50	16 55	0 23	0 21	1 2	18 32	0 38	4 16	2 19	6 5	0 37	22 5	0 23	10 34	10 0	0 53	1 27	8 5	17 29	5 48
F 3	16 44	9 45	2 33	22 4	1 55	17 18	0 21	0 16	0 59	18 35	0 38	4 19	2 19	6 4	0 37	22 4	0 23	10 35	10 0	0 53	1 29	8 4	17 29	5 49
S 4	17 1	5 39	1 22	22 27	1 59	17 41	0 19	0 11	0 55	18 38	0 38	4 21	2 19	6 4	0 37	22 4	0 23	10 36	9 59	0 52	1 30	8 2	17 29	5 49
S 5	17 18	1 12	0 6	22 50	2 3	18 3	0 16	0 5	0 52	18 42	0 38	4 24	2 19	6 3	0 37	22 4	0 23	10 36	9 59	0 52	1 31	8 0	17 28	5 50
M 6	17 35	3s19	1n11	23 10	2 7	18 24	0 14	0n 1	0 49	18 45	0 38	4 26	2 20	6 2	0 37	22 4	0 23	10 37	9 59	0 52	1 32	7 59	17 28	5 50
T 7	17 52	7 38	2 22	23 30	2 10	18 46	0 12	0 7	0 46	18 48	0 38	4 28	2 20	6 1	0 37	22 4	0 23	10 37	9 59	0 54	1 34	7 57	17 27	5 51
W 8	18 8	11 29	3 25	23 49	2 13	19 6	0 9	0 13	0 43	18 51	0 37	4 31	2 20	6 1	0 37	22 4	0 23	10 38	9 59	0 56	1 35	7 55	17 27	5 51
T 9	18 24	14 38	4 13	24 6	2 16	19 26	0 7	0 20	0 40	18 55	0 37	4 33	2 20	6 0	0 37	22 3	0 23	10 39	9 59	0 59	1 36	7 54	17 27	5 52
F 10	18 40	16 54	4 47	24 21	2 18	19 46	0 5	0 26	0 37	18 58	0 37	4 35	2 20	5 59	0 37	22 3	0 23	10 39	9 59	1 3	1 38	7 52	17 26	5 52
S 11	18 55	18 11	5 3	24 36	2 20	20 5	0 2	0 33	0 34	19 1	0 37	4 38	2 20	5 59	0 37	22 3	0 23	10 40	9 58	1 7	1 39	7 50	17 26	5 53
S 12	19 10	18 28	5 3	24 49	2 21	20 23	0s 0	0 40	0 32	19 4	0 37	4 40	2 20	5 58	0 37	22 3	0 23	10 40	9 58	1 11	1 40	7 49	17 25	5 53
M13	19 24	17 48	4 48	25 0	2 22	20 41	0 3	0 48	0 29	19 7	0 37	4 42	2 21	5 57	0 37	22 3	0 23	10 41	9 58	1 14	1 41	7 47	17 25	5 54
T 14	19 38	16 18	4 20	25 10	2 23	20 58	0 5	0 55	0 26	19 10	0 37	4 44	2 21	5 57	0 37	22 3	0 23	10 41	9 58	1 17	1 43	7 45	17 25	5 54
W15	19 52	14 6	3 40	25 19	2 23	21 15	0 7	1 3	0 24	19 14	0 37	4 46	2 21	5 56	0 37	22 2	0 23	10 42	9 58	1 19	1 44	7 43	17 25	5 55
T 16	20 6	11 19	2 52	25 26	2 22	21 31	0 10	1 11	0 21	19 17	0 37	4 49	2 21	5 55	0 37	22 2	0 23	10 43	9 58	1 19	1 45	7 42	17 24	5 55
F 17	20 19	8 7	1 56	25 31	2 21	21 46	0 12	1 19	0 19	19 20	0 37	4 51	2 21	5 55	0 37	22 2	0 23	10 43	9 58	1 19	1 46	7 40	17 24	5 56
S 18	20 32	4 35	0 55	25 35	2 19	22 1	0 15	1 27	0 16	19 23	0 37	4 53	2 21	5 54	0 37	22 2	0 23	10 44	9 58	1 19	1 48	7 38	17 24	5 56
S 19	20 44	0 51	0s 8	25 37	2 17	22 15	0 17	1 36	0 14	19 26	0 37	4 55	2 21	5 54	0 37	22 2	0 23	10 44	9 58	1 19	1 49	7 37	17 23	5 57
M20	20 56	2n59	1 12	25 38	2 13	22 29	0 19	1 44	0 11	19 29	0 36	4 57	2 22	5 53	0 37	22 1	0 23	10 45	9 57	1 19	1 50	7 35	17 23	5 57
T 21	21 7	6 45	2 13	25 37	2 9	22 42	0 22	1 53	0 9	19 32	0 36	4 59	2 22	5 53	0 37	22 1	0 23	10 45	9 57	1 21	1 51	7 33	17 23	5 57
W22	21 18	10 19	3 9	25 34	2 4	22 54	0 24	2 2	0 7	19 35	0 36	5 1	2 22	5 52	0 37	22 1	0 23	10 46	9 57	1 23	1 53	7 32	17 23	5 58
T 23	21 29	13 29	3 57	25 30	1 58	23 5	0 26	2 11	0 5	19 38	0 36	5 3	2 22	5 52	0 37	22 1	0 23	10 46	9 57	1 26	1 54	7 30	17 22	5 58
F 24	21 39	16 3	4 34	25 24	1 51	23 16	0 29	2 20	0 3	19 41	0 36	5 5	2 22	5 51	0 37	22 1	0 23	10 47	9 57	1 31	1 55	7 28	17 22	5 59
S 25	21 49	17 48	4 56	25 16	1 43	23 26	0 31	2 29	0 0	19 44	0 36	5 7	2 22	5 51	0 37	22 0	0 23	10 47	9 57	1 35	1 57	7 27	17 22	5 59
S 26	21 59	18 32	5 1	25 7	1 33	23 35	0 33	2 39	0n 2	19 47	0 36	5 9	2 23	5 50	0 37	22 0	0 23	10 48	9 57	1 40	1 58	7 25	17 22	5 59
M27	22 8	18 10	4 48	24 57	1 23	23 44	0 36	2 49	0 4	19 49	0 36	5 11	2 23	5 50	0 37	22 0	0 23	10 48	9 57	1 45	1 59	7 23	17 22	6 0
T 28	22 16	16 41	4 18	24 45	1 11	23 52	0 38	2 58	0 6	19 52	0 36	5 13	2 23	5 49	0 37	22 0	0 23	10 49	9 57	1 48	2 0	7 22	17 21	6 0
W29	22 25	14 10	3 32	24 31	0 58	23 59	0 40	3 8	0 8	19 55	0 36	5 15	2 23	5 49	0 37	21 59	0 22	10 49	9 57	1 51	2 2	7 20	17 21	6 1
T 30	22s32	10n49	2s33	24s17	0s43	24s 6	0s42	3n18	0n 9	19s58	0n36	5s16	2n23	5n49	0s37	21s59	0n22	10s50	9n57	1n52	2n 3	7s18	17n21	6s 1

Julian Day Number = 2090264.5, Delta T = 23m31s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'12, Lahiri = 10°04'12 Julian Calendar 1 Nov. 1010 == Greg. Calendar 7 Nov. 1010

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ASTRODIENST EPHEMERIS for the year 1010
geocentric

DECEMBER 1010 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 59 37	14♐31'13	9♍15	1°R25	24♐29	8♈16	1♐37	19♎ 6	16°R 6	17♑58	1♐35	25°R18	24♍49	7♓51	7°R19	F 1
S 2	5 3 34	15°32'24	23°19	1♑17	25°44	8°38	1°51	19°11	16♈ 5	18° 0	1°37	25♍18	24°46	7°57	7♋15	S 2
S 3	5 7 30	16°33'34	7♎19	0°58	27° 0	9° 0	2° 4	19°16	16° 4	18° 2	1°39	25°18	24°43	8° 4	7°12	S 3
M 4	5 11 27	17°34'46	21°13	0°27	28°15	9°22	2°18	19°21	16° 4	18° 4	1°42	25°16	24°40	8°11	7° 8	M 4
T 5	5 15 23	18°35'58	5♏ 3	29♐45	29°30	9°45	2°31	19°25	16° 3	18° 6	1°44	25°11	24°36	8°17	7° 4	T 5
W 6	5 19 20	19°37'11	18°45	28°51	0♑46	10° 8	2°44	19°30	16° 2	18° 8	1°46	25° 4	24°33	8°24	7° 0	W 6
T 7	5 23 16	20°38'24	2♐17	27°48	2° 1	10°32	2°57	19°35	16° 1	18°10	1°48	24°53	24°30	8°31	6°56	T 7
F 8	5 27 13	21°39'37	15°38	26°37	3°16	10°56	3°11	19°40	16° 1	18°12	1°51	24°40	24°27	8°37	6°52	F 8
S 9	5 31 10	22°40'51	28°45	25°19	4°32	11°20	3°24	19°44	16° 0	18°14	1°53	24°26	24°24	8°44	6°49	S 9
S 10	5 35 6	23°42'05	11♑36	23°58	5°47	11°44	3°37	19°49	16° 0	18°16	1°55	24°12	24°21	8°51	6°45	S 10
M11	5 39 3	24°43'19	24°10	22°37	7° 2	12° 9	3°50	19°53	15°59	18°18	1°57	24° 0	24°17	8°57	6°41	M11
T 12	5 42 59	25°44'32	6♒29	21°17	8°18	12°34	4° 3	19°57	15°59	18°20	1°59	23°50	24°14	9° 4	6°37	T 12
W13	5 46 56	26°45'46	18°34	20° 1	9°33	12°59	4°16	20° 1	15°58	18°22	2° 2	23°43	24°11	9°11	6°33	W13
T 14	5 50 52	27°46'59	0♓28	18°52	10°48	13°25	4°29	20° 6	15°58	18°25	2° 4	23°39	24° 8	9°17	6°28	T 14
F 15	5 54 49	28°48'12	12°16	17°52	12° 4	13°51	4°42	20°10	15°58	18°27	2° 6	23°37	24° 5	9°24	6°24	F 15
S 16	5 58 45	29°49'24	24° 3	17° 0	13°19	14°17	4°55	20°14	15°58	18°29	2° 8	23°37	24° 1	9°30	6°20	S 16
S 17	6 2 42	0♑50'36	5♈55	16°18	14°34	14°44	5° 8	20°18	15°57	18°31	2°10	23°37	23°58	9°37	6°16	S 17
M18	6 6 39	1°51'48	17°57	15°46	15°49	15°11	5°21	20°21	15°57	18°33	2°12	23°36	23°55	9°44	6°12	M18
T 19	6 10 35	2°52'59	0♉15	15°25	17° 5	15°38	5°34	20°25	15°57	18°36	2°14	23°33	23°52	9°50	6° 8	T 19
W20	6 14 32	3°54'10	12°52	15°13	18°20	16° 5	5°47	20°29	15°D57	18°38	2°16	23°28	23°49	9°57	6° 4	W20
T 21	6 18 28	4°55'20	25°54	15°D10	19°35	16°33	5°59	20°32	15°57	18°40	2°18	23°20	23°46	10° 4	6° 0	T 21
F 22	6 22 25	5°56'29	9♊21	15°16	20°50	17° 1	6°12	20°36	15°57	18°42	2°20	23° 9	23°42	10°10	5°55	F 22
S 23	6 26 21	6°57'38	23°12	15°29	22° 5	17°29	6°25	20°39	15°58	18°44	2°22	22°57	23°39	10°17	5°51	S 23
S 24	6 30 18	7°58'47	7♋24	15°51	23°20	17°57	6°37	20°42	15°58	18°47	2°24	22°45	23°36	10°24	5°47	S 24
M25	6 34 14	8°59'55	21°51	16°18	24°36	18°25	6°50	20°45	15°58	18°49	2°26	22°34	23°33	10°30	5°43	M25
T 26	6 38 11	10° 1'03	6♌27	16°52	25°51	18°54	7° 2	20°48	15°58	18°51	2°28	22°25	23°30	10°37	5°39	T 26
W27	6 42 8	11° 2'10	21° 5	17°31	27° 6	19°23	7°15	20°51	15°59	18°53	2°30	22°19	23°27	10°44	5°35	W27
T 28	6 46 4	12° 3'17	5♍37	18°15	28°21	19°52	7°27	20°54	15°59	18°56	2°32	22°15	23°23	10°50	5°31	T 28
F 29	6 50 1	13° 4'24	20° 0	19° 4	29°36	20°21	7°39	20°57	15°59	18°58	2°34	22°D14	23°20	10°57	5°26	F 29
S 30	6 53 57	14° 5'30	4♎11	19°56	0♒51	20°51	7°51	21° 0	16° 0	19° 0	2°36	22°15	23°17	11° 4	5°22	S 30
S 31	6 57 54	15♑ 6'36	18♎ 8	20♐52	2♒ 6	21♈20	8♐ 4	21♎ 2	16♈ 1	19♑ 3	2♐38	22°R15	23♍14	11♓10	5♋18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s40	6n51	1s24	24s 1	0s27	24s11	0s44	3n28	0n11	20s 1	0n36	5s18	2n24	5n48	0s37	21s59	0n22	10s50	9n57	1n52	2n 4	7s16	17n21	6s 1
S 2	22 47	2 30	0 11	23 44	0 10	24 16	0 47	3 38	0 13	20 3	0 36	5 20	2 24	5 48	0 37	21 59	0 22	10 50	9 57	1 52	2 5	7 15	17 21	6 2
S 3	22 53	1s57	1n 3	23 26	0n 8	24 20	0 49	3 49	0 15	20 6	0 36	5 22	2 24	5 48	0 36	21 58	0 22	10 51	9 57	1 53	2 7	7 13	17 21	6 2
M 4	22 59	6 16	2 13	23 7	0 27	24 24	0 51	3 59	0 17	20 9	0 36	5 23	2 24	5 47	0 36	21 58	0 22	10 51	9 57	1 53	2 8	7 11	17 21	6 2
T 5	23 4	10 14	3 14	22 47	0 47	24 27	0 53	4 10	0 18	20 12	0 36	5 25	2 24	5 47	0 36	21 58	0 22	10 52	9 57	1 55	2 9	7 10	17 21	6 2
W 6	23 9	13 36	4 3	22 27	1 7	24 28	0 55	4 20	0 20	20 14	0 35	5 26	2 25	5 47	0 36	21 58	0 22	10 52	9 57	1 58	2 10	7 8	17 20	6 3
T 7	23 14	16 12	4 37	22 6	1 27	24 30	0 57	4 31	0 21	20 17	0 35	5 28	2 25	5 47	0 36	21 57	0 22	10 53	9 57	2 3	2 12	7 6	17 20	6 3
F 8	23 18	17 52	4 56	21 45	1 46	24 30	0 59	4 42	0 23	20 19	0 35	5 30	2 25	5 46	0 36	21 57	0 22	10 53	9 57	2 8	2 13	7 5	17 20	6 3
S 9	23 22	18 34	4 59	21 25	2 4	24 30	1 1	4 53	0 25	20 22	0 35	5 31	2 25	5 46	0 36	21 57	0 22	10 53	9 57	2 13	2 14	7 3	17 20	6 4
S 10	23 25	18 18	4 47	21 5	2 21	24 29	1 2	5 4	0 26	20 25	0 35	5 33	2 25	5 46	0 36	21 57	0 22	10 54	9 57	2 19	2 16	7 1	17 20	6 4
M11	23 28	17 7	4 20	20 46	2 35	24 27	1 4	5 15	0 28	20 27	0 35	5 34	2 26	5 46	0 36	21 56	0 22	10 54	9 57	2 24	2 17	6 59	17 20	6 4
T 12	23 30	15 10	3 42	20 29	2 48	24 24	1 6	5 26	0 29	20 30	0 35	5 35	2 26	5 46	0 36	21 56	0 22	10 55	9 57	2 28	2 18	6 58	17 20	6 4
W13	23 31	12 35	2 54	20 14	2 58	24 21	1 8	5 37	0 30	20 32	0 35	5 37	2 26	5 46	0 36	21 56	0 22	10 55	9 57	2 30	2 19	6 56	17 20	6 4
T 14	23 33	9 30	1 59	20 1	3 6	24 16	1 9	5 49	0 32	20 35	0 35	5 38	2 26	5 46	0 36	21 55	0 22	10 55	9 57	2 32	2 21	6 54	17 20	6 5
F 15	23 34	6 4	1 0	19 50	3 11	24 12	1 11	6 0	0 33	20 37	0 35	5 40	2 27	5 46	0 36	21 55	0 22	10 56	9 57	2 33	2 22	6 53	17 20	6 5
S 16	23 34	2 25	0s 2	19 43	3 14	24 6	1 13	6 12	0 34	20 39	0 35	5 41	2 27	5 45	0 36	21 55	0 22	10 56	9 57	2 33	2 23	6 51	17 20	6 5
S 17	23 34	1n22	1 5	19 38	3 14	23 59	1 14	6 23	0 36	20 42	0 35	5 42	2 27	5 45	0 36	21 55	0 22	10 56	9 57	2 33	2 24	6 49	17 20	6 5
M18	23 33	5 9	2 5	19 36	3 13	23 52	1 16	6 35	0 37	20 44	0 35	5 43	2 27	5 45	0 36	21 54	0 22	10 57	9 57	2 33	2 26	6 47	17 20	6 5
T 19	23 32	8 47	3 1	19 36	3 11	23 44	1 17	6 46	0 38	20 46	0 35	5 44	2 28	5 45	0 36	21 54	0 22	10 57	9 58	2 34	2 27	6 46	17 20	6 5
W20	23 30	12 8	3 50	19 39	3 6	23 36	1 18	6 58	0 39	20 49	0 35	5 46	2 28	5 45	0 36	21 54	0 22	10 57	9 58	2 37	2 28	6 44	17 20	6 6
T 21	23 28	14 59	4 28	19 44	3 1	23 26	1 20	7 10	0 41	20 51	0 35	5 47	2 28	5 45	0 36	21 53	0 22	10 57	9 58	2 40	2 29	6 42	17 20	6 6
F 22	23 26	17 9	4 53	19 51	2 55	23 16	1 21	7 21	0 42	20 53	0 35	5 48	2 28	5 46	0 36	21 53	0 22	10 58	9 58	2 44	2 31	6 41	17 20	6 6
S 23	23 23	18 22	5 1	20 0	2 48	23 6	1 22	7 33	0 43	20 55	0 35	5 49	2 28	5 46	0 36	21 53	0 22	10 58	9 58	2 49	2 32	6 39	17 21	6 6
S 24	23 19	18 30	4 52	20 10	2 40	22 54	1 23	7 45	0 44	20 58	0 35	5 50	2 29	5 46	0 36	21 53	0 22	10 58	9 58	2 53	2 33	6 37	17 21	6 6
M25	23 15	17 27	4 23	20 21	2 31	22 42	1 24	7 57	0 45	21 0	0 35	5 51	2 29	5 46	0 36	21 52	0 22	10 59	9 58	2 58	2 35	6 35	17 21	6 6
T 26	23 11	15 15	3 38	20 33	2 23	22 29	1 25	8 9	0 46	21 2	0 35	5 52	2 29	5 46	0 36	21 52	0 22	10 59	9 58	3 1	2 36	6 34	17 21	6 6
W27	23 6	12 4	2 38	20 46	2 14	22 16	1 26	8 21	0 47	21 4	0 34	5 53	2 29	5 46	0 36	21 52	0 22	10 59	9 58	3 4	2 37	6 32	17 21	6 6
T 28	23 1	8 9	1 27	20 59	2 4	22 2	1 27	8 33	0 48	21 6	0 34	5 53	2 30	5 46	0 36	21 51	0 22	10 59	9 58	3 5	2 38	6 30	17 21	6 6
F 29	22 55	3 48	0 12	21 12	1 55	21 47	1 28	8 45	0 49	21 8	0 34	5 54	2 30	5 47	0 36	21 51	0 22	11 0	9 59	3 6	2 40	6 29	17 21	6 6
S 30	22 49	0s42	1n 3	21 26	1 45	21 31	1 29	8 57	0 50	21 10	0 34	5 55	2 30	5 47	0 35	21 51	0 22	11 0	9 59	3 6	2 41	6 27	17 21	6 6
S 31	22s42	5s 6	2n13	21s39	1n36	21s15	1s30	9n 9	0n51	21s12	0n34	5s56	2n30	5n47	0s35	21s50	0n22	11s 0	9n59	3n 5	2n42	6s25	17n22	6s 6

Julian Day Number = 2090294.5, Delta T = 23m31s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'16, Lahiri = 10°04'16 Julian Calendar 1 Dec. 1010 == Greg. Calendar 7 Dec. 1010

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

JANUARY 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 1 50	16♉ 7'41	1♏53	21♐51	3♒21	21♈50	8♐16	21♎ 5	16♈ 1	19♉ 5	2♐39	22°R14	23♍11	11♓17	5°R14	M 1
T 2	7 5 47	17° 8'46	15°25	22°53	4°36	22°20	8°28	21° 7	16° 2	19° 7	2°41	22♍10	23° 7	11°23	5♋10	T 2
W 3	7 9 43	18° 9'51	28°46	23°58	5°51	22°50	8°40	21°10	16° 3	19° 9	2°43	22° 4	23° 4	11°30	5° 6	W 3
T 4	7 13 40	19°10'55	11♐54	25° 5	7° 6	23°21	8°52	21°12	16° 3	19°12	2°45	21°56	23° 1	11°37	5° 2	T 4
F 5	7 17 37	20°11'58	24°52	26°14	8°21	23°51	9° 3	21°14	16° 4	19°14	2°46	21°45	22°58	11°43	4°58	F 5
S 6	7 21 33	21°13'00	7♉37	27°26	9°36	24°22	9°15	21°16	16° 5	19°16	2°48	21°33	22°55	11°50	4°54	S 6
S 7	7 25 30	22°14'02	20°10	28°39	10°51	24°53	9°27	21°18	16° 6	19°18	2°50	21°22	22°52	11°57	4°50	S 7
M 8	7 29 26	23°15'02	2♒31	29°53	12° 6	25°24	9°39	21°20	16° 7	19°21	2°52	21°11	22°48	12° 3	4°46	M 8
T 9	7 33 23	24°16'02	14°40	1♉10	13°21	25°55	9°50	21°21	16° 8	19°23	2°53	21° 3	22°45	12°10	4°42	T 9
W10	7 37 19	25°17'00	26°40	2°27	14°36	26°26	10° 2	21°23	16° 9	19°25	2°55	20°57	22°42	12°17	4°39	W10
T 11	7 41 16	26°17'57	8♓31	3°46	15°51	26°58	10°13	21°24	16°10	19°28	2°56	20°54	22°39	12°23	4°35	T 11
F 12	7 45 12	27°18'53	20°18	5° 7	17° 6	27°29	10°24	21°26	16°11	19°30	2°58	20°D53	22°36	12°30	4°31	F 12
S 13	7 49 9	28°19'48	2♈ 4	6°28	18°20	28° 1	10°35	21°27	16°13	19°32	2°59	20°54	22°32	12°37	4°27	S 13
S 14	7 53 6	29°20'41	13°55	7°51	19°35	28°33	10°47	21°28	16°14	19°34	3° 1	20°55	22°29	12°43	4°24	S 14
M15	7 57 2	0♒21'32	25°55	9°15	20°50	29° 5	10°58	21°29	16°15	19°37	3° 2	20°R56	22°26	12°50	4°20	M15
T 16	8 0 59	1°22'23	8♉ 9	10°39	22° 5	29°37	11° 9	21°30	16°17	19°39	3° 4	20°56	22°23	12°57	4°17	T 16
W17	8 4 55	2°23'11	20°44	12° 5	23°19	0♉ 9	11°19	21°31	16°18	19°41	3° 5	20°54	22°20	13° 3	4°13	W17
T 18	8 8 52	3°23'58	3♊43	13°32	24°34	0°42	11°30	21°32	16°19	19°43	3° 7	20°50	22°17	13°10	4°10	T 18
F 19	8 12 48	4°24'44	17° 9	14°59	25°49	1°14	11°41	21°33	16°21	19°46	3° 8	20°44	22°13	13°17	4° 6	F 19
S 20	8 16 45	5°25'28	1♋ 4	16°28	27° 3	1°47	11°51	21°33	16°23	19°48	3° 9	20°37	22°10	13°23	4° 3	S 20
S 21	8 20 41	6°26'10	15°24	17°57	28°18	2°20	12° 2	21°34	16°24	19°50	3°11	20°30	22° 7	13°30	4° 0	S 21
M22	8 24 38	7°26'51	0♌ 6	19°27	29°33	2°52	12°12	21°34	16°26	19°52	3°12	20°23	22° 4	13°36	3°57	M22
T 23	8 28 35	8°27'30	15° 3	20°59	0♓47	3°25	12°23	21°34	16°28	19°54	3°13	20°17	22° 1	13°43	3°53	T 23
W24	8 32 31	9°28'08	0♍ 4	22°31	2° 2	3°58	12°33	21°34	16°29	19°57	3°14	20°14	21°58	13°50	3°50	W24
T 25	8 36 28	10°28'45	15° 2	24° 4	3°16	4°31	12°43	21°R34	16°31	19°59	3°16	20°D12	21°54	13°56	3°47	T 25
F 26	8 40 24	11°29'20	29°48	25°38	4°30	5° 4	12°53	21°34	16°33	20° 1	3°17	20°12	21°51	14° 3	3°44	F 26
S 27	8 44 21	12°29'54	14♎18	27°12	5°45	5°38	13° 3	21°34	16°35	20° 3	3°18	20°14	21°48	14°10	3°41	S 27
S 28	8 48 17	13°30'26	28°28	28°48	6°59	6°11	13°13	21°34	16°37	20° 5	3°19	20°15	21°45	14°16	3°39	S 28
M29	8 52 14	14°30'58	12♏17	0♒24	8°14	6°44	13°22	21°33	16°39	20° 7	3°20	20°R16	21°42	14°23	3°36	M29
T 30	8 56 10	15°31'28	25°46	2° 2	9°28	7°18	13°32	21°33	16°41	20° 9	3°21	20°15	21°38	14°30	3°33	T 30
W31	9 0 7	16♒31'56	8♐57	3♒40	10♓42	7♉52	13♐41	21♎32	16♈43	20♉11	3♐22	20♍13	21♍35	14♓36	3♋31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s35	9s 9	3n15	21s53	1n26	20s58	1s30	9n21	0n52	21s14	0n34	5s56	2n31	5n47	0s35	21s50	0n22	11s 0	9n59	3n 6	2n43	6s23	17n22	6s 6
T 2	22 28	12 39	4 4	22 6	1 17	20 41	1 31	9 33	0 53	21 16	0 34	5 57	2 31	5 48	0 35	21 50	0 22	11 0	9 59	3 7	2 45	6 22	17 22	6 6
W 3	22 20	15 27	4 39	22 18	1 7	20 23	1 31	9 45	0 54	21 18	0 34	5 58	2 31	5 48	0 35	21 50	0 22	11 1	9 59	3 10	2 46	6 20	17 22	6 6
T 4	22 11	17 24	4 59	22 31	0 58	20 4	1 32	9 58	0 54	21 20	0 34	5 58	2 32	5 48	0 35	21 49	0 22	11 1	9 59	3 13	2 47	6 18	17 22	6 6
F 5	22 2	18 25	5 3	22 42	0 49	19 45	1 32	10 10	0 55	21 22	0 34	5 59	2 32	5 49	0 35	21 49	0 22	11 1	9 59	3 17	2 48	6 16	17 22	6 6
S 6	21 53	18 29	4 52	22 53	0 39	19 26	1 33	10 22	0 56	21 23	0 34	5 59	2 32	5 49	0 35	21 49	0 22	11 1	10 0	3 22	2 50	6 15	17 23	6 6
S 7	21 43	17 39	4 27	23 3	0 30	19 5	1 33	10 34	0 57	21 25	0 34	6 0	2 32	5 49	0 35	21 48	0 22	11 1	10 0	3 27	2 51	6 13	17 23	6 6
M 8	21 33	15 59	3 49	23 12	0 22	18 45	1 33	10 46	0 58	21 27	0 34	6 0	2 33	5 50	0 35	21 48	0 22	11 1	10 0	3 31	2 52	6 11	17 23	6 6
T 9	21 22	13 37	3 2	23 21	0 13	18 23	1 33	10 58	0 58	21 29	0 34	6 1	2 33	5 50	0 35	21 48	0 22	11 2	10 0	3 34	2 53	6 9	17 23	6 6
W10	21 11	10 43	2 6	23 28	0 4	18 2	1 33	11 10	0 59	21 30	0 34	6 1	2 33	5 51	0 35	21 47	0 22	11 2	10 0	3 36	2 55	6 8	17 24	6 6
T 11	21 0	7 24	1 6	23 35	0s 4	17 39	1 33	11 22	1 0	21 32	0 34	6 1	2 33	5 51	0 35	21 47	0 22	11 2	10 0	3 37	2 56	6 6	17 24	6 6
F 12	20 48	3 49	0 3	23 40	0 12	17 16	1 33	11 35	1 1	21 34	0 34	6 2	2 34	5 52	0 35	21 47	0 22	11 2	10 1	3 38	2 57	6 4	17 24	6 5
S 13	20 36	0 5	1s 0	23 44	0 20	16 53	1 33	11 47	1 1	21 35	0 34	6 2	2 34	5 52	0 35	21 46	0 22	11 2	10 1	3 38	2 58	6 2	17 24	6 5
S 14	20 24	3n39	2 1	23 47	0 28	16 29	1 33	11 59	1 2	21 37	0 34	6 2	2 34	5 53	0 35	21 46	0 22	11 2	10 1	3 37	3 0	6 1	17 25	6 5
M15	20 11	7 18	2 58	23 49	0 35	16 5	1 33	12 11	1 3	21 39	0 34	6 2	2 34	5 53	0 35	21 46	0 22	11 2	10 1	3 37	3 1	5 59	17 25	6 5
T 16	19 58	10 43	3 47	23 50	0 42	15 41	1 32	12 23	1 3	21 40	0 34	6 2	2 35	5 54	0 35	21 45	0 22	11 2	10 1	3 37	3 2	5 57	17 25	6 5
W17	19 44	13 44	4 27	23 50	0 49	15 15	1 32	12 35	1 4	21 42	0 34	6 2	2 35	5 54	0 35	21 45	0 22	11 2	10 2	3 38	3 4	5 55	17 25	6 5
T 18	19 30	16 10	4 55	23 48	0 56	14 50	1 31	12 47	1 4	21 43	0 34	6 2	2 35	5 55	0 35	21 45	0 22	11 2	10 2	3 39	3 5	5 54	17 26	6 4
F 19	19 15	17 50	5 8	23 45	1 2	14 24	1 31	12 59	1 5	21 45	0 34	6 2	2 35	5 56	0 35	21 44	0 22	11 2	10 2	3 41	3 6	5 52	17 26	6 4
S 20	19 1	18 30	5 4	23 41	1 9	13 58	1 30	13 11	1 6	21 46	0 34	6 2	2 36	5 56	0 35	21 44	0 22	11 2	10 2	3 44	3 7	5 50	17 26	6 4
S 21	18 46	18 1	4 41	23 35	1 14	13 31	1 29	13 23	1 6	21 48	0 34	6 2	2 36	5 57	0 35	21 44	0 22	11 3	10 2	3 47	3 9	5 48	17 27	6 4
M22	18 30	16 21	3 58	23 28	1 20	13 4	1 29	13 35	1 7	21 49	0 34	6 2	2 36	5 58	0 35	21 44	0 22	11 3	10 3	3 50	3 10	5 47	17 27	6 4
T 23	18 15	13 33	2 59	23 20	1 26	12 37	1 28	13 46	1 7	21 50	0 34	6 2	2 37	5 58	0 35	21 43	0 22	11 3	10 3	3 52	3 11	5 45	17 27	6 3
W24	17 59	9 50	1 47	23 10	1 31	12 9	1 27	13 58	1 8	21 52	0 34	6 2	2 37	5 59	0 35	21 43	0 22	11 3	10 3	3 53	3 12	5 43	17 28	6 3
T 25	17 42	5 30	0 28	22 58	1 35	11 41	1 26	14 10	1 8	21 53	0 34	6 2	2 37	6 0	0 35	21 43	0 22	11 3	10 3	3 54	3 14	5 41	17 28	6 3
F 26	17 26	0 53	0n52	22 46	1 40	11 13	1 25	14 22	1 9	21 54	0 34	6 1	2 37	6 0	0 35	21 42	0 22	11 3	10 3	3 54	3 15	5 40	17 28	6 3
S 27	17 9	3s42	2 8	22 32	1 44	10 45	1 24	14 33	1 9	21 56	0 34	6 1	2 38	6 1	0 35	21 42	0 22	11 3	10 4	3 53	3 16	5 38	17 29	6 2
S 28	16 51	7 58	3 14	22 16	1 48	10 16	1 22	14 45	1 10	21 57	0 34	6 1	2 38	6 2	0 34	21 42	0 22	11 3	10 4	3 53	3 17	5 36	17 29	6 2
M29	16 34	11 41	4 7	21 59	1 51	9 47	1 21	14 56	1 10	21 58	0 34	6 0	2 38	6 3	0 34	21 41	0 22	11 2	10 4	3 53	3 19	5 34	17 29	6 2
T 30	16 16	14 42	4 45	21 40	1 54	9 17	1 20	15 8	1 11	21 59	0 34	6 0	2 38	6 4	0 34	21 41	0 22	11 2	10 4	3 53	3 20	5 33	17 30	6 1
W31	15s58	16s52	5n 6	21s20	1s57	8s48	1s18	15n19	1n11	22s 0	0n34	5s59	2n39	6n 4	0s34	21s41	0n22	11s 2	10n 5	3n54	3n21	5s31	17n30	6s 1

Julian Day Number = 2090325.5, Delta T = 23m30s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'20, Lahiri = 10°04'20 Julian Calendar 1 Jan. 1011 == Greg. Calendar 7 Jan. 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

FEBRUARY 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 4 4	17♒32'23	21♐51	5♒19	11♓56	8♉25	13♐51	21°R32	16♈45	20♑14	3♐23	20°R10	21♍32	14♓43	3°R28	T 1
F 2	9 8 0	18°32'49	4♑30	7° 0	13°11	8°59	14° 0	21♎31	16°47	20°16	3°24	20♍ 5	21°29	14°50	3♋26	F 2
S 3	9 11 57	19°33'14	16°57	8°41	14°25	9°33	14° 9	21°30	16°49	20°18	3°25	19°59	21°26	14°56	3°23	S 3
S 4	9 15 53	20°33'36	29°13	10°23	15°39	10° 7	14°18	21°29	16°51	20°20	3°26	19°54	21°23	15° 3	3°21	S 4
M 5	9 19 50	21°33'57	11♒20	12° 6	16°53	10°41	14°27	21°28	16°54	20°22	3°27	19°49	21°19	15° 9	3°19	M 5
T 6	9 23 46	22°34'17	23°18	13°50	18° 7	11°15	14°35	21°27	16°56	20°24	3°27	19°45	21°16	15°16	3°16	T 6
W 7	9 27 43	23°34'34	5♓11	15°35	19°21	11°49	14°44	21°25	16°58	20°26	3°28	19°43	21°13	15°23	3°14	W 7
T 8	9 31 39	24°34'50	16°59	17°21	20°35	12°23	14°53	21°24	17° 1	20°28	3°29	19°D42	21°10	15°29	3°12	T 8
F 9	9 35 36	25°35'03	28°45	19° 8	21°49	12°58	15° 1	21°22	17° 3	20°30	3°30	19°42	21° 7	15°36	3°11	F 9
S 10	9 39 33	26°35'15	10♈33	20°57	23° 3	13°32	15° 9	21°21	17° 5	20°32	3°30	19°44	21° 4	15°43	3° 9	S 10
S 11	9 43 29	27°35'24	22°25	22°46	24°17	14° 6	15°17	21°19	17° 8	20°34	3°31	19°45	21° 0	15°49	3° 7	S 11
M12	9 47 26	28°35'32	4♉26	24°36	25°30	14°41	15°25	21°17	17°10	20°35	3°31	19°47	20°57	15°56	3° 5	M12
T 13	9 51 22	29°35'37	16°40	26°27	26°44	15°15	15°33	21°15	17°13	20°37	3°32	19°48	20°54	16° 3	3° 4	T 13
W14	9 55 19	0♓35'40	29°11	28°20	27°58	15°50	15°41	21°13	17°16	20°39	3°33	19°R49	20°51	16° 9	3° 2	W14
T 15	9 59 15	1°35'41	12♊ 4	0♓13	29°11	16°25	15°48	21°11	17°18	20°41	3°33	19°48	20°48	16°16	3° 1	T 15
F 16	10 3 12	2°35'40	25°23	2° 7	0♈25	16°59	15°56	21° 9	17°21	20°43	3°34	19°47	20°44	16°23	3° 0	F 16
S 17	10 7 8	3°35'37	9♋ 9	4° 3	1°39	17°34	16° 3	21° 7	17°24	20°45	3°34	19°45	20°41	16°29	2°58	S 17
S 18	10 11 5	4°35'31	23°23	5°59	2°52	18° 9	16°10	21° 5	17°26	20°46	3°34	19°43	20°38	16°36	2°57	S 18
M19	10 15 2	5°35'23	8♌ 3	7°56	4° 5	18°44	16°17	21° 2	17°29	20°48	3°35	19°42	20°35	16°43	2°56	M19
T 20	10 18 58	6°35'13	23° 2	9°53	5°19	19°19	16°24	21° 0	17°32	20°50	3°35	19°40	20°32	16°49	2°55	T 20
W21	10 22 55	7°35'01	8♍12	11°52	6°32	19°54	16°31	20°57	17°35	20°52	3°35	19°39	20°29	16°56	2°54	W21
T 22	10 26 51	8°34'47	23°25	13°50	7°45	20°29	16°37	20°54	17°37	20°53	3°36	19°D39	20°25	17° 2	2°54	T 22
F 23	10 30 48	9°34'30	8♎31	15°49	8°59	21° 4	16°43	20°52	17°40	20°55	3°36	19°40	20°22	17° 9	2°53	F 23
S 24	10 34 44	10°34'12	23°20	17°48	10°12	21°39	16°50	20°49	17°43	20°57	3°36	19°40	20°19	17°16	2°52	S 24
S 25	10 38 41	11°33'53	7♏48	19°47	11°25	22°14	16°56	20°46	17°46	20°58	3°36	19°41	20°16	17°22	2°52	S 25
M26	10 42 37	12°33'31	21°51	21°45	12°38	22°49	17° 2	20°43	17°49	21° 0	3°36	19°42	20°13	17°29	2°51	M26
T 27	10 46 34	13°33'08	5♐28	23°43	13°51	23°24	17° 8	20°40	17°52	21° 1	3°36	19°42	20° 9	17°36	2°51	T 27
W28	10 50 30	14♓32'43	18♐40	25♓40	15♈ 4	24♉ 0	17♐13	20♎37	17♈55	21♑ 3	3♐37	19°R42	20♍ 6	17♓42	2♋51	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s39	18s 7	5n12	20s58	2s 0	8s18	1s17	15n31	1n12	22s 1	0n34	5s59	2n39	6n 5	0s34	21s40	0n22	11s 2	10n 5	3n55	3n22	5s29	17n30	6s 1
F 2	15 21	18 27	5 3	20 35	2 2	7 48	1 15	15 42	1 12	22 3	0 34	5 58	2 39	6 6	0 34	21 40	0 22	11 2	10 5	3 57	3 24	5 27	17 31	6 0
S 3	15 2	17 52	4 39	20 10	2 3	7 18	1 14	15 53	1 12	22 4	0 34	5 58	2 39	6 7	0 34	21 40	0 22	11 2	10 5	3 59	3 25	5 26	17 31	6 0
S 4	14 43	16 28	4 2	19 44	2 5	6 48	1 12	16 5	1 13	22 5	0 34	5 57	2 40	6 8	0 34	21 40	0 22	11 2	10 5	4 1	3 26	5 24	17 32	6 0
M 5	14 23	14 20	3 15	19 16	2 5	6 17	1 10	16 16	1 13	22 6	0 34	5 56	2 40	6 9	0 34	21 39	0 22	11 2	10 6	4 3	3 27	5 22	17 32	5 59
T 6	14 4	11 37	2 20	18 46	2 6	5 46	1 8	16 27	1 14	22 7	0 34	5 56	2 40	6 10	0 34	21 39	0 22	11 2	10 6	4 5	3 29	5 20	17 32	5 59
W 7	13 44	8 26	1 19	18 15	2 6	5 15	1 7	16 38	1 14	22 8	0 34	5 55	2 40	6 11	0 34	21 39	0 22	11 2	10 6	4 6	3 30	5 18	17 33	5 59
T 8	13 24	4 56	0 15	17 42	2 5	4 44	1 5	16 49	1 14	22 9	0 34	5 54	2 41	6 11	0 34	21 38	0 22	11 2	10 6	4 6	3 31	5 17	17 33	5 58
F 9	13 4	1 15	0s50	17 8	2 5	4 13	1 3	17 0	1 15	22 10	0 34	5 54	2 41	6 12	0 34	21 38	0 22	11 2	10 7	4 6	3 32	5 15	17 34	5 58
S 10	12 43	2n28	1 53	16 32	2 3	3 42	1 1	17 10	1 15	22 11	0 34	5 53	2 41	6 13	0 34	21 38	0 22	11 2	10 7	4 5	3 34	5 13	17 34	5 58
S 11	12 22	6 7	2 51	15 55	2 1	3 11	0 59	17 21	1 15	22 11	0 34	5 52	2 41	6 14	0 34	21 38	0 22	11 1	10 7	4 5	3 35	5 11	17 34	5 57
M12	12 2	9 34	3 43	15 15	1 59	2 39	0 56	17 32	1 16	22 12	0 34	5 51	2 42	6 15	0 34	21 37	0 22	11 1	10 7	4 4	3 36	5 10	17 35	5 57
T 13	11 40	12 40	4 25	14 35	1 56	2 8	0 54	17 42	1 16	22 13	0 34	5 50	2 42	6 16	0 34	21 37	0 22	11 1	10 8	4 4	3 38	5 8	17 35	5 57
W14	11 19	15 15	4 56	13 53	1 53	1 36	0 52	17 53	1 16	22 14	0 34	5 49	2 42	6 17	0 34	21 37	0 22	11 1	10 8	4 3	3 39	5 6	17 36	5 56
T 15	10 58	17 10	5 14	13 9	1 49	1 5	0 50	18 3	1 17	22 15	0 34	5 48	2 42	6 18	0 34	21 36	0 22	11 1	10 8	4 3	3 40	5 4	17 36	5 56
F 16	10 36	18 14	5 15	12 24	1 44	0 33	0 47	18 13	1 17	22 16	0 34	5 47	2 43	6 19	0 34	21 36	0 22	11 1	10 8	4 4	3 41	5 3	17 37	5 55
S 17	10 15	18 17	4 59	11 37	1 39	0 2	0 45	18 24	1 17	22 16	0 34	5 46	2 43	6 20	0 34	21 36	0 22	11 1	10 9	4 5	3 43	5 1	17 37	5 55
S 18	9 53	17 11	4 24	10 49	1 34	0n30	0 42	18 34	1 17	22 17	0 34	5 45	2 43	6 22	0 34	21 36	0 22	11 0	10 9	4 5	3 44	4 59	17 37	5 55
M19	9 31	14 57	3 31	9 59	1 27	1 2	0 40	18 44	1 18	22 18	0 34	5 44	2 43	6 23	0 34	21 35	0 22	11 0	10 9	4 6	3 45	4 57	17 38	5 54
T 20	9 8	11 40	2 23	9 9	1 21	1 33	0 37	18 54	1 18	22 19	0 34	5 43	2 43	6 24	0 34	21 35	0 22	11 0	10 9	4 7	3 46	4 55	17 38	5 54
W21	8 46	7 34	1 3	8 17	1 13	2 5	0 35	19 4	1 18	22 19	0 34	5 41	2 44	6 25	0 34	21 35	0 22	11 0	10 10	4 7	3 48	4 54	17 39	5 53
T 22	8 24	2 57	0n21	7 24	1 5	2 36	0 32	19 13	1 18	22 20	0 34	5 40	2 44	6 26	0 34	21 35	0 22	11 0	10 10	4 7	3 49	4 52	17 39	5 53
F 23	8 1	1s49	1 43	6 30	0 57	3 8	0 29	19 23	1 19	22 21	0 34	5 39	2 44	6 27	0 34	21 34	0 22	10 59	10 10	4 7	3 50	4 50	17 40	5 52
S 24	7 39	6 23	2 57	5 35	0 48	3 39	0 27	19 32	1 19	22 21	0 34	5 38	2 44	6 28	0 34	21 34	0 22	10 59	10 10	4 7	3 51	4 48	17 40	5 52
S 25	7 16	10 27	3 57	4 39	0 38	4 10	0 24	19 42	1 19	22 22	0 34	5 37	2 44	6 29	0 34	21 34	0 22	10 59	10 11	4 6	3 53	4 46	17 40	5 52
M26	6 53	13 48	4 41	3 43	0 28	4 42	0 21	19 51	1 19	22 22	0 34	5 35	2 45	6 30	0 34	21 34	0 22	10 59	10 11	4 6	3 54	4 45	17 41	5 51
T 27	6 30	16 16	5 8	2 46	0 17	5 13	0 18	20 0	1 19	22 23	0 34	5 34	2 45	6 32	0 34	21 33	0 22	10 59	10 11	4 6	3 55	4 43	17 41	5 51
W28	6s 7	17s48	5n18	1s50	0s 6	5n44	0s15	20n 9	1n20	22s23	0n34	5s33	2n45	6n33	0s34	21s33	0n22	10s58	10n11	4n 6	3n56	4s41	17n42	5s50

Julian Day Number = 2090356.5, Delta T = 23m30s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'24, Lahiri = 10°04'25 Julian Calendar 1 Feb. 1011 == Greg. Calendar 7 Feb. 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

MARCH 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 54 27	15♓32'16	1♉31	27♓35	16♈17	24♉35	17♐19	20°R33	17♈58	21♉ 4	3°R37	19°R42	20♍ 3	17♓49	2°R51	T 1
F 2	10 58 24	16°31'47	14° 2	29°28	17°29	25°10	17°24	20♎30	18° 1	21° 6	3♐37	19♍42	20° 0	17°56	2°D51	F 2
S 3	11 2 20	17°31'17	26°18	1♈20	18°42	25°46	17°29	20°27	18° 4	21° 7	3°37	19°41	19°57	18° 2	2♋51	S 3
S 4	11 6 17	18°30'44	8♒23	3° 8	19°55	26°21	17°34	20°23	18° 7	21° 9	3°36	19°41	19°54	18° 9	2°51	S 4
M 5	11 10 13	19°30'10	20°19	4°54	21° 7	26°57	17°39	20°20	18°10	21°10	3°36	19°D41	19°50	18°16	2°51	M 5
T 6	11 14 10	20°29'33	2♓10	6°36	22°20	27°32	17°43	20°16	18°13	21°12	3°36	19°41	19°47	18°22	2°52	T 6
W 7	11 18 6	21°28'55	13°57	8°14	23°33	28° 8	17°48	20°12	18°17	21°13	3°36	19°R41	19°44	18°29	2°52	W 7
T 8	11 22 3	22°28'15	25°44	9°47	24°45	28°43	17°52	20° 9	18°20	21°14	3°36	19°41	19°41	18°35	2°53	T 8
F 9	11 25 59	23°27'32	7♈33	11°16	25°57	29°19	17°56	20° 5	18°23	21°16	3°36	19°41	19°38	18°42	2°53	F 9
S 10	11 29 56	24°26'47	19°25	12°40	27°10	29°55	18° 0	20° 1	18°26	21°17	3°35	19°40	19°35	18°49	2°54	S 10
S 11	11 33 53	25°26'00	1♉24	13°58	28°22	0♊30	18° 4	19°57	18°29	21°18	3°35	19°40	19°31	18°55	2°55	S 11
M12	11 37 49	26°25'11	13°31	15°11	29°34	1° 6	18° 8	19°53	18°33	21°19	3°35	19°39	19°28	19° 2	2°56	M12
T 13	11 41 46	27°24'20	25°50	16°18	0♉46	1°42	18°11	19°49	18°36	21°21	3°34	19°38	19°25	19° 9	2°57	T 13
W14	11 45 42	28°23'26	8♊23	17°18	1°58	2°17	18°14	19°45	18°39	21°22	3°34	19°37	19°22	19°15	2°58	W14
T 15	11 49 39	29°22'30	21°15	18°12	3°10	2°53	18°17	19°41	18°42	21°23	3°33	19°37	19°19	19°22	2°59	T 15
F 16	11 53 35	0♈21'32	4♋28	19° 0	4°22	3°29	18°20	19°37	18°46	21°24	3°33	19°D37	19°15	19°29	3° 0	F 16
S 17	11 57 32	1°20'31	18° 4	19°41	5°34	4° 5	18°23	19°33	18°49	21°25	3°33	19°37	19°12	19°35	3° 1	S 17
S 18	12 1 28	2°19'28	2♌ 5	20°15	6°45	4°41	18°26	19°28	18°52	21°26	3°32	19°38	19° 9	19°42	3° 3	S 18
M19	12 5 25	3°18'23	16°30	20°42	7°57	5°17	18°28	19°24	18°56	21°27	3°31	19°39	19° 6	19°49	3° 4	M19
T 20	12 9 22	4°17'15	1♍16	21° 3	9° 8	5°53	18°30	19°20	18°59	21°28	3°31	19°40	19° 3	19°55	3° 6	T 20
W21	12 13 18	5°16'05	16°18	21°17	10°20	6°28	18°32	19°16	19° 3	21°29	3°30	19°R40	19° 0	20° 2	3° 8	W21
T 22	12 17 15	6°14'53	1♎28	21°24	11°31	7° 4	18°34	19°11	19° 6	21°30	3°30	19°40	18°56	20° 8	3°10	T 22
F 23	12 21 11	7°13'38	16°37	21°R24	12°43	7°40	18°35	19° 7	19° 9	21°31	3°29	19°39	18°53	20°15	3°11	F 23
S 24	12 25 8	8°12'22	1♏36	21°19	13°54	8°16	18°37	19° 2	19°13	21°32	3°28	19°37	18°50	20°22	3°13	S 24
S 25	12 29 4	9°11'04	16°16	21° 7	15° 5	8°52	18°38	18°58	19°16	21°33	3°27	19°35	18°47	20°28	3°15	S 25
M26	12 33 1	10° 9'44	0♐31	20°50	16°16	9°28	18°39	18°54	19°19	21°33	3°27	19°32	18°44	20°35	3°18	M26
T 27	12 36 57	11° 8'23	14°18	20°27	17°27	10° 4	18°40	18°49	19°23	21°34	3°26	19°29	18°41	20°42	3°20	T 27
W28	12 40 54	12° 6'59	27°38	20° 0	18°38	10°41	18°41	18°45	19°26	21°35	3°25	19°28	18°37	20°48	3°22	W28
T 29	12 44 50	13° 5'34	10♑32	19°28	19°48	11°17	18°41	18°40	19°30	21°36	3°24	19°D27	18°34	20°55	3°24	T 29
F 30	12 48 47	14° 4'08	23° 4	18°53	20°59	11°53	18°42	18°36	19°33	21°36	3°23	19°27	18°31	21° 2	3°27	F 30
S 31	12 52 44	15♈ 2'39	5♒17	18♈16	22♉ 9	12♊29	18°R42	18♎31	19♈37	21♑37	3♐23	19♍28	18♍28	21♓ 8	3♋30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s44	18s22	5n11	0s53	0n 5	6n15	0s12	20n18	1n20	22s24	0n34	5s31	2n45	6n34	0s34	21s33	0n22	10s58	10n12	4n 6	3n58	4s39	17n42	5s50
F 2	5 21	18 1	4 50	0n 3	0 17	6 46	0 9	20 27	1 20	22 25	0 34	5 30	2 45	6 35	0 34	21 33	0 22	10 58	10 12	4 6	3 59	4 38	17 43	5 49
S 3	4 57	16 49	4 16	0 59	0 29	7 16	0 6	20 36	1 20	22 25	0 33	5 28	2 46	6 36	0 34	21 32	0 22	10 58	10 12	4 6	4 0	4 36	17 43	5 49
S 4	4 34	14 53	3 30	1 53	0 42	7 47	0 3	20 44	1 20	22 25	0 33	5 27	2 46	6 38	0 34	21 32	0 22	10 57	10 12	4 6	4 1	4 34	17 44	5 49
M 5	4 11	12 19	2 36	2 47	0 54	8 17	0 0	20 53	1 20	22 26	0 33	5 25	2 46	6 39	0 34	21 32	0 22	10 57	10 13	4 6	4 3	4 32	17 44	5 48
T 6	3 47	9 16	1 36	3 39	1 7	8 47	0n 3	21 1	1 21	22 26	0 33	5 24	2 46	6 40	0 34	21 32	0 22	10 57	10 13	4 6	4 4	4 30	17 44	5 48
W 7	3 24	5 51	0 32	4 29	1 19	9 17	0 6	21 10	1 21	22 27	0 33	5 22	2 46	6 41	0 34	21 32	0 22	10 57	10 13	4 6	4 5	4 29	17 45	5 47
T 8	3 0	2 13	0s34	5 18	1 31	9 47	0 9	21 18	1 21	22 27	0 33	5 21	2 46	6 42	0 33	21 31	0 22	10 56	10 13	4 6	4 6	4 27	17 45	5 47
F 9	2 37	1n31	1 38	6 4	1 43	10 16	0 12	21 26	1 21	22 28	0 33	5 19	2 46	6 44	0 33	21 31	0 22	10 56	10 14	4 6	4 8	4 25	17 46	5 46
S 10	2 13	5 12	2 38	6 47	1 55	10 45	0 15	21 34	1 21	22 28	0 33	5 18	2 47	6 45	0 33	21 31	0 22	10 56	10 14	4 7	4 9	4 23	17 46	5 46
S 11	1 49	8 43	3 32	7 28	2 6	11 14	0 19	21 41	1 21	22 28	0 33	5 16	2 47	6 46	0 33	21 31	0 22	10 55	10 14	4 7	4 10	4 21	17 47	5 45
M12	1 26	11 54	4 17	8 7	2 17	11 43	0 22	21 49	1 21	22 29	0 33	5 15	2 47	6 47	0 33	21 31	0 22	10 55	10 14	4 7	4 11	4 20	17 47	5 45
T 13	1 2	14 36	4 51	8 42	2 27	12 12	0 25	21 56	1 22	22 29	0 33	5 13	2 47	6 49	0 33	21 30	0 22	10 55	10 14	4 8	4 13	4 18	17 47	5 45
W14	0 39	16 41	5 12	9 14	2 36	12 40	0 28	22 4	1 22	22 29	0 33	5 11	2 47	6 50	0 33	21 30	0 22	10 55	10 15	4 8	4 14	4 16	17 48	5 44
T 15	0 15	18 0	5 17	9 43	2 45	13 8	0 31	22 11	1 22	22 29	0 33	5 10	2 47	6 51	0 33	21 30	0 22	10 54	10 15	4 8	4 15	4 14	17 48	5 44
F 16	0n 9	18 22	5 7	10 8	2 52	13 35	0 35	22 18	1 22	22 30	0 33	5 8	2 47	6 52	0 33	21 30	0 22	10 54	10 15	4 8	4 16	4 12	17 49	5 43
S 17	0 32	17 43	4 39	10 30	2 59	14 2	0 38	22 25	1 22	22 30	0 33	5 6	2 47	6 54	0 33	21 30	0 22	10 54	10 15	4 8	4 18	4 11	17 49	5 43
S 18	0 56	15 59	3 55	10 48	3 4	14 29	0 41	22 32	1 22	22 30	0 33	5 5	2 48	6 55	0 33	21 29	0 22	10 53	10 16	4 8	4 19	4 9	17 50	5 42
M19	1 19	13 13	2 54	11 2	3 9	14 56	0 44	22 38	1 22	22 30	0 33	5 3	2 48	6 56	0 33	21 29	0 22	10 53	10 16	4 7	4 20	4 7	17 50	5 42
T 20	1 43	9 31	1 40	11 13	3 12	15 22	0 48	22 45	1 22	22 31	0 33	5 1	2 48	6 58	0 33	21 29	0 22	10 53	10 16	4 7	4 21	4 5	17 50	5 41
W21	2 6	5 9	0 19	11 20	3 14	15 48	0 51	22 51	1 22	22 31	0 33	4 59	2 48	6 59	0 33	21 29	0 22	10 52	10 16	4 7	4 23	4 3	17 51	5 41
T 22	2 30	0 24	1n 5	11 23	3 15	16 14	0 54	22 58	1 22	22 31	0 33	4 58	2 48	7 0	0 33	21 29	0 22	10 52	10 16	4 7	4 24	4 1	17 51	5 41
F 23	2 53	4s21	2 24	11 23	3 14	16 39	0 57	23 4	1 22	22 31	0 33	4 56	2 48	7 1	0 33	21 29	0 22	10 52	10 17	4 7	4 25	4 0	17 52	5 40
S 24	3 16	8 47	3 32	11 18	3 11	17 3	1 1	23 9	1 22	22 31	0 33	4 54	2 48	7 3	0 33	21 29	0 22	10 52	10 17	4 8	4 26	3 58	17 52	5 40
S 25	3 40	12 34	4 24	11 10	3 8	17 28	1 4	23 15	1 23	22 31	0 33	4 53	2 48	7 4	0 33	21 28	0 22	10 51	10 17	4 9	4 28	3 56	17 52	5 39
M26	4 3	15 30	4 59	10 59	3 2	17 51	1 7	23 21	1 23	22 31	0 33	4 51	2 48	7 5	0 33	21 28	0 22	10 51	10 17	4 10	4 29	3 54	17 53	5 39
T 27	4 26	17 26	5 15	10 44	2 56	18 15	1 10	23 26	1 23	22 32	0 33	4 49	2 48	7 7	0 33	21 28	0 22	10 51	10 17	4 11	4 30	3 52	17 53	5 38
W28	4 49	18 20	5 13	10 26	2 47	18 38	1 13	23 32	1 23	22 32	0 33	4 47	2 48	7 8	0 33	21 28	0 22	10 50	10 18	4 12	4 31	3 51	17 53	5 38
T 29	5 12	18 15	4 55	10 5	2 38	19 0	1 16	23 37	1 23	22 32	0 33	4 46	2 48	7 9	0 33	21 28	0 22	10 50	10 18	4 12	4 33	3 49	17 54	5 38
F 30	5 35	17 15	4 23	9 42	2 27	19 22	1 19	23 42	1 23	22 32	0 33	4 44	2 48	7 11	0 33	21 28	0 22	10 50	10 18	4 12	4 34	3 47	17 54	5 37
S 31	5n57	15s29	3n40	9n16	2n14	19n44	1n22	23n47	1n23	22s32	0n33	4s42	2n48	7n12	0s33	21s28	0n22	10s49	10n18	4n11	4n35	3s45	17n55	5s37

Julian Day Number = 2090384.5, Delta T = 23m30s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'28, Lahiri = 10°04'28 Julian Calendar 1 March 1011 == Greg. Calendar 7 March 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

APRIL 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 56 40	16♈ 1'09	17♒17	17°R36	23♉20	13♊ 5	18°R42	18°R26	19♈40	21♑37	3°R22	19♍30	18♍25	21♓15	3♋32	S 1
M 2	13 0 37	16°59'37	29° 9	16♈55	24°30	13°41	18♐41	18♎22	19°44	21°38	3♐21	19°32	18°21	21°22	3°35	M 2
T 3	13 4 33	17°58'04	10♓56	16°13	25°41	14°17	18°41	18°17	19°47	21°39	3°20	19°33	18°18	21°28	3°38	T 3
W 4	13 8 30	18°56'28	22°42	15°32	26°51	14°54	18°40	18°13	19°50	21°39	3°19	19°R33	18°15	21°35	3°41	W 4
T 5	13 12 26	19°54'51	4♈30	14°52	28° 1	15°30	18°39	18° 8	19°54	21°40	3°18	19°32	18°12	21°41	3°44	T 5
F 6	13 16 23	20°53'12	16°24	14°13	29°11	16° 6	18°38	18° 4	19°57	21°40	3°17	19°30	18° 9	21°48	3°47	F 6
S 7	13 20 19	21°51'31	28°25	13°36	0♊21	16°42	18°37	17°59	20° 1	21°40	3°15	19°26	18° 6	21°55	3°50	S 7
S 8	13 24 16	22°49'49	10♉35	13° 3	1°30	17°19	18°36	17°55	20° 4	21°41	3°14	19°20	18° 2	22° 1	3°53	S 8
M 9	13 28 13	23°48'04	22°55	12°32	2°40	17°55	18°34	17°50	20° 8	21°41	3°13	19°14	17°59	22° 8	3°56	M 9
T 10	13 32 9	24°46'18	5♊26	12° 6	3°49	18°31	18°33	17°46	20°11	21°41	3°12	19° 8	17°56	22°15	4° 0	T 10
W11	13 36 6	25°44'29	18°11	11°44	4°59	19° 8	18°31	17°41	20°15	21°42	3°11	19° 3	17°53	22°21	4° 3	W11
T 12	13 40 2	26°42'39	1♋ 9	11°25	6° 8	19°44	18°29	17°37	20°18	21°42	3°10	18°59	17°50	22°28	4° 7	T 12
F 13	13 43 59	27°40'47	14°24	11°12	7°17	20°21	18°26	17°32	20°21	21°42	3° 9	18°56	17°46	22°35	4°10	F 13
S 14	13 47 55	28°38'53	27°56	11° 3	8°26	20°57	18°24	17°28	20°25	21°42	3° 7	18°D55	17°43	22°41	4°14	S 14
S 15	13 51 52	29°36'56	11♌47	10°D59	9°35	21°33	18°21	17°23	20°28	21°42	3° 6	18°56	17°40	22°48	4°17	S 15
M16	13 55 48	0♉34'58	25°56	11° 0	10°44	22°10	18°18	17°19	20°32	21°43	3° 5	18°57	17°37	22°55	4°21	M16
T 17	13 59 45	1°32'57	10♍24	11° 5	11°53	22°46	18°15	17°15	20°35	21°43	3° 4	18°58	17°34	23° 1	4°25	T 17
W18	14 3 42	2°30'55	25° 7	11°15	13° 1	23°23	18°12	17°10	20°39	21°43	3° 2	18°R58	17°31	23° 8	4°29	W18
T 19	14 7 38	3°28'51	9♎59	11°30	14° 9	23°59	18° 9	17° 6	20°42	21°R43	3° 1	18°57	17°27	23°15	4°33	T 19
F 20	14 11 35	4°26'45	24°55	11°49	15°18	24°36	18° 5	17° 2	20°45	21°43	3° 0	18°53	17°24	23°21	4°37	F 20
S 21	14 15 31	5°24'38	9♏46	12°13	16°26	25°12	18° 1	16°57	20°49	21°43	2°58	18°47	17°21	23°28	4°41	S 21
S 22	14 19 28	6°22'29	24°23	12°40	17°34	25°49	17°58	16°53	20°52	21°43	2°57	18°40	17°18	23°34	4°46	S 22
M23	14 23 24	7°20'18	8♐40	13°12	18°41	26°25	17°53	16°49	20°55	21°42	2°55	18°33	17°15	23°41	4°50	M23
T 24	14 27 21	8°18'07	22°32	13°49	19°49	27° 2	17°49	16°45	20°59	21°42	2°54	18°26	17°12	23°48	4°54	T 24
W25	14 31 17	9°15'54	5♑57	14°28	20°57	27°38	17°45	16°41	21° 2	21°42	2°53	18°20	17° 8	23°54	4°59	W25
T 26	14 35 14	10°13'39	18°55	15°12	22° 4	28°15	17°40	16°37	21° 5	21°42	2°51	18°15	17° 5	24° 1	5° 3	T 26
F 27	14 39 11	11°11'24	1♒29	15°59	23°11	28°51	17°36	16°33	21° 9	21°42	2°50	18°13	17° 2	24° 8	5° 8	F 27
S 28	14 43 7	12° 9'07	13°44	16°50	24°18	29°28	17°31	16°29	21°12	21°41	2°48	18°D13	16°59	24°14	5°12	S 28
S 29	14 47 4	13° 6'50	25°45	17°44	25°25	0♋ 5	17°26	16°25	21°15	21°41	2°47	18°13	16°56	24°21	5°17	S 29
M30	14 51 0	14♉ 4'31	7♓36	18♈42	26♊31	0♋41	17♐21	16♎22	21♈19	21♑41	2♐45	18♍14	16♍52	24♓28	5♋22	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n20	13s 3	2n49	8n48	2n 1	20n 5	1n26	23n51	1n23	22s32	0n33	4s40	2n48	7n13	0s33	21s28	0n22	10s49	10n18	4n11	4n36	3s43	17n55	5s36
M 2	6 43	10 7	1 50	8 19	1 46	20 25	1 29	23 56	1 23	22 32	0 33	4 39	2 48	7 15	0 33	21 28	0 22	10 49	10 18	4 10	4 38	3 41	17 55	5 36
T 3	7 5	6 47	0 47	7 49	1 31	20 46	1 31	24 0	1 23	22 32	0 33	4 37	2 48	7 16	0 33	21 28	0 22	10 48	10 19	4 9	4 39	3 40	17 56	5 35
W 4	7 27	3 11	0s17	7 18	1 15	21 5	1 34	24 5	1 23	22 32	0 33	4 35	2 48	7 17	0 33	21 27	0 22	10 48	10 19	4 9	4 40	3 38	17 56	5 35
T 5	7 50	0n34	1 21	6 47	0 59	21 24	1 37	24 9	1 23	22 32	0 33	4 33	2 48	7 19	0 33	21 27	0 22	10 48	10 19	4 10	4 41	3 36	17 56	5 35
F 6	8 12	4 18	2 22	6 17	0 42	21 42	1 40	24 13	1 23	22 32	0 33	4 32	2 48	7 20	0 33	21 27	0 22	10 47	10 19	4 11	4 43	3 34	17 57	5 34
S 7	8 34	7 54	3 17	5 47	0 25	22 0	1 43	24 16	1 23	22 32	0 33	4 30	2 48	7 21	0 33	21 27	0 22	10 47	10 19	4 12	4 44	3 32	17 57	5 34
S 8	8 55	11 13	4 3	5 18	0 8	22 18	1 46	24 20	1 23	22 31	0 33	4 28	2 48	7 22	0 33	21 27	0 22	10 47	10 19	4 15	4 45	3 31	17 57	5 33
M 9	9 17	14 5	4 39	4 51	0s 9	22 34	1 48	24 23	1 23	22 31	0 33	4 27	2 48	7 24	0 33	21 27	0 22	10 46	10 19	4 17	4 46	3 29	17 57	5 33
T 10	9 39	16 21	5 3	4 25	0 25	22 51	1 51	24 26	1 23	22 31	0 33	4 25	2 48	7 25	0 33	21 27	0 22	10 46	10 20	4 19	4 48	3 27	17 58	5 33
W11	10 0	17 52	5 11	4 2	0 41	23 6	1 54	24 30	1 23	22 31	0 33	4 23	2 48	7 26	0 33	21 27	0 22	10 46	10 20	4 21	4 49	3 25	17 58	5 32
T 12	10 21	18 29	5 4	3 41	0 56	23 21	1 56	24 32	1 23	22 31	0 33	4 22	2 48	7 28	0 33	21 27	0 22	10 45	10 20	4 23	4 50	3 23	17 58	5 32
F 13	10 42	18 7	4 41	3 22	1 11	23 36	1 59	24 35	1 23	22 31	0 33	4 20	2 48	7 29	0 33	21 27	0 22	10 45	10 20	4 24	4 51	3 21	17 59	5 32
S 14	11 3	16 44	4 2	3 5	1 25	23 49	2 1	24 38	1 23	22 31	0 33	4 18	2 48	7 30	0 33	21 27	0 22	10 45	10 20	4 24	4 53	3 20	17 59	5 31
S 15	11 24	14 20	3 8	2 51	1 39	24 3	2 4	24 40	1 23	22 30	0 33	4 17	2 48	7 32	0 33	21 27	0 22	10 44	10 20	4 24	4 54	3 18	17 59	5 31
M16	11 44	11 2	2 2	2 40	1 51	24 15	2 6	24 42	1 23	22 30	0 33	4 15	2 48	7 33	0 33	21 27	0 22	10 44	10 20	4 24	4 55	3 16	17 59	5 30
T 17	12 4	6 59	0 46	2 31	2 3	24 27	2 8	24 45	1 23	22 30	0 33	4 13	2 48	7 34	0 33	21 27	0 22	10 44	10 20	4 23	4 56	3 14	18 0	5 30
W18	12 25	2 28	0n33	2 25	2 14	24 38	2 11	24 46	1 23	22 30	0 33	4 12	2 48	7 35	0 33	21 27	0 22	10 43	10 20	4 23	4 58	3 12	18 0	5 30
T 19	12 44	2s16	1 51	2 22	2 24	24 49	2 13	24 48	1 23	22 29	0 33	4 10	2 48	7 37	0 33	21 27	0 22	10 43	10 20	4 24	4 59	3 10	18 0	5 29
F 20	13 4	6 52	3 2	2 21	2 33	24 59	2 15	24 50	1 23	22 29	0 33	4 9	2 47	7 38	0 33	21 27	0 22	10 43	10 21	4 25	5 0	3 9	18 0	5 29
S 21	13 24	11 1	4 0	2 23	2 41	25 8	2 17	24 51	1 22	22 29	0 33	4 7	2 47	7 39	0 33	21 27	0 22	10 42	10 21	4 27	5 1	3 7	18 0	5 29
S 22	13 43	14 25	4 41	2 27	2 48	25 17	2 19	24 52	1 22	22 29	0 32	4 6	2 47	7 41	0 33	21 27	0 22	10 42	10 21	4 30	5 3	3 5	18 1	5 28
M23	14 2	16 52	5 3	2 34	2 55	25 25	2 20	24 53	1 22	22 28	0 32	4 4	2 47	7 42	0 33	21 27	0 22	10 42	10 21	4 33	5 4	3 3	18 1	5 28
T 24	14 21	18 14	5 7	2 43	3 0	25 32	2 22	24 54	1 22	22 28	0 32	4 3	2 47	7 43	0 33	21 27	0 22	10 41	10 21	4 36	5 5	3 1	18 1	5 28
W25	14 39	18 32	4 54	2 54	3 5	25 39	2 24	24 55	1 22	22 28	0 32	4 1	2 47	7 44	0 33	21 27	0 22	10 41	10 21	4 38	5 6	2 59	18 1	5 27
T 26	14 58	17 51	4 25	3 7	3 9	25 45	2 25	24 55	1 22	22 27	0 32	4 0	2 47	7 46	0 33	21 27	0 22	10 41	10 21	4 40	5 8	2 58	18 1	5 27
F 27	15 16	16 17	3 45	3 22	3 12	25 50	2 27	24 56	1 22	22 27	0 32	3 59	2 47	7 47	0 33	21 27	0 22	10 40	10 21	4 41	5 9	2 56	18 1	5 27
S 28	15 34	14 0	2 55	3 40	3 14	25 55	2 28	24 56	1 22	22 26	0 32	3 57	2 47	7 48	0 33	21 27	0 22	10 40	10 21	4 41	5 10	2 54	18 2	5 26
S 29	15 51	11 9	1 58	3 59	3 16	25 59	2 30	24 56	1 22	22 26	0 32	3 56	2 46	7 49	0 33	21 27	0 22	10 40	10 21	4 41	5 11	2 52	18 2	5 26
M30	16n 9	7s53	0n57	4n20	3s16	26n 2	2n31	24n56	1n22	22s26	0n32	3s55	2n46	7n51	0s33	21s27	0n22	10s40	10n21	4n41	5n13	2s50	18n 2	5s26

Julian Day Number = 2090415.5, Delta T = 23m29s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'32, Lahiri = 10°04'33 Julian Calendar 1 Apr. 1011 == Greg. Calendar 7 Apr. 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

MAY 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 54 57	15♉ 2'11	19♓22	19♈42	27♊38	1♋18	17°R15	16°R18	21♈22	21°R40	2°R44	18°R15	16♍49	24♓34	5♋26	T 1
W 2	14 58 53	15°59'50	1♈10	20°46	28°44	1°54	17♐10	16♎14	21°25	21♑40	2♐42	18♍14	16°46	24°41	5°31	W 2
T 3	15 2 50	16°57'27	13° 2	21°52	29°50	2°31	17° 4	16°11	21°28	21°39	2°41	18°11	16°43	24°48	5°36	T 3
F 4	15 6 46	17°55'04	25° 3	23° 2	0♋56	3° 8	16°59	16° 7	21°31	21°39	2°39	18° 5	16°40	24°54	5°41	F 4
S 5	15 10 43	18°52'40	7♉15	24°14	2° 2	3°44	16°53	16° 4	21°35	21°38	2°38	17°57	16°37	25° 1	5°46	S 5
S 6	15 14 39	19°50'14	19°38	25°29	3° 8	4°21	16°47	16° 0	21°38	21°38	2°36	17°48	16°33	25° 7	5°51	S 6
M 7	15 18 36	20°47'47	2♊15	26°47	4°13	4°58	16°41	15°57	21°41	21°37	2°34	17°37	16°30	25°14	5°56	M 7
T 8	15 22 33	21°45'19	15° 6	28° 8	5°18	5°35	16°35	15°54	21°44	21°37	2°33	17°26	16°27	25°21	6° 1	T 8
W 9	15 26 29	22°42'50	28° 8	29°31	6°23	6°11	16°28	15°50	21°47	21°36	2°31	17°15	16°24	25°27	6° 6	W 9
T 10	15 30 26	23°40'20	11♋23	0♉57	7°28	6°48	16°22	15°47	21°50	21°36	2°30	17° 7	16°21	25°34	6°12	T 10
F 11	15 34 22	24°37'48	24°50	2°25	8°32	7°25	16°15	15°44	21°53	21°35	2°28	17° 1	16°18	25°41	6°17	F 11
S 12	15 38 19	25°35'15	8♌28	3°56	9°36	8° 2	16° 9	15°41	21°56	21°34	2°27	16°58	16°14	25°47	6°22	S 12
S 13	15 42 15	26°32'41	22°18	5°30	10°40	8°38	16° 2	15°38	21°59	21°33	2°25	16°D57	16°11	25°54	6°28	S 13
M14	15 46 12	27°30'05	6♍20	7° 6	11°44	9°15	15°55	15°36	22° 2	21°33	2°23	16°57	16° 8	26° 1	6°33	M14
T 15	15 50 9	28°27'28	20°32	8°44	12°48	9°52	15°48	15°33	22° 5	21°32	2°22	16°R57	16° 5	26° 7	6°39	T 15
W16	15 54 5	29°24'50	4♎55	10°25	13°51	10°29	15°41	15°30	22° 8	21°31	2°20	16°56	16° 2	26°14	6°44	W16
T 17	15 58 2	0♊22'11	19°25	12° 9	14°54	11° 6	15°34	15°28	22°11	21°30	2°19	16°53	15°58	26°21	6°50	T 17
F 18	16 1 58	1°19'31	3♏58	13°55	15°57	11°43	15°27	15°25	22°14	21°29	2°17	16°47	15°55	26°27	6°55	F 18
S 19	16 5 55	2°16'49	18°28	15°44	16°59	12°19	15°20	15°23	22°17	21°28	2°15	16°39	15°52	26°34	7° 1	S 19
S 20	16 9 51	3°14'07	2♐48	17°35	18° 1	12°56	15°13	15°20	22°19	21°28	2°14	16°28	15°49	26°41	7° 7	S 20
M21	16 13 48	4°11'24	16°53	19°28	19° 3	13°33	15° 5	15°18	22°22	21°27	2°12	16°17	15°46	26°47	7°13	M21
T 22	16 17 44	5° 8'41	0♑38	21°24	20° 5	14°10	14°58	15°16	22°25	21°26	2°11	16° 6	15°43	26°54	7°18	T 22
W23	16 21 41	6° 5'57	13°59	23°22	21° 6	14°47	14°50	15°14	22°28	21°25	2° 9	15°56	15°39	27° 0	7°24	W23
T 24	16 25 38	7° 3'12	26°56	25°22	22° 7	15°24	14°43	15°12	22°30	21°24	2° 7	15°49	15°36	27° 7	7°30	T 24
F 25	16 29 34	8° 0'27	9♒31	27°24	23° 7	16° 1	14°35	15°10	22°33	21°23	2° 6	15°44	15°33	27°14	7°36	F 25
S 26	16 33 31	8°57'41	21°47	29°28	24° 7	16°38	14°28	15° 8	22°36	21°22	2° 4	15°41	15°30	27°20	7°42	S 26
S 27	16 37 27	9°54'55	3♓48	1♊34	25° 7	17°15	14°20	15° 7	22°38	21°20	2° 3	15°40	15°27	27°27	7°48	S 27
M28	16 41 24	10°52'09	15°40	3°41	26° 7	17°52	14°13	15° 5	22°41	21°19	2° 1	15°40	15°23	27°34	7°54	M28
T 29	16 45 20	11°49'23	27°28	5°50	27° 6	18°29	14° 5	15° 4	22°43	21°18	1°59	15°40	15°20	27°40	8° 0	T 29
W30	16 49 17	12°46'36	9♈18	8° 0	28° 5	19° 6	13°57	15° 2	22°46	21°17	1°58	15°39	15°17	27°47	8° 6	W30
T 31	16 53 13	13♊43'49	21♈14	10♊11	29♋ 3	19♋43	13♐50	15♎ 1	22♈48	21♑16	1♐56	15♍35	15♍14	27♓54	8♋12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n26	4s19	0s 6	4n43	3s16	26n 4	2n32	24n55	1n22	22s25	0n32	3s53	2n46	7n52	0s33	21s27	0n22	10s39	10n21	4n40	5n14	2s48	18n 2	5s25
W 2	16 43	0 35	1 9	5 8	3 16	26 6	2 33	24 55	1 22	22 25	0 32	3 52	2 46	7 53	0 33	21 27	0 22	10 39	10 21	4 41	5 15	2 47	18 2	5 25
T 3	16 59	3n12	2 9	5 34	3 14	26 8	2 34	24 54	1 22	22 24	0 32	3 51	2 46	7 54	0 33	21 27	0 22	10 39	10 21	4 42	5 16	2 45	18 2	5 25
F 4	17 16	6 54	3 4	6 1	3 12	26 8	2 35	24 53	1 22	22 24	0 32	3 50	2 46	7 55	0 33	21 27	0 22	10 38	10 21	4 44	5 18	2 43	18 2	5 25
S 5	17 32	10 22	3 51	6 31	3 9	26 8	2 35	24 52	1 21	22 23	0 32	3 48	2 45	7 56	0 33	21 28	0 22	10 38	10 21	4 47	5 19	2 41	18 2	5 24
S 6	17 47	13 26	4 28	7 1	3 6	26 7	2 36	24 51	1 21	22 23	0 32	3 47	2 45	7 58	0 33	21 28	0 22	10 38	10 21	4 51	5 20	2 39	18 2	5 24
M 7	18 3	15 56	4 53	7 33	3 2	26 6	2 36	24 49	1 21	22 22	0 32	3 46	2 45	7 59	0 33	21 28	0 22	10 38	10 21	4 55	5 21	2 37	18 2	5 24
T 8	18 18	17 42	5 3	8 6	2 57	26 4	2 37	24 48	1 21	22 22	0 31	3 45	2 45	8 0	0 33	21 28	0 22	10 37	10 21	5 0	5 22	2 35	18 2	5 24
W 9	18 33	18 35	4 58	8 41	2 52	26 1	2 37	24 46	1 21	22 21	0 31	3 44	2 45	8 1	0 33	21 28	0 22	10 37	10 21	5 4	5 24	2 34	18 2	5 23
T 10	18 47	18 28	4 37	9 16	2 46	25 58	2 37	24 44	1 21	22 21	0 31	3 43	2 45	8 2	0 33	21 28	0 22	10 37	10 21	5 7	5 25	2 32	18 2	5 23
F 11	19 2	17 20	4 0	9 52	2 40	25 54	2 37	24 42	1 21	22 20	0 31	3 42	2 44	8 3	0 33	21 28	0 22	10 36	10 21	5 9	5 26	2 30	18 2	5 23
S 12	19 15	15 11	3 10	10 30	2 33	25 49	2 37	24 40	1 21	22 19	0 31	3 41	2 44	8 5	0 33	21 28	0 22	10 36	10 21	5 10	5 27	2 28	18 2	5 23
S 13	19 29	12 9	2 7	11 8	2 26	25 44	2 37	24 37	1 21	22 19	0 31	3 40	2 44	8 6	0 33	21 28	0 22	10 36	10 21	5 11	5 29	2 26	18 2	5 22
M14	19 42	8 22	0 56	11 47	2 18	25 38	2 36	24 35	1 20	22 18	0 31	3 39	2 44	8 7	0 33	21 28	0 22	10 36	10 21	5 11	5 30	2 24	18 2	5 22
T 15	19 55	4 4	0n19	12 27	2 9	25 32	2 36	24 32	1 20	22 18	0 31	3 38	2 44	8 8	0 33	21 29	0 22	10 36	10 21	5 11	5 31	2 22	18 2	5 22
W16	20 8	0s32	1 34	13 7	2 1	25 25	2 35	24 29	1 20	22 17	0 31	3 37	2 43	8 9	0 33	21 29	0 22	10 35	10 21	5 11	5 32	2 21	18 2	5 22
T 17	20 20	5 7	2 43	13 48	1 52	25 17	2 35	24 26	1 20	22 16	0 31	3 37	2 43	8 10	0 33	21 29	0 22	10 35	10 21	5 12	5 34	2 19	18 2	5 21
F 18	20 32	9 25	3 42	14 29	1 42	25 9	2 34	24 22	1 20	22 16	0 30	3 36	2 43	8 11	0 33	21 29	0 22	10 35	10 20	5 15	5 35	2 17	18 2	5 21
S 19	20 44	13 9	4 26	15 10	1 32	25 0	2 33	24 19	1 20	22 15	0 30	3 35	2 43	8 12	0 33	21 29	0 22	10 35	10 20	5 18	5 36	2 15	18 2	5 21
S 20	20 55	16 2	4 53	15 51	1 22	24 51	2 32	24 15	1 20	22 14	0 30	3 34	2 43	8 13	0 33	21 29	0 22	10 34	10 20	5 22	5 37	2 13	18 2	5 21
M21	21 6	17 55	5 1	16 33	1 11	24 41	2 30	24 11	1 20	22 14	0 30	3 34	2 42	8 14	0 33	21 29	0 22	10 34	10 20	5 26	5 39	2 11	18 2	5 21
T 22	21 16	18 42	4 52	17 14	1 1	24 30	2 29	24 7	1 19	22 13	0 30	3 33	2 42	8 15	0 33	21 30	0 22	10 34	10 20	5 31	5 40	2 9	18 2	5 20
W23	21 26	18 24	4 27	17 55	0 50	24 19	2 27	24 3	1 19	22 12	0 30	3 33	2 42	8 16	0 33	21 30	0 22	10 34	10 20	5 34	5 41	2 8	18 2	5 20
T 24	21 36	17 9	3 48	18 35	0 39	24 8	2 25	23 59	1 19	22 11	0 30	3 32	2 42	8 17	0 33	21 30	0 22	10 34	10 20	5 37	5 42	2 6	18 1	5 20
F 25	21 46	15 5	2 59	19 14	0 28	23 56	2 24	23 54	1 19	22 11	0 30	3 32	2 41	8 18	0 33	21 30	0 22	10 34	10 20	5 39	5 44	2 4	18 1	5 20
S 26	21 55	12 23	2 3	19 52	0 17	23 43	2 21	23 50	1 19	22 10	0 30	3 31	2 41	8 19	0 33	21 30	0 22	10 33	10 20	5 40	5 45	2 2	18 1	5 20
S 27	22 3	9 12	1 3	20 30	0 6	23 30	2 19	23 45	1 19	22 9	0 29	3 31	2 41	8 20	0 33	21 30	0 22	10 33	10 19	5 41	5 46	2 0	18 1	5 20
M28	22 12	5 41	0 0	21 5	0n 5	23 17	2 17	23 40	1 19	22 8	0 29	3 30	2 41	8 21	0 33	21 31	0 22	10 33	10 19	5 41	5 47	1 58	18 1	5 20
T 29	22 19	1 58	1s 2	21 39	0 16	23 3	2 14	23 35	1 18	22 8	0 29	3 30	2 40	8 22	0 33	21 31	0 22	10 33	10 19	5 41	5 48	1 56	18 0	5 19
W30	22 27	1n50	2 2	22 11	0 26	22 48	2 12	23 29	1 18	22 7	0 29	3 30	2 40	8 23	0 33	21 31	0 22	10 33	10 19	5 41	5 50	1 55	18 0	5 19
T 31	22n34	5n36	2s57	22n42	0n36	22n33	2n 9	23n24	1n18	22s 6	0n29	3s29	2n40	8n24	0s33	21s31	0n22	10s33	10n19	5n43	5n51	1s53	18n 0	5s19

Julian Day Number = 2090445.5, Delta T = 23m29s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'36, Lahiri = 10°04'37 Julian Calendar 1 May 1011 == Greg. Calendar 7 May 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

JUNE 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 57 10	14♊41'02	3♉21	12♊22	0♌ 1	20♋20	13°R42	15°R 0	22♈51	21°R15	1°R55	15°R29	15♍11	28♓ 0	8♋18	F 1
S 2	17 1 7	15°38'15	15°43	14°33	0°58	20°57	13♐34	14♎58	22°53	21♑13	1♐53	15♍20	15° 8	28° 7	8°24	S 2
S 3	17 5 3	16°35'27	28°20	16°45	1°55	21°34	13°27	14°57	22°55	21°12	1°52	15° 9	15° 4	28°14	8°31	S 3
M 4	17 9 0	17°32'40	11♊14	18°56	2°52	22°11	13°19	14°56	22°58	21°11	1°50	14°56	15° 1	28°20	8°37	M 4
T 5	17 12 56	18°29'52	24°25	21° 6	3°48	22°48	13°11	14°56	23° 0	21°10	1°49	14°44	14°58	28°27	8°43	T 5
W 6	17 16 53	19°27'03	7♋51	23°16	4°44	23°25	13° 4	14°55	23° 2	21° 8	1°47	14°32	14°55	28°34	8°49	W 6
T 7	17 20 49	20°24'15	21°28	25°25	5°39	24° 2	12°56	14°54	23° 5	21° 7	1°46	14°23	14°52	28°40	8°56	T 7
F 8	17 24 46	21°21'26	5♌16	27°33	6°34	24°39	12°49	14°54	23° 7	21° 6	1°44	14°16	14°49	28°47	9° 2	F 8
S 9	17 28 42	22°18'37	19°11	29°39	7°28	25°17	12°41	14°53	23° 9	21° 4	1°43	14°12	14°45	28°54	9° 8	S 9
S 10	17 32 39	23°15'47	3♍11	1♋44	8°21	25°54	12°34	14°53	23°11	21° 3	1°41	14°10	14°42	29° 0	9°15	S 10
M11	17 36 36	24°12'57	17°15	3°47	9°14	26°31	12°26	14°53	23°13	21° 1	1°40	14°10	14°39	29° 7	9°21	M11
T 12	17 40 32	25°10'06	1♎22	5°48	10° 7	27° 8	12°19	14°52	23°15	21° 0	1°38	14°10	14°36	29°13	9°27	T 12
W13	17 44 29	26° 7'15	15°32	7°48	10°58	27°45	12°12	14°D52	23°17	20°59	1°37	14° 9	14°33	29°20	9°34	W13
T 14	17 48 25	27° 4'24	29°43	9°46	11°49	28°23	12° 5	14°52	23°19	20°57	1°35	14° 6	14°29	29°27	9°40	T 14
F 15	17 52 22	28° 1'33	13♏52	11°42	12°40	29° 0	11°57	14°53	23°21	20°56	1°34	14° 0	14°26	29°33	9°47	F 15
S 16	17 56 18	28°58'41	27°56	13°35	13°30	29°37	11°50	14°53	23°23	20°54	1°33	13°52	14°23	29°40	9°53	S 16
S 17	18 0 15	29°55'50	11♐52	15°27	14°19	0♌14	11°43	14°53	23°25	20°53	1°31	13°41	14°20	29°47	10° 0	S 17
M18	18 4 11	0♋52'58	25°35	17°17	15° 7	0°52	11°37	14°54	23°26	20°51	1°30	13°30	14°17	29°53	10° 6	M18
T 19	18 8 8	1°50'07	9♑ 2	19° 5	15°54	1°29	11°30	14°54	23°28	20°50	1°29	13°19	14°14	0♈ 0	10°13	T 19
W20	18 12 5	2°47'16	22°10	20°51	16°41	2° 6	11°23	14°55	23°30	20°48	1°27	13° 9	14°10	0° 7	10°19	W20
T 21	18 16 1	3°44'25	4♒58	22°35	17°27	2°44	11°16	14°55	23°31	20°47	1°26	13° 2	14° 7	0°13	10°26	T 21
F 22	18 19 58	4°41'35	17°28	24°18	18°12	3°21	11°10	14°56	23°33	20°45	1°25	12°56	14° 4	0°20	10°32	F 22
S 23	18 23 54	5°38'45	29°42	25°58	18°56	3°58	11° 4	14°57	23°35	20°44	1°23	12°54	14° 1	0°27	10°39	S 23
S 24	18 27 51	6°35'56	11♓42	27°36	19°39	4°36	10°57	14°58	23°36	20°42	1°22	12°D53	13°58	0°33	10°45	S 24
M25	18 31 47	7°33'07	23°34	29°12	20°21	5°13	10°51	14°59	23°38	20°41	1°21	12°53	13°55	0°40	10°52	M25
T 26	18 35 44	8°30'18	5♈23	0♌46	21° 2	5°51	10°45	15° 0	23°39	20°39	1°20	12°R54	13°51	0°47	10°58	T 26
W27	18 39 40	9°27'31	17°14	2°18	21°43	6°28	10°39	15° 2	23°40	20°37	1°19	12°53	13°48	0°53	11° 5	W27
T 28	18 43 37	10°24'44	29°12	3°48	22°22	7° 6	10°33	15° 3	23°42	20°36	1°17	12°52	13°45	1° 0	11°11	T 28
F 29	18 47 34	11°21'58	11♉23	5°16	23° 0	7°43	10°28	15° 5	23°43	20°34	1°16	12°48	13°42	1° 7	11°18	F 29
S 30	18 51 30	12♋19'13	23♉50	6♌43	23♌36	8♌21	10♐22	15♎ 6	23♈44	20♑33	1♐15	12♍41	13♍39	1♈13	11♋25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n41	9n11	3s44	23n 9	0n46	22n18	2n 6	23n18	1n18	22s 5	0n29	3s29	2n40	8n25	0s33	21s31	0n22	10s32	10n19	5n45	5n52	1s51	18n 0	5s19
S 2	22 47	12 27	4 22	23 35	0 55	22 2	2 3	23 12	1 18	22 5	0 29	3 29	2 39	8 26	0 33	21 32	0 22	10 32	10 18	5 49	5 53	1 49	18 0	5 19
S 3	22 53	15 13	4 48	23 58	1 4	21 46	1 59	23 6	1 18	22 4	0 28	3 29	2 39	8 26	0 33	21 32	0 22	10 32	10 18	5 53	5 55	1 47	17 59	5 19
M 4	22 59	17 17	5 0	24 18	1 12	21 30	1 56	23 0	1 17	22 3	0 28	3 28	2 39	8 27	0 34	21 32	0 22	10 32	10 18	5 58	5 56	1 45	17 59	5 19
T 5	23 4	18 31	4 56	24 35	1 19	21 13	1 52	22 54	1 17	22 2	0 28	3 28	2 39	8 28	0 34	21 32	0 22	10 32	10 18	6 3	5 57	1 43	17 59	5 19
W 6	23 9	18 44	4 36	24 49	1 26	20 56	1 48	22 47	1 17	22 1	0 28	3 28	2 38	8 29	0 34	21 32	0 22	10 32	10 18	6 7	5 58	1 41	17 58	5 19
T 7	23 13	17 53	4 1	25 1	1 32	20 38	1 44	22 40	1 17	22 1	0 28	3 28	2 38	8 30	0 34	21 33	0 22	10 32	10 17	6 11	6 0	1 40	17 58	5 18
F 8	23 17	15 58	3 10	25 10	1 37	20 20	1 40	22 34	1 17	22 0	0 28	3 28	2 38	8 31	0 34	21 33	0 22	10 32	10 17	6 13	6 1	1 38	17 58	5 18
S 9	23 20	13 7	2 8	25 16	1 42	20 2	1 35	22 27	1 16	21 59	0 28	3 28	2 38	8 31	0 34	21 33	0 22	10 32	10 17	6 15	6 2	1 36	17 57	5 18
S 10	23 24	9 30	0 58	25 19	1 46	19 44	1 31	22 20	1 16	21 58	0 27	3 29	2 37	8 32	0 34	21 33	0 22	10 32	10 17	6 16	6 3	1 34	17 57	5 18
M11	23 26	5 19	0n16	25 20	1 49	19 25	1 26	22 12	1 16	21 57	0 27	3 29	2 37	8 33	0 34	21 33	0 22	10 32	10 17	6 16	6 4	1 32	17 57	5 18
T 12	23 29	0 49	1 30	25 18	1 52	19 6	1 21	22 5	1 16	21 56	0 27	3 29	2 37	8 34	0 34	21 34	0 22	10 32	10 16	6 16	6 6	1 30	17 56	5 18
W13	23 30	3s43	2 38	25 13	1 53	18 47	1 16	21 57	1 16	21 56	0 27	3 29	2 37	8 34	0 34	21 34	0 22	10 32	10 16	6 16	6 7	1 28	17 56	5 18
T 14	23 32	8 3	3 37	25 6	1 54	18 27	1 10	21 50	1 16	21 55	0 27	3 29	2 36	8 35	0 34	21 34	0 22	10 32	10 16	6 17	6 8	1 26	17 55	5 18
F 15	23 33	11 55	4 22	24 57	1 55	18 8	1 5	21 42	1 15	21 54	0 27	3 30	2 36	8 36	0 34	21 34	0 22	10 31	10 16	6 20	6 9	1 25	17 55	5 18
S 16	23 34	15 5	4 50	24 46	1 54	17 48	0 59	21 34	1 15	21 53	0 26	3 30	2 36	8 36	0 34	21 35	0 21	10 31	10 15	6 23	6 11	1 23	17 55	5 18
S 17	23 34	17 21	5 2	24 32	1 53	17 28	0 53	21 25	1 15	21 53	0 26	3 30	2 36	8 37	0 34	21 35	0 21	10 31	10 15	6 27	6 12	1 21	17 54	5 18
M18	23 34	18 34	4 55	24 17	1 52	17 8	0 47	21 17	1 15	21 52	0 26	3 31	2 35	8 38	0 34	21 35	0 21	10 31	10 15	6 31	6 13	1 19	17 54	5 18
T 19	23 33	18 43	4 32	24 0	1 50	16 47	0 40	21 9	1 14	21 51	0 26	3 31	2 35	8 38	0 34	21 35	0 21	10 31	10 15	6 35	6 14	1 17	17 53	5 18
W20	23 32	17 51	3 56	23 42	1 47	16 27	0 34	21 0	1 14	21 50	0 26	3 32	2 35	8 39	0 34	21 35	0 21	10 31	10 14	6 39	6 16	1 15	17 53	5 18
T 21	23 31	16 6	3 7	23 21	1 43	16 7	0 27	20 51	1 14	21 50	0 26	3 32	2 34	8 39	0 34	21 36	0 21	10 32	10 14	6 42	6 17	1 13	17 52	5 18
F 22	23 29	13 36	2 11	23 0	1 39	15 46	0 20	20 42	1 14	21 49	0 25	3 33	2 34	8 40	0 34	21 36	0 21	10 32	10 14	6 44	6 18	1 11	17 52	5 18
S 23	23 27	10 33	1 10	22 37	1 35	15 25	0 12	20 33	1 14	21 48	0 25	3 33	2 34	8 41	0 34	21 36	0 21	10 32	10 13	6 45	6 19	1 10	17 51	5 18
S 24	23 24	7 7	0 6	22 13	1 30	15 4	0 5	20 24	1 13	21 47	0 25	3 34	2 34	8 41	0 34	21 36	0 21	10 32	10 13	6 45	6 20	1 8	17 51	5 18
M25	23 21	3 26	0s57	21 48	1 24	14 44	0s 3	20 15	1 13	21 47	0 25	3 35	2 33	8 42	0 34	21 37	0 21	10 32	10 13	6 45	6 22	1 6	17 50	5 18
T 26	23 17	0n21	1 57	21 22	1 18	14 23	0 11	20 5	1 13	21 46	0 25	3 35	2 33	8 42	0 34	21 37	0 21	10 32	10 13	6 45	6 23	1 4	17 49	5 18
W27	23 14	4 8	2 53	20 55	1 11	14 2	0 19	19 56	1 13	21 45	0 25	3 36	2 33	8 43	0 34	21 37	0 21	10 32	10 12	6 45	6 24	1 2	17 49	5 18
T 28	23 9	7 48	3 42	20 27	1 4	13 42	0 28	19 46	1 13	21 45	0 24	3 37	2 33	8 43	0 34	21 37	0 21	10 32	10 12	6 46	6 25	1 0	17 48	5 18
F 29	23 5	11 11	4 21	19 58	0 57	13 21	0 37	19 36	1 12	21 44	0 24	3 38	2 32	8 44	0 34	21 38	0 21	10 32	10 12	6 47	6 27	0 58	17 48	5 18
S 30	22n59	14n10	4s49	19n29	0n49	13n 0	0s46	19n26	1n12	21s43	0n24	3s39	2n32	8n44	0s34	21s38	0n21	10s32	10n11	6n50	6n28	0s56	17n47	5s18

Julian Day Number = 2090476.5, Delta T = 23m28s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'41, Lahiri = 10°04'41 Julian Calendar 1 June 1011 == Greg. Calendar 7 June 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

JULY 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 55 27	13♋16'28	6♊36	8♌ 7	24♌12	8♌58	10°R17	15♎ 8	23♈46	20°R31	1°R14	12°R33	13♍35	1♈20	11♋31	S 1
M 2	18 59 23	14°13'45	19°43	9°29	24°46	9°36	10♐11	15°10	23°47	20♑29	1♐13	12♍24	13°32	1°27	11°38	M 2
T 3	19 3 20	15°11'02	3♋11	10°48	25°19	10°13	10° 6	15°12	23°48	20°28	1°12	12°14	13°29	1°33	11°44	T 3
W 4	19 7 16	16° 8'20	16°58	12° 6	25°51	10°51	10° 1	15°14	23°49	20°26	1°11	12° 6	13°26	1°40	11°51	W 4
T 5	19 11 13	17° 5'38	0♌59	13°21	26°21	11°28	9°57	15°16	23°50	20°25	1°10	11°58	13°23	1°46	11°57	T 5
F 6	19 15 9	18° 2'57	15°12	14°34	26°50	12° 6	9°52	15°18	23°51	20°23	1° 9	11°53	13°20	1°53	12° 4	F 6
S 7	19 19 6	19° 0'17	29°30	15°45	27°18	12°44	9°47	15°20	23°52	20°21	1° 8	11°51	13°16	2° 0	12°11	S 7
S 8	19 23 3	19°57'37	13♍50	16°53	27°43	13°21	9°43	15°22	23°53	20°20	1° 7	11°D50	13°13	2° 6	12°17	S 8
M 9	19 26 59	20°54'58	28° 9	17°59	28° 8	13°59	9°39	15°25	23°53	20°18	1° 6	11°51	13°10	2°13	12°24	M 9
T 10	19 30 56	21°52'19	12♎22	19° 2	28°30	14°37	9°35	15°27	23°54	20°16	1° 5	11°52	13° 7	2°20	12°30	T 10
W11	19 34 52	22°49'41	26°30	20° 3	28°51	15°15	9°31	15°30	23°55	20°15	1° 5	11°R52	13° 4	2°26	12°37	W11
T 12	19 38 49	23°47'03	10♏30	21° 0	29°10	15°52	9°27	15°33	23°56	20°13	1° 4	11°51	13° 1	2°33	12°43	T 12
F 13	19 42 45	24°44'26	24°22	21°55	29°26	16°30	9°24	15°35	23°56	20°12	1° 3	11°48	12°57	2°40	12°50	F 13
S 14	19 46 42	25°41'50	8♐ 3	22°46	29°42	17° 8	9°21	15°38	23°57	20°10	1° 2	11°42	12°54	2°46	12°56	S 14
S 15	19 50 38	26°39'15	21°34	23°35	29°55	17°46	9°17	15°41	23°57	20° 8	1° 1	11°36	12°51	2°53	13° 3	S 15
M16	19 54 35	27°36'40	4♑52	24°19	0♍ 6	18°23	9°15	15°44	23°58	20° 7	1° 1	11°29	12°48	3° 0	13° 9	M16
T 17	19 58 32	28°34'07	17°56	25° 1	0°14	19° 1	9°12	15°47	23°58	20° 5	1° 0	11°21	12°45	3° 6	13°16	T 17
W18	20 2 28	29°31'34	0♒45	25°38	0°21	19°39	9° 9	15°51	23°59	20° 3	0°59	11°15	12°41	3°13	13°22	W18
T 19	20 6 25	0♏29'02	13°19	26°12	0°26	20°17	9° 7	15°54	23°59	20° 2	0°59	11°10	12°38	3°20	13°29	T 19
F 20	20 10 21	1°26'32	25°39	26°41	0°R28	20°55	9° 4	15°57	23°59	20° 0	0°58	11° 7	12°35	3°26	13°35	F 20
S 21	20 14 18	2°24'03	7♓46	27° 6	0°28	21°33	9° 2	16° 1	24° 0	19°59	0°58	11°D 6	12°32	3°33	13°42	S 21
S 22	20 18 14	3°21'35	19°43	27°27	0°26	22°11	9° 0	16° 4	24° 0	19°57	0°57	11° 6	12°29	3°40	13°48	S 22
M23	20 22 11	4°19'09	1♈34	27°43	0°21	22°49	8°59	16° 8	24° 0	19°56	0°57	11° 7	12°26	3°46	13°54	M23
T 24	20 26 7	5°16'44	13°22	27°53	0°14	23°27	8°57	16°12	24° 0	19°54	0°56	11° 9	12°22	3°53	14° 1	T 24
W25	20 30 4	6°14'20	25°13	27°59	0° 4	24° 5	8°56	16°16	24°R 0	19°52	0°56	11°11	12°19	4° 0	14° 7	W25
T 26	20 34 1	7°11'58	7♉11	27°R59	29♌52	24°43	8°55	16°20	24° 0	19°51	0°55	11°R11	12°16	4° 6	14°13	T 26
F 27	20 37 57	8° 9'38	19°22	27°54	29°38	25°21	8°54	16°24	24° 0	19°49	0°55	11°11	12°13	4°13	14°19	F 27
S 28	20 41 54	9° 7'19	1♊49	27°43	29°22	25°59	8°53	16°28	24° 0	19°48	0°55	11° 9	12°10	4°20	14°26	S 28
S 29	20 45 50	10° 5'02	14°37	27°27	29° 3	26°37	8°52	16°32	24° 0	19°46	0°54	11° 5	12° 7	4°26	14°32	S 29
M30	20 49 47	11° 2'47	27°49	27° 5	28°42	27°15	8°52	16°36	23°59	19°45	0°54	11° 1	12° 3	4°33	14°38	M30
T 31	20 53 43	12♌ 0'33	11♋25	26♌37	28♌19	27♌54	8♐52	16♎40	23♈59	19♑43	0♐54	10♍57	12♍ 0	4♈39	14♋44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n54	16n32	5s 3	19n 0	0n41	12n40	0s55	19n16	1n12	21s43	0n24	3s39	2n32	8n45	0s34	21s38	0n21	10s32	10n11	6n53	6n29	0s55	17n46	5s18
M 2	22 48	18 8	5 3	18 30	0 32	12 19	1 4	19 6	1 12	21 42	0 24	3 40	2 32	8 45	0 34	21 38	0 21	10 32	10 11	6 57	6 30	0 53	17 46	5 19
T 3	22 42	18 46	4 45	17 59	0 23	11 59	1 14	18 55	1 11	21 42	0 23	3 41	2 31	8 45	0 34	21 39	0 21	10 32	10 10	7 0	6 32	0 51	17 45	5 19
W 4	22 35	18 20	4 11	17 29	0 14	11 39	1 24	18 45	1 11	21 41	0 23	3 42	2 31	8 46	0 34	21 39	0 21	10 33	10 10	7 4	6 33	0 49	17 45	5 19
T 5	22 28	16 46	3 21	16 58	0 5	11 19	1 34	18 34	1 11	21 41	0 23	3 43	2 31	8 46	0 34	21 39	0 21	10 33	10 10	7 6	6 34	0 47	17 44	5 19
F 6	22 20	14 10	2 18	16 28	0s 5	11 0	1 44	18 23	1 11	21 40	0 23	3 44	2 30	8 46	0 34	21 39	0 21	10 33	10 9	7 8	6 35	0 45	17 43	5 19
S 7	22 13	10 41	1 6	15 57	0 16	10 41	1 55	18 12	1 10	21 40	0 23	3 46	2 30	8 47	0 34	21 40	0 21	10 33	10 9	7 9	6 36	0 43	17 43	5 19
S 8	22 4	6 33	0n11	15 26	0 26	10 21	2 6	18 1	1 10	21 39	0 23	3 47	2 30	8 47	0 34	21 40	0 21	10 33	10 9	7 10	6 38	0 41	17 42	5 19
M 9	21 56	2 4	1 27	14 56	0 37	10 3	2 17	17 50	1 10	21 39	0 22	3 48	2 30	8 47	0 34	21 40	0 21	10 33	10 8	7 9	6 39	0 39	17 41	5 19
T 10	21 47	2s30	2 37	14 26	0 48	9 44	2 28	17 39	1 10	21 38	0 22	3 49	2 29	8 48	0 34	21 41	0 21	10 34	10 8	7 9	6 40	0 38	17 40	5 19
W11	21 37	6 54	3 37	13 56	0 59	9 26	2 40	17 27	1 9	21 38	0 22	3 50	2 29	8 48	0 34	21 41	0 21	10 34	10 8	7 9	6 41	0 36	17 40	5 20
T 12	21 28	10 52	4 24	13 27	1 11	9 9	2 52	17 16	1 9	21 38	0 22	3 52	2 29	8 48	0 34	21 41	0 21	10 34	10 7	7 9	6 43	0 34	17 39	5 20
F 13	21 17	14 12	4 54	12 59	1 22	8 52	3 4	17 4	1 9	21 37	0 22	3 53	2 29	8 48	0 34	21 41	0 21	10 34	10 7	7 11	6 44	0 32	17 38	5 20
S 14	21 7	16 42	5 8	12 31	1 34	8 35	3 16	16 52	1 9	21 37	0 21	3 54	2 28	8 48	0 34	21 42	0 21	10 34	10 6	7 12	6 45	0 30	17 37	5 20
S 15	20 56	18 14	5 4	12 4	1 46	8 19	3 28	16 40	1 8	21 37	0 21	3 56	2 28	8 49	0 34	21 42	0 21	10 35	10 6	7 15	6 46	0 28	17 37	5 20
M16	20 45	18 45	4 43	11 38	1 58	8 3	3 41	16 28	1 8	21 36	0 21	3 57	2 28	8 49	0 34	21 42	0 21	10 35	10 6	7 18	6 47	0 26	17 36	5 20
T 17	20 33	18 15	4 8	11 13	2 10	7 48	3 53	16 16	1 8	21 36	0 21	3 59	2 28	8 49	0 34	21 42	0 21	10 35	10 5	7 21	6 49	0 24	17 35	5 21
W18	20 21	16 49	3 21	10 49	2 22	7 34	4 6	16 4	1 8	21 36	0 21	4 0	2 27	8 49	0 34	21 43	0 21	10 35	10 5	7 23	6 50	0 22	17 34	5 21
T 19	20 9	14 35	2 25	10 26	2 34	7 20	4 19	15 52	1 7	21 36	0 21	4 1	2 27	8 49	0 34	21 43	0 21	10 36	10 5	7 25	6 51	0 20	17 33	5 21
F 20	19 57	11 44	1 23	10 5	2 46	7 7	4 32	15 39	1 7	21 35	0 20	4 3	2 27	8 49	0 34	21 43	0 21	10 36	10 4	7 26	6 52	0 19	17 33	5 21
S 21	19 44	8 25	0 18	9 45	2 58	6 55	4 45	15 27	1 7	21 35	0 20	4 5	2 27	8 49	0 35	21 43	0 21	10 36	10 4	7 26	6 54	0 17	17 32	5 21
S 22	19 30	4 49	0s47	9 27	3 9	6 43	4 59	15 14	1 6	21 35	0 20	4 6	2 27	8 49	0 35	21 44	0 21	10 36	10 3	7 26	6 55	0 15	17 31	5 22
M23	19 17	1 3	1 49	9 11	3 21	6 33	5 12	15 1	1 6	21 35	0 20	4 8	2 26	8 49	0 35	21 44	0 21	10 37	10 3	7 26	6 56	0 13	17 30	5 22
T 24	19 3	2n44	2 47	8 57	3 32	6 23	5 25	14 49	1 6	21 35	0 20	4 9	2 26	8 49	0 35	21 44	0 21	10 37	10 3	7 25	6 57	0 11	17 29	5 22
W25	18 49	6 26	3 38	8 45	3 42	6 14	5 38	14 36	1 6	21 35	0 19	4 11	2 26	8 49	0 35	21 44	0 21	10 37	10 2	7 25	6 58	0 9	17 28	5 22
T 26	18 34	9 53	4 20	8 36	3 52	6 6	5 51	14 23	1 5	21 35	0 19	4 13	2 26	8 49	0 35	21 44	0 21	10 38	10 2	7 24	7 0	0 7	17 27	5 22
F 27	18 19	13 0	4 51	8 29	4 2	5 59	6 4	14 9	1 5	21 35	0 19	4 15	2 25	8 49	0 35	21 45	0 21	10 38	10 1	7 25	7 1	0 5	17 27	5 23
S 28	18 4	15 35	5 9	8 25	4 10	5 53	6 16	13 56	1 5	21 35	0 19	4 16	2 25	8 49	0 35	21 45	0 21	10 38	10 1	7 25	7 2	0 3	17 26	5 23
S 29	17 49	17 30	5 13	8 23	4 18	5 47	6 29	13 43	1 4	21 35	0 19	4 18	2 25	8 49	0 35	21 45	0 21	10 39	10 1	7 27	7 3	0 1	17 25	5 23
M30	17 33	18 33	5 0	8 24	4 25	5 43	6 41	13 29	1 4	21 35	0 18	4 20	2 25	8 49	0 35	21 45	0 21	10 39	10 0	7 28	7 5	0n 0	17 24	5 23
T 31	17n17	18n35	4s30	8n28	4s30	5n40	6s52	13n16	1n 4	21s36	0n18	4s22	2n24	8n49	0s35	21s46	0n21	10s39	10n 0	7n30	7n 6	0n 2	17n23	5s24

Julian Day Number = 2090506.5, Delta T = 23m28s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'45, Lahiri = 10°04'45 Julian Calendar 1 July 1011 == Greg. Calendar 7 July 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

AUGUST 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 57 40	12♌58'21	25♋25	26°R 4	27°R54	28♌32	8°D52	16♎45	23°R59	19°R42	0°R54	10°R53	11♍57	4♈46	14♋50	W 1
T 2	21 1 36	13°56'11	9♌45	25♌26	27♌27	29°10	8♐52	16°49	23♈58	19♑40	0♐53	10♍49	11°54	4°53	14°57	T 2
F 3	21 5 33	14°54'02	24°20	24°43	26°58	29°48	8°52	16°53	23°58	19°39	0°53	10°47	11°51	4°59	15° 3	F 3
S 4	21 9 30	15°51'54	9♍ 3	23°56	26°27	0♍27	8°53	16°58	23°58	19°38	0°53	10°D46	11°47	5° 6	15° 9	S 4
S 5	21 13 26	16°49'48	23°48	23° 6	25°55	1° 5	8°53	17° 3	23°57	19°36	0°53	10°47	11°44	5°13	15°15	S 5
M 6	21 17 23	17°47'43	8♎28	22°13	25°21	1°43	8°54	17° 7	23°57	19°35	0°53	10°48	11°41	5°19	15°21	M 6
T 7	21 21 19	18°45'40	22°58	21°18	24°47	2°22	8°55	17°12	23°56	19°33	0°D53	10°49	11°38	5°26	15°27	T 7
W 8	21 25 16	19°43'37	7♏14	20°23	24°11	3° 0	8°57	17°17	23°55	19°32	0°53	10°50	11°35	5°33	15°32	W 8
T 9	21 29 12	20°41'36	21°14	19°28	23°35	3°39	8°58	17°22	23°55	19°31	0°53	10°R51	11°32	5°39	15°38	T 9
F 10	21 33 9	21°39'37	4♐58	18°35	22°58	4°17	9° 0	17°27	23°54	19°29	0°53	10°50	11°28	5°46	15°44	F 10
S 11	21 37 5	22°37'39	18°26	17°45	22°21	4°55	9° 1	17°32	23°53	19°28	0°53	10°49	11°25	5°53	15°50	S 11
S 12	21 41 2	23°35'42	1♑37	16°59	21°44	5°34	9° 3	17°37	23°52	19°27	0°53	10°47	11°22	5°59	15°56	S 12
M13	21 44 59	24°33'47	14°34	16°18	21° 7	6°13	9° 6	17°42	23°51	19°26	0°54	10°45	11°19	6° 6	16° 1	M13
T 14	21 48 55	25°31'54	27°16	15°43	20°30	6°51	9° 8	17°48	23°50	19°24	0°54	10°42	11°16	6°13	16° 7	T 14
W15	21 52 52	26°30'02	9♒46	15°15	19°54	7°30	9°11	17°53	23°49	19°23	0°54	10°40	11°12	6°19	16°13	W15
T 16	21 56 48	27°28'11	22° 4	14°54	19°20	8° 8	9°13	17°58	23°48	19°22	0°54	10°39	11° 9	6°26	16°18	T 16
F 17	22 0 45	28°26'23	4♓11	14°42	18°46	8°47	9°16	18° 4	23°47	19°21	0°55	10°38	11° 6	6°33	16°24	F 17
S 18	22 4 41	29°24'36	16°10	14°D38	18°14	9°26	9°19	18° 9	23°46	19°20	0°55	10°D38	11° 3	6°39	16°29	S 18
S 19	22 8 38	0♍22'51	28° 3	14°44	17°43	10° 4	9°23	18°15	23°45	19°18	0°55	10°39	11° 0	6°46	16°35	S 19
M20	22 12 34	1°21'08	9♈52	14°58	17°14	10°43	9°26	18°20	23°44	19°17	0°56	10°40	10°57	6°53	16°40	M20
T 21	22 16 31	2°19'27	21°40	15°21	16°47	11°22	9°30	18°26	23°43	19°16	0°56	10°41	10°53	6°59	16°45	T 21
W22	22 20 28	3°17'49	3♉31	15°53	16°22	12° 0	9°34	18°32	23°41	19°15	0°57	10°41	10°50	7° 6	16°51	W22
T 23	22 24 24	4°16'12	15°29	16°33	15°58	12°39	9°38	18°37	23°40	19°14	0°57	10°42	10°47	7°13	16°56	T 23
F 24	22 28 21	5°14'37	27°38	17°22	15°38	13°18	9°42	18°43	23°39	19°13	0°58	10°42	10°44	7°19	17° 1	F 24
S 25	22 32 17	6°13'05	10♊ 3	18°18	15°19	13°57	9°46	18°49	23°37	19°12	0°58	10°R42	10°41	7°26	17° 6	S 25
S 26	22 36 14	7°11'35	22°47	19°22	15° 3	14°36	9°51	18°55	23°36	19°11	0°59	10°42	10°38	7°33	17°11	S 26
M27	22 40 10	8°10'07	5♋55	20°32	14°49	15°15	9°55	19° 1	23°34	19°10	0°59	10°42	10°34	7°39	17°16	M27
T 28	22 44 7	9° 8'42	19°29	21°49	14°38	15°54	10° 0	19° 7	23°33	19° 9	1° 0	10°42	10°31	7°46	17°21	T 28
W29	22 48 3	10° 7'19	3♌30	23°12	14°29	16°33	10° 5	19°13	23°31	19° 8	1° 1	10°42	10°28	7°53	17°26	W29
T 30	22 52 0	11° 5'57	17°55	24°39	14°22	17°12	10°10	19°19	23°30	19° 8	1° 2	10°D42	10°25	7°59	17°31	T 30
F 31	22 55 56	12♍ 4'38	2♍41	26♌10	14♌18	17♍51	10♐15	19♎25	23♈28	19♑ 7	1♐ 2	10°R42	10♍22	8♈ 6	17♋36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17n 1	17n30	3s44	8n36	4s34	5n38	7s 4	13n 2	1n 4	21s36	0n18	4s24	2n24	8n49	0s35	21s46	0n21	10s40	9n59	7n32	7n 7	0n 4	17n22	5s24
T 2	16 44	15 18	2 42	8 46	4 37	5 37	7 14	12 49	1 3	21 36	0 18	4 26	2 24	8 49	0 35	21 46	0 21	10 40	9 59	7 33	7 8	0 6	17 21	5 24
F 3	16 27	12 5	1 29	8 59	4 38	5 37	7 25	12 35	1 3	21 36	0 18	4 27	2 24	8 48	0 35	21 46	0 21	10 41	9 58	7 34	7 9	0 8	17 20	5 25
S 4	16 10	8 4	0 10	9 15	4 37	5 38	7 34	12 21	1 3	21 36	0 18	4 29	2 24	8 48	0 35	21 47	0 21	10 41	9 58	7 34	7 11	0 10	17 19	5 25
S 5	15 52	3 34	1n11	9 34	4 34	5 40	7 44	12 7	1 2	21 37	0 17	4 31	2 23	8 48	0 35	21 47	0 21	10 41	9 58	7 34	7 12	0 12	17 18	5 25
M 6	15 35	1s 8	2 27	9 55	4 30	5 43	7 52	11 53	1 2	21 37	0 17	4 33	2 23	8 48	0 35	21 47	0 21	10 42	9 57	7 33	7 13	0 14	17 17	5 26
T 7	15 17	5 41	3 32	10 19	4 23	5 47	7 59	11 39	1 2	21 37	0 17	4 35	2 23	8 48	0 35	21 47	0 21	10 42	9 57	7 33	7 14	0 16	17 16	5 26
W 8	14 59	9 51	4 23	10 44	4 15	5 53	8 6	11 25	1 1	21 38	0 17	4 37	2 23	8 47	0 35	21 47	0 21	10 43	9 56	7 32	7 15	0 18	17 15	5 26
T 9	14 40	13 22	4 58	11 11	4 5	5 59	8 12	11 10	1 1	21 38	0 17	4 39	2 23	8 47	0 35	21 48	0 21	10 43	9 56	7 32	7 17	0 19	17 14	5 26
F 10	14 22	16 5	5 14	11 39	3 53	6 5	8 18	10 56	1 1	21 39	0 17	4 42	2 22	8 47	0 35	21 48	0 21	10 43	9 56	7 32	7 18	0 21	17 13	5 27
S 11	14 3	17 52	5 13	12 7	3 39	6 13	8 22	10 41	1 0	21 39	0 16	4 44	2 22	8 46	0 35	21 48	0 21	10 44	9 55	7 33	7 19	0 23	17 12	5 27
S 12	13 44	18 38	4 55	12 35	3 24	6 22	8 25	10 27	1 0	21 39	0 16	4 46	2 22	8 46	0 35	21 48	0 21	10 44	9 55	7 34	7 20	0 25	17 11	5 28
M13	13 24	18 25	4 23	13 3	3 8	6 31	8 28	10 12	1 0	21 40	0 16	4 48	2 22	8 46	0 35	21 48	0 21	10 45	9 54	7 35	7 22	0 27	17 10	5 28
T 14	13 5	17 15	3 38	13 30	2 51	6 40	8 29	9 58	0 59	21 41	0 16	4 50	2 22	8 45	0 35	21 49	0 21	10 45	9 54	7 35	7 23	0 29	17 9	5 28
W15	12 45	15 17	2 43	13 55	2 32	6 51	8 30	9 43	0 59	21 41	0 16	4 52	2 21	8 45	0 35	21 49	0 21	10 46	9 53	7 36	7 24	0 31	17 8	5 29
T 16	12 25	12 38	1 41	14 19	2 14	7 2	8 30	9 28	0 59	21 42	0 15	4 55	2 21	8 45	0 35	21 49	0 21	10 46	9 53	7 37	7 25	0 33	17 7	5 29
F 17	12 5	9 28	0 36	14 41	1 55	7 13	8 28	9 13	0 58	21 42	0 15	4 57	2 21	8 44	0 35	21 49	0 21	10 47	9 53	7 37	7 26	0 35	17 6	5 29
S 18	11 44	5 57	0s31	15 0	1 36	7 24	8 26	8 58	0 58	21 43	0 15	4 59	2 21	8 44	0 35	21 49	0 21	10 47	9 52	7 37	7 28	0 37	17 5	5 30
S 19	11 24	2 14	1 35	15 16	1 17	7 36	8 24	8 43	0 58	21 44	0 15	5 1	2 21	8 43	0 35	21 50	0 21	10 48	9 52	7 37	7 29	0 39	17 4	5 30
M20	11 3	1n33	2 35	15 30	0 59	7 48	8 20	8 28	0 57	21 44	0 15	5 4	2 21	8 43	0 35	21 50	0 21	10 48	9 51	7 36	7 30	0 40	17 3	5 31
T 21	10 42	5 16	3 29	15 40	0 41	8 0	8 16	8 13	0 57	21 45	0 15	5 6	2 20	8 42	0 35	21 50	0 21	10 49	9 51	7 36	7 31	0 42	17 2	5 31
W22	10 21	8 47	4 13	15 47	0 24	8 13	8 10	7 58	0 57	21 46	0 14	5 8	2 20	8 42	0 35	21 50	0 21	10 49	9 50	7 36	7 32	0 44	17 1	5 31
T 23	10 0	11 58	4 48	15 50	0 7	8 25	8 5	7 43	0 56	21 46	0 14	5 11	2 20	8 41	0 35	21 50	0 21	10 50	9 50	7 36	7 34	0 46	17 0	5 32
F 24	9 38	14 42	5 10	15 50	0n 8	8 37	7 58	7 27	0 56	21 47	0 14	5 13	2 20	8 41	0 35	21 50	0 21	10 50	9 50	7 35	7 35	0 48	16 59	5 32
S 25	9 17	16 50	5 18	15 47	0 23	8 49	7 51	7 12	0 56	21 48	0 14	5 15	2 20	8 40	0 35	21 51	0 20	10 51	9 49	7 35	7 36	0 50	16 58	5 33
S 26	8 55	18 12	5 11	15 40	0 36	9 1	7 44	6 57	0 55	21 49	0 14	5 18	2 20	8 40	0 35	21 51	0 20	10 51	9 49	7 35	7 37	0 52	16 57	5 33
M27	8 33	18 38	4 48	15 29	0 48	9 12	7 36	6 41	0 55	21 50	0 14	5 20	2 19	8 39	0 35	21 51	0 20	10 52	9 48	7 36	7 38	0 54	16 56	5 34
T 28	8 11	18 3	4 8	15 15	1 0	9 23	7 27	6 26	0 55	21 51	0 14	5 23	2 19	8 39	0 35	21 51	0 20	10 52	9 48	7 36	7 40	0 56	16 55	5 34
W29	7 49	16 21	3 13	14 57	1 10	9 34	7 19	6 10	0 54	21 52	0 13	5 25	2 19	8 38	0 35	21 51	0 20	10 53	9 48	7 36	7 41	0 58	16 54	5 34
T 30	7 26	13 35	2 3	14 36	1 18	9 45	7 10	5 54	0 54	21 52	0 13	5 27	2 19	8 37	0 35	21 51	0 20	10 53	9 47	7 36	7 42	1 0	16 52	5 35
F 31	7n 4	9n53	0s44	14n13	1n26	9n55	7s 0	5n39	0n53	21s53	0n13	5s30	2n19	8n37	0s35	21s52	0n20	10s54	9n47	7n36	7n43	1n 2	16n51	5s35

Julian Day Number = 2090537.5, Delta T = 23m28s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'49, Lahiri = 10°04'49 Julian Calendar 1 Aug. 1011 == Greg. Calendar 7 Aug. 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

SEPTEMBER 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 59 53	13♍ 3'21	17♍41	27♌46	14°D16	18♍30	10♐21	19♎32	23°R26	19°R 6	1♐ 3	10°R42	10♍18	8♈13	17♋41	S 1
S 2	23 3 50	14° 2'06	2♎47	29°25	14♌17	19° 9	10°27	19°38	23♈25	19♑ 5	1° 4	10♍42	10°15	8°19	17°45	S 2
M 3	23 7 46	15° 0'53	17°50	1♍ 6	14°20	19°48	10°32	19°44	23°23	19° 4	1° 5	10°41	10°12	8°26	17°50	M 3
T 4	23 11 43	15°59'41	2♏40	2°49	14°25	20°28	10°38	19°51	23°21	19° 4	1° 6	10°41	10° 9	8°33	17°54	T 4
W 5	23 15 39	16°58'32	17°13	4°35	14°32	21° 7	10°45	19°57	23°19	19° 3	1° 7	10°40	10° 6	8°39	17°59	W 5
T 6	23 19 36	17°57'24	1♐24	6°21	14°42	21°46	10°51	20° 3	23°17	19° 2	1° 8	10°40	10° 3	8°46	18° 3	T 6
F 7	23 23 32	18°56'18	15°11	8° 9	14°54	22°25	10°57	20°10	23°15	19° 2	1° 9	10°D39	9°59	8°53	18° 8	F 7
S 8	23 27 29	19°55'14	28°34	9°57	15° 7	23° 5	11° 4	20°16	23°13	19° 1	1°10	10°39	9°56	8°59	18°12	S 8
S 9	23 31 25	20°54'12	11♑35	11°46	15°23	23°44	11°11	20°23	23°12	19° 1	1°11	10°40	9°53	9° 6	18°16	S 9
M10	23 35 22	21°53'11	24°18	13°35	15°41	24°23	11°17	20°30	23°10	19° 0	1°12	10°41	9°50	9°13	18°20	M10
T 11	23 39 19	22°52'13	6♒45	15°24	16° 1	25° 3	11°24	20°36	23° 8	19° 0	1°13	10°42	9°47	9°19	18°24	T 11
W12	23 43 15	23°51'16	18°59	17°12	16°22	25°42	11°32	20°43	23° 5	18°59	1°14	10°43	9°44	9°26	18°28	W12
T 13	23 47 12	24°50'21	1♓ 4	19° 1	16°46	26°22	11°39	20°50	23° 3	18°59	1°15	10°44	9°40	9°33	18°32	T 13
F 14	23 51 8	25°49'28	13° 1	20°49	17°11	27° 1	11°46	20°56	23° 1	18°58	1°16	10°R44	9°37	9°39	18°36	F 14
S 15	23 55 5	26°48'37	24°53	22°36	17°38	27°41	11°54	21° 3	22°59	18°58	1°18	10°43	9°34	9°46	18°40	S 15
S 16	23 59 1	27°47'48	6♈43	24°23	18° 6	28°20	12° 2	21°10	22°57	18°58	1°19	10°42	9°31	9°53	18°43	S 16
M17	0 2 58	28°47'01	18°31	26° 9	18°36	29° 0	12°10	21°17	22°55	18°57	1°20	10°40	9°28	9°59	18°47	M17
T 18	0 6 54	29°46'17	0♉22	27°55	19° 8	29°40	12°18	21°24	22°53	18°57	1°21	10°37	9°24	10° 6	18°51	T 18
W19	0 10 51	0♎45'34	12°16	29°40	19°41	0♎19	12°26	21°30	22°50	18°57	1°23	10°34	9°21	10°12	18°54	W19
T 20	0 14 47	1°44'54	24°16	1♎24	20°15	0°59	12°34	21°37	22°48	18°57	1°24	10°30	9°18	10°19	18°58	T 20
F 21	0 18 44	2°44'17	6♊27	3° 7	20°51	1°39	12°42	21°44	22°46	18°56	1°25	10°28	9°15	10°26	19° 1	F 21
S 22	0 22 41	3°43'42	18°50	4°50	21°28	2°19	12°51	21°51	22°44	18°56	1°27	10°26	9°12	10°32	19° 4	S 22
S 23	0 26 37	4°43'09	1♋30	6°32	22° 7	2°58	13° 0	21°58	22°41	18°56	1°28	10°D25	9° 9	10°39	19° 7	S 23
M24	0 30 34	5°42'38	14°31	8°14	22°46	3°38	13° 8	22° 5	22°39	18°56	1°30	10°25	9° 5	10°46	19°10	M24
T 25	0 34 30	6°42'10	27°56	9°54	23°27	4°18	13°17	22°12	22°37	18°56	1°31	10°26	9° 2	10°52	19°13	T 25
W26	0 38 27	7°41'44	11♌47	11°34	24° 9	4°58	13°26	22°19	22°34	18°D56	1°33	10°28	8°59	10°59	19°16	W26
T 27	0 42 23	8°41'21	26° 4	13°14	24°52	5°38	13°36	22°26	22°32	18°56	1°34	10°29	8°56	11° 6	19°19	T 27
F 28	0 46 20	9°40'59	10♍46	14°52	25°36	6°18	13°45	22°33	22°30	18°56	1°36	10°R30	8°53	11°12	19°22	F 28
S 29	0 50 16	10°40'40	25°47	16°30	26°21	6°58	13°54	22°40	22°27	18°56	1°38	10°29	8°49	11°19	19°24	S 29
S 30	0 54 13	11♎40'23	11♎ 0	18♎ 7	27♌ 7	7♎38	14♐ 4	22♎47	22♈25	18♑56	1♐39	10♍26	8♍46	11♈26	19♋27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n41	5n29	0n39	13n46	1n33	10n 5	6s50	5n23	0n53	21s54	0n13	5s32	2n19	8n36	0s35	21s52	0n20	10s54	9n46	7n36	7n45	1n 3	16n50	5s36
S 2	6 19	0 43	2 0	13 16	1 38	10 14	6 41	5 7	0 53	21 55	0 13	5 35	2 19	8 36	0 35	21 52	0 20	10 55	9 46	7 36	7 46	1 5	16 49	5 36
M 3	5 56	4s 4	3 12	12 45	1 43	10 23	6 31	4 52	0 52	21 56	0 13	5 37	2 18	8 35	0 35	21 52	0 20	10 55	9 45	7 36	7 47	1 7	16 48	5 37
T 4	5 33	8 32	4 11	12 11	1 47	10 31	6 20	4 36	0 52	21 57	0 12	5 40	2 18	8 34	0 35	21 52	0 20	10 56	9 45	7 36	7 48	1 9	16 47	5 37
W 5	5 10	12 24	4 52	11 34	1 49	10 39	6 10	4 20	0 52	21 58	0 12	5 42	2 18	8 33	0 35	21 52	0 20	10 57	9 45	7 36	7 49	1 11	16 46	5 38
T 6	4 47	15 26	5 13	10 57	1 51	10 47	5 59	4 4	0 51	21 59	0 12	5 45	2 18	8 33	0 35	21 52	0 20	10 57	9 44	7 36	7 51	1 13	16 45	5 38
F 7	4 24	17 29	5 17	10 17	1 52	10 53	5 49	3 48	0 51	22 0	0 12	5 48	2 18	8 32	0 35	21 52	0 20	10 58	9 44	7 37	7 52	1 15	16 44	5 39
S 8	4 1	18 31	5 2	9 36	1 52	10 59	5 38	3 32	0 50	22 1	0 12	5 50	2 18	8 31	0 35	21 52	0 20	10 58	9 43	7 37	7 53	1 17	16 43	5 39
S 9	3 37	18 32	4 33	8 54	1 51	11 5	5 28	3 16	0 50	22 3	0 12	5 53	2 18	8 31	0 35	21 53	0 20	10 59	9 43	7 36	7 54	1 19	16 42	5 40
M10	3 14	17 35	3 50	8 11	1 50	11 10	5 17	3 0	0 50	22 4	0 12	5 55	2 18	8 30	0 35	21 53	0 20	11 0	9 43	7 36	7 55	1 21	16 41	5 40
T 11	2 51	15 49	2 58	7 27	1 48	11 15	5 6	2 44	0 49	22 5	0 11	5 58	2 18	8 29	0 35	21 53	0 20	11 0	9 42	7 36	7 57	1 23	16 40	5 41
W12	2 27	13 21	1 58	6 42	1 46	11 18	4 56	2 28	0 49	22 6	0 11	6 0	2 17	8 28	0 35	21 53	0 20	11 1	9 42	7 35	7 58	1 25	16 39	5 41
T 13	2 4	10 19	0 53	5 57	1 43	11 22	4 45	2 12	0 48	22 7	0 11	6 3	2 17	8 28	0 35	21 53	0 20	11 1	9 42	7 35	7 59	1 26	16 38	5 42
F 14	1 40	6 54	0s13	5 11	1 40	11 24	4 35	1 56	0 48	22 8	0 11	6 6	2 17	8 27	0 35	21 53	0 20	11 2	9 41	7 35	8 0	1 28	16 37	5 43
S 15	1 16	3 14	1 18	4 25	1 36	11 26	4 24	1 39	0 48	22 9	0 11	6 8	2 17	8 26	0 35	21 53	0 20	11 3	9 41	7 35	8 1	1 30	16 36	5 43
S 16	0 53	0n33	2 19	3 39	1 32	11 27	4 14	1 23	0 47	22 11	0 11	6 11	2 17	8 25	0 35	21 53	0 20	11 3	9 40	7 36	8 3	1 32	16 34	5 44
M17	0 29	4 18	3 14	2 52	1 27	11 28	4 4	1 7	0 47	22 12	0 11	6 14	2 17	8 24	0 36	21 53	0 20	11 4	9 40	7 36	8 4	1 34	16 33	5 44
T 18	0 5	7 54	4 1	2 6	1 23	11 28	3 53	0 51	0 46	22 13	0 10	6 16	2 17	8 24	0 36	21 53	0 20	11 4	9 40	7 38	8 5	1 36	16 32	5 45
W19	0s18	11 11	4 38	1 19	1 18	11 28	3 43	0 34	0 46	22 14	0 10	6 19	2 17	8 23	0 36	21 53	0 20	11 5	9 39	7 39	8 6	1 38	16 31	5 45
T 20	0 42	14 3	5 2	0 33	1 12	11 26	3 33	0 18	0 46	22 15	0 10	6 22	2 17	8 22	0 36	21 53	0 20	11 6	9 39	7 40	8 7	1 40	16 30	5 46
F 21	1 6	16 20	5 14	0s14	1 7	11 25	3 23	0 2	0 45	22 17	0 10	6 24	2 17	8 21	0 36	21 53	0 20	11 6	9 39	7 41	8 9	1 42	16 29	5 46
S 22	1 29	17 55	5 12	1 0	1 1	11 22	3 13	0s14	0 45	22 18	0 10	6 27	2 17	8 20	0 36	21 53	0 20	11 7	9 38	7 42	8 10	1 44	16 28	5 47
S 23	1 53	18 39	4 54	1 46	0 55	11 19	3 4	0 31	0 44	22 19	0 10	6 30	2 16	8 19	0 36	21 54	0 20	11 8	9 38	7 42	8 11	1 46	16 27	5 48
M24	2 17	18 27	4 21	2 32	0 49	11 15	2 54	0 47	0 44	22 20	0 10	6 32	2 16	8 18	0 36	21 54	0 20	11 8	9 37	7 42	8 12	1 48	16 26	5 48
T 25	2 40	17 12	3 33	3 18	0 42	11 11	2 45	1 3	0 43	22 21	0 9	6 35	2 16	8 18	0 36	21 54	0 20	11 9	9 37	7 42	8 13	1 50	16 25	5 49
W26	3 4	14 55	2 31	4 3	0 36	11 6	2 35	1 20	0 43	22 23	0 9	6 38	2 16	8 17	0 36	21 54	0 20	11 9	9 37	7 41	8 15	1 51	16 24	5 49
T 27	3 28	11 40	1 18	4 48	0 30	11 0	2 26	1 36	0 43	22 24	0 9	6 40	2 16	8 16	0 36	21 54	0 20	11 10	9 36	7 41	8 16	1 53	16 23	5 50
F 28	3 51	7 36	0n 1	5 32	0 23	10 54	2 17	1 52	0 42	22 25	0 9	6 43	2 16	8 15	0 36	21 54	0 20	11 11	9 36	7 40	8 17	1 55	16 22	5 51
S 29	4 15	2 57	1 23	6 16	0 16	10 48	2 8	2 9	0 42	22 27	0 9	6 46	2 16	8 14	0 36	21 54	0 20	11 11	9 36	7 41	8 18	1 57	16 21	5 51
S 30	4s38	1s56	2n39	7s 0	0n10	10n40	1s59	2s25	0n41	22s28	0n 9	6s48	2n16	8n13	0s36	21s54	0n20	11s12	9n35	7n41	8n19	1n59	16n20	5s52

Julian Day Number = 2090568.5, Delta T = 23m27s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'53, Lahiri = 10°04'54 Julian Calendar 1 Sept. 1011 == Greg. Calendar 7 Sept. 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

OCTOBER 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 58 10	12♎40'08	26♎15	19♎44	27♌54	8♎19	14♐13	22♎55	22°R22	18♉56	1♐41	10°R23	8♍43	11♈32	19♋29	M 1
T 2	1 2 6	13°39'56	11♏22	21°20	28°42	8°59	14°23	23° 2	22♈20	18°57	1°43	10♍18	8°40	11°39	19°32	T 2
W 3	1 6 3	14°39'45	26°12	22°56	29°30	9°39	14°33	23° 9	22°17	18°57	1°44	10°13	8°37	11°46	19°34	W 3
T 4	1 9 59	15°39'35	10♐36	24°31	0♍20	10°19	14°43	23°16	22°15	18°57	1°46	10° 8	8°34	11°52	19°36	T 4
F 5	1 13 56	16°39'28	24°33	26° 5	1°10	10°59	14°53	23°23	22°13	18°57	1°48	10° 5	8°30	11°59	19°39	F 5
S 6	1 17 52	17°39'23	8♑ 1	27°39	2° 1	11°40	15° 3	23°30	22°10	18°58	1°49	10° 3	8°27	12° 6	19°41	S 6
S 7	1 21 49	18°39'19	21° 3	29°12	2°53	12°20	15°13	23°38	22° 8	18°58	1°51	10°D 2	8°24	12°13	19°42	S 7
M 8	1 25 45	19°39'16	3♒41	0♏45	3°45	13° 0	15°24	23°45	22° 5	18°58	1°53	10° 3	8°21	12°19	19°44	M 8
T 9	1 29 42	20°39'16	16° 1	2°18	4°39	13°41	15°34	23°52	22° 3	18°59	1°55	10° 5	8°18	12°26	19°46	T 9
W10	1 33 39	21°39'17	28° 6	3°50	5°32	14°21	15°45	23°59	22° 0	18°59	1°57	10° 6	8°15	12°33	19°48	W10
T 11	1 37 35	22°39'19	10♓ 3	5°21	6°27	15° 2	15°56	24° 6	21°58	19° 0	1°59	10°R 7	8°11	12°39	19°49	T 11
F 12	1 41 32	23°39'24	21°53	6°52	7°22	15°42	16° 6	24°13	21°55	19° 0	2° 1	10° 6	8° 8	12°46	19°51	F 12
S 13	1 45 28	24°39'30	3♈41	8°22	8°18	16°23	16°17	24°21	21°53	19° 1	2° 2	10° 3	8° 5	12°53	19°52	S 13
S 14	1 49 25	25°39'38	15°30	9°52	9°14	17° 3	16°28	24°28	21°50	19° 1	2° 4	9°58	8° 2	12°59	19°53	S 14
M15	1 53 21	26°39'48	27°22	11°22	10°11	17°44	16°39	24°35	21°48	19° 2	2° 6	9°51	7°59	13° 6	19°55	M15
T 16	1 57 18	27°40'00	9♉18	12°51	11° 9	18°25	16°51	24°42	21°45	19° 3	2° 8	9°42	7°55	13°13	19°56	T 16
W17	2 1 14	28°40'13	21°20	14°19	12° 7	19° 5	17° 2	24°49	21°43	19° 3	2°10	9°32	7°52	13°19	19°57	W17
T 18	2 5 11	29°40'29	3♊29	15°47	13° 5	19°46	17°13	24°57	21°40	19° 4	2°12	9°23	7°49	13°26	19°58	T 18
F 19	2 9 8	0♏40'46	15°47	17°14	14° 4	20°27	17°25	25° 4	21°38	19° 5	2°14	9°14	7°46	13°33	19°59	F 19
S 20	2 13 4	1°41'06	28°16	18°41	15° 4	21° 8	17°36	25°11	21°36	19° 6	2°16	9° 7	7°43	13°39	19°59	S 20
S 21	2 17 1	2°41'28	10♋58	20° 8	16° 4	21°49	17°48	25°18	21°33	19° 7	2°18	9° 2	7°40	13°46	20° 0	S 21
M22	2 20 57	3°41'51	23°56	21°33	17° 4	22°30	17°59	25°25	21°31	19° 7	2°20	9° 0	7°36	13°53	20° 0	M22
T 23	2 24 54	4°42'17	7♌13	22°58	18° 5	23°11	18°11	25°32	21°28	19° 8	2°23	8°D59	7°33	13°59	20° 1	T 23
W24	2 28 50	5°42'44	20°52	24°22	19° 6	23°52	18°23	25°40	21°26	19° 9	2°25	9° 0	7°30	14° 6	20° 1	W24
T 25	2 32 47	6°43'14	4♍54	25°46	20° 8	24°33	18°35	25°47	21°24	19°10	2°27	9°R 1	7°27	14°13	20° 1	T 25
F 26	2 36 43	7°43'45	19°19	27° 8	21°10	25°14	18°47	25°54	21°21	19°11	2°29	9° 0	7°24	14°19	20° 2	F 26
S 27	2 40 40	8°44'18	4♎ 6	28°30	22°13	25°55	18°59	26° 1	21°19	19°12	2°31	8°58	7°20	14°26	20°R 2	S 27
S 28	2 44 36	9°44'53	19° 8	29°50	23°16	26°36	19°11	26° 8	21°17	19°13	2°33	8°53	7°17	14°33	20° 1	S 28
M29	2 48 33	10°45'30	4♏18	1♐10	24°19	27°17	19°23	26°15	21°14	19°14	2°35	8°45	7°14	14°39	20° 1	M29
T 30	2 52 30	11°46'08	19°26	2°28	25°23	27°58	19°36	26°22	21°12	19°15	2°37	8°36	7°11	14°46	20° 1	T 30
W31	2 56 26	12♏46'48	4♐21	3♐44	26♍26	28♎40	19♐48	26♎29	21♈10	19♉16	2♐40	8♍26	7♍ 8	14♈53	20♋ 1	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s 2	6s42	3n45	7s43	0n 3	10n32	1s51	2s41	0n41	22s29	0n 9	6s51	2n16	8n12	0s36	21s54	0n20	11s13	9n35	7n43	8n21	2n 1	16n19	5s52
T 2	5 25	10 59	4 33	8 25	0s 4	10 24	1 42	2 57	0 40	22 30	0 8	6 54	2 16	8 11	0 36	21 54	0 20	11 13	9 35	7 45	8 22	2 3	16 19	5 53
W 3	5 48	14 30	5 3	9 8	0 11	10 15	1 34	3 14	0 40	22 32	0 8	6 56	2 16	8 10	0 36	21 54	0 20	11 14	9 34	7 47	8 23	2 5	16 18	5 54
T 4	6 12	17 0	5 12	9 49	0 17	10 5	1 26	3 30	0 40	22 33	0 8	6 59	2 16	8 9	0 36	21 54	0 20	11 15	9 34	7 48	8 24	2 7	16 17	5 54
F 5	6 35	18 25	5 2	10 30	0 24	9 55	1 17	3 46	0 39	22 34	0 8	7 2	2 16	8 9	0 36	21 54	0 20	11 15	9 34	7 50	8 25	2 9	16 16	5 55
S 6	6 58	18 44	4 36	11 10	0 31	9 44	1 10	4 3	0 39	22 35	0 8	7 4	2 16	8 8	0 36	21 54	0 20	11 16	9 33	7 51	8 27	2 11	16 15	5 56
S 7	7 21	18 2	3 56	11 50	0 38	9 32	1 2	4 19	0 38	22 37	0 8	7 7	2 16	8 7	0 36	21 54	0 20	11 16	9 33	7 51	8 28	2 13	16 14	5 56
M 8	7 44	16 26	3 5	12 29	0 44	9 21	0 54	4 35	0 38	22 38	0 8	7 10	2 16	8 6	0 36	21 54	0 20	11 17	9 33	7 50	8 29	2 15	16 13	5 57
T 9	8 6	14 6	2 7	13 8	0 51	9 8	0 47	4 51	0 37	22 39	0 8	7 12	2 16	8 5	0 36	21 53	0 19	11 18	9 33	7 50	8 30	2 16	16 12	5 57
W10	8 29	11 11	1 5	13 45	0 57	8 55	0 39	5 7	0 37	22 40	0 7	7 15	2 16	8 4	0 36	21 53	0 19	11 18	9 32	7 49	8 31	2 18	16 11	5 58
T 11	8 52	7 50	0 0	14 22	1 4	8 42	0 32	5 24	0 36	22 42	0 7	7 18	2 16	8 3	0 35	21 53	0 19	11 19	9 32	7 49	8 33	2 20	16 10	5 59
F 12	9 14	4 12	1s 3	14 59	1 10	8 28	0 25	5 40	0 36	22 43	0 7	7 20	2 16	8 2	0 35	21 53	0 19	11 20	9 32	7 49	8 34	2 22	16 10	5 59
S 13	9 36	0 25	2 4	15 34	1 16	8 13	0 18	5 56	0 35	22 44	0 7	7 23	2 16	8 1	0 35	21 53	0 19	11 20	9 31	7 50	8 35	2 24	16 9	6 0
S 14	9 58	3n23	3 0	16 9	1 22	7 58	0 11	6 12	0 35	22 45	0 7	7 26	2 16	8 0	0 35	21 53	0 19	11 21	9 31	7 52	8 36	2 26	16 8	6 1
M15	10 20	7 3	3 47	16 43	1 28	7 43	0 5	6 28	0 34	22 47	0 7	7 28	2 16	7 59	0 35	21 53	0 19	11 22	9 31	7 55	8 37	2 28	16 7	6 1
T 16	10 42	10 29	4 25	17 16	1 34	7 27	0n 2	6 44	0 34	22 48	0 7	7 31	2 16	7 58	0 35	21 53	0 19	11 22	9 31	7 58	8 39	2 30	16 6	6 2
W17	11 4	13 30	4 51	17 48	1 40	7 11	0 8	7 0	0 33	22 49	0 7	7 34	2 16	7 58	0 35	21 53	0 19	11 23	9 30	8 2	8 40	2 32	16 6	6 3
T 18	11 25	15 58	5 5	18 20	1 45	6 54	0 14	7 16	0 33	22 50	0 7	7 36	2 16	7 57	0 35	21 53	0 19	11 23	9 30	8 6	8 41	2 34	16 5	6 3
F 19	11 46	17 45	5 5	18 50	1 51	6 36	0 20	7 32	0 32	22 52	0 6	7 39	2 16	7 56	0 35	21 53	0 19	11 24	9 30	8 9	8 42	2 36	16 4	6 4
S 20	12 7	18 43	4 50	19 20	1 56	6 19	0 26	7 48	0 32	22 53	0 6	7 41	2 16	7 55	0 35	21 53	0 19	11 25	9 30	8 12	8 43	2 38	16 3	6 5
S 21	12 28	18 47	4 21	19 48	2 1	6 1	0 32	8 3	0 31	22 54	0 6	7 44	2 16	7 54	0 35	21 53	0 19	11 25	9 29	8 13	8 44	2 40	16 3	6 5
M22	12 49	17 52	3 38	20 16	2 5	5 42	0 37	8 19	0 31	22 55	0 6	7 47	2 16	7 53	0 35	21 53	0 19	11 26	9 29	8 14	8 46	2 42	16 2	6 6
T 23	13 9	15 57	2 42	20 42	2 10	5 23	0 43	8 35	0 30	22 56	0 6	7 49	2 16	7 52	0 35	21 52	0 19	11 27	9 29	8 14	8 47	2 44	16 1	6 7
W24	13 30	13 6	1 36	21 7	2 14	5 4	0 48	8 51	0 30	22 57	0 6	7 52	2 16	7 51	0 35	21 52	0 19	11 27	9 29	8 14	8 48	2 45	16 1	6 7
T 25	13 50	9 25	0 22	21 31	2 17	4 44	0 53	9 6	0 29	22 59	0 6	7 54	2 16	7 50	0 35	21 52	0 19	11 28	9 28	8 14	8 49	2 47	16 0	6 8
F 26	14 10	5 5	0n55	21 54	2 21	4 24	0 58	9 22	0 29	23 0	0 6	7 57	2 16	7 50	0 35	21 52	0 19	11 28	9 28	8 14	8 50	2 49	15 59	6 8
S 27	14 29	0 21	2 10	22 16	2 24	4 4	1 3	9 37	0 28	23 1	0 5	7 59	2 16	7 49	0 35	21 52	0 19	11 29	9 28	8 15	8 52	2 51	15 59	6 9
S 28	14 49	4s29	3 17	22 37	2 27	3 43	1 7	9 53	0 28	23 2	0 5	8 2	2 16	7 48	0 35	21 52	0 19	11 30	9 28	8 17	8 53	2 53	15 58	6 10
M29	15 8	9 5	4 11	22 56	2 29	3 22	1 12	10 8	0 27	23 3	0 5	8 4	2 16	7 47	0 35	21 52	0 19	11 30	9 28	8 20	8 54	2 55	15 57	6 10
T 30	15 27	13 4	4 47	23 14	2 31	3 1	1 16	10 24	0 27	23 4	0 5	8 7	2 16	7 46	0 35	21 52	0 19	11 31	9 27	8 23	8 55	2 57	15 57	6 11
W31	15s45	16s10	5n 3	23s30	2s32	2n39	1n21	10s39	0n26	23s 5	0n 5	8s 9	2n16	7n45	0s35	21s51	0n19	11s31	9n27	8n27	8n56	2n59	15n56	6s12

Julian Day Number = 2090598.5, Delta T = 23m27s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°57'57, Lahiri = 10°04'58 Julian Calendar 1 Oct. 1011 == Greg. Calendar 7 Oct. 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

NOVEMBER 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 0 23	13♏47'29	18♐54	4♐58	27♍31	29♎21	20♐ 0	26♎36	21°R 8	19♑18	2♐42	8°R16	7♍ 5	14♈59	20°R 0	T 1
F 2	3 4 19	14°48'12	2♑59	6°11	28°35	0♏ 2	20°13	26°43	21♈ 5	19°19	2°44	8♍ 7	7° 1	15° 6	20♋ 0	F 2
S 3	3 8 16	15°48'55	16°35	7°21	29°40	0°44	20°25	26°50	21° 3	19°20	2°46	8° 1	6°58	15°13	19°59	S 3
S 4	3 12 12	16°49'40	29°42	8°28	0♎45	1°25	20°38	26°57	21° 1	19°21	2°49	7°58	6°55	15°19	19°58	S 4
M 5	3 16 9	17°50'26	12♒24	9°33	1°51	2° 7	20°51	27° 4	20°59	19°23	2°51	7°56	6°52	15°26	19°57	M 5
T 6	3 20 6	18°51'13	24°44	10°34	2°56	2°48	21° 3	27°11	20°57	19°24	2°53	7°D56	6°49	15°33	19°57	T 6
W 7	3 24 2	19°52'01	6♓48	11°31	4° 2	3°30	21°16	27°18	20°55	19°25	2°55	7°R56	6°46	15°39	19°56	W 7
T 8	3 27 59	20°52'50	18°42	12°24	5° 8	4°11	21°29	27°24	20°53	19°27	2°57	7°56	6°42	15°46	19°54	T 8
F 9	3 31 55	21°53'40	0♈30	13°12	6°15	4°53	21°42	27°31	20°51	19°28	3° 0	7°54	6°39	15°53	19°53	F 9
S 10	3 35 52	22°54'31	12°18	13°54	7°22	5°35	21°55	27°38	20°49	19°29	3° 2	7°49	6°36	15°59	19°52	S 10
S 11	3 39 48	23°55'23	24° 8	14°30	8°29	6°16	22° 8	27°45	20°47	19°31	3° 4	7°41	6°33	16° 6	19°50	S 11
M12	3 43 45	24°56'16	6♉ 5	14°58	9°36	6°58	22°21	27°51	20°45	19°32	3° 7	7°30	6°30	16°13	19°49	M12
T 13	3 47 41	25°57'11	18° 9	15°19	10°43	7°40	22°34	27°58	20°43	19°34	3° 9	7°17	6°26	16°19	19°47	T 13
W14	3 51 38	26°58'06	0♊22	15°30	11°51	8°22	22°47	28° 5	20°41	19°35	3°11	7° 3	6°23	16°26	19°46	W14
T 15	3 55 34	27°59'02	12°45	15°R32	12°59	9° 3	23° 0	28°11	20°39	19°37	3°13	6°49	6°20	16°33	19°44	T 15
F 16	3 59 31	29° 0'00	25°19	15°24	14° 7	9°45	23°14	28°18	20°37	19°39	3°16	6°36	6°17	16°39	19°42	F 16
S 17	4 3 28	0♐ 0'58	8♋ 2	15° 4	15°15	10°27	23°27	28°24	20°36	19°40	3°18	6°25	6°14	16°46	19°40	S 17
S 18	4 7 24	1° 1'58	20°56	14°34	16°24	11° 9	23°40	28°31	20°34	19°42	3°20	6°17	6°11	16°53	19°38	S 18
M19	4 11 21	2° 2'59	4♌ 2	13°52	17°32	11°51	23°54	28°37	20°32	19°44	3°23	6°12	6° 7	16°59	19°36	M19
T 20	4 15 17	3° 4'01	17°22	12°59	18°41	12°33	24° 7	28°44	20°30	19°45	3°25	6°10	6° 4	17° 6	19°34	T 20
W21	4 19 14	4° 5'04	0♍56	11°56	19°50	13°15	24°20	28°50	20°29	19°47	3°27	6° 9	6° 1	17°13	19°32	W21
T 22	4 23 10	5° 6'09	14°47	10°44	20°59	13°58	24°34	28°56	20°27	19°49	3°30	6° 9	5°58	17°20	19°29	T 22
F 23	4 27 7	6° 7'14	28°56	9°26	22° 9	14°40	24°47	29° 2	20°26	19°50	3°32	6° 8	5°55	17°26	19°27	F 23
S 24	4 31 3	7° 8'20	13♎22	8° 5	23°18	15°22	25° 1	29° 9	20°24	19°52	3°34	6° 5	5°52	17°33	19°24	S 24
S 25	4 35 0	8° 9'28	28° 1	6°42	24°28	16° 4	25°15	29°15	20°23	19°54	3°36	5°59	5°48	17°40	19°22	S 25
M26	4 38 57	9°10'36	12♏50	5°20	25°38	16°47	25°28	29°21	20°21	19°56	3°39	5°50	5°45	17°46	19°19	M26
T 27	4 42 53	10°11'45	27°39	4° 3	26°48	17°29	25°42	29°27	20°20	19°58	3°41	5°39	5°42	17°53	19°16	T 27
W28	4 46 50	11°12'55	12♐21	2°53	27°58	18°11	25°55	29°33	20°19	19°59	3°43	5°26	5°39	18° 0	19°13	W28
T 29	4 50 46	12°14'06	26°47	1°51	29° 8	18°54	26° 9	29°39	20°17	20° 1	3°46	5°14	5°36	18° 6	19°10	T 29
F 30	4 54 43	13♐15'16	10♑51	0♐59	0♏18	19♏36	26♐23	29♎45	20♈16	20♑ 3	3♐48	5♍ 3	5♍32	18♈13	19♋ 7	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s 4	18s 9	4n58	23s45	2s33	2n17	1n25	10s54	0n26	23s 6	0n 5	8s12	2n16	7n44	0s35	21s51	0n19	11s32	9n27	8n31	8n58	3n 1	15n56	6s12
F 2	16 22	18 56	4 36	23 58	2 33	1 55	1 29	11 9	0 25	23 7	0 5	8 14	2 16	7 44	0 35	21 51	0 19	11 33	9 27	8 34	8 59	3 3	15 55	6 13
S 3	16 40	18 35	3 58	24 10	2 33	1 33	1 32	11 24	0 25	23 8	0 5	8 17	2 16	7 43	0 35	21 51	0 19	11 33	9 27	8 36	9 0	3 5	15 54	6 14
S 4	16 57	17 15	3 9	24 20	2 32	1 10	1 36	11 39	0 24	23 9	0 5	8 19	2 16	7 42	0 35	21 51	0 19	11 34	9 26	8 38	9 1	3 7	15 54	6 14
M 5	17 14	15 4	2 12	24 28	2 30	0 47	1 39	11 54	0 24	23 10	0 4	8 22	2 16	7 41	0 35	21 51	0 19	11 34	9 26	8 38	9 2	3 9	15 53	6 15
T 6	17 31	12 15	1 10	24 35	2 27	0 24	1 43	12 9	0 23	23 11	0 4	8 24	2 16	7 40	0 35	21 51	0 19	11 35	9 26	8 38	9 3	3 11	15 53	6 15
W 7	17 48	8 58	0 6	24 40	2 24	0 0	1 46	12 24	0 22	23 12	0 4	8 26	2 16	7 40	0 35	21 50	0 19	11 36	9 26	8 38	9 5	3 13	15 52	6 16
T 8	18 4	5 22	0s57	24 42	2 20	0s23	1 49	12 38	0 22	23 13	0 4	8 29	2 17	7 39	0 35	21 50	0 19	11 36	9 26	8 38	9 6	3 14	15 52	6 17
F 9	18 20	1 35	1 57	24 43	2 14	0 47	1 52	12 53	0 21	23 14	0 4	8 31	2 17	7 38	0 35	21 50	0 19	11 37	9 26	8 39	9 7	3 16	15 52	6 17
S 10	18 36	2n15	2 51	24 42	2 8	1 11	1 55	13 7	0 21	23 15	0 4	8 34	2 17	7 37	0 35	21 50	0 19	11 37	9 25	8 41	9 8	3 18	15 51	6 18
S 11	18 51	6 1	3 39	24 39	2 0	1 35	1 58	13 22	0 20	23 16	0 4	8 36	2 17	7 37	0 35	21 50	0 19	11 38	9 25	8 44	9 9	3 20	15 51	6 19
M12	19 6	9 34	4 17	24 33	1 51	1 59	2 0	13 36	0 20	23 17	0 4	8 38	2 17	7 36	0 35	21 49	0 19	11 38	9 25	8 48	9 11	3 22	15 50	6 19
T 13	19 21	12 47	4 44	24 25	1 41	2 23	2 2	13 50	0 19	23 18	0 4	8 40	2 17	7 35	0 35	21 49	0 19	11 39	9 25	8 53	9 12	3 24	15 50	6 20
W14	19 35	15 29	4 58	24 15	1 29	2 48	2 5	14 4	0 18	23 19	0 4	8 43	2 17	7 35	0 35	21 49	0 19	11 39	9 25	8 58	9 13	3 26	15 50	6 20
T 15	19 49	17 31	4 58	24 2	1 16	3 12	2 7	14 18	0 18	23 19	0 3	8 45	2 17	7 34	0 35	21 49	0 19	11 40	9 25	9 3	9 14	3 28	15 49	6 21
F 16	20 2	18 45	4 44	23 46	1 1	3 37	2 9	14 32	0 17	23 20	0 3	8 47	2 17	7 33	0 35	21 49	0 19	11 40	9 25	9 8	9 15	3 30	15 49	6 21
S 17	20 16	19 3	4 16	23 28	0 45	4 2	2 11	14 46	0 17	23 21	0 3	8 49	2 17	7 33	0 35	21 48	0 19	11 41	9 25	9 12	9 16	3 32	15 49	6 22
S 18	20 28	18 23	3 35	23 7	0 27	4 27	2 12	15 0	0 16	23 22	0 3	8 52	2 17	7 32	0 35	21 48	0 19	11 42	9 24	9 15	9 18	3 34	15 48	6 23
M19	20 41	16 44	2 41	22 43	0 9	4 51	2 14	15 13	0 16	23 22	0 3	8 54	2 18	7 31	0 35	21 48	0 19	11 42	9 24	9 17	9 19	3 36	15 48	6 23
T 20	20 53	14 10	1 38	22 18	0n11	5 16	2 15	15 27	0 15	23 23	0 3	8 56	2 18	7 31	0 35	21 48	0 19	11 43	9 24	9 18	9 20	3 38	15 48	6 24
W21	21 4	10 46	0 28	21 49	0 31	5 41	2 17	15 40	0 14	23 24	0 3	8 58	2 18	7 30	0 35	21 47	0 19	11 43	9 24	9 18	9 21	3 40	15 48	6 24
T 22	21 16	6 43	0n46	21 19	0 52	6 6	2 18	15 54	0 14	23 24	0 3	9 0	2 18	7 30	0 35	21 47	0 19	11 44	9 24	9 18	9 22	3 42	15 48	6 25
F 23	21 27	2 13	1 57	20 48	1 12	6 31	2 19	16 7	0 13	23 25	0 3	9 2	2 18	7 29	0 35	21 47	0 19	11 44	9 24	9 19	9 23	3 43	15 47	6 25
S 24	21 37	2s30	3 3	20 16	1 31	6 56	2 20	16 20	0 13	23 26	0 2	9 4	2 18	7 29	0 35	21 47	0 19	11 45	9 24	9 20	9 25	3 45	15 47	6 26
S 25	21 47	7 8	3 58	19 45	1 49	7 21	2 21	16 33	0 12	23 26	0 2	9 7	2 18	7 28	0 35	21 47	0 19	11 45	9 24	9 22	9 26	3 47	15 47	6 26
M26	21 57	11 22	4 37	19 15	2 5	7 46	2 21	16 45	0 11	23 27	0 2	9 9	2 18	7 28	0 35	21 46	0 18	11 45	9 24	9 25	9 27	3 49	15 47	6 27
T 27	22 6	14 55	4 57	18 47	2 20	8 11	2 22	16 58	0 11	23 27	0 2	9 11	2 19	7 27	0 35	21 46	0 18	11 46	9 24	9 29	9 28	3 51	15 47	6 27
W28	22 14	17 28	4 58	18 22	2 32	8 35	2 23	17 10	0 10	23 28	0 2	9 13	2 19	7 27	0 35	21 46	0 18	11 46	9 24	9 34	9 29	3 53	15 47	6 28
T 29	22 23	18 52	4 40	18 0	2 42	9 0	2 23	17 23	0 10	23 29	0 2	9 15	2 19	7 26	0 35	21 46	0 18	11 47	9 24	9 38	9 31	3 55	15 47	6 28
F 30	22s31	19s 3	4n 4	17s42	2n49	9s24	2n23	17s35	0n 9	23s29	0n 2	9s16	2n19	7n26	0s34	21s45	0n18	11s47	9n24	9n42	9n32	3n57	15n47	6s29

Julian Day Number = 2090629.5, Delta T = 23m26s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'02, Lahiri = 10°05'02 Julian Calendar 1 Nov. 1011 == Greg. Calendar 7 Nov. 1011

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ASTRODIENST EPHEMERIS for the year 1011
geocentric

DECEMBER 1011 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 58 39	14♐16'28	24♉29	0°R17	1♏29	20♏19	26♐37	29♎51	20°R15	20♉ 5	3♐50	4°R55	5♍29	18♈20	19°R 4	S 1
S 2	5 2 36	15°17'39	7♒40	29♏46	2°40	21° 1	26°50	29°56	20♈14	20° 7	3°52	4♍50	5°26	18°26	19♋ 1	S 2
M 3	5 6 33	16°18'51	20°26	29°26	3°50	21°44	27° 4	0♏ 2	20°13	20° 9	3°55	4°47	5°23	18°33	18°58	M 3
T 4	5 10 29	17°20'02	2♓49	29°D17	5° 1	22°26	27°18	0° 8	20°12	20°11	3°57	4°D47	5°20	18°40	18°55	T 4
W 5	5 14 26	18°21'14	14°56	29°17	6°12	23° 9	27°32	0°13	20°11	20°13	3°59	4°R47	5°17	18°46	18°51	W 5
T 6	5 18 22	19°22'26	26°51	29°27	7°23	23°52	27°46	0°19	20°10	20°15	4° 1	4°47	5°13	18°53	18°48	T 6
F 7	5 22 19	20°23'37	8♈41	29°45	8°34	24°35	28° 0	0°24	20° 9	20°17	4° 4	4°45	5°10	19° 0	18°44	F 7
S 8	5 26 15	21°24'49	20°30	0♑10	9°46	25°17	28°13	0°30	20° 8	20°19	4° 6	4°41	5° 7	19° 6	18°41	S 8
S 9	5 30 12	22°26'01	2♉23	0°43	10°57	26° 0	28°27	0°35	20° 7	20°21	4° 8	4°35	5° 4	19°13	18°37	S 9
M10	5 34 8	23°27'12	14°24	1°22	12° 9	26°43	28°41	0°40	20° 7	20°23	4°10	4°25	5° 1	19°20	18°34	M10
T 11	5 38 5	24°28'24	26°36	2° 6	13°20	27°26	28°55	0°46	20° 6	20°25	4°12	4°14	4°58	19°26	18°30	T 11
W12	5 42 2	25°29'35	9♊ 1	2°55	14°32	28° 9	29° 9	0°51	20° 5	20°27	4°15	4° 1	4°54	19°33	18°26	W12
T 13	5 45 58	26°30'47	21°39	3°49	15°44	28°52	29°23	0°56	20° 5	20°30	4°17	3°48	4°51	19°40	18°22	T 13
F 14	5 49 55	27°31'58	4♋31	4°46	16°55	29°35	29°37	1° 1	20° 4	20°32	4°19	3°36	4°48	19°47	18°19	F 14
S 15	5 53 51	28°33'10	17°36	5°47	18° 7	0♑18	29°51	1° 6	20° 4	20°34	4°21	3°27	4°45	19°53	18°15	S 15
S 16	5 57 48	29°34'21	0♌52	6°51	19°19	1° 1	0♉ 5	1°11	20° 3	20°36	4°23	3°19	4°42	20° 0	18°11	S 16
M17	6 1 44	0♉35'32	14°18	7°58	20°31	1°44	0°19	1°15	20° 3	20°38	4°25	3°15	4°38	20° 7	18° 7	M17
T 18	6 5 41	1°36'44	27°53	9° 7	21°43	2°27	0°33	1°20	20° 2	20°40	4°28	3°D14	4°35	20°13	18° 3	T 18
W19	6 9 37	2°37'55	11♍38	10°19	22°56	3°10	0°47	1°25	20° 2	20°43	4°30	3°14	4°32	20°20	17°59	W19
T 20	6 13 34	3°39'06	25°31	11°32	24° 8	3°54	1° 1	1°29	20° 2	20°45	4°32	3°14	4°29	20°27	17°55	T 20
F 21	6 17 31	4°40'18	9♎34	12°47	25°20	4°37	1°15	1°34	20° 2	20°47	4°34	3°R15	4°26	20°33	17°50	F 21
S 22	6 21 27	5°41'29	23°45	14° 4	26°33	5°20	1°29	1°38	20° 2	20°49	4°36	3°13	4°23	20°40	17°46	S 22
S 23	6 25 24	6°42'41	8♏ 2	15°22	27°45	6° 4	1°43	1°42	20° 2	20°51	4°38	3° 9	4°19	20°47	17°42	S 23
M24	6 29 20	7°43'52	22°24	16°41	28°58	6°47	1°56	1°47	20°D 1	20°54	4°40	3° 3	4°16	20°53	17°38	M24
T 25	6 33 17	8°45'03	6♐45	18° 2	0♑11	7°30	2°10	1°51	20° 2	20°56	4°42	2°55	4°13	21° 0	17°34	T 25
W26	6 37 13	9°46'14	21° 0	19°24	1°23	8°14	2°24	1°55	20° 2	20°58	4°44	2°46	4°10	21° 7	17°29	W26
T 27	6 41 10	10°47'24	5♉ 4	20°47	2°36	8°57	2°38	1°59	20° 2	21° 0	4°46	2°37	4° 7	21°13	17°25	T 27
F 28	6 45 6	11°48'34	18°51	22°10	3°49	9°41	2°52	2° 3	20° 2	21° 3	4°48	2°29	4° 4	21°20	17°21	F 28
S 29	6 49 3	12°49'43	2♒18	23°35	5° 2	10°24	3° 6	2° 7	20° 2	21° 5	4°50	2°22	4° 0	21°27	17°17	S 29
S 30	6 53 0	13°50'52	15°24	25° 0	6°14	11° 8	3°20	2°10	20° 2	21° 7	4°52	2°19	3°57	21°34	17°12	S 30
M31	6 56 56	14♉51'59	28♒ 8	26♑27	7♑27	11♑52	3♉34	2♏14	20♈ 3	21♉ 9	4♑53	2°D17	3♍54	21♈40	17♋ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s38	18s 7	3n16	17s29	2n54	9s49	2n23	17s47	0n 8	23s29	0n 2	9s18	2n19	7n25	0s34	21s45	0n18	11s48	9n24	9n45	9n33	3n59	15n46	6s29
S 2	22 45	16 13	2 18	17 19	2 57	10 13	2 23	17 59	0 8	23 30	0 2	9 20	2 19	7 25	0 34	21 45	0 18	11 48	9 24	9 47	9 34	4 1	15 46	6 30
M 3	22 51	13 34	1 15	17 14	2 59	10 37	2 23	18 11	0 7	23 30	0 2	9 22	2 19	7 25	0 34	21 44	0 18	11 49	9 23	9 48	9 35	4 3	15 46	6 30
T 4	22 57	10 22	0 10	17 12	2 58	11 1	2 23	18 22	0 6	23 31	0 1	9 24	2 20	7 24	0 34	21 44	0 18	11 49	9 23	9 49	9 36	4 5	15 46	6 31
W 5	23 3	6 47	0s54	17 14	2 56	11 25	2 23	18 34	0 6	23 31	0 1	9 26	2 20	7 24	0 34	21 44	0 18	11 49	9 23	9 48	9 38	4 7	15 46	6 31
T 6	23 8	3 0	1 54	17 19	2 53	11 48	2 22	18 45	0 5	23 31	0 1	9 28	2 20	7 24	0 34	21 44	0 18	11 50	9 23	9 49	9 39	4 9	15 47	6 31
F 7	23 13	0n52	2 50	17 27	2 49	12 12	2 22	18 56	0 4	23 32	0 1	9 29	2 20	7 23	0 34	21 43	0 18	11 50	9 23	9 49	9 40	4 11	15 47	6 32
S 8	23 17	4 41	3 37	17 38	2 43	12 35	2 21	19 7	0 4	23 32	0 1	9 31	2 20	7 23	0 34	21 43	0 18	11 51	9 23	9 51	9 41	4 13	15 47	6 32
S 9	23 21	8 21	4 16	17 50	2 37	12 58	2 20	19 18	0 3	23 32	0 1	9 33	2 20	7 23	0 34	21 43	0 18	11 51	9 23	9 53	9 42	4 14	15 47	6 33
M10	23 24	11 43	4 44	18 5	2 31	13 21	2 20	19 29	0 3	23 33	0 1	9 34	2 20	7 22	0 34	21 42	0 18	11 51	9 23	9 56	9 43	4 16	15 47	6 33
T 11	23 27	14 39	4 59	18 21	2 24	13 43	2 19	19 40	0 2	23 33	0 1	9 36	2 21	7 22	0 34	21 42	0 18	11 52	9 23	10 1	9 45	4 18	15 47	6 33
W12	23 29	16 58	5 1	18 37	2 16	14 5	2 18	19 50	0 1	23 33	0 1	9 38	2 21	7 22	0 34	21 42	0 18	11 52	9 23	10 5	9 46	4 20	15 47	6 34
T 13	23 31	18 31	4 48	18 55	2 8	14 27	2 16	20 0	0 1	23 33	0 1	9 39	2 21	7 22	0 34	21 42	0 18	11 53	9 23	10 10	9 47	4 22	15 47	6 34
F 14	23 33	19 10	4 20	19 14	2 0	14 49	2 15	20 10	0s 0	23 33	0 0	9 41	2 21	7 22	0 34	21 41	0 18	11 53	9 24	10 14	9 48	4 24	15 47	6 34
S 15	23 33	18 48	3 38	19 33	1 52	15 10	2 14	20 20	0 1	23 34	0 0	9 42	2 21	7 21	0 34	21 41	0 18	11 53	9 24	10 18	9 49	4 26	15 48	6 35
S 16	23 34	17 25	2 43	19 52	1 44	15 31	2 13	20 30	0 1	23 34	0 0	9 44	2 22	7 21	0 34	21 41	0 18	11 54	9 24	10 20	9 50	4 28	15 48	6 35
M17	23 34	15 3	1 39	20 11	1 35	15 52	2 11	20 39	0 2	23 34	0 0	9 45	2 22	7 21	0 34	21 40	0 18	11 54	9 24	10 22	9 52	4 30	15 48	6 35
T 18	23 33	11 49	0 28	20 31	1 27	16 12	2 10	20 48	0 3	23 34	0 0	9 47	2 22	7 21	0 34	21 40	0 18	11 54	9 24	10 22	9 53	4 32	15 48	6 36
W19	23 32	7 56	0n45	20 50	1 18	16 32	2 8	20 57	0 3	23 34	0s 0	9 48	2 22	7 21	0 34	21 40	0 18	11 55	9 24	10 22	9 54	4 34	15 49	6 36
T 20	23 31	3 34	1 56	21 8	1 9	16 52	2 6	21 6	0 4	23 34	0 0	9 50	2 22	7 21	0 34	21 39	0 18	11 55	9 24	10 22	9 55	4 36	15 49	6 36
F 21	23 29	1s 2	3 2	21 27	1 1	17 11	2 4	21 15	0 5	23 34	0 0	9 51	2 22	7 21	0 34	21 39	0 18	11 55	9 24	10 22	9 56	4 38	15 49	6 36
S 22	23 26	5 36	3 56	21 45	0 52	17 30	2 3	21 24	0 6	23 34	0 0	9 52	2 23	7 21	0 34	21 39	0 18	11 55	9 24	10 23	9 57	4 40	15 49	6 37
S 23	23 24	9 53	4 37	22 2	0 44	17 48	2 1	21 32	0 6	23 34	0 0	9 54	2 23	7 21	0 34	21 38	0 18	11 56	9 24	10 24	9 59	4 42	15 50	6 37
M24	23 20	13 37	5 0	22 18	0 35	18 6	1 59	21 40	0 7	23 34	0 1	9 55	2 23	7 21	0 34	21 38	0 18	11 56	9 24	10 26	10 0	4 44	15 50	6 37
T 25	23 16	16 32	5 5	22 34	0 27	18 24	1 57	21 48	0 8	23 33	0 1	9 56	2 23	7 21	0 34	21 38	0 18	11 56	9 24	10 29	10 1	4 45	15 50	6 37
W26	23 12	18 26	4 50	22 49	0 19	18 41	1 55	21 56	0 8	23 33	0 1	9 58	2 23	7 21	0 34	21 37	0 18	11 56	9 24	10 33	10 2	4 47	15 51	6 37
T 27	23 7	19 10	4 18	23 4	0 11	18 57	1 52	22 3	0 9	23 33	0 1	9 59	2 24	7 21	0 34	21 37	0 18	11 57	9 24	10 36	10 3	4 49	15 51	6 38
F 28	23 2	18 44	3 32	23 17	0 3	19 13	1 50	22 11	0 10	23 33	0 1	10 0	2 24	7 21	0 34	21 37	0 18	11 57	9 24	10 39	10 4	4 51	15 51	6 38
S 29	22 57	17 15	2 34	23 29	0s 5	19 29	1 48	22 18	0 10	23 33	0 1	10 1	2 24	7 21	0 33	21 36	0 18	11 57	9 24	10 41	10 5	4 53	15 52	6 38
S 30	22 50	14 52	1 30	23 40	0 12	19 44	1 45	22 25	0 11	23 32	0 1	10 2	2 24	7 22	0 33	21 36	0 18	11 57	9 25	10 42	10 7	4 55	15 52	6 38
M31	22s44	11s50	0n22	23s51	0s20	19s59	1n43	22s31	0s12	23s32	0s 1	10s 3	2n24	7n22	0s33	21s36	0n18	11s58	9n25	10n43	10n 8	4n57	15n53	6s38

Julian Day Number = 2090659.5, Delta T = 23m26s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'06, Lahiri = 10°05'06 Julian Calendar 1 Dec. 1011 == Greg. Calendar 7 Dec. 1011

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

JANUARY 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 0 53	15♉53'06	10♓33	27♐54	8♐40	12♐35	3♉48	2♏18	20♈ 3	21♉12	4♐55	2♍17	3♍51	21♈47	17°R 4	T 1
W 2	7 4 49	16°54'12	22°42	29°21	9°53	13°19	4° 1	2°21	20° 4	21°14	4°57	2°19	3°48	21°54	16♋59	W 2
T 3	7 8 46	17°55'16	4♈39	0♉50	11° 6	14° 3	4°15	2°25	20° 4	21°16	4°59	2°20	3°44	22° 0	16°55	T 3
F 4	7 12 42	18°56'20	16°31	2°19	12°19	14°47	4°29	2°28	20° 5	21°18	5° 1	2°R21	3°41	22° 7	16°51	F 4
S 5	7 16 39	19°57'22	28°21	3°49	13°33	15°30	4°43	2°31	20° 5	21°21	5° 3	2°20	3°38	22°14	16°46	S 5
S 6	7 20 35	20°58'23	10♉15	5°19	14°46	16°14	4°56	2°34	20° 6	21°23	5° 4	2°18	3°35	22°20	16°42	S 6
M 7	7 24 32	21°59'23	22°18	6°51	15°59	16°58	5°10	2°37	20° 7	21°25	5° 6	2°14	3°32	22°27	16°38	M 7
T 8	7 28 29	23° 0'22	4♊34	8°23	17°12	17°42	5°24	2°40	20° 7	21°28	5° 8	2° 9	3°29	22°34	16°33	T 8
W 9	7 32 25	24° 1'20	17° 5	9°55	18°25	18°26	5°37	2°43	20° 8	21°30	5° 9	2° 2	3°25	22°40	16°29	W 9
T 10	7 36 22	25° 2'17	29°55	11°28	19°39	19°10	5°51	2°46	20° 9	21°32	5°11	1°55	3°22	22°47	16°25	T 10
F 11	7 40 18	26° 3'12	13♋ 3	13° 2	20°52	19°54	6° 5	2°48	20°10	21°34	5°13	1°49	3°19	22°54	16°21	F 11
S 12	7 44 15	27° 4'06	26°28	14°37	22° 5	20°38	6°18	2°51	20°11	21°37	5°14	1°44	3°16	23° 0	16°16	S 12
S 13	7 48 11	28° 4'59	10♌ 8	16°12	23°19	21°22	6°32	2°53	20°12	21°39	5°16	1°40	3°13	23° 7	16°12	S 13
M14	7 52 8	29° 5'51	24° 1	17°48	24°32	22° 6	6°45	2°56	20°13	21°41	5°17	1°39	3°10	23°14	16° 8	M14
T 15	7 56 4	0♒ 6'42	8♍ 4	19°25	25°45	22°50	6°58	2°58	20°14	21°43	5°19	1°D39	3° 6	23°21	16° 4	T 15
W16	8 0 1	1° 7'32	22°12	21° 2	26°59	23°35	7°12	3° 0	20°15	21°46	5°20	1°40	3° 3	23°27	16° 0	W16
T 17	8 3 58	2° 8'20	6♎23	22°41	28°12	24°19	7°25	3° 2	20°17	21°48	5°22	1°41	3° 0	23°34	15°55	T 17
F 18	8 7 54	3° 9'08	20°35	24°20	29°26	25° 3	7°39	3° 4	20°18	21°50	5°23	1°42	2°57	23°41	15°51	F 18
S 19	8 11 51	4° 9'55	4♏45	25°59	0♉39	25°47	7°52	3° 6	20°19	21°52	5°25	1°R43	2°54	23°47	15°47	S 19
S 20	8 15 47	5°10'41	18°52	27°40	1°53	26°32	8° 5	3° 8	20°20	21°55	5°26	1°42	2°50	23°54	15°43	S 20
M21	8 19 44	6°11'25	2♐54	29°21	3° 6	27°16	8°18	3°10	20°22	21°57	5°28	1°40	2°47	24° 1	15°39	M21
T 22	8 23 40	7°12'09	16°50	1♒ 3	4°20	28° 1	8°31	3°11	20°23	21°59	5°29	1°37	2°44	24° 7	15°35	T 22
W23	8 27 37	8°12'51	0♉36	2°46	5°34	28°45	8°44	3°13	20°25	22° 1	5°30	1°34	2°41	24°14	15°32	W23
T 24	8 31 33	9°13'33	14°10	4°30	6°47	29°29	8°58	3°14	20°26	22° 4	5°32	1°30	2°38	24°21	15°28	T 24
F 25	8 35 30	10°14'12	27°31	6°15	8° 1	0♉14	9°10	3°15	20°28	22° 6	5°33	1°27	2°35	24°28	15°24	F 25
S 26	8 39 27	11°14'51	10♒37	8° 1	9°15	0°58	9°23	3°16	20°30	22° 8	5°34	1°25	2°31	24°34	15°20	S 26
S 27	8 43 23	12°15'27	23°27	9°47	10°28	1°43	9°36	3°17	20°31	22°10	5°35	1°24	2°28	24°41	15°17	S 27
M28	8 47 20	13°16'02	6♓ 2	11°34	11°42	2°28	9°49	3°18	20°33	22°12	5°36	1°D24	2°25	24°48	15°13	M28
T 29	8 51 16	14°16'36	18°22	13°23	12°56	3°12	10° 2	3°19	20°35	22°14	5°37	1°24	2°22	24°54	15° 9	T 29
W30	8 55 13	15°17'07	0♈29	15°12	14° 9	3°57	10°15	3°20	20°37	22°17	5°39	1°26	2°19	25° 1	15° 6	W30
T 31	8 59 9	16♒17'37	12♈27	17♒ 2	15♉23	4♉41	10♉27	3♏21	20♈39	22♉19	5♐40	1♍27	2♍15	25♈ 8	15♋ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s37	8s20	0s45	24s 0	0s27	20s13	1n40	22s38	0s13	23s32	0s 1	10s 4	2n25	7n22	0s33	21s35	0n18	11s58	9n25	10n43	10n 9	4n59	15n53	6s38
W 2	22 29	4 34	1 48	24 8	0 34	20 26	1 38	22 44	0 13	23 32	0 1	10 5	2 25	7 22	0 33	21 35	0 18	11 58	9 25	10 42	10 10	5 1	15 54	6 38
T 3	22 21	0 41	2 46	24 14	0 41	20 39	1 35	22 50	0 14	23 31	0 2	10 6	2 25	7 22	0 33	21 35	0 18	11 58	9 25	10 42	10 11	5 3	15 54	6 38
F 4	22 13	3n12	3 37	24 20	0 47	20 51	1 33	22 56	0 15	23 31	0 2	10 7	2 25	7 23	0 33	21 34	0 18	11 58	9 25	10 42	10 12	5 5	15 54	6 38
S 5	22 4	6 56	4 18	24 24	0 54	21 3	1 30	23 2	0 15	23 31	0 2	10 8	2 26	7 23	0 33	21 34	0 18	11 59	9 25	10 42	10 14	5 7	15 55	6 38
S 6	21 55	10 25	4 48	24 27	1 0	21 15	1 27	23 7	0 16	23 30	0 2	10 9	2 26	7 23	0 33	21 34	0 18	11 59	9 25	10 42	10 15	5 9	15 55	6 38
M 7	21 46	13 31	5 6	24 29	1 6	21 25	1 25	23 12	0 17	23 30	0 2	10 10	2 26	7 23	0 33	21 33	0 18	11 59	9 26	10 44	10 16	5 11	15 56	6 38
T 8	21 36	16 5	5 10	24 29	1 12	21 35	1 22	23 17	0 18	23 29	0 2	10 10	2 26	7 24	0 33	21 33	0 18	11 59	9 26	10 46	10 17	5 13	15 56	6 38
W 9	21 25	17 58	5 0	24 28	1 17	21 45	1 19	23 22	0 18	23 29	0 2	10 11	2 26	7 24	0 33	21 33	0 18	11 59	9 26	10 48	10 18	5 15	15 57	6 38
T 10	21 14	19 0	4 34	24 26	1 22	21 54	1 16	23 26	0 19	23 28	0 2	10 12	2 27	7 24	0 33	21 32	0 18	11 59	9 26	10 51	10 19	5 16	15 57	6 38
F 11	21 3	19 2	3 54	24 22	1 27	22 2	1 13	23 30	0 20	23 28	0 2	10 13	2 27	7 25	0 33	21 32	0 18	12 0	9 26	10 53	10 21	5 18	15 58	6 38
S 12	20 51	18 1	3 0	24 17	1 32	22 9	1 10	23 34	0 21	23 27	0 2	10 13	2 27	7 25	0 33	21 32	0 18	12 0	9 26	10 55	10 22	5 20	15 59	6 38
S 13	20 39	15 57	1 55	24 10	1 36	22 16	1 7	23 38	0 21	23 27	0 3	10 14	2 27	7 26	0 33	21 31	0 18	12 0	9 26	10 56	10 23	5 22	15 59	6 38
M14	20 27	12 56	0 42	24 2	1 41	22 23	1 5	23 42	0 22	23 26	0 3	10 14	2 28	7 26	0 33	21 31	0 18	12 0	9 27	10 57	10 24	5 24	16 0	6 38
T 15	20 14	9 8	0n35	23 52	1 44	22 28	1 2	23 45	0 23	23 26	0 3	10 15	2 28	7 26	0 33	21 31	0 18	12 0	9 27	10 57	10 25	5 26	16 0	6 38
W16	20 1	4 48	1 50	23 41	1 48	22 33	0 59	23 48	0 24	23 25	0 3	10 16	2 28	7 27	0 33	21 30	0 18	12 0	9 27	10 56	10 26	5 28	16 1	6 38
T 17	19 47	0 11	2 59	23 28	1 51	22 38	0 56	23 51	0 24	23 24	0 3	10 16	2 28	7 27	0 33	21 30	0 18	12 0	9 27	10 56	10 27	5 30	16 1	6 38
F 18	19 33	4s25	3 57	23 14	1 54	22 41	0 53	23 53	0 25	23 24	0 3	10 16	2 29	7 28	0 33	21 29	0 18	12 0	9 27	10 55	10 29	5 32	16 2	6 38
S 19	19 19	8 47	4 40	22 58	1 57	22 44	0 49	23 56	0 26	23 23	0 3	10 17	2 29	7 28	0 33	21 29	0 18	12 0	9 27	10 55	10 30	5 34	16 3	6 38
S 20	19 4	12 37	5 6	22 41	1 59	22 47	0 46	23 58	0 27	23 22	0 3	10 17	2 29	7 29	0 33	21 29	0 18	12 0	9 28	10 55	10 31	5 36	16 3	6 37
M21	18 49	15 43	5 14	22 21	2 1	22 48	0 43	24 0	0 27	23 22	0 3	10 18	2 29	7 30	0 33	21 28	0 18	12 0	9 28	10 56	10 32	5 38	16 4	6 37
T 22	18 34	17 53	5 3	22 1	2 2	22 49	0 40	24 1	0 28	23 21	0 4	10 18	2 30	7 30	0 33	21 28	0 18	12 1	9 28	10 57	10 33	5 40	16 4	6 37
W23	18 18	18 59	4 35	21 38	2 3	22 50	0 37	24 2	0 29	23 20	0 4	10 18	2 30	7 31	0 33	21 28	0 18	12 1	9 28	10 58	10 34	5 42	16 5	6 37
T 24	18 2	18 58	3 51	21 14	2 4	22 49	0 34	24 3	0 30	23 19	0 4	10 18	2 30	7 31	0 33	21 27	0 18	12 1	9 28	11 0	10 35	5 44	16 6	6 37
F 25	17 46	17 53	2 56	20 49	2 4	22 48	0 31	24 4	0 30	23 19	0 4	10 19	2 30	7 32	0 33	21 27	0 18	12 1	9 28	11 1	10 37	5 46	16 6	6 37
S 26	17 30	15 52	1 52	20 21	2 4	22 46	0 28	24 5	0 31	23 18	0 4	10 19	2 30	7 33	0 33	21 27	0 18	12 1	9 29	11 2	10 38	5 47	16 7	6 36
S 27	17 13	13 5	0 44	19 52	2 3	22 44	0 25	24 5	0 32	23 17	0 4	10 19	2 31	7 33	0 32	21 26	0 18	12 1	9 29	11 2	10 39	5 49	16 7	6 36
M28	16 55	9 45	0s26	19 21	2 2	22 41	0 22	24 5	0 33	23 16	0 4	10 19	2 31	7 34	0 32	21 26	0 18	12 1	9 29	11 2	10 40	5 51	16 8	6 36
T 29	16 38	6 3	1 32	18 49	2 0	22 37	0 19	24 5	0 34	23 15	0 4	10 19	2 31	7 35	0 32	21 26	0 18	12 1	9 29	11 2	10 41	5 53	16 9	6 36
W30	16 20	2 10	2 34	18 15	1 58	22 33	0 16	24 5	0 34	23 14	0 4	10 19	2 31	7 35	0 32	21 25	0 18	12 1	9 29	11 1	10 42	5 55	16 9	6 35
T 31	16s 2	1n45	3s28	17s39	1s56	22s28	0n13	24s 4	0s35	23s14	0s 4	10s19	2n32	7n36	0s32	21s25	0n18	12s 1	9n30	11n 1	10n44	5n57	16n10	6s35

Julian Day Number = 2090690.5, Delta T = 23m26s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'10, Lahiri = 10°05'10 Julian Calendar 1 Jan. 1012 == Greg. Calendar 7 Jan. 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

FEBRUARY 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 3 6	17♒18'05	24♈19	18♒52	16♑37	5♑26	10♑40	3♏21	20♈40	22♑21	5♐41	1♍28	2♍12	25♈14	14°R59	F 1
S 2	9 7 2	18°18'30	6♉10	20°44	17°50	6°11	10°52	3°22	20°42	22°23	5°42	1°29	2° 9	25°21	14♋56	S 2
S 3	9 10 59	19°18'54	18° 4	22°36	19° 4	6°56	11° 5	3°22	20°44	22°25	5°43	1°R30	2° 6	25°28	14°52	S 3
M 4	9 14 56	20°19'16	0♊ 6	24°29	20°18	7°40	11°17	3°22	20°46	22°27	5°44	1°30	2° 3	25°34	14°49	M 4
T 5	9 18 52	21°19'36	12°20	26°22	21°32	8°25	11°30	3°22	20°49	22°29	5°45	1°29	2° 0	25°41	14°46	T 5
W 6	9 22 49	22°19'54	24°52	28°16	22°45	9°10	11°42	3°R22	20°51	22°31	5°45	1°28	1°56	25°48	14°43	W 6
T 7	9 26 45	23°20'10	7♋44	0♓10	23°59	9°55	11°54	3°22	20°53	22°33	5°46	1°27	1°53	25°55	14°40	T 7
F 8	9 30 42	24°20'24	20°59	2° 4	25°13	10°40	12° 6	3°22	20°55	22°35	5°47	1°26	1°50	26° 1	14°37	F 8
S 9	9 34 38	25°20'36	4♌36	3°59	26°27	11°25	12°18	3°22	20°57	22°37	5°48	1°25	1°47	26° 8	14°34	S 9
S 10	9 38 35	26°20'46	18°35	5°53	27°41	12° 9	12°30	3°21	21° 0	22°39	5°49	1°25	1°44	26°15	14°32	S 10
M11	9 42 31	27°20'54	2♍51	7°46	28°54	12°54	12°42	3°21	21° 2	22°41	5°49	1°D24	1°41	26°21	14°29	M11
T 12	9 46 28	28°21'00	17°22	9°39	0♒ 8	13°39	12°54	3°20	21° 4	22°43	5°50	1°25	1°37	26°28	14°26	T 12
W13	9 50 25	29°21'04	1♎59	11°31	1°22	14°24	13° 5	3°20	21° 7	22°45	5°51	1°25	1°34	26°35	14°24	W13
T 14	9 54 21	0♓21'06	16°38	13°21	2°36	15° 9	13°17	3°19	21° 9	22°47	5°51	1°25	1°31	26°41	14°21	T 14
F 15	9 58 18	1°21'07	1♏11	15° 9	3°50	15°54	13°29	3°18	21°12	22°49	5°52	1°R25	1°28	26°48	14°19	F 15
S 16	10 2 14	2°21'06	15°35	16°55	5° 3	16°40	13°40	3°17	21°14	22°51	5°52	1°25	1°25	26°55	14°17	S 16
S 17	10 6 11	3°21'04	29°46	18°38	6°17	17°25	13°52	3°16	21°17	22°53	5°53	1°D25	1°21	27° 2	14°15	S 17
M18	10 10 7	4°21'00	13♐43	20°18	7°31	18°10	14° 3	3°15	21°19	22°54	5°53	1°25	1°18	27° 8	14°12	M18
T 19	10 14 4	5°20'54	27°23	21°54	8°45	18°55	14°14	3°13	21°22	22°56	5°54	1°25	1°15	27°15	14°10	T 19
W20	10 18 0	6°20'47	10♑48	23°25	9°59	19°40	14°25	3°12	21°24	22°58	5°54	1°26	1°12	27°22	14° 9	W20
T 21	10 21 57	7°20'38	23°58	24°52	11°13	20°25	14°36	3°11	21°27	23° 0	5°55	1°26	1° 9	27°28	14° 7	T 21
F 22	10 25 54	8°20'26	6♒54	26°13	12°27	21°10	14°47	3° 9	21°30	23° 2	5°55	1°27	1° 6	27°35	14° 5	F 22
S 23	10 29 50	9°20'14	19°37	27°28	13°40	21°56	14°58	3° 7	21°33	23° 3	5°55	1°27	1° 2	27°42	14° 3	S 23
S 24	10 33 47	10°19'59	2♓ 8	28°38	14°54	22°41	15° 9	3° 6	21°35	23° 5	5°56	1°R27	0°59	27°48	14° 2	S 24
M25	10 37 43	11°19'42	14°28	29°40	16° 8	23°26	15°20	3° 4	21°38	23° 7	5°56	1°27	0°56	27°55	14° 0	M25
T 26	10 41 40	12°19'22	26°38	0♈35	17°22	24°11	15°30	3° 2	21°41	23° 8	5°56	1°26	0°53	28° 2	13°59	T 26
W27	10 45 36	13°19'01	8♈39	1°23	18°36	24°57	15°41	3° 0	21°44	23°10	5°56	1°25	0°50	28° 9	13°58	W27
T 28	10 49 33	14°18'38	20°34	2° 3	19°50	25°42	15°51	2°58	21°47	23°12	5°56	1°23	0°47	28°15	13°56	T 28
F 29	10 53 29	15♓18'12	2♉26	2♈35	21♒ 4	26♑27	16♑ 1	2♏55	21♈50	23♑13	5♐57	1♍21	0♍43	28♈22	13♋55	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s44	5n33	4s13	17s 2	1s52	22s22	0n10	24s 3	0s36	23s13	0s 5	10s19	2n32	7n37	0s32	21s25	0n18	12s 1	9n30	11n 0	10n45	5n59	16n11	6s35
S 2	15 25	9 8	4 47	16 23	1 49	22 15	0 7	24 2	0 37	23 12	0 5	10 19	2 32	7 38	0 32	21 24	0 18	12 1	9 30	11 0	10 46	6 1	16 11	6 34
S 3	15 6	12 22	5 8	15 42	1 44	22 8	0 4	24 0	0 37	23 11	0 5	10 19	2 32	7 38	0 32	21 24	0 18	12 0	9 30	11 0	10 47	6 3	16 12	6 34
M 4	14 47	15 7	5 17	15 0	1 40	22 0	0 1	23 59	0 38	23 10	0 5	10 19	2 33	7 39	0 32	21 24	0 18	12 0	9 30	11 0	10 48	6 5	16 13	6 34
T 5	14 28	17 15	5 11	14 16	1 34	21 52	0s 2	23 57	0 39	23 9	0 5	10 19	2 33	7 40	0 32	21 23	0 18	12 0	9 31	11 0	10 49	6 7	16 13	6 33
W 6	14 8	18 37	4 51	13 31	1 28	21 43	0 5	23 54	0 40	23 8	0 5	10 18	2 33	7 41	0 32	21 23	0 18	12 0	9 31	11 1	10 50	6 9	16 14	6 33
T 7	13 49	19 5	4 16	12 44	1 21	21 33	0 8	23 52	0 41	23 7	0 5	10 18	2 33	7 42	0 32	21 23	0 18	12 0	9 31	11 1	10 52	6 11	16 15	6 33
F 8	13 29	18 31	3 26	11 56	1 14	21 23	0 11	23 49	0 41	23 6	0 5	10 18	2 34	7 43	0 32	21 22	0 18	12 0	9 31	11 1	10 53	6 13	16 15	6 32
S 9	13 8	16 54	2 23	11 7	1 6	21 12	0 14	23 46	0 42	23 5	0 6	10 17	2 34	7 44	0 32	21 22	0 18	12 0	9 32	11 2	10 54	6 15	16 16	6 32
S 10	12 48	14 13	1 11	10 17	0 57	21 0	0 16	23 43	0 43	23 4	0 6	10 17	2 34	7 44	0 32	21 22	0 18	12 0	9 32	11 2	10 55	6 16	16 17	6 32
M11	12 27	10 38	0n 8	9 26	0 48	20 48	0 19	23 40	0 44	23 3	0 6	10 17	2 34	7 45	0 32	21 21	0 18	12 0	9 32	11 2	10 56	6 18	16 17	6 31
T 12	12 7	6 22	1 27	8 35	0 38	20 35	0 22	23 36	0 44	23 2	0 6	10 16	2 35	7 46	0 32	21 21	0 18	12 0	9 32	11 2	10 57	6 20	16 18	6 31
W13	11 46	1 41	2 42	7 43	0 28	20 22	0 25	23 32	0 45	23 1	0 6	10 16	2 35	7 47	0 32	21 21	0 18	12 0	9 32	11 2	10 58	6 22	16 19	6 30
T 14	11 24	3s 6	3 46	6 50	0 17	20 7	0 27	23 28	0 46	23 0	0 6	10 15	2 35	7 48	0 32	21 20	0 18	12 0	9 33	11 2	10 59	6 24	16 19	6 30
F 15	11 3	7 39	4 35	5 57	0 5	19 53	0 30	23 23	0 47	22 59	0 6	10 15	2 35	7 49	0 32	21 20	0 18	11 59	9 33	11 2	11 1	6 26	16 20	6 30
S 16	10 41	11 43	5 6	5 5	0n 7	19 38	0 32	23 18	0 48	22 58	0 6	10 14	2 35	7 50	0 32	21 20	0 18	11 59	9 33	11 2	11 2	6 28	16 21	6 29
S 17	10 20	15 2	5 17	4 13	0 20	19 22	0 35	23 14	0 48	22 57	0 6	10 14	2 36	7 51	0 32	21 20	0 18	11 59	9 33	11 2	11 3	6 30	16 21	6 29
M18	9 58	17 26	5 10	3 22	0 33	19 5	0 37	23 8	0 49	22 56	0 7	10 13	2 36	7 52	0 32	21 19	0 18	11 59	9 34	11 2	11 4	6 32	16 22	6 28
T 19	9 36	18 47	4 46	2 32	0 46	18 49	0 40	23 3	0 50	22 55	0 7	10 12	2 36	7 53	0 32	21 19	0 18	11 59	9 34	11 2	11 5	6 34	16 23	6 28
W20	9 14	19 2	4 6	1 43	0 59	18 31	0 42	22 57	0 51	22 54	0 7	10 12	2 36	7 54	0 32	21 19	0 18	11 59	9 34	11 1	11 6	6 36	16 23	6 27
T 21	8 52	18 15	3 13	0 56	1 13	18 13	0 45	22 51	0 52	22 52	0 7	10 11	2 37	7 55	0 32	21 18	0 18	11 59	9 34	11 1	11 7	6 38	16 24	6 27
F 22	8 29	16 31	2 12	0 11	1 26	17 55	0 47	22 45	0 52	22 51	0 7	10 10	2 37	7 56	0 32	21 18	0 18	11 58	9 34	11 1	11 9	6 40	16 25	6 27
S 23	8 7	13 59	1 5	0n31	1 40	17 36	0 49	22 39	0 53	22 50	0 7	10 10	2 37	7 57	0 32	21 18	0 18	11 58	9 35	11 1	11 10	6 42	16 25	6 26
S 24	7 44	10 50	0s 4	1 11	1 53	17 16	0 51	22 32	0 54	22 49	0 7	10 9	2 37	7 58	0 32	21 17	0 18	11 58	9 35	11 1	11 11	6 43	16 26	6 26
M25	7 21	7 15	1 12	1 47	2 6	16 56	0 54	22 25	0 55	22 48	0 7	10 8	2 37	7 59	0 32	21 17	0 18	11 58	9 35	11 1	11 12	6 45	16 26	6 25
T 26	6 58	3 25	2 15	2 21	2 19	16 36	0 56	22 18	0 56	22 47	0 8	10 7	2 38	8 0	0 32	21 17	0 18	11 58	9 35	11 1	11 13	6 47	16 27	6 25
W27	6 35	0n31	3 12	2 51	2 30	16 15	0 58	22 11	0 56	22 46	0 8	10 6	2 38	8 1	0 32	21 17	0 18	11 58	9 36	11 2	11 14	6 49	16 28	6 24
T 28	6 12	4 23	4 0	3 17	2 42	15 53	1 0	22 3	0 57	22 45	0 8	10 5	2 38	8 3	0 32	21 16	0 18	11 57	9 36	11 2	11 15	6 51	16 28	6 24
F 29	5s49	8n 3	4s37	3n40	2n52	15s32	1s 2	21s55	0s58	22s44	0s 8	10s 4	2n38	8n 4	0s32	21s16	0n18	11s57	9n36	11n 3	11n16	6n53	16n29	6s23

Julian Day Number = 2090721.5, Delta T = 23m25s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'14, Lahiri = 10°05'15 Julian Calendar 1 Feb. 1012 == Greg. Calendar 7 Feb. 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

MARCH 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 57 26	16♓17'44	14♉17	3♈ 0	22♒17	27♑13	16♑11	2°R53	21♈53	23♑15	5♐57	1°R19	0♍40	28♈29	13°R54	S 1
S 2	11 1 22	17°17'14	26°10	3°16	23°31	27°58	16°21	2♏51	21°56	23°16	5°57	1♍17	0°37	28°35	13♋53	S 2
M 3	11 5 19	18°16'42	8♊11	3°24	24°45	28°43	16°31	2°48	21°59	23°18	5°R57	1°16	0°34	28°42	13°53	M 3
T 4	11 9 16	19°16'07	20°23	3°R25	25°59	29°29	16°41	2°46	22° 2	23°19	5°57	1°D16	0°31	28°49	13°52	T 4
W 5	11 13 12	20°15'30	2♋50	3°18	27°13	0♒14	16°51	2°43	22° 5	23°21	5°57	1°16	0°27	28°55	13°51	W 5
T 6	11 17 9	21°14'50	15°38	3° 3	28°27	0°59	17° 0	2°40	22° 8	23°22	5°57	1°17	0°24	29° 2	13°51	T 6
F 7	11 21 5	22°14'08	28°50	2°42	29°40	1°45	17°10	2°37	22°11	23°23	5°56	1°19	0°21	29° 9	13°50	F 7
S 8	11 25 2	23°13'24	12♌27	2°14	0♓54	2°30	17°19	2°34	22°14	23°25	5°56	1°20	0°18	29°16	13°50	S 8
S 9	11 28 58	24°12'37	26°31	1°41	2° 8	3°15	17°28	2°31	22°17	23°26	5°56	1°R21	0°15	29°22	13°50	S 9
M10	11 32 55	25°11'49	11♍ 0	1° 3	3°22	4° 1	17°38	2°28	22°20	23°27	5°56	1°21	0°12	29°29	13°50	M10
T 11	11 36 51	26°10'57	25°48	0°21	4°36	4°46	17°47	2°25	22°23	23°29	5°56	1°19	0° 8	29°36	13°D50	T 11
W12	11 40 48	27°10'04	10♎49	29♓36	5°49	5°32	17°55	2°22	22°27	23°30	5°55	1°17	0° 5	29°42	13°50	W12
T 13	11 44 45	28° 9'09	25°54	28°48	7° 3	6°17	18° 4	2°19	22°30	23°31	5°55	1°13	0° 2	29°49	13°50	T 13
F 14	11 48 41	29° 8'12	10♏53	28° 0	8°17	7° 3	18°13	2°15	22°33	23°32	5°55	1° 9	29♌59	29°56	13°50	F 14
S 15	11 52 38	0♈ 7'13	25°38	27°11	9°31	7°48	18°21	2°12	22°36	23°34	5°54	1° 6	29°56	0♉ 2	13°50	S 15
S 16	11 56 34	1° 6'12	10♐ 3	26°23	10°45	8°34	18°30	2° 9	22°39	23°35	5°54	1° 3	29°52	0° 9	13°51	S 16
M17	12 0 31	2° 5'10	24° 6	25°36	11°59	9°19	18°38	2° 5	22°43	23°36	5°53	1° 1	29°49	0°16	13°51	M17
T 18	12 4 27	3° 4'06	7♑44	24°52	13°12	10° 5	18°46	2° 1	22°46	23°37	5°53	1°D 1	29°46	0°23	13°52	T 18
W19	12 8 24	4° 3'00	21° 1	24°11	14°26	10°50	18°54	1°58	22°49	23°38	5°52	1° 2	29°43	0°29	13°53	W19
T 20	12 12 20	5° 1'52	3♒57	23°34	15°40	11°36	19° 2	1°54	22°53	23°39	5°52	1° 4	29°40	0°36	13°54	T 20
F 21	12 16 17	6° 0'42	16°36	23° 1	16°54	12°21	19°10	1°50	22°56	23°40	5°51	1° 5	29°37	0°43	13°55	F 21
S 22	12 20 14	6°59'31	29° 2	22°33	18° 8	13° 7	19°17	1°46	22°59	23°41	5°51	1°R 6	29°33	0°49	13°56	S 22
S 23	12 24 10	7°58'17	11♓16	22° 9	19°21	13°52	19°25	1°43	23° 3	23°42	5°50	1° 6	29°30	0°56	13°57	S 23
M24	12 28 7	8°57'02	23°22	21°51	20°35	14°38	19°32	1°39	23° 6	23°43	5°49	1° 3	29°27	1° 3	13°58	M24
T 25	12 32 3	9°55'45	5♈22	21°38	21°49	15°23	19°39	1°35	23° 9	23°44	5°49	0°59	29°24	1° 9	13°59	T 25
W26	12 36 0	10°54'25	17°17	21°30	23° 3	16° 9	19°46	1°31	23°13	23°45	5°48	0°53	29°21	1°16	14° 1	W26
T 27	12 39 56	11°53'04	29° 9	21°D27	24°16	16°54	19°53	1°27	23°16	23°45	5°47	0°46	29°18	1°23	14° 2	T 27
F 28	12 43 53	12°51'41	11♉ 0	21°30	25°30	17°39	19°59	1°22	23°20	23°46	5°47	0°38	29°14	1°30	14° 4	F 28
S 29	12 47 49	13°50'15	22°52	21°37	26°44	18°25	20° 6	1°18	23°23	23°47	5°46	0°30	29°11	1°36	14° 5	S 29
S 30	12 51 46	14°48'48	4♊47	21°50	27°58	19°10	20°12	1°14	23°27	23°48	5°45	0°23	29° 8	1°43	14° 7	S 30
M31	12 55 42	15♈47'18	16♊48	22♓ 7	29♓12	19♒56	20♑18	1♏10	23♈30	23♑48	5♐44	0♍17	29♌ 5	1♉50	14♋ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s26	11n24	5s 2	3n58	3n 1	15s 9	1s 4	21s47	0s59	22s43	0s 8	10s 3	2n38	8n 5	0s32	21s16	0n18	11s57	9n36	11n 4	11n18	6n55	16n30	6s23
S 2	5 3	14 18	5 15	4 12	3 10	14 47	1 5	21 39	0 59	22 42	0 8	10 2	2 39	8 6	0 32	21 16	0 18	11 57	9 36	11 4	11 19	6 57	16 30	6 22
M 3	4 40	16 37	5 14	4 22	3 17	14 24	1 7	21 30	1 0	22 41	0 8	10 1	2 39	8 7	0 32	21 15	0 17	11 56	9 37	11 5	11 20	6 59	16 31	6 22
T 4	4 16	18 15	4 59	4 28	3 23	14 0	1 9	21 22	1 1	22 39	0 8	10 0	2 39	8 8	0 31	21 15	0 17	11 56	9 37	11 5	11 21	7 1	16 31	6 21
W 5	3 53	19 3	4 29	4 29	3 27	13 36	1 11	21 13	1 2	22 38	0 9	9 59	2 39	8 9	0 31	21 15	0 17	11 56	9 37	11 5	11 22	7 3	16 32	6 20
T 6	3 29	18 54	3 46	4 25	3 30	13 12	1 12	21 4	1 3	22 37	0 9	9 58	2 39	8 11	0 31	21 15	0 17	11 56	9 37	11 4	11 23	7 5	16 32	6 20
F 7	3 6	17 44	2 50	4 18	3 31	12 48	1 14	20 54	1 3	22 36	0 9	9 57	2 39	8 12	0 31	21 14	0 17	11 56	9 38	11 4	11 24	7 7	16 33	6 19
S 8	2 42	15 31	1 42	4 6	3 30	12 23	1 15	20 45	1 4	22 35	0 9	9 56	2 40	8 13	0 31	21 14	0 17	11 55	9 38	11 3	11 26	7 8	16 34	6 19
S 9	2 19	12 19	0 27	3 51	3 28	11 58	1 17	20 35	1 5	22 34	0 9	9 55	2 40	8 14	0 31	21 14	0 17	11 55	9 38	11 3	11 27	7 10	16 34	6 18
M10	1 55	8 18	0n53	3 32	3 24	11 32	1 18	20 25	1 6	22 33	0 9	9 53	2 40	8 15	0 31	21 14	0 17	11 55	9 38	11 3	11 28	7 12	16 35	6 18
T 11	1 32	3 40	2 11	3 10	3 18	11 6	1 19	20 15	1 6	22 32	0 9	9 52	2 40	8 16	0 31	21 13	0 17	11 55	9 38	11 4	11 29	7 14	16 35	6 17
W12	1 8	1s14	3 20	2 45	3 11	10 40	1 20	20 4	1 7	22 31	0 10	9 51	2 40	8 18	0 31	21 13	0 17	11 54	9 39	11 5	11 30	7 16	16 36	6 17
T 13	0 44	6 5	4 16	2 18	3 2	10 14	1 21	19 54	1 8	22 30	0 10	9 50	2 40	8 19	0 31	21 13	0 17	11 54	9 39	11 6	11 31	7 18	16 36	6 16
F 14	0 21	10 30	4 54	1 49	2 51	9 47	1 23	19 43	1 9	22 29	0 10	9 48	2 41	8 20	0 31	21 13	0 17	11 54	9 39	11 7	11 32	7 20	16 37	6 16
S 15	0n 3	14 13	5 12	1 18	2 39	9 20	1 24	19 32	1 9	22 28	0 10	9 47	2 41	8 21	0 31	21 13	0 17	11 54	9 39	11 9	11 33	7 22	16 37	6 15
S 16	0 26	16 58	5 9	0 47	2 26	8 53	1 24	19 21	1 10	22 27	0 10	9 46	2 41	8 23	0 31	21 12	0 17	11 53	9 39	11 9	11 35	7 24	16 38	6 15
M17	0 50	18 38	4 48	0 16	2 12	8 25	1 25	19 9	1 11	22 26	0 10	9 45	2 41	8 24	0 31	21 12	0 17	11 53	9 40	11 10	11 36	7 26	16 38	6 14
T 18	1 14	19 9	4 11	0s16	1 57	7 57	1 26	18 58	1 12	22 25	0 10	9 43	2 41	8 25	0 31	21 12	0 17	11 53	9 40	11 10	11 37	7 28	16 39	6 13
W19	1 37	18 35	3 22	0 46	1 42	7 30	1 27	18 46	1 13	22 24	0 11	9 42	2 41	8 26	0 31	21 12	0 17	11 52	9 40	11 10	11 38	7 30	16 39	6 13
T 20	2 1	17 3	2 23	1 15	1 26	7 1	1 28	18 34	1 13	22 23	0 11	9 40	2 41	8 28	0 31	21 12	0 17	11 52	9 40	11 9	11 39	7 31	16 40	6 12
F 21	2 24	14 42	1 18	1 43	1 10	6 33	1 28	18 22	1 14	22 22	0 11	9 39	2 41	8 29	0 31	21 12	0 17	11 52	9 40	11 9	11 40	7 33	16 40	6 12
S 22	2 47	11 42	0 11	2 9	0 53	6 5	1 29	18 10	1 15	22 21	0 11	9 38	2 42	8 30	0 31	21 11	0 17	11 52	9 41	11 8	11 41	7 35	16 41	6 11
S 23	3 11	8 13	0s55	2 34	0 37	5 36	1 29	17 57	1 15	22 20	0 11	9 36	2 42	8 31	0 31	21 11	0 17	11 51	9 41	11 9	11 42	7 37	16 41	6 11
M24	3 34	4 27	1 58	2 56	0 21	5 7	1 30	17 45	1 16	22 19	0 11	9 35	2 42	8 33	0 31	21 11	0 17	11 51	9 41	11 9	11 43	7 39	16 41	6 10
T 25	3 57	0 32	2 55	3 15	0 6	4 38	1 30	17 32	1 17	22 18	0 11	9 33	2 42	8 34	0 31	21 11	0 17	11 51	9 41	11 11	11 45	7 41	16 42	6 10
W26	4 20	3n22	3 44	3 32	0s10	4 9	1 30	17 19	1 18	22 18	0 12	9 32	2 42	8 35	0 31	21 11	0 17	11 50	9 41	11 13	11 46	7 43	16 42	6 9
T 27	4 43	7 8	4 23	3 47	0 24	3 40	1 30	17 6	1 18	22 17	0 12	9 30	2 42	8 36	0 31	21 11	0 17	11 50	9 42	11 16	11 47	7 45	16 43	6 9
F 28	5 6	10 36	4 51	3 59	0 39	3 11	1 30	16 53	1 19	22 16	0 12	9 29	2 42	8 38	0 31	21 11	0 17	11 50	9 42	11 18	11 48	7 47	16 43	6 8
S 29	5 29	13 39	5 6	4 8	0 52	2 41	1 31	16 39	1 20	22 15	0 12	9 27	2 42	8 39	0 31	21 10	0 17	11 50	9 42	11 21	11 49	7 49	16 43	6 7
S 30	5 52	16 10	5 8	4 15	1 5	2 12	1 31	16 26	1 20	22 14	0 12	9 26	2 42	8 40	0 31	21 10	0 17	11 49	9 42	11 24	11 50	7 51	16 44	6 7
M31	6n15	18n 0	4s56	4s20	1s17	1s42	1s30	16s12	1s21	22s13	0s12	9s24	2n42	8n41	0s31	21s10	0n17	11s49	9n42	11n26	11n51	7n53	16n44	6s 6

Julian Day Number = 2090750.5, Delta T = 23m25s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'18, Lahiri = 10°05'19 Julian Calendar 1 March 1012 == Greg. Calendar 7 March 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

APRIL 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 59 39	16♈45'47	28♊59	22♓29	0♈25	20♒41	20♑24	1°R 6	23♈33	23♑49	5°R43	0°R13	29♌ 2	1♉56	14♋11	T 1
W 2	13 3 36	17°44'13	11♋24	22°55	1°39	21°27	20°30	1♏ 1	23°37	23°50	5♐42	0♍12	28°58	2° 3	14°13	W 2
T 3	13 7 32	18°42'37	24° 6	23°26	2°53	22°12	20°36	0°57	23°40	23°50	5°41	0°D11	28°55	2°10	14°15	T 3
F 4	13 11 29	19°40'58	7♌11	24° 0	4° 6	22°58	20°42	0°53	23°44	23°51	5°40	0°12	28°52	2°17	14°18	F 4
S 5	13 15 25	20°39'18	20°41	24°39	5°20	23°43	20°47	0°48	23°47	23°51	5°39	0°13	28°49	2°23	14°20	S 5
S 6	13 19 22	21°37'35	4♍40	25°21	6°34	24°28	20°52	0°44	23°51	23°52	5°38	0°R14	28°46	2°30	14°22	S 6
M 7	13 23 18	22°35'50	19° 6	26° 7	7°48	25°14	20°57	0°39	23°54	23°52	5°37	0°12	28°43	2°37	14°25	M 7
T 8	13 27 15	23°34'03	3♎57	26°57	9° 1	25°59	21° 2	0°35	23°58	23°53	5°36	0° 9	28°39	2°43	14°28	T 8
W 9	13 31 11	24°32'15	19° 6	27°50	10°15	26°44	21° 7	0°30	24° 1	23°53	5°35	0° 3	28°36	2°50	14°30	W 9
T 10	13 35 8	25°30'24	4♏24	28°45	11°29	27°30	21°12	0°26	24° 4	23°53	5°34	29♌55	28°33	2°57	14°33	T 10
F 11	13 39 5	26°28'32	19°40	29°44	12°42	28°15	21°16	0°21	24° 8	23°54	5°33	29°47	28°30	3° 4	14°36	F 11
S 12	13 43 1	27°26'38	4♐43	0♈46	13°56	29° 0	21°20	0°17	24°11	23°54	5°32	29°39	28°27	3°10	14°39	S 12
S 13	13 46 58	28°24'43	19°24	1°51	15°10	29°46	21°24	0°12	24°15	23°54	5°31	29°32	28°23	3°17	14°42	S 13
M14	13 50 54	29°22'46	3♑38	2°58	16°23	0♓31	21°28	0° 8	24°18	23°54	5°30	29°27	28°20	3°24	14°45	M14
T 15	13 54 51	0♉20'48	17°24	4° 8	17°37	1°16	21°32	0° 3	24°22	23°55	5°28	29°24	28°17	3°30	14°48	T 15
W16	13 58 47	1°18'48	0♒42	5°21	18°51	2° 2	21°36	29♎59	24°25	23°55	5°27	29°D23	28°14	3°37	14°52	W16
T 17	14 2 44	2°16'47	13°35	6°36	20° 4	2°47	21°39	29°54	24°29	23°55	5°26	29°24	28°11	3°44	14°55	T 17
F 18	14 6 40	3°14'45	26° 8	7°53	21°18	3°32	21°42	29°50	24°32	23°55	5°25	29°R24	28° 8	3°50	14°59	F 18
S 19	14 10 37	4°12'41	8♓24	9°13	22°32	4°17	21°45	29°45	24°35	23°55	5°23	29°24	28° 4	3°57	15° 2	S 19
S 20	14 14 34	5°10'36	20°30	10°35	23°45	5° 2	21°48	29°41	24°39	23°R55	5°22	29°22	28° 1	4° 4	15° 6	S 20
M21	14 18 30	6° 8'30	2♈27	12° 0	24°59	5°47	21°51	29°36	24°42	23°55	5°21	29°17	27°58	4°11	15°10	M21
T 22	14 22 27	7° 6'22	14°20	13°26	26°13	6°33	21°53	29°32	24°46	23°55	5°19	29°10	27°55	4°17	15°13	T 22
W23	14 26 23	8° 4'12	26°11	14°55	27°26	7°18	21°55	29°27	24°49	23°55	5°18	29° 0	27°52	4°24	15°17	W23
T 24	14 30 20	9° 2'01	8♉ 2	16°26	28°40	8° 3	21°58	29°23	24°52	23°55	5°17	28°48	27°49	4°31	15°21	T 24
F 25	14 34 16	9°59'49	19°54	17°59	29°54	8°48	21°59	29°19	24°56	23°55	5°15	28°35	27°45	4°37	15°25	F 25
S 26	14 38 13	10°57'36	1♊49	19°35	1♉ 7	9°33	22° 1	29°14	24°59	23°55	5°14	28°22	27°42	4°44	15°29	S 26
S 27	14 42 9	11°55'20	13°49	21°12	2°21	10°18	22° 3	29°10	25° 3	23°54	5°12	28°10	27°39	4°51	15°33	S 27
M28	14 46 6	12°53'04	25°56	22°52	3°35	11° 2	22° 4	29° 6	25° 6	23°54	5°11	28° 0	27°36	4°58	15°38	M28
T 29	14 50 3	13°50'45	8♋11	24°34	4°48	11°47	22° 5	29° 1	25° 9	23°54	5° 9	27°53	27°33	5° 4	15°42	T 29
W30	14 53 59	14♉48'26	20♋38	26♈18	6♉ 2	12♓32	22♑ 6	28♎57	25♈13	23♑54	5♐ 8	27♌49	27♌29	5♉11	15♋46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	6n37	19n 3	4s31	4s21	1s29	1s13	1s30	15s58	1s22	22s13	0s13	9s23	2n42	8n43	0s31	21s10	0n17	11s49	9n42	11n27	11n52	7n54	16n44	6s	6
W 2	7 0	19 13	3 53	4 21	1 40	0 43	1 30	15 44	1 23	22 12	0 13	9 21	2 42	8 44	0 31	21 10	0 17	11 48	9 42	11 28	11 54	7 56	16 45	6	5
T 3	7 22	18 25	3 2	4 18	1 50	0 13	1 30	15 30	1 23	22 11	0 13	9 20	2 43	8 45	0 31	21 10	0 17	11 48	9 43	11 28	11 55	7 58	16 45	6	5
F 4	7 44	16 37	2 1	4 13	1 59	0n16	1 30	15 15	1 24	22 11	0 13	9 18	2 43	8 47	0 31	21 10	0 17	11 48	9 43	11 27	11 56	8 0	16 45	6	4
S 5	8 6	13 52	0 51	4 5	2 8	0 46	1 29	15 1	1 25	22 10	0 13	9 16	2 43	8 48	0 31	21 10	0 17	11 47	9 43	11 27	11 57	8 2	16 46	6	4
S 6	8 28	10 13	0n24	3 55	2 15	1 16	1 29	14 46	1 25	22 9	0 13	9 15	2 43	8 49	0 31	21 10	0 17	11 47	9 43	11 27	11 58	8 4	16 46	6	3
M 7	8 50	5 52	1 40	3 44	2 23	1 46	1 28	14 32	1 26	22 9	0 13	9 13	2 43	8 50	0 31	21 10	0 17	11 47	9 43	11 28	11 59	8 6	16 46	6	3
T 8	9 12	1 2	2 51	3 30	2 29	2 15	1 28	14 17	1 27	22 8	0 14	9 12	2 43	8 52	0 31	21 9	0 17	11 47	9 43	11 29	12 0	8 8	16 46	6	2
W 9	9 33	3s57	3 51	3 14	2 35	2 45	1 27	14 2	1 27	22 7	0 14	9 10	2 43	8 53	0 31	21 9	0 17	11 46	9 43	11 31	12 1	8 10	16 47	6	2
T 10	9 55	8 44	4 36	2 56	2 40	3 15	1 26	13 47	1 28	22 7	0 14	9 9	2 43	8 54	0 31	21 9	0 17	11 46	9 44	11 34	12 2	8 12	16 47	6	1
F 11	10 16	12 55	5 1	2 37	2 44	3 44	1 25	13 32	1 29	22 6	0 14	9 7	2 43	8 56	0 31	21 9	0 17	11 46	9 44	11 36	12 3	8 14	16 47	6	1
S 12	10 37	16 12	5 4	2 15	2 48	4 14	1 24	13 16	1 29	22 6	0 14	9 5	2 43	8 57	0 31	21 9	0 17	11 45	9 44	11 39	12 5	8 15	16 47	6	0
S 13	10 58	18 22	4 47	1 52	2 51	4 43	1 24	13 1	1 30	22 5	0 14	9 4	2 43	8 58	0 31	21 9	0 17	11 45	9 44	11 42	12 6	8 17	16 48	6	0
M14	11 19	19 18	4 13	1 28	2 53	5 12	1 23	12 45	1 30	22 5	0 15	9 2	2 43	8 59	0 31	21 9	0 17	11 45	9 44	11 43	12 7	8 19	16 48	5	59
T 15	11 39	19 2	3 25	1 1	2 55	5 42	1 22	12 30	1 31	22 5	0 15	9 1	2 43	9 1	0 31	21 9	0 17	11 44	9 44	11 44	12 8	8 21	16 48	5	59
W16	12 0	17 43	2 27	0 33	2 56	6 11	1 21	12 14	1 32	22 4	0 15	8 59	2 43	9 2	0 31	21 9	0 17	11 44	9 44	11 45	12 9	8 23	16 48	5	58
T 17	12 20	15 30	1 24	0 4	2 56	6 40	1 19	11 58	1 32	22 4	0 15	8 58	2 43	9 3	0 31	21 9	0 17	11 44	9 44	11 45	12 10	8 25	16 48	5	58
F 18	12 40	12 36	0 18	0n27	2 56	7 9	1 18	11 42	1 33	22 3	0 15	8 56	2 43	9 5	0 31	21 9	0 17	11 44	9 44	11 44	12 11	8 27	16 48	5	57
S 19	12 59	9 12	0s48	0 59	2 55	7 37	1 17	11 26	1 34	22 3	0 16	8 55	2 43	9 6	0 31	21 9	0 17	11 43	9 44	11 45	12 12	8 29	16 48	5	57
S 20	13 19	5 28	1 50	1 33	2 54	8 6	1 16	11 10	1 34	22 3	0 16	8 53	2 42	9 7	0 31	21 9	0 17	11 43	9 45	11 45	12 13	8 31	16 48	5	56
M21	13 38	1 34	2 46	2 8	2 52	8 34	1 14	10 54	1 35	22 3	0 16	8 52	2 42	9 8	0 31	21 9	0 17	11 43	9 45	11 47	12 15	8 33	16 48	5	56
T 22	13 57	2n23	3 35	2 44	2 49	9 2	1 13	10 38	1 35	22 2	0 16	8 50	2 42	9 10	0 31	21 9	0 17	11 42	9 45	11 49	12 16	8 34	16 49	5	55
W23	14 16	6 13	4 14	3 21	2 46	9 30	1 11	10 22	1 36	22 2	0 16	8 48	2 42	9 11	0 31	21 9	0 17	11 42	9 45	11 53	12 17	8 36	16 49	5	55
T 24	14 35	9 49	4 42	4 0	2 42	9 58	1 10	10 5	1 36	22 2	0 16	8 47	2 42	9 12	0 31	21 9	0 17	11 42	9 45	11 57	12 18	8 38	16 49	5	54
F 25	14 53	13 2	4 58	4 40	2 38	10 26	1 8	9 49	1 37	22 2	0 17	8 46	2 42	9 13	0 31	21 9	0 17	11 42	9 45	12 2	12 19	8 40	16 49	5	54
S 26	15 12	15 44	5 1	5 20	2 33	10 53	1 7	9 32	1 38	22 2	0 17	8 44	2 42	9 15	0 31	21 9	0 17	11 41	9 45	12 6	12 20	8 42	16 49	5	53
S 27	15 30	17 47	4 50	6 2	2 28	11 20	1 5	9 16	1 38	22 2	0 17	8 43	2 42	9 16	0 31	21 9	0 17	11 41	9 45	12 10	12 21	8 44	16 49	5	53
M28	15 47	19 4	4 27	6 45	2 22	11 47	1 3	8 59	1 39	22 2	0 17	8 41	2 42	9 17	0 31	21 9	0 17	11 41	9 45	12 14	12 22	8 46	16 49	5	52
T 29	16 5	19 28	3 51	7 28	2 15	12 13	1 2	8 42	1 39	22 2	0 17	8 40	2 42	9 18	0 31	21 9	0 17	11 40	9 45	12 16	12 23	8 48	16 49	5	52
W30	16n22	18n57	3s 3	8n13	2s 8	12n40	1s 0	8s25	1s40	22s 2	0s17	8s38	2n42	9n19	0s31	21s 9	0n17	11s40	9n45	12n18	12n24	8n50	16n48	5	s52

Julian Day Number = 2090781.5, Delta T = 23m24s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'22, Lahiri = 10°05'23 Julian Calendar 1 Apr. 1012 == Greg. Calendar 7 Apr. 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

MAY 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 57 56	15♉46'04	3♌20	28♈ 4	7♉16	13♓17	22♑ 7	28°R53	25♈16	23°R53	5°R 6	27°R47	27♌26	5♉18	15♋51	T 1
F 2	15 1 52	16°43'41	16°20	29°52	8°29	14° 2	22° 8	28♎49	25°19	23♑53	5♐ 5	27°D46	27°23	5°24	15°55	F 2
S 3	15 5 49	17°41'17	29°44	1♉42	9°43	14°46	22° 8	28°44	25°22	23°53	5° 4	27°R46	27°20	5°31	16° 0	S 3
S 4	15 9 45	18°38'50	13♍33	3°35	10°57	15°31	22° 8	28°40	25°26	23°52	5° 2	27♌45	27°17	5°38	16° 5	S 4
M 5	15 13 42	19°36'23	27°48	5°29	12°10	16°16	22°R 8	28°36	25°29	23°52	5° 0	27°43	27°14	5°45	16° 9	M 5
T 6	15 17 38	20°33'53	12♎29	7°26	13°24	17° 0	22° 8	28°32	25°32	23°51	4°59	27°38	27°10	5°51	16°14	T 6
W 7	15 21 35	21°31'23	27°31	9°25	14°37	17°45	22° 8	28°28	25°35	23°51	4°57	27°31	27° 7	5°58	16°19	W 7
T 8	15 25 32	22°28'51	12♏46	11°25	15°51	18°29	22° 7	28°24	25°38	23°50	4°56	27°21	27° 4	6° 5	16°24	T 8
F 9	15 29 28	23°26'18	28° 2	13°28	17° 5	19°14	22° 6	28°20	25°42	23°50	4°54	27°10	27° 1	6°11	16°29	F 9
S 10	15 33 25	24°23'44	13♐10	15°32	18°18	19°58	22° 5	28°17	25°45	23°49	4°53	27° 0	26°58	6°18	16°34	S 10
S 11	15 37 21	25°21'10	27°59	17°38	19°32	20°42	22° 4	28°13	25°48	23°48	4°51	26°51	26°55	6°25	16°39	S 11
M12	15 41 18	26°18'34	12♑21	19°45	20°45	21°27	22° 3	28° 9	25°51	23°48	4°50	26°44	26°51	6°32	16°44	M12
T 13	15 45 14	27°15'58	26°14	21°54	21°59	22°11	22° 2	28° 6	25°54	23°47	4°48	26°39	26°48	6°38	16°50	T 13
W14	15 49 11	28°13'21	9♒38	24° 4	23°13	22°55	22° 0	28° 2	25°57	23°46	4°46	26°37	26°45	6°45	16°55	W14
T 15	15 53 7	29°10'43	22°34	26°15	24°26	23°39	21°58	27°58	26° 0	23°46	4°45	26°36	26°42	6°52	17° 0	T 15
F 16	15 57 4	0♊ 8'04	5♓ 8	28°26	25°40	24°24	21°56	27°55	26° 3	23°45	4°43	26°36	26°39	6°58	17° 6	F 16
S 17	16 1 1	1° 5'25	17°23	0♊38	26°54	25° 8	21°54	27°52	26° 6	23°44	4°42	26°36	26°35	7° 5	17°11	S 17
S 18	16 4 57	2° 2'46	29°26	2°50	28° 7	25°52	21°51	27°48	26° 9	23°43	4°40	26°33	26°32	7°12	17°17	S 18
M19	16 8 54	3° 0'05	11♈21	5° 2	29°21	26°36	21°49	27°45	26°12	23°42	4°38	26°29	26°29	7°19	17°22	M19
T 20	16 12 50	3°57'24	23°11	7°13	0♊35	27°19	21°46	27°42	26°15	23°41	4°37	26°21	26°26	7°25	17°28	T 20
W21	16 16 47	4°54'43	5♉ 1	9°24	1°48	28° 3	21°43	27°39	26°18	23°41	4°35	26°11	26°23	7°32	17°34	W21
T 22	16 20 43	5°52'01	16°54	11°34	3° 2	28°47	21°40	27°36	26°21	23°40	4°34	25°59	26°20	7°39	17°39	T 22
F 23	16 24 40	6°49'19	28°50	13°43	4°16	29°31	21°37	27°33	26°24	23°39	4°32	25°45	26°16	7°45	17°45	F 23
S 24	16 28 36	7°46'35	10♊52	15°50	5°29	0♈14	21°33	27°30	26°26	23°38	4°30	25°32	26°13	7°52	17°51	S 24
S 25	16 32 33	8°43'52	23° 1	17°56	6°43	0°58	21°29	27°27	26°29	23°37	4°29	25°20	26°10	7°59	17°57	S 25
M26	16 36 30	9°41'07	5♋18	20° 0	7°57	1°41	21°25	27°24	26°32	23°36	4°27	25° 9	26° 7	8° 6	18° 3	M26
T 27	16 40 26	10°38'22	17°44	22° 2	9°10	2°25	21°21	27°21	26°35	23°35	4°26	25° 2	26° 4	8°12	18° 9	T 27
W28	16 44 23	11°35'37	0♌21	24° 2	10°24	3° 8	21°17	27°19	26°37	23°33	4°24	24°57	26° 1	8°19	18°15	W28
T 29	16 48 19	12°32'50	13°10	26° 0	11°38	3°51	21°13	27°16	26°40	23°32	4°23	24°55	25°57	8°26	18°21	T 29
F 30	16 52 16	13°30'03	26°15	27°57	12°51	4°35	21° 8	27°14	26°43	23°31	4°21	24°D54	25°54	8°32	18°27	F 30
S 31	16 56 12	14♊27'15	9♍38	29♊51	14♊ 5	5♈18	21♑ 4	27♎11	26♈45	23♑30	4♐19	24°R55	25♌51	8♉39	18♋33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n39	17n29	2s 6	8n58	2s 1	13n 6	0s58	8s 9	1s40	22s 2	0s18	8s37	2n42	9n21	0s31	21s 9	0n17	11s40	9n45	12n19	12n26	8n52	16n48	5s51
F 2	16 55	15 4	1 0	9 43	1 53	13 31	0 56	7 52	1 41	22 2	0 18	8 36	2 42	9 22	0 31	21 9	0 17	11 40	9 45	12 19	12 27	8 53	16 48	5 51
S 3	17 12	11 47	0n10	10 30	1 44	13 56	0 54	7 35	1 41	22 2	0 18	8 34	2 41	9 23	0 31	21 9	0 17	11 39	9 45	12 19	12 28	8 55	16 48	5 50
S 4	17 28	7 46	1 22	11 17	1 36	14 21	0 52	7 18	1 42	22 2	0 18	8 33	2 41	9 24	0 31	21 10	0 17	11 39	9 45	12 19	12 29	8 57	16 48	5 50
M 5	17 44	3 12	2 32	12 4	1 26	14 46	0 50	7 1	1 42	22 2	0 18	8 31	2 41	9 25	0 31	21 10	0 17	11 39	9 45	12 20	12 30	8 59	16 48	5 49
T 6	17 59	1s42	3 33	12 51	1 17	15 10	0 48	6 44	1 43	22 3	0 19	8 30	2 41	9 27	0 31	21 10	0 17	11 39	9 45	12 21	12 31	9 1	16 48	5 49
W 7	18 14	6 35	4 21	13 39	1 7	15 34	0 46	6 27	1 43	22 3	0 19	8 29	2 41	9 28	0 31	21 10	0 17	11 38	9 45	12 24	12 32	9 3	16 48	5 49
T 8	18 29	11 8	4 51	14 26	0 57	15 58	0 44	6 10	1 43	22 3	0 19	8 28	2 41	9 29	0 31	21 10	0 17	11 38	9 45	12 27	12 33	9 5	16 47	5 48
F 9	18 44	14 57	5 0	15 13	0 47	16 21	0 42	5 53	1 44	22 3	0 19	8 26	2 41	9 30	0 31	21 10	0 17	11 38	9 45	12 31	12 34	9 7	16 47	5 48
S 10	18 58	17 43	4 49	16 0	0 36	16 44	0 40	5 35	1 44	22 4	0 19	8 25	2 40	9 31	0 31	21 10	0 17	11 38	9 45	12 35	12 35	9 9	16 47	5 47
S 11	19 12	19 15	4 18	16 46	0 26	17 6	0 38	5 18	1 45	22 4	0 20	8 24	2 40	9 32	0 31	21 10	0 17	11 37	9 45	12 38	12 36	9 10	16 47	5 47
M12	19 26	19 29	3 31	17 32	0 15	17 28	0 36	5 1	1 45	22 4	0 20	8 23	2 40	9 33	0 31	21 10	0 17	11 37	9 45	12 40	12 38	9 12	16 46	5 47
T 13	19 39	18 30	2 33	18 16	0 4	17 49	0 34	4 44	1 46	22 5	0 20	8 22	2 40	9 35	0 31	21 10	0 17	11 37	9 45	12 42	12 39	9 14	16 46	5 46
W14	19 52	16 31	1 29	19 0	0n 7	18 10	0 31	4 27	1 46	22 5	0 20	8 21	2 40	9 36	0 31	21 11	0 17	11 37	9 45	12 42	12 40	9 16	16 46	5 46
T 15	20 5	13 44	0 21	19 41	0 17	18 31	0 29	4 9	1 46	22 6	0 20	8 19	2 40	9 37	0 31	21 11	0 17	11 37	9 45	12 43	12 41	9 18	16 46	5 46
F 16	20 17	10 23	0s45	20 22	0 27	18 51	0 27	3 52	1 47	22 6	0 21	8 18	2 39	9 38	0 31	21 11	0 17	11 36	9 45	12 43	12 42	9 20	16 45	5 45
S 17	20 29	6 39	1 48	21 0	0 37	19 10	0 25	3 35	1 47	22 7	0 21	8 17	2 39	9 39	0 31	21 11	0 17	11 36	9 45	12 43	12 43	9 22	16 45	5 45
S 18	20 41	2 44	2 44	21 36	0 47	19 29	0 22	3 18	1 47	22 7	0 21	8 16	2 39	9 40	0 31	21 11	0 17	11 36	9 44	12 44	12 44	9 24	16 45	5 45
M19	20 52	1n15	3 33	22 10	0 56	19 48	0 20	3 0	1 48	22 8	0 21	8 15	2 39	9 41	0 31	21 11	0 17	11 36	9 44	12 45	12 45	9 26	16 44	5 44
T 20	21 3	5 9	4 12	22 42	1 5	20 5	0 18	2 43	1 48	22 9	0 21	8 14	2 39	9 42	0 31	21 11	0 17	11 36	9 44	12 48	12 46	9 27	16 44	5 44
W21	21 14	8 52	4 40	23 11	1 14	20 23	0 15	2 26	1 48	22 9	0 22	8 13	2 39	9 43	0 31	21 12	0 17	11 35	9 44	12 51	12 47	9 29	16 43	5 44
T 22	21 24	12 14	4 56	23 38	1 21	20 40	0 13	2 9	1 49	22 10	0 22	8 12	2 38	9 44	0 31	21 12	0 17	11 35	9 44	12 56	12 48	9 31	16 43	5 43
F 23	21 34	15 8	5 0	24 2	1 28	20 56	0 11	1 52	1 49	22 11	0 22	8 12	2 38	9 45	0 31	21 12	0 17	11 35	9 44	13 0	12 50	9 33	16 43	5 43
S 24	21 43	17 25	4 50	24 23	1 35	21 12	0 8	1 34	1 49	22 12	0 22	8 11	2 38	9 46	0 31	21 12	0 17	11 35	9 44	13 5	12 51	9 35	16 42	5 43
S 25	21 52	18 57	4 26	24 41	1 40	21 27	0 6	1 17	1 50	22 12	0 22	8 10	2 38	9 47	0 31	21 12	0 17	11 35	9 44	13 9	12 52	9 37	16 42	5 42
M26	22 1	19 37	3 51	24 56	1 45	21 41	0 3	1 0	1 50	22 13	0 22	8 9	2 38	9 48	0 31	21 12	0 17	11 35	9 44	13 12	12 53	9 39	16 41	5 42
T 27	22 10	19 21	3 3	25 9	1 50	21 55	0 1	0 43	1 50	22 14	0 23	8 8	2 37	9 49	0 31	21 13	0 17	11 34	9 43	13 15	12 54	9 41	16 41	5 42
W28	22 18	18 8	2 6	25 19	1 53	22 9	0n 1	0 26	1 50	22 15	0 23	8 8	2 37	9 50	0 31	21 13	0 17	11 34	9 43	13 16	12 55	9 42	16 40	5 42
T 29	22 25	15 58	1 2	25 26	1 56	22 21	0 4	0 9	1 51	22 16	0 23	8 7	2 37	9 51	0 31	21 13	0 17	11 34	9 43	13 17	12 56	9 44	16 40	5 41
F 30	22 32	12 57	0n 7	25 31	1 58	22 34	0 6	0n 8	1 51	22 17	0 23	8 6	2 37	9 52	0 31	21 13	0 17	11 34	9 43	13 17	12 57	9 46	16 39	5 41
S 31	22n39	9n12	1n17	25n34	2n 0	22n45	0n 8	0n25	1s51	22s17	0s23	8s 6	2n36	9n53	0s31	21s13	0n17	11s34	9n43	13n17	12n58	9n48	16n39	5s41

Julian Day Number = 2090811.5, Delta T = 23m24s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'27, Lahiri = 10°05'27 Julian Calendar 1 May 1012 == Greg. Calendar 7 May 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

JUNE 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 0 9	15♊24'26	23♍21	1♋42	15♊19	6♈ 1	20°R59	27°R 9	26♈48	23°R29	4°R18	24°R54	25♌48	8♉46	18♋40	S 1
M 2	17 4 5	16°21'37	7♎27	3°32	16°32	6°44	20♑54	27♎ 7	26°50	23♑28	4♐16	24♌53	25°45	8°53	18°46	M 2
T 3	17 8 2	17°18'47	21°53	5°19	17°46	7°26	20°49	27° 5	26°53	23°26	4°15	24°49	25°41	8°59	18°52	T 3
W 4	17 11 59	18°15'57	6♏38	7° 5	19° 0	8° 9	20°44	27° 3	26°55	23°25	4°13	24°43	25°38	9° 6	18°58	W 4
T 5	17 15 55	19°13'06	21°35	8°48	20°13	8°52	20°38	27° 1	26°58	23°24	4°12	24°35	25°35	9°13	19° 5	T 5
F 6	17 19 52	20°10'14	6♐37	10°28	21°27	9°35	20°33	26°59	27° 0	23°23	4°10	24°25	25°32	9°20	19°11	F 6
S 7	17 23 48	21° 7'23	21°33	12° 6	22°41	10°17	20°27	26°57	27° 2	23°21	4° 9	24°16	25°29	9°26	19°18	S 7
S 8	17 27 45	22° 4'31	6♑15	13°43	23°54	11° 0	20°21	26°56	27° 5	23°20	4° 7	24° 8	25°26	9°33	19°24	S 8
M 9	17 31 41	23° 1'39	20°35	15°16	25° 8	11°42	20°15	26°54	27° 7	23°19	4° 6	24° 2	25°22	9°40	19°31	M 9
T 10	17 35 38	23°58'48	4♒29	16°48	26°22	12°24	20° 9	26°53	27° 9	23°17	4° 4	23°58	25°19	9°46	19°37	T 10
W11	17 39 34	24°55'56	17°55	18°17	27°36	13° 6	20° 3	26°51	27°11	23°16	4° 3	23°D56	25°16	9°53	19°44	W11
T 12	17 43 31	25°53'05	0♓56	19°44	28°49	13°48	19°56	26°50	27°14	23°15	4° 1	23°56	25°13	10° 0	19°50	T 12
F 13	17 47 28	26°50'13	13°33	21° 8	0♋ 3	14°30	19°50	26°49	27°16	23°13	4° 0	23°57	25°10	10° 7	19°57	F 13
S 14	17 51 24	27°47'22	25°51	22°30	1°17	15°12	19°43	26°48	27°18	23°12	3°58	23°R58	25° 7	10°13	20° 4	S 14
S 15	17 55 21	28°44'32	7♈55	23°50	2°31	15°54	19°37	26°47	27°20	23°10	3°57	23°57	25° 3	10°20	20°10	S 15
M16	17 59 17	29°41'42	19°51	25° 7	3°44	16°36	19°30	26°46	27°22	23° 9	3°56	23°55	25° 0	10°27	20°17	M16
T 17	18 3 14	0♋38'52	1♉42	26°22	4°58	17°18	19°23	26°45	27°24	23° 8	3°54	23°51	24°57	10°33	20°24	T 17
W18	18 7 10	1°36'02	13°34	27°34	6°12	17°59	19°16	26°44	27°26	23° 6	3°53	23°45	24°54	10°40	20°31	W18
T 19	18 11 7	2°33'13	25°29	28°43	7°26	18°40	19° 9	26°44	27°28	23° 5	3°51	23°37	24°51	10°47	20°37	T 19
F 20	18 15 3	3°30'24	7♊31	29°50	8°40	19°22	19° 2	26°43	27°29	23° 3	3°50	23°28	24°47	10°54	20°44	F 20
S 21	18 19 0	4°27'36	19°42	0♌54	9°53	20° 3	18°55	26°43	27°31	23° 2	3°49	23°18	24°44	11° 0	20°51	S 21
S 22	18 22 57	5°24'48	2♋ 3	1°55	11° 7	20°44	18°47	26°43	27°33	23° 0	3°47	23°10	24°41	11° 7	20°58	S 22
M23	18 26 53	6°22'01	14°34	2°53	12°21	21°25	18°40	26°42	27°35	22°58	3°46	23° 3	24°38	11°14	21° 5	M23
T 24	18 30 50	7°19'14	27°16	3°48	13°35	22° 6	18°33	26°42	27°36	22°57	3°45	22°58	24°35	11°20	21°12	T 24
W25	18 34 46	8°16'27	10♌10	4°39	14°49	22°46	18°25	26°D42	27°38	22°55	3°44	22°56	24°32	11°27	21°19	W25
T 26	18 38 43	9°13'40	23°16	5°27	16° 2	23°27	18°17	26°42	27°40	22°54	3°42	22°D55	24°28	11°34	21°26	T 26
F 27	18 42 39	10°10'54	6♍35	6°12	17°16	24° 7	18°10	26°42	27°41	22°52	3°41	22°55	24°25	11°41	21°33	F 27
S 28	18 46 36	11° 8'07	20° 8	6°53	18°30	24°48	18° 2	26°43	27°43	22°51	3°40	22°57	24°22	11°47	21°40	S 28
S 29	18 50 32	12° 5'21	3♎55	7°31	19°44	25°28	17°55	26°43	27°44	22°49	3°39	22°58	24°19	11°54	21°47	S 29
M30	18 54 29	13♋ 2'35	17♎56	8♌ 4	20♋58	26♈ 8	17♑47	26♎43	27♈46	22♑47	3♐38	22°R58	24♌16	12♉ 1	21♋54	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n46	4n52	2n25	25n34	2n 0	22n56	0n11	0n42	1s51	22s18	0s24	8s 5	2n36	9n54	0s31	21s14	0n17	11s34	9n43	13n17	12n59	9n50	16n38	5s41
M 2	22 52	0 11	3 26	25 31	2 0	23 6	0 13	0 59	1 51	22 19	0 24	8 5	2 36	9 55	0 31	21 14	0 17	11 34	9 43	13 18	13 0	9 52	16 37	5 40
T 3	22 57	4s38	4 15	25 27	2 0	23 15	0 15	1 16	1 52	22 20	0 24	8 4	2 36	9 56	0 31	21 14	0 17	11 34	9 42	13 19	13 1	9 54	16 37	5 40
W 4	23 3	9 16	4 48	25 21	1 58	23 24	0 18	1 32	1 52	22 21	0 24	8 3	2 35	9 57	0 31	21 14	0 17	11 33	9 42	13 21	13 2	9 56	16 36	5 40
T 5	23 7	13 23	5 3	25 12	1 56	23 32	0 20	1 49	1 52	22 22	0 24	8 3	2 35	9 57	0 31	21 15	0 17	11 33	9 42	13 24	13 4	9 57	16 36	5 40
F 6	23 12	16 39	4 56	25 2	1 53	23 40	0 22	2 6	1 52	22 23	0 25	8 3	2 35	9 58	0 31	21 15	0 17	11 33	9 42	13 27	13 5	9 59	16 35	5 39
S 7	23 16	18 48	4 30	24 50	1 50	23 46	0 25	2 22	1 52	22 24	0 25	8 2	2 35	9 59	0 31	21 15	0 17	11 33	9 42	13 30	13 6	10 1	16 34	5 39
S 8	23 20	19 40	3 46	24 37	1 46	23 52	0 27	2 39	1 52	22 26	0 25	8 2	2 35	10 0	0 31	21 15	0 17	11 33	9 41	13 33	13 7	10 3	16 34	5 39
M 9	23 23	19 12	2 48	24 22	1 41	23 58	0 29	2 55	1 53	22 27	0 25	8 1	2 34	10 1	0 31	21 15	0 17	11 33	9 41	13 35	13 8	10 5	16 33	5 39
T 10	23 26	17 35	1 42	24 5	1 36	24 2	0 31	3 12	1 53	22 28	0 25	8 1	2 34	10 2	0 31	21 16	0 17	11 33	9 41	13 36	13 9	10 7	16 32	5 39
W11	23 28	15 2	0 32	23 48	1 30	24 6	0 34	3 28	1 53	22 29	0 26	8 1	2 34	10 2	0 31	21 16	0 17	11 33	9 41	13 37	13 10	10 9	16 31	5 38
T 12	23 30	11 47	0s37	23 29	1 24	24 9	0 36	3 45	1 53	22 30	0 26	8 1	2 34	10 3	0 31	21 16	0 17	11 33	9 41	13 37	13 11	10 10	16 31	5 38
F 13	23 32	8 5	1 43	23 10	1 17	24 12	0 38	4 1	1 53	22 31	0 26	8 1	2 33	10 4	0 31	21 16	0 17	11 33	9 40	13 36	13 12	10 12	16 30	5 38
S 14	23 33	4 8	2 42	22 49	1 10	24 14	0 40	4 17	1 53	22 32	0 26	8 0	2 33	10 5	0 31	21 17	0 17	11 33	9 40	13 36	13 13	10 14	16 29	5 38
S 15	23 34	0 6	3 33	22 28	1 2	24 15	0 42	4 33	1 53	22 33	0 26	8 0	2 33	10 5	0 31	21 17	0 17	11 33	9 40	13 36	13 14	10 16	16 28	5 38
M16	23 34	3n53	4 14	22 5	0 53	24 15	0 44	4 49	1 53	22 35	0 26	8 0	2 32	10 6	0 31	21 17	0 17	11 33	9 40	13 37	13 15	10 18	16 27	5 38
T 17	23 34	7 41	4 44	21 43	0 44	24 15	0 46	5 5	1 53	22 36	0 27	8 0	2 32	10 7	0 31	21 17	0 17	11 33	9 39	13 38	13 16	10 20	16 27	5 38
W18	23 33	11 12	5 1	21 19	0 35	24 13	0 48	5 21	1 53	22 37	0 27	8 0	2 32	10 7	0 31	21 18	0 17	11 33	9 39	13 41	13 17	10 22	16 26	5 37
T 19	23 32	14 17	5 6	20 56	0 25	24 12	0 50	5 37	1 53	22 38	0 27	8 0	2 32	10 8	0 31	21 18	0 17	11 33	9 39	13 43	13 19	10 24	16 25	5 37
F 20	23 31	16 48	4 57	20 32	0 14	24 9	0 52	5 52	1 53	22 39	0 27	8 0	2 31	10 9	0 32	21 18	0 17	11 33	9 39	13 46	13 20	10 25	16 24	5 37
S 21	23 29	18 36	4 35	20 7	0 4	24 6	0 54	6 8	1 53	22 40	0 27	8 0	2 31	10 9	0 32	21 18	0 17	11 33	9 38	13 49	13 21	10 27	16 23	5 37
S 22	23 27	19 34	3 59	19 43	0s 7	24 2	0 56	6 23	1 53	22 42	0 27	8 0	2 31	10 10	0 32	21 19	0 17	11 33	9 38	13 52	13 22	10 29	16 22	5 37
M23	23 25	19 35	3 12	19 19	0 19	23 57	0 58	6 39	1 53	22 43	0 28	8 1	2 31	10 11	0 32	21 19	0 17	11 33	9 38	13 54	13 23	10 31	16 21	5 37
T 24	23 22	18 37	2 14	18 54	0 31	23 51	1 0	6 54	1 53	22 44	0 28	8 1	2 30	10 11	0 32	21 19	0 17	11 33	9 38	13 56	13 24	10 33	16 20	5 37
W25	23 18	16 41	1 8	18 30	0 43	23 45	1 1	7 9	1 53	22 45	0 28	8 1	2 30	10 12	0 32	21 20	0 17	11 33	9 37	13 57	13 25	10 35	16 19	5 37
T 26	23 15	13 52	0n 2	18 6	0 56	23 38	1 3	7 24	1 53	22 46	0 28	8 1	2 30	10 12	0 32	21 20	0 17	11 33	9 37	13 57	13 26	10 36	16 18	5 37
F 27	23 10	10 17	1 13	17 43	1 8	23 31	1 5	7 39	1 53	22 48	0 28	8 2	2 30	10 13	0 32	21 20	0 17	11 33	9 37	13 57	13 27	10 38	16 17	5 37
S 28	23 6	6 6	2 22	17 20	1 22	23 22	1 6	7 54	1 53	22 49	0 28	8 2	2 29	10 13	0 32	21 20	0 17	11 33	9 37	13 56	13 28	10 40	16 16	5 37
S 29	23 1	1 33	3 24	16 58	1 35	23 13	1 8	8 9	1 53	22 50	0 29	8 2	2 29	10 14	0 32	21 21	0 17	11 33	9 36	13 56	13 29	10 42	16 15	5 36
M30	22n55	3s 9	4n15	16n36	1s48	23n 4	1n 9	8n24	1s52	22s51	0s29	8s 3	2n29	10n14	0s32	21s21	0n17	11s33	9n36	13n56	13n30	10n44	16n14	5s36

Julian Day Number = 2090842.5, Delta T = 23m24s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'31, Lahiri = 10°05'31 Julian Calendar 1 June 1012 == Greg. Calendar 7 June 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

JULY 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 58 26	13♋59'50	2♏11	8♌33	22♋12	26♈48	17°R39	26♎44	27♈47	22°R46	3°R37	22°R57	24♌12	12♉ 8	22♋ 1	T 1
W 2	19 2 22	14°57'05	16°38	8°58	23°26	27°28	17♑31	26°45	27°48	22♑44	3♐35	22♌54	24° 9	12°14	22° 8	W 2
T 3	19 6 19	15°54'20	1♐13	9°19	24°39	28° 7	17°24	26°45	27°50	22°43	3°34	22°49	24° 6	12°21	22°15	T 3
F 4	19 10 15	16°51'36	15°50	9°35	25°53	28°47	17°16	26°46	27°51	22°41	3°33	22°44	24° 3	12°28	22°22	F 4
S 5	19 14 12	17°48'52	0♑22	9°46	27° 7	29°26	17° 8	26°47	27°52	22°39	3°32	22°39	24° 0	12°34	22°29	S 5
S 6	19 18 8	18°46'09	14°44	9°52	28°21	0♉ 5	17° 0	26°48	27°53	22°38	3°31	22°35	23°57	12°41	22°36	S 6
M 7	19 22 5	19°43'27	28°49	9°R53	29°35	0°45	16°53	26°49	27°54	22°36	3°30	22°31	23°53	12°48	22°43	M 7
T 8	19 26 2	20°40'45	12♒34	9°50	0♌49	1°23	16°45	26°51	27°55	22°35	3°29	22°30	23°50	12°55	22°50	T 8
W 9	19 29 58	21°38'05	25°55	9°41	2° 3	2° 2	16°37	26°52	27°56	22°33	3°28	22°D29	23°47	13° 1	22°57	W 9
T 10	19 33 55	22°35'25	8♓54	9°27	3°17	2°41	16°30	26°53	27°57	22°31	3°28	22°30	23°44	13° 8	23° 4	T 10
F 11	19 37 51	23°32'47	21°32	9° 8	4°30	3°19	16°22	26°55	27°58	22°30	3°27	22°32	23°41	13°15	23°11	F 11
S 12	19 41 48	24°30'09	3♈53	8°44	5°44	3°58	16°14	26°57	27°59	22°28	3°26	22°33	23°38	13°21	23°18	S 12
S 13	19 45 44	25°27'33	16° 0	8°15	6°58	4°36	16° 7	26°58	28° 0	22°26	3°25	22°34	23°34	13°28	23°26	S 13
M14	19 49 41	26°24'58	27°57	7°42	8°12	5°14	15°59	27° 0	28° 0	22°25	3°24	22°R35	23°31	13°35	23°33	M14
T 15	19 53 37	27°22'25	9♉50	7° 5	9°26	5°52	15°52	27° 2	28° 1	22°23	3°23	22°34	23°28	13°42	23°40	T 15
W16	19 57 34	28°19'52	21°44	6°24	10°40	6°30	15°44	27° 4	28° 2	22°22	3°23	22°32	23°25	13°48	23°47	W16
T 17	20 1 30	29°17'21	3♊42	5°41	11°54	7° 7	15°37	27° 6	28° 2	22°20	3°22	22°30	23°22	13°55	23°54	T 17
F 18	20 5 27	0♌14'52	15°48	4°55	13° 8	7°44	15°30	27° 8	28° 3	22°18	3°21	22°26	23°18	14° 2	24° 1	F 18
S 19	20 9 24	1°12'24	28° 6	4° 7	14°22	8°22	15°22	27°10	28° 3	22°17	3°21	22°23	23°15	14° 9	24° 8	S 19
S 20	20 13 20	2° 9'57	10♋37	3°19	15°36	8°59	15°15	27°13	28° 4	22°15	3°20	22°20	23°12	14°15	24°15	S 20
M21	20 17 17	3° 7'31	23°23	2°31	16°50	9°35	15° 8	27°15	28° 4	22°14	3°19	22°17	23° 9	14°22	24°22	M21
T 22	20 21 13	4° 5'07	6♌25	1°44	18° 4	10°12	15° 1	27°18	28° 5	22°12	3°19	22°16	23° 6	14°29	24°29	T 22
W23	20 25 10	5° 2'43	19°41	0°59	19°18	10°48	14°54	27°20	28° 5	22°10	3°18	22°D15	23° 3	14°35	24°36	W23
T 24	20 29 6	6° 0'21	3♍11	0°17	20°32	11°25	14°47	27°23	28° 5	22° 9	3°18	22°15	22°59	14°42	24°43	T 24
F 25	20 33 3	6°58'00	16°53	29♋39	21°46	12° 1	14°41	27°26	28° 5	22° 7	3°17	22°16	22°56	14°49	24°50	F 25
S 26	20 36 59	7°55'40	0♎45	29° 5	22°59	12°36	14°34	27°29	28° 6	22° 6	3°17	22°17	22°53	14°56	24°58	S 26
S 27	20 40 56	8°53'22	14°47	28°37	24°13	13°12	14°28	27°32	28° 6	22° 4	3°16	22°18	22°50	15° 2	25° 5	S 27
M28	20 44 53	9°51'04	28°55	28°15	25°27	13°47	14°21	27°35	28° 6	22° 3	3°16	22°19	22°47	15° 9	25°12	M28
T 29	20 48 49	10°48'47	13♏ 8	27°59	26°41	14°22	14°15	27°38	28°R 6	22° 1	3°16	22°R19	22°44	15°16	25°18	T 29
W30	20 52 46	11°46'32	27°23	27°50	27°55	14°57	14° 9	27°41	28° 6	22° 0	3°15	22°19	22°40	15°22	25°25	W30
T 31	20 56 42	12♌44'18	11♐38	27°D49	29♌ 9	15♉32	14♑ 3	27♎45	28♈ 6	21♑58	3♐15	22♌18	22♌37	15♉29	25♋32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n50	7s45	4n51	16n15	2s 2	22n53	1n11	8n38	1s52	22s52	0s29	8s 3	2n28	10n15	0s32	21s21	0n17	11s33	9n36	13n56	13n31	10n46	16n13	5s36	T 1
W 2	22 43	11 58	5 9	15 56	2 16	22 42	1 12	8 53	1 52	22 53	0 29	8 4	2 28	10 15	0 32	21 21	0 17	11 34	9 35	13 57	13 32	10 48	16 12	5 36	W 2
T 3	22 37	15 30	5 7	15 37	2 29	22 31	1 14	9 7	1 52	22 55	0 29	8 4	2 28	10 16	0 32	21 22	0 17	11 34	9 35	13 59	13 33	10 49	16 11	5 36	T 3
F 4	22 30	18 4	4 46	15 20	2 43	22 18	1 15	9 21	1 52	22 56	0 29	8 5	2 28	10 16	0 32	21 22	0 17	11 34	9 35	14 0	13 34	10 51	16 10	5 36	F 4
S 5	22 22	19 28	4 6	15 4	2 56	22 5	1 16	9 36	1 52	22 57	0 30	8 5	2 27	10 17	0 32	21 22	0 17	11 34	9 34	14 2	13 36	10 53	16 9	5 36	S 5
S 6	22 15	19 35	3 11	14 49	3 10	21 52	1 17	9 50	1 51	22 58	0 30	8 6	2 27	10 17	0 32	21 23	0 17	11 34	9 34	14 4	13 37	10 55	16 8	5 36	S 6
M 7	22 6	18 27	2 6	14 37	3 23	21 37	1 18	10 3	1 51	22 59	0 30	8 7	2 27	10 17	0 32	21 23	0 17	11 34	9 34	14 5	13 38	10 57	16 7	5 36	M 7
T 8	21 58	16 16	0 54	14 25	3 35	21 22	1 19	10 17	1 51	23 0	0 30	8 7	2 27	10 18	0 32	21 23	0 17	11 34	9 33	14 5	13 39	10 59	16 5	5 36	T 8
W 9	21 49	13 14	0s19	14 16	3 47	21 7	1 20	10 31	1 51	23 1	0 30	8 8	2 26	10 18	0 32	21 23	0 17	11 35	9 33	14 5	13 40	11 0	16 4	5 36	W 9
T 10	21 40	9 39	1 29	14 9	3 59	20 51	1 21	10 44	1 50	23 2	0 30	8 9	2 26	10 18	0 32	21 24	0 17	11 35	9 33	14 5	13 41	11 2	16 3	5 36	T 10
F 11	21 30	5 42	2 32	14 4	4 9	20 34	1 22	10 58	1 50	23 3	0 30	8 10	2 26	10 19	0 32	21 24	0 17	11 35	9 32	14 5	13 42	11 4	16 2	5 36	F 11
S 12	21 20	1 37	3 28	14 0	4 19	20 17	1 23	11 11	1 50	23 5	0 30	8 10	2 25	10 19	0 32	21 24	0 17	11 35	9 32	14 4	13 43	11 6	16 1	5 36	S 12
S 13	21 10	2n27	4 12	13 59	4 27	19 59	1 24	11 24	1 50	23 6	0 31	8 11	2 25	10 19	0 32	21 25	0 17	11 35	9 32	14 4	13 44	11 8	16 0	5 36	S 13
M14	20 59	6 21	4 46	14 1	4 35	19 40	1 25	11 37	1 49	23 7	0 31	8 12	2 25	10 19	0 32	21 25	0 17	11 35	9 31	14 4	13 45	11 10	15 58	5 37	M14
T 15	20 48	10 0	5 6	14 4	4 41	19 21	1 25	11 50	1 49	23 8	0 31	8 13	2 25	10 20	0 32	21 25	0 17	11 36	9 31	14 4	13 46	11 11	15 57	5 37	T 15
W16	20 36	13 14	5 14	14 10	4 45	19 2	1 26	12 3	1 49	23 9	0 31	8 14	2 24	10 20	0 32	21 25	0 17	11 36	9 31	14 4	13 47	11 13	15 56	5 37	W16
T 17	20 24	15 58	5 8	14 17	4 48	18 42	1 26	12 15	1 48	23 10	0 31	8 15	2 24	10 20	0 32	21 26	0 17	11 36	9 30	14 5	13 48	11 15	15 55	5 37	T 17
F 18	20 12	18 1	4 48	14 27	4 49	18 21	1 27	12 28	1 48	23 11	0 31	8 16	2 24	10 20	0 32	21 26	0 17	11 36	9 30	14 6	13 49	11 17	15 53	5 37	F 18
S 19	20 0	19 18	4 15	14 39	4 49	18 0	1 27	12 40	1 47	23 12	0 31	8 17	2 24	10 20	0 32	21 26	0 17	11 37	9 29	14 7	13 50	11 19	15 52	5 37	S 19
S 20	19 47	19 39	3 30	14 52	4 46	17 38	1 28	12 52	1 47	23 12	0 31	8 18	2 23	10 21	0 32	21 26	0 17	11 37	9 29	14 8	13 51	11 21	15 51	5 37	S 20
M21	19 34	19 1	2 32	15 7	4 42	17 16	1 28	13 5	1 47	23 13	0 32	8 19	2 23	10 21	0 32	21 27	0 17	11 37	9 29	14 9	13 52	11 22	15 49	5 37	M21
T 22	19 20	17 23	1 26	15 24	4 36	16 54	1 28	13 16	1 46	23 14	0 32	8 21	2 23	10 21	0 32	21 27	0 17	11 37	9 28	14 10	13 53	11 24	15 48	5 37	T 22
W23	19 6	14 46	0 14	15 41	4 28	16 30	1 28	13 28	1 46	23 15	0 32	8 22	2 23	10 21	0 32	21 27	0 17	11 38	9 28	14 10	13 54	11 26	15 47	5 37	W23
T 24	18 52	11 19	1n 0	15 59	4 18	16 7	1 28	13 40	1 45	23 16	0 32	8 23	2 22	10 21	0 32	21 28	0 17	11 38	9 28	14 10	13 56	11 28	15 45	5 38	T 24
F 25	18 38	7 14	2 12	16 18	4 7	15 43	1 28	13 51	1 45	23 17	0 32	8 24	2 22	10 21	0 32	21 28	0 17	11 38	9 27	14 10	13 57	11 30	15 44	5 38	F 25
S 26	18 23	2 42	3 17	16 37	3 55	15 19	1 28	14 3	1 44	23 18	0 32	8 25	2 22	10 21	0 32	21 28	0 17	11 39	9 27	14 9	13 58	11 31	15 43	5 38	S 26
S 27	18 8	2s 0	4 11	16 57	3 41	14 54	1 28	14 14	1 44	23 18	0 32	8 27	2 22	10 21	0 32	21 28	0 17	11 39	9 26	14 9	13 59	11 33	15 41	5 38	S 27
M28	17 52	6 37	4 50	17 16	3 26	14 29	1 28	14 25	1 43	23 19	0 32	8 28	2 21	10 21	0 32	21 29	0 17	11 39	9 26	14 9	14 0	11 35	15 40	5 38	M28
T 29	17 37	10 54	5 12	17 34	3 10	14 3	1 27	14 36	1 43	23 20	0 32	8 29	2 21	10 21	0 32	21 29	0 17	11 39	9 26	14 9	14 1	11 37	15 39	5 38	T 29
W30	17 21	14 34	5 15	17 52	2 53	13 37	1 27	14 47	1 42	23 21	0 32	8 31	2 21	10 21	0 32	21 29	0 17	11 40	9 25	14 9	14 2	11 39	15 37	5 38	W30
T 31	17n 5	17s22	4n59	18n 9	2s36	13n11	1n27	14n57	1s42	23s21	0s32	8s32	2n21	10n21	0s32	21s29	0n17	11s40	9n25	14n 9	14n 3	11n41	15n36	5s39	T 31

Julian Day Number = 2090872.5, Delta T = 23m23s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'35, Lahiri = 10°05'35 Julian Calendar 1 July 1012 == Greg. Calendar 7 July 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

AUGUST 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 0 39	13♌42'05	25♐49	27♋55	0♍23	16♉ 7	13°R57	27♎48	28°R 6	21°R57	3°R15	22°R17	22♌34	15♉36	25♋39	F 1
S 2	21 4 35	14°39'53	9♑54	28° 9	1°37	16°41	13♑52	27°52	28♈ 5	21♑55	3♐15	22♌16	22°31	15°43	25°46	S 2
S 3	21 8 32	15°37'43	23°48	28°31	2°51	17°15	13°46	27°55	28° 5	21°54	3°14	22°16	22°28	15°49	25°53	S 3
M 4	21 12 28	16°35'34	7♒29	29° 0	4° 5	17°49	13°41	27°59	28° 5	21°52	3°14	22°15	22°24	15°56	26° 0	M 4
T 5	21 16 25	17°33'26	20°54	29°37	5°19	18°22	13°35	28° 2	28° 5	21°51	3°14	22°D15	22°21	16° 3	26° 7	T 5
W 6	21 20 22	18°31'20	4♓ 3	0♌22	6°33	18°55	13°30	28° 6	28° 4	21°49	3°14	22°15	22°18	16°10	26°14	W 6
T 7	21 24 18	19°29'16	16°54	1°14	7°47	19°29	13°25	28°10	28° 4	21°48	3°14	22°15	22°15	16°16	26°20	T 7
F 8	21 28 15	20°27'13	29°28	2°13	9° 1	20° 1	13°21	28°14	28° 3	21°47	3°14	22°15	22°12	16°23	26°27	F 8
S 9	21 32 11	21°25'13	11♈47	3°19	10°14	20°34	13°16	28°18	28° 3	21°45	3°D14	22°16	22° 9	16°30	26°34	S 9
S 10	21 36 8	22°23'14	23°53	4°32	11°28	21° 6	13°11	28°22	28° 2	21°44	3°14	22°R16	22° 5	16°36	26°41	S 10
M11	21 40 4	23°21'17	5♉52	5°50	12°42	21°38	13° 7	28°27	28° 1	21°43	3°14	22°16	22° 2	16°43	26°47	M11
T 12	21 44 1	24°19'22	17°45	7°14	13°56	22°10	13° 3	28°31	28° 1	21°41	3°14	22°16	21°59	16°50	26°54	T 12
W13	21 47 57	25°17'29	29°39	8°43	15°10	22°41	12°59	28°35	28° 0	21°40	3°14	22°D16	21°56	16°57	27° 1	W13
T 14	21 51 54	26°15'38	11♊37	10°17	16°24	23°12	12°55	28°40	27°59	21°39	3°14	22°16	21°53	17° 3	27° 7	T 14
F 15	21 55 51	27°13'49	23°45	11°55	17°38	23°43	12°52	28°44	27°58	21°37	3°14	22°16	21°50	17°10	27°14	F 15
S 16	21 59 47	28°12'02	6♋ 5	13°36	18°52	24°14	12°48	28°49	27°58	21°36	3°15	22°17	21°46	17°17	27°20	S 16
S 17	22 3 44	29°10'18	18°42	15°21	20° 6	24°44	12°45	28°53	27°57	21°35	3°15	22°17	21°43	17°23	27°27	S 17
M18	22 7 40	0♍ 8'35	1♌39	17° 8	21°19	25°14	12°42	28°58	27°56	21°34	3°15	22°18	21°40	17°30	27°33	M18
T 19	22 11 37	1° 6'54	14°56	18°57	22°33	25°44	12°39	29° 3	27°55	21°33	3°15	22°18	21°37	17°37	27°40	T 19
W20	22 15 33	2° 5'15	28°33	20°47	23°47	26°13	12°36	29° 8	27°54	21°31	3°16	22°R18	21°34	17°44	27°46	W20
T 21	22 19 30	3° 3'38	12♍28	22°39	25° 1	26°42	12°34	29°13	27°53	21°30	3°16	22°18	21°30	17°50	27°52	T 21
F 22	22 23 26	4° 2'03	26°38	24°32	26°15	27°10	12°31	29°18	27°51	21°29	3°17	22°17	21°27	17°57	27°59	F 22
S 23	22 27 23	5° 0'29	10♎58	26°26	27°29	27°39	12°29	29°23	27°50	21°28	3°17	22°15	21°24	18° 4	28° 5	S 23
S 24	22 31 20	5°58'57	25°24	28°20	28°43	28° 6	12°27	29°28	27°49	21°27	3°18	22°14	21°21	18°11	28°11	S 24
M25	22 35 16	6°57'27	9♏49	0♍13	29°56	28°34	12°25	29°33	27°48	21°26	3°18	22°12	21°18	18°17	28°17	M25
T 26	22 39 13	7°55'59	24°11	2° 7	1♎10	29° 1	12°24	29°38	27°46	21°25	3°19	22°11	21°15	18°24	28°23	T 26
W27	22 43 9	8°54'32	8♐25	4° 1	2°24	29°28	12°22	29°44	27°45	21°24	3°19	22°D11	21°11	18°31	28°30	W27
T 28	22 47 6	9°53'07	22°29	5°53	3°38	29°54	12°21	29°49	27°44	21°23	3°20	22°11	21° 8	18°37	28°36	T 28
F 29	22 51 2	10°51'44	6♑22	7°46	4°52	0♊20	12°20	29°54	27°42	21°22	3°20	22°12	21° 5	18°44	28°42	F 29
S 30	22 54 59	11°50'23	20° 2	9°37	6° 5	0°46	12°19	29°59	27°41	21°21	3°21	22°13	21° 2	18°51	28°48	S 30
S 31	22 58 55	12♍49'03	3♒30	11♍28	7♎19	1♊11	12♑19	0♏ 5	27♈39	21♑20	3♐22	22♌15	20♌59	18♉58	28♋53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n48	19s 6	4n24	18n25	2s19	12n44	1n26	15n 8	1s41	23s22	0s33	8s34	2n20	10n21	0s32	21s30	0n17	11s40	9n25	14n 9	14n 4	11n42	15n34	5s39
S 2	16 31	19 39	3 34	18 40	2 1	12 17	1 26	15 18	1 40	23 23	0 33	8 35	2 20	10 21	0 32	21 30	0 17	11 41	9 24	14 10	14 5	11 44	15 33	5 39
S 3	16 14	18 58	2 31	18 53	1 44	11 50	1 25	15 29	1 40	23 23	0 33	8 37	2 20	10 21	0 32	21 30	0 17	11 41	9 24	14 10	14 6	11 46	15 31	5 39
M 4	15 57	17 12	1 21	19 4	1 26	11 22	1 24	15 39	1 39	23 24	0 33	8 38	2 20	10 21	0 32	21 30	0 17	11 42	9 23	14 10	14 7	11 48	15 30	5 39
T 5	15 39	14 29	0 7	19 13	1 9	10 54	1 24	15 49	1 39	23 25	0 33	8 40	2 19	10 20	0 32	21 31	0 17	11 42	9 23	14 10	14 8	11 50	15 29	5 40
W 6	15 21	11 5	1s 5	19 20	0 52	10 26	1 23	15 58	1 38	23 25	0 33	8 41	2 19	10 20	0 32	21 31	0 17	11 42	9 23	14 10	14 9	11 51	15 27	5 40
T 7	15 3	7 14	2 12	19 24	0 36	9 58	1 22	16 8	1 37	23 26	0 33	8 43	2 19	10 20	0 32	21 31	0 17	11 43	9 22	14 10	14 10	11 53	15 26	5 40
F 8	14 45	3 9	3 12	19 27	0 20	9 29	1 21	16 17	1 37	23 26	0 33	8 45	2 19	10 20	0 32	21 31	0 16	11 43	9 22	14 10	14 11	11 55	15 24	5 40
S 9	14 26	0n59	4 1	19 26	0 5	9 0	1 20	16 27	1 36	23 27	0 33	8 46	2 18	10 20	0 33	21 32	0 16	11 43	9 21	14 10	14 12	11 57	15 23	5 41
S 10	14 7	5 0	4 39	19 23	0n 9	8 31	1 19	16 36	1 35	23 27	0 33	8 48	2 18	10 19	0 33	21 32	0 16	11 44	9 21	14 10	14 13	11 59	15 21	5 41
M11	13 48	8 46	5 4	19 16	0 23	8 1	1 18	16 45	1 34	23 28	0 33	8 50	2 18	10 19	0 33	21 32	0 16	11 44	9 21	14 10	14 14	12 0	15 20	5 41
T 12	13 29	12 9	5 16	19 7	0 35	7 32	1 16	16 54	1 34	23 28	0 33	8 51	2 18	10 19	0 33	21 32	0 16	11 45	9 20	14 10	14 15	12 2	15 18	5 41
W13	13 9	15 4	5 14	18 55	0 46	7 2	1 15	17 3	1 33	23 29	0 33	8 53	2 18	10 19	0 33	21 32	0 16	11 45	9 20	14 10	14 16	12 4	15 17	5 42
T 14	12 50	17 21	4 59	18 40	0 57	6 32	1 14	17 11	1 32	23 29	0 33	8 55	2 17	10 18	0 33	21 33	0 16	11 45	9 19	14 10	14 17	12 6	15 15	5 42
F 15	12 30	18 55	4 31	18 22	1 7	6 1	1 12	17 20	1 31	23 30	0 33	8 57	2 17	10 18	0 33	21 33	0 16	11 46	9 19	14 10	14 18	12 8	15 14	5 42
S 16	12 10	19 37	3 49	18 2	1 15	5 31	1 11	17 28	1 30	23 30	0 33	8 59	2 17	10 18	0 33	21 33	0 16	11 46	9 19	14 10	14 19	12 9	15 12	5 42
S 17	11 49	19 21	2 56	17 38	1 22	5 0	1 9	17 36	1 29	23 30	0 34	9 0	2 17	10 17	0 33	21 33	0 16	11 47	9 18	14 9	14 20	12 11	15 11	5 43
M18	11 29	18 5	1 52	17 12	1 29	4 30	1 8	17 44	1 29	23 31	0 34	9 2	2 17	10 17	0 33	21 34	0 16	11 47	9 18	14 9	14 21	12 13	15 9	5 43
T 19	11 8	15 48	0 41	16 43	1 34	3 59	1 6	17 52	1 28	23 31	0 34	9 4	2 16	10 17	0 33	21 34	0 16	11 48	9 17	14 9	14 22	12 15	15 7	5 43
W20	10 47	12 35	0n34	16 12	1 39	3 28	1 4	18 0	1 27	23 31	0 34	9 6	2 16	10 16	0 33	21 34	0 16	11 48	9 17	14 9	14 23	12 17	15 6	5 44
T 21	10 26	8 36	1 49	15 39	1 43	2 57	1 3	18 8	1 26	23 32	0 34	9 8	2 16	10 16	0 33	21 34	0 16	11 49	9 17	14 9	14 25	12 18	15 4	5 44
F 22	10 5	4 5	2 59	15 4	1 45	2 26	1 1	18 15	1 25	23 32	0 34	9 10	2 16	10 15	0 33	21 34	0 16	11 49	9 16	14 9	14 26	12 20	15 3	5 44
S 23	9 43	0s43	3 58	14 27	1 47	1 55	0 59	18 23	1 24	23 32	0 34	9 12	2 15	10 15	0 33	21 35	0 16	11 50	9 16	14 10	14 27	12 22	15 1	5 45
S 24	9 22	5 30	4 42	13 49	1 48	1 23	0 57	18 30	1 23	23 32	0 34	9 14	2 15	10 15	0 33	21 35	0 16	11 50	9 15	14 10	14 28	12 24	15 0	5 45
M25	9 0	9 57	5 8	13 9	1 49	0 52	0 55	18 37	1 22	23 33	0 34	9 16	2 15	10 14	0 33	21 35	0 16	11 51	9 15	14 11	14 29	12 25	14 58	5 45
T 26	8 38	13 49	5 16	12 28	1 49	0 21	0 53	18 44	1 21	23 33	0 34	9 18	2 15	10 14	0 33	21 35	0 16	11 51	9 14	14 11	14 30	12 27	14 57	5 46
W27	8 16	16 50	5 3	11 46	1 48	0s11	0 51	18 51	1 20	23 33	0 34	9 20	2 15	10 13	0 33	21 35	0 16	11 52	9 14	14 11	14 31	12 29	14 55	5 46
T 28	7 54	18 49	4 33	11 2	1 46	0 42	0 49	18 57	1 19	23 33	0 34	9 22	2 15	10 13	0 33	21 35	0 16	11 52	9 14	14 11	14 32	12 31	14 53	5 47
F 29	7 32	19 38	3 47	10 18	1 44	1 14	0 47	19 4	1 18	23 33	0 34	9 24	2 14	10 12	0 33	21 36	0 16	11 53	9 13	14 11	14 33	12 33	14 52	5 47
S 30	7 9	19 17	2 48	9 34	1 41	1 45	0 44	19 10	1 17	23 33	0 34	9 26	2 14	10 12	0 33	21 36	0 16	11 53	9 13	14 11	14 34	12 34	14 50	5 47
S 31	6n47	17s50	1n42	8n49	1n38	2s17	0n42	19n16	1s15	23s33	0s34	9s28	2n14	10n11	0s33	21s36	0n16	11s54	9n13	14n10	14n35	12n36	14n49	5s48

Julian Day Number = 2090903.5, Delta T = 23m23s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'39, Lahiri = 10°05'40 Julian Calendar 1 Aug. 1012 == Greg. Calendar 7 Aug. 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

SEPTEMBER 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 2 52	13♍47'45	16♒45	13♍18	8♎33	1♊35	12°R18	0♏11	27°R38	21°R20	3♐23	22°R16	20♌55	19♉ 4	28♋59	M 1
T 2	23 6 49	14°46'29	29°47	15° 8	9°47	2° 0	12♑18	0°17	27♈36	21♑19	3°23	22♌15	20°52	19°11	29° 5	T 2
W 3	23 10 45	15°45'14	12♓37	16°56	11° 0	2°24	12°D18	0°22	27°34	21°18	3°24	22°14	20°49	19°18	29°11	W 3
T 4	23 14 42	16°44'02	25°13	18°44	12°14	2°47	12°18	0°28	27°33	21°17	3°25	22°12	20°46	19°24	29°16	T 4
F 5	23 18 38	17°42'52	7♈38	20°30	13°28	3°10	12°19	0°34	27°31	21°17	3°26	22° 8	20°43	19°31	29°22	F 5
S 6	23 22 35	18°41'44	19°51	22°16	14°41	3°32	12°19	0°40	27°29	21°16	3°27	22° 4	20°40	19°38	29°28	S 6
S 7	23 26 31	19°40'38	1♉55	24° 0	15°55	3°55	12°20	0°46	27°28	21°15	3°28	21°59	20°36	19°45	29°33	S 7
M 8	23 30 28	20°39'34	13°52	25°44	17° 9	4°16	12°21	0°52	27°26	21°15	3°29	21°54	20°33	19°51	29°39	M 8
T 9	23 34 24	21°38'33	25°45	27°27	18°22	4°37	12°22	0°58	27°24	21°14	3°30	21°51	20°30	19°58	29°44	T 9
W10	23 38 21	22°37'34	7♊37	29° 9	19°36	4°58	12°23	1° 4	27°22	21°13	3°31	21°48	20°27	20° 5	29°49	W10
T 11	23 42 17	23°36'38	19°33	0♎50	20°50	5°18	12°25	1°10	27°20	21°13	3°32	21°D47	20°24	20°12	29°55	T 11
F 12	23 46 14	24°35'44	1♋38	2°30	22° 3	5°37	12°27	1°16	27°18	21°12	3°33	21°47	20°21	20°18	29°59	F 12
S 13	23 50 11	25°34'52	13°56	4°10	23°17	5°56	12°29	1°22	27°16	21°12	3°34	21°48	20°17	20°25	0♌ 5	S 13
S 14	23 54 7	26°34'02	26°33	5°48	24°30	6°14	12°31	1°29	27°14	21°11	3°35	21°50	20°14	20°32	0°10	S 14
M15	23 58 4	27°33'15	9♌31	7°26	25°44	6°32	12°33	1°35	27°12	21°11	3°36	21°51	20°11	20°38	0°15	M15
T 16	0 2 0	28°32'30	22°55	9° 3	26°57	6°49	12°36	1°41	27°10	21°11	3°37	21°R52	20° 8	20°45	0°20	T 16
W17	0 5 57	29°31'48	6♍44	10°39	28°11	7° 6	12°38	1°48	27° 8	21°10	3°39	21°51	20° 5	20°52	0°25	W17
T 18	0 9 53	0♎31'07	20°57	12°15	29°25	7°22	12°41	1°54	27° 6	21°10	3°40	21°48	20° 1	20°59	0°30	T 18
F 19	0 13 50	1°30'29	5♎31	13°49	0♏38	7°37	12°44	2° 0	27° 4	21°10	3°41	21°44	19°58	21° 5	0°34	F 19
S 20	0 17 46	2°29'53	20°19	15°23	1°52	7°52	12°47	2° 7	27° 1	21° 9	3°42	21°38	19°55	21°12	0°39	S 20
S 21	0 21 43	3°29'19	5♏13	16°57	3° 5	8° 6	12°51	2°13	26°59	21° 9	3°44	21°31	19°52	21°19	0°44	S 21
M22	0 25 40	4°28'46	20° 3	18°29	4°19	8°20	12°54	2°20	26°57	21° 9	3°45	21°25	19°49	21°26	0°48	M22
T 23	0 29 36	5°28'16	4♐43	20° 1	5°32	8°33	12°58	2°27	26°55	21° 9	3°46	21°20	19°46	21°32	0°53	T 23
W24	0 33 33	6°27'47	19° 8	21°32	6°46	8°45	13° 2	2°33	26°53	21° 9	3°48	21°17	19°42	21°39	0°57	W24
T 25	0 37 29	7°27'21	3♑13	23° 2	7°59	8°56	13° 6	2°40	26°50	21° 8	3°49	21°D16	19°39	21°46	1° 1	T 25
F 26	0 41 26	8°26'56	16°58	24°32	9°12	9° 7	13°11	2°47	26°48	21° 8	3°51	21°16	19°36	21°52	1° 6	F 26
S 27	0 45 22	9°26'33	0♒24	26° 1	10°26	9°17	13°15	2°53	26°46	21°D 8	3°52	21°17	19°33	21°59	1°10	S 27
S 28	0 49 19	10°26'11	13°34	27°29	11°39	9°26	13°20	3° 0	26°43	21° 8	3°54	21°18	19°30	22° 6	1°14	S 28
M29	0 53 15	11°25'51	26°28	28°57	12°52	9°35	13°25	3° 7	26°41	21° 8	3°55	21°R18	19°27	22°13	1°18	M29
T 30	0 57 12	12♎25'34	9♓10	0♏24	14♏ 6	9♊42	13♑30	3♏14	26♈39	21♑ 8	3♐57	21♌16	19♌23	22♉19	1♌22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n24	15s25	0n30	8n 3	1n35	2s48	0n40	19n23	1s14	23s33	0s34	9s30	2n14	10n10	0s33	21s36	0n16	11s54	9n12	14n10	14n36	12n38	14n47	5s48
T 2	6 2	12 15	0s41	7 17	1 31	3 19	0 37	19 29	1 13	23 34	0 34	9 33	2 14	10 10	0 33	21 36	0 16	11 55	9 12	14 10	14 37	12 40	14 46	5 49
W 3	5 39	8 33	1 50	6 31	1 26	3 51	0 35	19 35	1 12	23 34	0 34	9 35	2 13	10 9	0 33	21 36	0 16	11 55	9 11	14 10	14 38	12 41	14 44	5 49
T 4	5 16	4 31	2 51	5 44	1 22	4 22	0 32	19 40	1 11	23 34	0 34	9 37	2 13	10 9	0 33	21 36	0 16	11 56	9 11	14 11	14 39	12 43	14 43	5 49
F 5	4 53	0 23	3 44	4 58	1 17	4 53	0 30	19 46	1 9	23 34	0 34	9 39	2 13	10 8	0 33	21 37	0 16	11 56	9 11	14 12	14 40	12 45	14 41	5 50
S 6	4 30	3n43	4 25	4 11	1 12	5 24	0 27	19 52	1 8	23 33	0 34	9 41	2 13	10 7	0 33	21 37	0 16	11 57	9 10	14 14	14 41	12 47	14 39	5 50
S 7	4 6	7 36	4 54	3 24	1 6	5 55	0 25	19 57	1 7	23 33	0 34	9 44	2 13	10 7	0 33	21 37	0 16	11 57	9 10	14 15	14 42	12 48	14 38	5 51
M 8	3 43	11 10	5 9	2 38	1 0	6 26	0 22	20 2	1 5	23 33	0 34	9 46	2 13	10 6	0 33	21 37	0 16	11 58	9 9	14 17	14 43	12 50	14 36	5 51
T 9	3 20	14 15	5 12	1 51	0 55	6 56	0 19	20 8	1 4	23 33	0 34	9 48	2 13	10 5	0 33	21 37	0 16	11 58	9 9	14 18	14 44	12 52	14 35	5 52
W10	2 56	16 45	5 1	1 5	0 48	7 27	0 17	20 13	1 3	23 33	0 34	9 50	2 12	10 5	0 33	21 37	0 16	11 59	9 9	14 19	14 45	12 54	14 33	5 52
T 11	2 33	18 33	4 37	0 19	0 42	7 57	0 14	20 18	1 1	23 33	0 34	9 52	2 12	10 4	0 33	21 37	0 16	12 0	9 8	14 19	14 46	12 56	14 32	5 53
F 12	2 9	19 33	4 0	0s27	0 36	8 28	0 11	20 23	1 0	23 33	0 34	9 55	2 12	10 3	0 33	21 37	0 16	12 0	9 8	14 19	14 47	12 57	14 30	5 53
S 13	1 46	19 39	3 12	1 13	0 29	8 58	0 8	20 27	0 58	23 33	0 34	9 57	2 12	10 2	0 33	21 37	0 16	12 1	9 8	14 19	14 48	12 59	14 29	5 54
S 14	1 22	18 46	2 14	1 58	0 23	9 27	0 6	20 32	0 57	23 33	0 34	9 59	2 12	10 2	0 33	21 38	0 16	12 1	9 7	14 18	14 49	13 1	14 27	5 54
M15	0 59	16 53	1 7	2 43	0 16	9 57	0 3	20 37	0 55	23 32	0 34	10 2	2 12	10 1	0 33	21 38	0 16	12 2	9 7	14 18	14 50	13 3	14 26	5 55
T 16	0 35	14 2	0n 6	3 28	0 9	10 27	0 0	20 41	0 53	23 32	0 34	10 4	2 12	10 0	0 33	21 38	0 16	12 2	9 6	14 18	14 51	13 4	14 24	5 55
W17	0 11	10 19	1 20	4 12	0 2	10 56	0s 3	20 45	0 52	23 32	0 34	10 6	2 11	10 0	0 33	21 38	0 16	12 3	9 6	14 18	14 52	13 6	14 22	5 56
T 18	0s12	5 55	2 31	4 56	0s 5	11 25	0 6	20 50	0 50	23 32	0 34	10 9	2 11	9 59	0 33	21 38	0 16	12 4	9 6	14 19	14 53	13 8	14 21	5 56
F 19	0 36	1 5	3 35	5 40	0 12	11 53	0 9	20 54	0 49	23 31	0 34	10 11	2 11	9 58	0 33	21 38	0 16	12 4	9 5	14 20	14 54	13 10	14 19	5 57
S 20	1 0	3s54	4 24	6 23	0 19	12 22	0 12	20 58	0 47	23 31	0 34	10 13	2 11	9 57	0 33	21 38	0 16	12 5	9 5	14 22	14 55	13 11	14 18	5 57
S 21	1 24	8 40	4 56	7 5	0 26	12 50	0 15	21 2	0 45	23 31	0 34	10 16	2 11	9 56	0 33	21 38	0 16	12 5	9 5	14 24	14 56	13 13	14 16	5 58
M22	1 47	12 53	5 9	7 47	0 33	13 18	0 17	21 6	0 43	23 30	0 34	10 18	2 11	9 56	0 33	21 38	0 16	12 6	9 4	14 26	14 57	13 15	14 15	5 58
T 23	2 11	16 16	5 0	8 29	0 40	13 45	0 20	21 10	0 42	23 30	0 34	10 20	2 11	9 55	0 33	21 38	0 16	12 6	9 4	14 28	14 58	13 16	14 14	5 59
W24	2 35	18 35	4 33	9 10	0 47	14 13	0 23	21 13	0 40	23 30	0 34	10 23	2 11	9 54	0 33	21 38	0 16	12 7	9 4	14 29	14 59	13 18	14 12	5 59
T 25	2 58	19 42	3 50	9 50	0 54	14 40	0 26	21 17	0 38	23 29	0 34	10 25	2 10	9 53	0 33	21 38	0 16	12 8	9 3	14 29	15 0	13 20	14 11	6 0
F 26	3 22	19 36	2 54	10 30	1 0	15 6	0 29	21 21	0 36	23 29	0 34	10 28	2 10	9 52	0 33	21 38	0 16	12 8	9 3	14 29	15 1	13 22	14 9	6 1
S 27	3 46	18 22	1 50	11 9	1 7	15 32	0 32	21 24	0 34	23 28	0 34	10 30	2 10	9 51	0 33	21 38	0 16	12 9	9 3	14 29	15 2	13 23	14 8	6 1
S 28	4 9	16 11	0 42	11 47	1 14	15 58	0 35	21 27	0 32	23 28	0 34	10 32	2 10	9 51	0 33	21 38	0 16	12 9	9 2	14 29	15 3	13 25	14 6	6 2
M29	4 33	13 12	0s28	12 25	1 21	16 23	0 38	21 31	0 30	23 27	0 34	10 35	2 10	9 50	0 33	21 38	0 16	12 10	9 2	14 28	15 4	13 27	14 5	6 2
T 30	4s56	9s38	1s35	13s 2	1s27	16s49	0s41	21n34	0s28	23s27	0s34	10s37	2n10	9n49	0s33	21s38	0n15	12s11	9n 2	14n29	15n 5	13n29	14n 3	6s 3

Julian Day Number = 2090934.5, Delta T = 23m22s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'43, Lahiri = 10°05'44 Julian Calendar 1 Sept. 1012 == Greg. Calendar 7 Sept. 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

OCTOBER 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 1 9	13♎25'17	21♓40	1♏50	15♏19	9♊49	13♑35	3♏21	26°R36	21♑ 9	3♐59	21°R12	19♌20	22♉26	1♌25	W 1
T 2	1 5 5	14°25'03	4♈ 1	3°16	16°32	9°56	13°41	3°28	26♈34	21° 9	4° 0	21♌ 6	19°17	22°33	1°29	T 2
F 3	1 9 2	15°24'51	16°14	4°40	17°46	10° 1	13°46	3°34	26°31	21° 9	4° 2	20°57	19°14	22°39	1°33	F 3
S 4	1 12 58	16°24'41	28°20	6° 4	18°59	10° 6	13°52	3°41	26°29	21° 9	4° 4	20°47	19°11	22°46	1°36	S 4
S 5	1 16 55	17°24'33	10♉19	7°27	20°12	10°10	13°58	3°48	26°27	21° 9	4° 5	20°35	19° 7	22°53	1°40	S 5
M 6	1 20 51	18°24'27	22°13	8°49	21°25	10°13	14° 4	3°55	26°24	21°10	4° 7	20°24	19° 4	23° 0	1°43	M 6
T 7	1 24 48	19°24'23	4♊ 4	10°10	22°38	10°15	14°10	4° 2	26°22	21°10	4° 9	20°15	19° 1	23° 6	1°47	T 7
W 8	1 28 44	20°24'22	15°55	11°30	23°52	10°16	14°17	4° 9	26°19	21°10	4°10	20° 7	18°58	23°13	1°50	W 8
T 9	1 32 41	21°24'22	27°50	12°49	25° 5	10°R17	14°23	4°16	26°17	21°11	4°12	20° 1	18°55	23°20	1°53	T 9
F 10	1 36 37	22°24'25	9♋52	14° 7	26°18	10°17	14°30	4°23	26°14	21°11	4°14	19°58	18°52	23°27	1°56	F 10
S 11	1 40 34	23°24'30	22° 6	15°23	27°31	10°15	14°37	4°30	26°12	21°11	4°16	19°D58	18°48	23°33	1°59	S 11
S 12	1 44 31	24°24'37	4♌37	16°38	28°44	10°13	14°44	4°37	26° 9	21°12	4°18	19°58	18°45	23°40	2° 2	S 12
M13	1 48 27	25°24'46	17°30	17°51	29°57	10°10	14°51	4°44	26° 7	21°12	4°20	19°R58	18°42	23°47	2° 5	M13
T 14	1 52 24	26°24'58	0♍49	19° 3	1♐10	10° 7	14°58	4°52	26° 4	21°13	4°21	19°58	18°39	23°53	2° 7	T 14
W15	1 56 20	27°25'11	14°38	20°12	2°23	10° 2	15° 6	4°59	26° 2	21°14	4°23	19°55	18°36	24° 0	2°10	W15
T 16	2 0 17	28°25'27	28°56	21°20	3°36	9°56	15°13	5° 6	25°59	21°14	4°25	19°50	18°32	24° 7	2°12	T 16
F 17	2 4 13	29°25'44	13♎40	22°25	4°49	9°50	15°21	5°13	25°57	21°15	4°27	19°43	18°29	24°14	2°15	F 17
S 18	2 8 10	0♏26'03	28°44	23°27	6° 2	9°42	15°29	5°20	25°54	21°16	4°29	19°33	18°26	24°20	2°17	S 18
S 19	2 12 6	1°26'25	13♏59	24°26	7°15	9°34	15°37	5°27	25°52	21°16	4°31	19°22	18°23	24°27	2°19	S 19
M20	2 16 3	2°26'48	29°12	25°22	8°28	9°25	15°45	5°34	25°49	21°17	4°33	19°12	18°20	24°34	2°21	M20
T 21	2 20 0	3°27'12	14♐14	26°14	9°40	9°15	15°54	5°41	25°47	21°18	4°35	19° 2	18°17	24°40	2°23	T 21
W22	2 23 56	4°27'38	28°56	27° 1	10°53	9° 4	16° 2	5°49	25°45	21°19	4°37	18°56	18°13	24°47	2°25	W22
T 23	2 27 53	5°28'06	13♑13	27°44	12° 6	8°52	16°11	5°56	25°42	21°19	4°39	18°52	18°10	24°54	2°27	T 23
F 24	2 31 49	6°28'35	27° 3	28°21	13°19	8°39	16°20	6° 3	25°40	21°20	4°41	18°50	18° 7	25° 1	2°29	F 24
S 25	2 35 46	7°29'05	10♒28	28°52	14°31	8°26	16°29	6°10	25°37	21°21	4°43	18°D50	18° 4	25° 7	2°30	S 25
S 26	2 39 42	8°29'36	23°31	29°17	15°44	8°12	16°38	6°17	25°35	21°22	4°45	18°R50	18° 1	25°14	2°32	S 26
M27	2 43 39	9°30'09	6♓14	29°33	16°57	7°57	16°47	6°24	25°32	21°23	4°48	18°49	17°58	25°21	2°33	M27
T 28	2 47 35	10°30'43	18°43	29°R42	18° 9	7°41	16°56	6°31	25°30	21°24	4°50	18°46	17°54	25°28	2°34	T 28
W29	2 51 32	11°31'18	1♈ 0	29°41	19°22	7°25	17° 5	6°39	25°28	21°25	4°52	18°40	17°51	25°34	2°36	W29
T 30	2 55 29	12°31'55	13° 8	29°31	20°34	7° 8	17°15	6°46	25°25	21°26	4°54	18°31	17°48	25°41	2°37	T 30
F 31	2 59 25	13♏32'33	25♈11	29♏11	21♐47	6♊50	17♑25	6♏53	25♈23	21♑27	4♐56	18♌19	17♌45	25♉48	2♌38	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s19	5s42	2s36	13s38	1s33	17s13	0s44	21n37	0s26	23s26	0s34	10s40	2n10	9n48	0s33	21s38	0n15	12s11	9n 1	14n30	15n 6	13n30	14n 2	6s 3
T 2	5 43	1 35	3 28	14 14	1 40	17 37	0 47	21 40	0 24	23 26	0 34	10 42	2 10	9 47	0 33	21 38	0 15	12 12	9 1	14 32	15 7	13 32	14 1	6 4
F 3	6 6	2n34	4 11	14 48	1 46	18 1	0 50	21 43	0 22	23 25	0 34	10 44	2 10	9 46	0 33	21 38	0 15	12 12	9 1	14 35	15 8	13 34	13 59	6 5
S 4	6 29	6 33	4 41	15 22	1 52	18 24	0 53	21 46	0 19	23 25	0 34	10 47	2 10	9 45	0 33	21 38	0 15	12 13	9 0	14 39	15 9	13 35	13 58	6 5
S 5	6 52	10 15	4 59	15 55	1 58	18 47	0 56	21 48	0 17	23 24	0 34	10 49	2 9	9 44	0 33	21 38	0 15	12 14	9 0	14 42	15 10	13 37	13 57	6 6
M 6	7 15	13 31	5 4	16 27	2 3	19 9	0 59	21 51	0 15	23 23	0 34	10 52	2 9	9 44	0 33	21 38	0 15	12 14	9 0	14 46	15 11	13 39	13 55	6 7
T 7	7 38	16 14	4 55	16 58	2 9	19 31	1 2	21 54	0 13	23 23	0 34	10 54	2 9	9 43	0 33	21 38	0 15	12 15	8 59	14 49	15 12	13 41	13 54	6 7
W 8	8 1	18 16	4 34	17 29	2 14	19 53	1 5	21 56	0 10	23 22	0 34	10 57	2 9	9 42	0 33	21 38	0 15	12 15	8 59	14 51	15 13	13 42	13 53	6 8
T 9	8 23	19 32	4 1	17 58	2 19	20 13	1 7	21 59	0 8	23 21	0 34	10 59	2 9	9 41	0 33	21 38	0 15	12 16	8 59	14 53	15 14	13 44	13 51	6 8
F 10	8 46	19 56	3 17	18 26	2 23	20 34	1 10	22 1	0 5	23 21	0 34	11 1	2 9	9 40	0 33	21 38	0 15	12 17	8 59	14 54	15 15	13 46	13 50	6 9
S 11	9 8	19 24	2 23	18 53	2 27	20 54	1 13	22 3	0 3	23 20	0 34	11 4	2 9	9 39	0 33	21 38	0 15	12 17	8 58	14 54	15 16	13 47	13 49	6 10
S 12	9 31	17 54	1 21	19 19	2 31	21 13	1 16	22 6	0 0	23 19	0 34	11 6	2 9	9 38	0 33	21 38	0 15	12 18	8 58	14 54	15 17	13 49	13 48	6 10
M13	9 53	15 28	0 13	19 43	2 35	21 31	1 18	22 8	0n 2	23 18	0 34	11 9	2 9	9 37	0 33	21 38	0 15	12 18	8 58	14 54	15 18	13 51	13 46	6 11
T 14	10 15	12 8	0n57	20 6	2 38	21 49	1 21	22 10	0 5	23 17	0 35	11 11	2 9	9 36	0 33	21 38	0 15	12 19	8 57	14 54	15 19	13 53	13 45	6 12
W15	10 37	8 2	2 7	20 28	2 41	22 7	1 24	22 12	0 7	23 17	0 35	11 14	2 9	9 36	0 33	21 38	0 15	12 20	8 57	14 55	15 20	13 54	13 44	6 12
T 16	10 58	3 21	3 11	20 48	2 43	22 24	1 26	22 13	0 10	23 16	0 35	11 16	2 9	9 35	0 33	21 38	0 15	12 20	8 57	14 56	15 21	13 56	13 43	6 13
F 17	11 20	1s40	4 4	21 7	2 45	22 40	1 29	22 15	0 13	23 15	0 35	11 18	2 9	9 34	0 33	21 38	0 15	12 21	8 57	14 59	15 22	13 58	13 42	6 14
S 18	11 41	6 41	4 42	21 24	2 46	22 56	1 31	22 17	0 15	23 14	0 35	11 21	2 9	9 33	0 33	21 38	0 15	12 21	8 56	15 2	15 23	13 59	13 41	6 14
S 19	12 2	11 20	5 0	21 40	2 46	23 11	1 34	22 18	0 18	23 13	0 35	11 23	2 9	9 32	0 33	21 38	0 15	12 22	8 56	15 5	15 24	14 1	13 39	6 15
M20	12 23	15 15	4 57	21 54	2 46	23 25	1 36	22 19	0 21	23 12	0 35	11 26	2 9	9 31	0 33	21 37	0 15	12 23	8 56	15 9	15 25	14 3	13 38	6 16
T 21	12 44	18 6	4 33	22 5	2 45	23 39	1 39	22 21	0 24	23 11	0 35	11 28	2 9	9 30	0 33	21 37	0 15	12 23	8 56	15 12	15 26	14 4	13 37	6 16
W22	13 4	19 42	3 52	22 15	2 43	23 52	1 41	22 22	0 26	23 10	0 35	11 30	2 9	9 29	0 33	21 37	0 15	12 24	8 55	15 14	15 27	14 6	13 36	6 17
T 23	13 25	19 59	2 57	22 22	2 41	24 4	1 43	22 23	0 29	23 9	0 35	11 33	2 9	9 28	0 33	21 37	0 15	12 24	8 55	15 15	15 28	14 8	13 35	6 18
F 24	13 45	19 1	1 53	22 27	2 37	24 16	1 46	22 23	0 32	23 8	0 35	11 35	2 9	9 28	0 33	21 37	0 15	12 25	8 55	15 15	15 29	14 10	13 34	6 18
S 25	14 5	17 0	0 44	22 29	2 32	24 27	1 48	22 24	0 35	23 7	0 35	11 38	2 9	9 27	0 33	21 37	0 15	12 26	8 55	15 16	15 30	14 11	13 33	6 19
S 26	14 25	14 9	0s25	22 29	2 26	24 37	1 50	22 25	0 38	23 6	0 35	11 40	2 8	9 26	0 33	21 37	0 15	12 26	8 54	15 16	15 31	14 13	13 32	6 20
M27	14 44	10 40	1 31	22 25	2 19	24 47	1 52	22 25	0 41	23 5	0 35	11 42	2 8	9 25	0 33	21 37	0 15	12 27	8 54	15 16	15 32	14 15	13 31	6 20
T 28	15 3	6 48	2 31	22 19	2 10	24 56	1 54	22 25	0 44	23 4	0 35	11 45	2 8	9 24	0 33	21 36	0 15	12 27	8 54	15 17	15 33	14 16	13 30	6 21
W29	15 22	2 42	3 23	22 9	2 0	25 4	1 56	22 26	0 47	23 2	0 35	11 47	2 8	9 23	0 33	21 36	0 15	12 28	8 54	15 19	15 34	14 18	13 29	6 22
T 30	15 41	1n27	4 5	21 55	1 48	25 11	1 58	22 26	0 49	23 1	0 35	11 49	2 8	9 22	0 33	21 36	0 15	12 28	8 54	15 22	15 35	14 20	13 28	6 22
F 31	15s59	5n31	4s36	21s37	1s35	25s18	2s 0	22n25	0n52	23s 0	0s35	11s52	2n 8	9n22	0s33	21s36	0n15	12s29	8n53	15n25	15n36	14n21	13n27	6s23

Julian Day Number = 2090964.5, Delta T = 23m22s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'48, Lahiri = 10°05'48 Julian Calendar 1 Oct. 1012 == Greg. Calendar 7 Oct. 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

NOVEMBER 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 3 22	14♏33'13	7♉ 8	28°R40	22♐59	6°R31	17♑34	7♏ 0	25°R21	21♑28	4♐58	18°R 5	17♌42	25♉54	2♌39	S 1
S 2	3 7 18	15°33'54	19° 3	27♏58	24°11	6♊12	17°44	7° 7	25♈18	21°30	5° 0	17♌50	17°38	26° 1	2°39	S 2
M 3	3 11 15	16°34'36	0♊56	27° 6	25°24	5°52	17°54	7°14	25°16	21°31	5° 3	17°35	17°35	26° 8	2°40	M 3
T 4	3 15 11	17°35'20	12°48	26° 4	26°36	5°32	18° 5	7°21	25°14	21°32	5° 5	17°21	17°32	26°15	2°41	T 4
W 5	3 19 8	18°36'05	24°41	24°54	27°48	5°11	18°15	7°28	25°12	21°33	5° 7	17°10	17°29	26°21	2°41	W 5
T 6	3 23 4	19°36'52	6♋37	23°38	29° 0	4°50	18°25	7°35	25° 9	21°34	5° 9	17° 2	17°26	26°28	2°41	T 6
F 7	3 27 1	20°37'41	18°39	22°17	0♑12	4°29	18°36	7°42	25° 7	21°36	5°11	16°57	17°23	26°35	2°42	F 7
S 8	3 30 58	21°38'30	0♌52	20°55	1°24	4° 6	18°46	7°49	25° 5	21°37	5°14	16°54	17°19	26°42	2°42	S 8
S 9	3 34 54	22°39'22	13°20	19°33	2°36	3°44	18°57	7°56	25° 3	21°38	5°16	16°53	17°16	26°48	2°R42	S 9
M10	3 38 51	23°40'14	26° 7	18°16	3°48	3°21	19° 8	8° 3	25° 1	21°40	5°18	16°53	17°13	26°55	2°42	M10
T 11	3 42 47	24°41'09	9♍18	17° 5	5° 0	2°59	19°19	8°10	24°59	21°41	5°20	16°53	17°10	27° 2	2°42	T 11
W12	3 46 44	25°42'04	22°57	16° 2	6°12	2°35	19°30	8°17	24°57	21°43	5°23	16°50	17° 7	27° 8	2°41	W12
T 13	3 50 40	26°43'01	7♎ 6	15° 9	7°23	2°12	19°41	8°24	24°55	21°44	5°25	16°46	17° 4	27°15	2°41	T 13
F 14	3 54 37	27°44'00	21°43	14°27	8°35	1°49	19°52	8°31	24°53	21°46	5°27	16°38	17° 0	27°22	2°41	F 14
S 15	3 58 33	28°44'59	6♏45	13°57	9°47	1°25	20° 3	8°38	24°51	21°47	5°29	16°28	16°57	27°29	2°40	S 15
S 16	4 2 30	29°46'00	22° 2	13°38	10°58	1° 2	20°15	8°45	24°49	21°49	5°32	16°17	16°54	27°35	2°39	S 16
M17	4 6 27	0♐47'02	7♐24	13°D30	12°10	0°39	20°26	8°52	24°47	21°50	5°34	16° 6	16°51	27°42	2°39	M17
T 18	4 10 23	1°48'05	22°39	13°32	13°21	0°15	20°38	8°58	24°45	21°52	5°36	15°56	16°48	27°49	2°38	T 18
W19	4 14 20	2°49'08	7♑36	13°45	14°32	29♉52	20°49	9° 5	24°43	21°54	5°39	15°48	16°44	27°55	2°37	W19
T 20	4 18 16	3°50'12	22° 7	14° 6	15°44	29°30	21° 1	9°12	24°42	21°55	5°41	15°44	16°41	28° 2	2°36	T 20
F 21	4 22 13	4°51'17	6♒10	14°36	16°55	29° 7	21°13	9°19	24°40	21°57	5°43	15°42	16°38	28° 9	2°34	F 21
S 22	4 26 9	5°52'23	19°43	15°12	18° 6	28°45	21°25	9°25	24°38	21°59	5°45	15°D41	16°35	28°16	2°33	S 22
S 23	4 30 6	6°53'28	2♓50	15°56	19°17	28°23	21°37	9°32	24°37	22° 0	5°48	15°R42	16°32	28°22	2°32	S 23
M24	4 34 2	7°54'34	15°34	16°45	20°28	28° 2	21°49	9°39	24°35	22° 2	5°50	15°41	16°29	28°29	2°30	M24
T 25	4 37 59	8°55'41	27°59	17°39	21°38	27°41	22° 1	9°45	24°33	22° 4	5°52	15°40	16°25	28°36	2°29	T 25
W26	4 41 56	9°56'48	10♈10	18°37	22°49	27°20	22°14	9°52	24°32	22° 6	5°55	15°35	16°22	28°42	2°27	W26
T 27	4 45 52	10°57'55	22°12	19°40	24° 0	27° 0	22°26	9°58	24°30	22° 7	5°57	15°28	16°19	28°49	2°25	T 27
F 28	4 49 49	11°59'03	4♉ 8	20°46	25°10	26°41	22°38	10° 5	24°29	22° 9	5°59	15°19	16°16	28°56	2°23	F 28
S 29	4 53 45	13° 0'11	16° 1	21°54	26°20	26°22	22°51	10°11	24°27	22°11	6° 1	15° 7	16°13	29° 3	2°21	S 29
S 30	4 57 42	14♐ 1'19	27♉53	23♏ 6	27♑30	26♉ 4	23♑ 3	10♏17	24♈26	22♑13	6♐ 4	14♌55	16♌ 9	29♉ 9	2♌19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s17	9n20	4s54	21s16	1s20	25s24	2s 1	22n25	0n55	22s59	0s35	11s54	2n 8	9n21	0s33	21s36	0n15	12s30	8n53	15n30	15n37	14n23	13n27	6s24
S 2	16 35	12 47	4 59	20 51	1 4	25 29	2 3	22 25	0 58	22 57	0 35	11 56	2 8	9 20	0 33	21 36	0 15	12 30	8 53	15 34	15 38	14 25	13 26	6 24
M 3	16 53	15 42	4 51	20 21	0 46	25 34	2 5	22 24	1 1	22 56	0 35	11 59	2 8	9 19	0 33	21 36	0 15	12 31	8 53	15 39	15 39	14 26	13 25	6 25
T 4	17 10	17 59	4 31	19 48	0 26	25 37	2 6	22 23	1 4	22 55	0 35	12 1	2 8	9 18	0 33	21 35	0 15	12 31	8 53	15 43	15 40	14 28	13 24	6 26
W 5	17 27	19 29	3 58	19 12	0 6	25 40	2 7	22 23	1 7	22 53	0 35	12 3	2 8	9 17	0 33	21 35	0 15	12 32	8 52	15 46	15 41	14 30	13 23	6 26
T 6	17 44	20 9	3 15	18 33	0n14	25 42	2 9	22 21	1 10	22 52	0 35	12 5	2 8	9 17	0 33	21 35	0 15	12 32	8 52	15 49	15 42	14 31	13 23	6 27
F 7	18 0	19 54	2 23	17 53	0 35	25 44	2 10	22 20	1 13	22 50	0 35	12 8	2 9	9 16	0 33	21 35	0 15	12 33	8 52	15 50	15 42	14 33	13 22	6 28
S 8	18 16	18 43	1 24	17 12	0 55	25 45	2 11	22 19	1 16	22 49	0 35	12 10	2 9	9 15	0 33	21 35	0 15	12 33	8 52	15 51	15 43	14 35	13 21	6 28
S 9	18 32	16 36	0 19	16 32	1 14	25 45	2 12	22 17	1 18	22 48	0 35	12 12	2 9	9 14	0 33	21 34	0 15	12 34	8 52	15 51	15 44	14 36	13 21	6 29
M10	18 47	13 38	0n49	15 53	1 32	25 44	2 13	22 16	1 21	22 46	0 35	12 14	2 9	9 14	0 33	21 34	0 15	12 34	8 52	15 51	15 45	14 38	13 20	6 30
T 11	19 2	9 54	1 56	15 18	1 48	25 42	2 14	22 14	1 24	22 44	0 35	12 17	2 9	9 13	0 33	21 34	0 15	12 35	8 52	15 52	15 46	14 40	13 19	6 30
W12	19 17	5 32	2 58	14 47	2 2	25 40	2 15	22 12	1 27	22 43	0 35	12 19	2 9	9 12	0 33	21 34	0 15	12 35	8 51	15 52	15 47	14 41	13 19	6 31
T 13	19 31	0 43	3 52	14 20	2 14	25 37	2 16	22 10	1 29	22 41	0 35	12 21	2 9	9 11	0 33	21 34	0 15	12 36	8 51	15 54	15 48	14 43	13 18	6 32
F 14	19 45	4s17	4 33	13 58	2 24	25 33	2 16	22 8	1 32	22 40	0 35	12 23	2 9	9 11	0 33	21 33	0 15	12 37	8 51	15 56	15 49	14 45	13 18	6 32
S 15	19 59	9 10	4 57	13 42	2 31	25 29	2 17	22 6	1 34	22 38	0 35	12 25	2 9	9 10	0 33	21 33	0 15	12 37	8 51	15 59	15 50	14 46	13 17	6 33
S 16	20 12	13 33	4 59	13 31	2 37	25 23	2 17	22 3	1 37	22 36	0 35	12 27	2 9	9 9	0 33	21 33	0 15	12 38	8 51	16 2	15 51	14 48	13 17	6 34
M17	20 25	17 3	4 41	13 25	2 41	25 18	2 18	22 1	1 39	22 35	0 35	12 30	2 9	9 9	0 32	21 33	0 15	12 38	8 51	16 6	15 52	14 50	13 16	6 34
T 18	20 38	19 20	4 2	13 24	2 43	25 11	2 18	21 58	1 42	22 33	0 35	12 32	2 9	9 8	0 32	21 32	0 15	12 39	8 51	16 9	15 53	14 51	13 16	6 35
W19	20 50	20 14	3 7	13 27	2 43	25 3	2 18	21 55	1 44	22 31	0 35	12 34	2 9	9 7	0 32	21 32	0 15	12 39	8 51	16 11	15 54	14 53	13 15	6 36
T 20	21 2	19 44	2 2	13 34	2 42	24 55	2 18	21 53	1 46	22 29	0 35	12 36	2 9	9 7	0 32	21 32	0 14	12 39	8 50	16 12	15 55	14 54	13 15	6 36
F 21	21 13	18 1	0 50	13 45	2 40	24 46	2 18	21 50	1 48	22 28	0 35	12 38	2 9	9 6	0 32	21 32	0 14	12 40	8 50	16 13	15 56	14 56	13 15	6 37
S 22	21 24	15 19	0s21	13 59	2 37	24 37	2 18	21 47	1 51	22 26	0 35	12 40	2 9	9 6	0 32	21 31	0 14	12 40	8 50	16 13	15 57	14 58	13 14	6 38
S 23	21 34	11 55	1 30	14 15	2 33	24 27	2 18	21 44	1 53	22 24	0 35	12 42	2 9	9 5	0 32	21 31	0 14	12 41	8 50	16 13	15 58	14 59	13 14	6 38
M24	21 45	8 3	2 32	14 34	2 28	24 16	2 17	21 41	1 55	22 22	0 35	12 44	2 9	9 4	0 32	21 31	0 14	12 41	8 50	16 13	15 59	15 1	13 14	6 39
T 25	21 54	3 56	3 25	14 54	2 23	24 4	2 17	21 38	1 57	22 20	0 35	12 46	2 9	9 4	0 32	21 31	0 14	12 42	8 50	16 14	16 0	15 3	13 13	6 39
W26	22 4	0n15	4 8	15 16	2 17	23 52	2 16	21 35	1 58	22 18	0 35	12 48	2 9	9 3	0 32	21 30	0 14	12 42	8 50	16 15	16 1	15 4	13 13	6 40
T 27	22 12	4 23	4 39	15 39	2 11	23 39	2 16	21 33	2 0	22 16	0 35	12 50	2 9	9 3	0 32	21 30	0 14	12 43	8 50	16 17	16 2	15 6	13 13	6 41
F 28	22 21	8 18	4 57	16 3	2 4	23 25	2 15	21 30	2 2	22 14	0 35	12 52	2 10	9 2	0 32	21 30	0 14	12 43	8 50	16 20	16 3	15 7	13 13	6 41
S 29	22 29	11 53	5 3	16 27	1 57	23 11	2 14	21 27	2 4	22 12	0 35	12 54	2 10	9 2	0 32	21 30	0 14	12 44	8 50	16 23	16 4	15 9	13 13	6 42
S 30	22s36	15n 0	4s55	16s52	1n50	22s56	2s13	21n24	2n 5	22s10	0s35	12s56	2n10	9n 1	0s32	21s29	0n14	12s44	8n50	16n27	16n 5	15n11	13n12	6s42

Julian Day Number = 2090995.5, Delta T = 23m22s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'52, Lahiri = 10°05'52 Julian Calendar 1 Nov. 1012 == Greg. Calendar 7 Nov. 1012

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ASTRODIENST EPHEMERIS for the year 1012
geocentric

DECEMBER 1012 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 1 38	15♐ 2'28	9♊46	24♏20	28♑41	25°R47	23♑16	10♏24	24°R25	22♑15	6♐ 6	14°R42	16♌ 6	29♉16	2°R17	M 1
T 2	5 5 35	16° 3'37	21°42	25°36	29°51	25♉30	23°29	10°30	24♈23	22°17	6° 8	14♌31	16° 3	29°23	2♌15	T 2
W 3	5 9 31	17° 4'47	3♋40	26°53	1♒ 0	25°14	23°42	10°36	24°22	22°19	6°10	14°22	16° 0	29°30	2°13	W 3
T 4	5 13 28	18° 5'57	15°44	28°12	2°10	24°58	23°54	10°42	24°21	22°21	6°13	14°15	15°57	29°36	2°10	T 4
F 5	5 17 25	19° 7'08	27°55	29°33	3°20	24°44	24° 7	10°48	24°20	22°23	6°15	14°11	15°54	29°43	2° 8	F 5
S 6	5 21 21	20° 8'19	10♌15	0♐55	4°29	24°30	24°20	10°55	24°19	22°25	6°17	14°D10	15°50	29°50	2° 5	S 6
S 7	5 25 18	21° 9'30	22°48	2°17	5°38	24°16	24°33	11° 1	24°18	22°27	6°19	14°10	15°47	29°56	2° 2	S 7
M 8	5 29 14	22°10'42	5♍36	3°41	6°47	24° 4	24°46	11° 7	24°17	22°29	6°22	14°11	15°44	0♊ 3	2° 0	M 8
T 9	5 33 11	23°11'54	18°44	5° 6	7°56	23°52	25° 0	11°13	24°16	22°31	6°24	14°R12	15°41	0°10	1°57	T 9
W10	5 37 7	24°13'07	2♎14	6°31	9° 5	23°42	25°13	11°18	24°15	22°33	6°26	14°12	15°38	0°17	1°54	W10
T 11	5 41 4	25°14'20	16°10	7°58	10°14	23°32	25°26	11°24	24°14	22°35	6°28	14°10	15°35	0°23	1°51	T 11
F 12	5 45 0	26°15'33	0♏31	9°25	11°22	23°23	25°39	11°30	24°13	22°37	6°30	14° 6	15°31	0°30	1°48	F 12
S 13	5 48 57	27°16'47	15°14	10°52	12°31	23°14	25°53	11°36	24°12	22°39	6°33	14° 0	15°28	0°37	1°45	S 13
S 14	5 52 54	28°18'00	0♐15	12°20	13°39	23° 7	26° 6	11°41	24°12	22°41	6°35	13°52	15°25	0°43	1°41	S 14
M15	5 56 50	29°19'14	15°25	13°49	14°47	23° 0	26°20	11°47	24°11	22°43	6°37	13°45	15°22	0°50	1°38	M15
T 16	6 0 47	0♑20'28	0♑33	15°18	15°55	22°54	26°33	11°52	24°10	22°45	6°39	13°39	15°19	0°57	1°35	T 16
W17	6 4 43	1°21'42	15°30	16°48	17° 2	22°49	26°47	11°58	24°10	22°47	6°41	13°34	15°15	1° 4	1°31	W17
T 18	6 8 40	2°22'56	0♒ 7	18°18	18°10	22°45	27° 0	12° 3	24° 9	22°50	6°43	13°31	15°12	1°10	1°28	T 18
F 19	6 12 36	3°24'09	14°18	19°49	19°17	22°41	27°14	12° 9	24° 9	22°52	6°45	13°D30	15° 9	1°17	1°24	F 19
S 20	6 16 33	4°25'21	28° 1	21°20	20°24	22°39	27°28	12°14	24° 8	22°54	6°47	13°31	15° 6	1°24	1°21	S 20
S 21	6 20 30	5°26'33	11♓17	22°51	21°31	22°37	27°42	12°19	24° 8	22°56	6°50	13°33	15° 3	1°30	1°17	S 21
M22	6 24 26	6°27'44	24° 7	24°23	22°37	22°36	27°55	12°24	24° 8	22°58	6°52	13°34	15° 0	1°37	1°13	M22
T 23	6 28 23	7°28'55	6♈37	25°56	23°43	22°D36	28° 9	12°29	24° 8	23° 1	6°54	13°R35	14°56	1°44	1° 9	T 23
W24	6 32 19	8°30'05	18°50	27°29	24°49	22°36	28°23	12°34	24° 7	23° 3	6°56	13°34	14°53	1°51	1° 5	W24
T 25	6 36 16	9°31'14	0♉52	29° 2	25°55	22°38	28°37	12°39	24° 7	23° 5	6°58	13°32	14°50	1°57	1° 1	T 25
F 26	6 40 12	10°32'22	12°46	0♑36	27° 1	22°40	28°51	12°44	24° 7	23° 7	7° 0	13°28	14°47	2° 4	0°57	F 26
S 27	6 44 9	11°33'30	24°38	2°11	28° 6	22°43	29° 5	12°49	24°D 7	23°10	7° 2	13°23	14°44	2°11	0°53	S 27
S 28	6 48 5	12°34'37	6♊29	3°46	29°11	22°46	29°19	12°54	24° 7	23°12	7° 4	13°17	14°41	2°18	0°49	S 28
M29	6 52 2	13°35'43	18°24	5°21	0♓15	22°50	29°33	12°58	24° 7	23°14	7° 6	13°12	14°37	2°24	0°45	M29
T 30	6 55 59	14°36'48	0♋25	6°57	1°20	22°55	29°47	13° 3	24° 7	23°16	7° 7	13° 6	14°34	2°31	0°41	T 30
W31	6 59 55	15♑37'53	12♋32	8♑34	2♓24	23♉ 1	0♒ 1	13♏ 8	24♈ 7	23♑19	7♐ 9	13♌ 2	14♌31	2♊38	0♌37	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s43	17n30	4s35	17s18	1n42	22s41	2s12	21n21	2n 7	22s 8	0s35	12s58	2n10	9n 1	0s32	21s29	0n14	12s44	8n50	16n30	16n 6	15n12	13n12	6s43
T 2	22 50	19 16	4 2	17 44	1 35	22 25	2 10	21 19	2 8	22 6	0 35	13 0	2 10	9 0	0 32	21 29	0 14	12 45	8 50	16 34	16 7	15 14	13 12	6 44
W 3	22 56	20 12	3 19	18 9	1 27	22 8	2 9	21 16	2 10	22 3	0 35	13 1	2 10	9 0	0 32	21 28	0 14	12 45	8 49	16 36	16 7	15 16	13 12	6 44
T 4	23 2	20 13	2 26	18 35	1 19	21 51	2 7	21 14	2 11	22 1	0 35	13 3	2 10	9 0	0 32	21 28	0 14	12 46	8 49	16 38	16 8	15 17	13 12	6 45
F 5	23 7	19 17	1 26	19 0	1 11	21 33	2 6	21 11	2 12	21 59	0 35	13 5	2 10	8 59	0 32	21 28	0 14	12 46	8 49	16 40	16 9	15 19	13 12	6 45
S 6	23 12	17 26	0 21	19 25	1 4	21 15	2 4	21 9	2 13	21 57	0 36	13 7	2 10	8 59	0 32	21 27	0 14	12 46	8 49	16 40	16 10	15 20	13 12	6 46
S 7	23 16	14 43	0n46	19 49	0 56	20 56	2 2	21 7	2 14	21 54	0 36	13 9	2 10	8 58	0 32	21 27	0 14	12 47	8 49	16 40	16 11	15 22	13 12	6 46
M 8	23 20	11 15	1 53	20 13	0 48	20 37	2 0	21 4	2 16	21 52	0 36	13 10	2 11	8 58	0 32	21 27	0 14	12 47	8 49	16 40	16 12	15 24	13 12	6 47
T 9	23 23	7 10	2 55	20 36	0 40	20 17	1 58	21 3	2 16	21 50	0 36	13 12	2 11	8 58	0 32	21 26	0 14	12 48	8 49	16 39	16 13	15 25	13 13	6 47
W10	23 26	2 37	3 49	20 59	0 32	19 56	1 56	21 1	2 17	21 47	0 36	13 14	2 11	8 57	0 32	21 26	0 14	12 48	8 49	16 39	16 14	15 27	13 13	6 48
T 11	23 29	2s12	4 32	21 21	0 25	19 35	1 53	20 59	2 18	21 45	0 36	13 15	2 11	8 57	0 32	21 26	0 14	12 48	8 49	16 40	16 15	15 28	13 13	6 48
F 12	23 31	7 2	4 59	21 42	0 17	19 14	1 51	20 57	2 19	21 43	0 36	13 17	2 11	8 57	0 32	21 25	0 14	12 49	8 49	16 41	16 16	15 30	13 13	6 49
S 13	23 32	11 35	5 8	22 2	0 9	18 52	1 48	20 56	2 20	21 40	0 36	13 19	2 11	8 57	0 32	21 25	0 14	12 49	8 49	16 43	16 17	15 32	13 13	6 49
S 14	23 33	15 30	4 56	22 22	0 2	18 30	1 45	20 55	2 21	21 38	0 36	13 20	2 11	8 56	0 32	21 25	0 14	12 49	8 49	16 45	16 18	15 33	13 14	6 50
M15	23 34	18 25	4 23	22 40	0s 5	18 7	1 43	20 54	2 21	21 35	0 36	13 22	2 11	8 56	0 32	21 24	0 14	12 50	8 49	16 47	16 19	15 35	13 14	6 50
T 16	23 34	20 3	3 31	22 57	0 12	17 44	1 40	20 53	2 22	21 33	0 36	13 24	2 11	8 56	0 32	21 24	0 14	12 50	8 49	16 49	16 20	15 36	13 14	6 51
W17	23 33	20 15	2 26	23 14	0 19	17 20	1 36	20 52	2 22	21 30	0 36	13 25	2 12	8 56	0 32	21 24	0 14	12 50	8 49	16 50	16 21	15 38	13 14	6 51
T 18	23 33	19 4	1 12	23 29	0 26	16 57	1 33	20 51	2 23	21 27	0 36	13 27	2 12	8 56	0 32	21 23	0 14	12 51	8 49	16 51	16 22	15 39	13 15	6 51
F 19	23 31	16 42	0s 4	23 43	0 33	16 32	1 30	20 51	2 23	21 25	0 36	13 28	2 12	8 55	0 32	21 23	0 14	12 51	8 49	16 51	16 23	15 41	13 15	6 52
S 20	23 29	13 27	1 18	23 56	0 40	16 8	1 26	20 51	2 24	21 22	0 36	13 30	2 12	8 55	0 32	21 23	0 14	12 51	8 50	16 51	16 24	15 43	13 16	6 52
S 21	23 27	9 37	2 25	24 8	0 46	15 43	1 23	20 50	2 24	21 19	0 36	13 31	2 12	8 55	0 31	21 22	0 14	12 52	8 50	16 51	16 24	15 44	13 16	6 53
M22	23 24	5 27	3 23	24 19	0 52	15 17	1 19	20 50	2 24	21 17	0 36	13 33	2 12	8 55	0 31	21 22	0 14	12 52	8 50	16 50	16 25	15 46	13 16	6 53
T 23	23 21	1 10	4 9	24 28	0 58	14 52	1 15	20 51	2 25	21 14	0 36	13 34	2 12	8 55	0 31	21 22	0 14	12 52	8 50	16 50	16 26	15 47	13 17	6 53
W24	23 17	3n 3	4 43	24 37	1 4	14 26	1 11	20 51	2 25	21 11	0 36	13 35	2 13	8 55	0 31	21 21	0 14	12 52	8 50	16 50	16 27	15 49	13 17	6 54
T 25	23 13	7 5	5 4	24 43	1 10	13 59	1 7	20 52	2 25	21 8	0 36	13 37	2 13	8 55	0 31	21 21	0 14	12 53	8 50	16 51	16 28	15 50	13 18	6 54
F 26	23 9	10 48	5 12	24 49	1 15	13 33	1 2	20 52	2 25	21 6	0 36	13 38	2 13	8 55	0 31	21 21	0 14	12 53	8 50	16 52	16 29	15 52	13 18	6 54
S 27	23 4	14 5	5 6	24 53	1 20	13 6	0 58	20 53	2 25	21 3	0 37	13 39	2 13	8 55	0 31	21 20	0 14	12 53	8 50	16 53	16 30	15 54	13 19	6 55
S 28	22 58	16 48	4 47	24 56	1 25	12 39	0 53	20 54	2 25	21 0	0 37	13 41	2 13	8 55	0 31	21 20	0 14	12 53	8 50	16 55	16 31	15 55	13 20	6 55
M29	22 52	18 49	4 15	24 57	1 30	12 12	0 49	20 55	2 25	20 57	0 37	13 42	2 13	8 55	0 31	21 20	0 14	12 54	8 50	16 57	16 32	15 57	13 20	6 55
T 30	22 46	20 2	3 32	24 57	1 34	11 45	0 44	20 57	2 25	20 54	0 37	13 43	2 13	8 55	0 31	21 19	0 14	12 54	8 50	16 58	16 33	15 58	13 21	6 55
W31	22s39	20n20	2s39	24s56	1s39	11s17	0s39	20n58	2n25	20s51	0s37	13s44	2n14	8n55	0s31	21s19	0n14	12s54	8n50	16n59	16n34	16n 0	13n21	6s56

Julian Day Number = 2091025.5, Delta T = 23m21s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°58'56, Lahiri = 10°05'56 Julian Calendar 1 Dec. 1012 == Greg. Calendar 7 Dec. 1012

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

JANUARY 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 3 52	16♉38'57	24♋48	10♉11	3♓27	23♉ 7	0♒15	13♏12	24♈ 8	23♉21	7♐11	13°R 0	14♌28	2♊44	0°R33	T 1
F 2	7 7 48	17°40'00	7♌14	11°48	4°31	23°14	0°29	13°16	24° 8	23°23	7°13	12°D58	14°25	2°51	0♌28	F 2
S 3	7 11 45	18°41'02	19°50	13°27	5°34	23°22	0°43	13°21	24° 8	23°25	7°15	12♌58	14°21	2°58	0°24	S 3
S 4	7 15 41	19°42'04	2♍39	15° 6	6°36	23°30	0°57	13°25	24° 9	23°28	7°17	12°59	14°18	3° 5	0°20	S 4
M 5	7 19 38	20°43'05	15°40	16°45	7°39	23°39	1°12	13°29	24° 9	23°30	7°19	13° 1	14°15	3°11	0°15	M 5
T 6	7 23 34	21°44'05	28°57	18°25	8°40	23°49	1°26	13°33	24°10	23°32	7°20	13° 2	14°12	3°18	0°11	T 6
W 7	7 27 31	22°45'04	12♎30	20° 6	9°42	23°59	1°40	13°37	24°10	23°34	7°22	13° 3	14° 9	3°25	0° 7	W 7
T 8	7 31 28	23°46'03	26°20	21°48	10°43	24°10	1°54	13°41	24°11	23°37	7°24	13°R 4	14° 6	3°31	0° 2	T 8
F 9	7 35 24	24°47'01	10♏28	23°30	11°44	24°21	2° 9	13°44	24°11	23°39	7°26	13° 3	14° 2	3°38	29♋58	F 9
S 10	7 39 21	25°47'59	24°51	25°13	12°44	24°33	2°23	13°48	24°12	23°41	7°27	13° 2	13°59	3°45	29°53	S 10
S 11	7 43 17	26°48'56	9♐27	26°56	13°44	24°45	2°37	13°52	24°13	23°44	7°29	13° 0	13°56	3°52	29°49	S 11
M12	7 47 14	27°49'52	24°10	28°40	14°43	24°58	2°51	13°55	24°14	23°46	7°30	12°58	13°53	3°58	29°44	M12
T 13	7 51 10	28°50'46	8♑54	0♒25	15°42	25°12	3° 6	13°59	24°14	23°48	7°32	12°56	13°50	4° 5	29°40	T 13
W14	7 55 7	29°51'40	23°32	2°11	16°40	25°26	3°20	14° 2	24°15	23°50	7°34	12°54	13°47	4°12	29°35	W14
T 15	7 59 3	0♒52'33	7♒56	3°57	17°38	25°40	3°34	14° 5	24°16	23°53	7°35	12°D54	13°43	4°18	29°31	T 15
F 16	8 3 0	1°53'24	22° 2	5°44	18°35	25°56	3°49	14° 9	24°17	23°55	7°37	12°54	13°40	4°25	29°26	F 16
S 17	8 6 57	2°54'14	5♓46	7°31	19°32	26°11	4° 3	14°12	24°18	23°57	7°38	12°55	13°37	4°32	29°22	S 17
S 18	8 10 53	3°55'02	19° 6	9°19	20°28	26°27	4°17	14°15	24°19	23°59	7°40	12°55	13°34	4°39	29°17	S 18
M19	8 14 50	4°55'49	2♈ 2	11° 8	21°24	26°44	4°32	14°17	24°21	24° 2	7°41	12°56	13°31	4°45	29°13	M19
T 20	8 18 46	5°56'34	14°38	12°57	22°19	27° 0	4°46	14°20	24°22	24° 4	7°43	12°57	13°27	4°52	29° 8	T 20
W21	8 22 43	6°57'18	26°56	14°46	23°13	27°18	5° 0	14°23	24°23	24° 6	7°44	12°57	13°24	4°59	29° 4	W21
T 22	8 26 39	7°58'00	9♉ 0	16°35	24° 7	27°36	5°15	14°26	24°24	24° 8	7°45	12°R58	13°21	5° 5	28°59	T 22
F 23	8 30 36	8°58'40	20°56	18°24	25° 0	27°54	5°29	14°28	24°26	24°11	7°47	12°57	13°18	5°12	28°55	F 23
S 24	8 34 32	9°59'18	2♊48	20°13	25°52	28°13	5°43	14°30	24°27	24°13	7°48	12°57	13°15	5°19	28°51	S 24
S 25	8 38 29	10°59'55	14°40	22° 2	26°44	28°32	5°58	14°33	24°29	24°15	7°49	12°57	13°12	5°26	28°46	S 25
M26	8 42 26	12° 0'30	26°37	23°50	27°34	28°51	6°12	14°35	24°30	24°17	7°51	12°57	13° 8	5°32	28°42	M26
T 27	8 46 22	13° 1'03	8♋42	25°37	28°24	29°11	6°26	14°37	24°32	24°19	7°52	12°D57	13° 5	5°39	28°38	T 27
W28	8 50 19	14° 1'35	20°57	27°23	29°13	29°31	6°40	14°39	24°33	24°22	7°53	12°57	13° 2	5°46	28°33	W28
T 29	8 54 15	15° 2'04	3♌26	29° 8	0♈ 1	29°52	6°55	14°41	24°35	24°24	7°54	12°57	12°59	5°52	28°29	T 29
F 30	8 58 12	16° 2'32	16° 9	0♓50	0°49	0♊12	7° 9	14°43	24°37	24°26	7°55	12°R57	12°56	5°59	28°25	F 30
S 31	9 2 8	17♒ 2'59	29♌ 7	2♓30	1♈35	0♊34	7♒23	14♏45	24♈38	24♉28	7♐56	12♌57	12♌53	6♊ 6	28♋21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s31	19n40	1s38	24s52	1s42	10s49	0s34	21n 0	2n25	20s48	0s37	13s45	2n14	8n55	0s31	21s18	0n14	12s54	8n50	17n 0	16n35	16n 1	13n22	6s56
F 2	22 24	18 3	0 32	24 48	1 46	10 21	0 29	21 2	2 25	20 45	0 37	13 47	2 14	8 56	0 31	21 18	0 14	12 54	8 50	17 1	16 36	16 3	13 23	6 56
S 3	22 15	15 32	0n38	24 42	1 49	9 53	0 23	21 3	2 25	20 42	0 37	13 48	2 14	8 56	0 31	21 18	0 14	12 55	8 50	17 1	16 37	16 4	13 23	6 56
S 4	22 7	12 14	1 46	24 34	1 52	9 25	0 18	21 5	2 25	20 39	0 37	13 49	2 14	8 56	0 31	21 17	0 14	12 55	8 51	17 0	16 37	16 6	13 24	6 56
M 5	21 58	8 18	2 51	24 25	1 55	8 56	0 12	21 8	2 25	20 36	0 37	13 50	2 14	8 56	0 31	21 17	0 14	12 55	8 51	17 0	16 38	16 8	13 25	6 57
T 6	21 48	3 53	3 47	24 14	1 57	8 28	0 7	21 10	2 25	20 33	0 37	13 51	2 15	8 56	0 31	21 17	0 14	12 55	8 51	16 59	16 39	16 9	13 26	6 57
W 7	21 38	0s47	4 32	24 1	1 59	7 59	0 1	21 12	2 25	20 30	0 37	13 52	2 15	8 57	0 31	21 16	0 14	12 55	8 51	16 59	16 40	16 11	13 26	6 57
T 8	21 28	5 31	5 2	23 47	2 1	7 30	0n 5	21 15	2 25	20 27	0 37	13 53	2 15	8 57	0 31	21 16	0 14	12 55	8 51	16 59	16 41	16 12	13 27	6 57
F 9	21 17	10 3	5 15	23 31	2 2	7 2	0 11	21 18	2 25	20 24	0 37	13 54	2 15	8 57	0 31	21 15	0 14	12 56	8 51	16 59	16 42	16 14	13 28	6 57
S 10	21 6	14 5	5 9	23 13	2 3	6 33	0 17	21 20	2 24	20 20	0 37	13 55	2 15	8 57	0 31	21 15	0 14	12 56	8 51	17 0	16 43	16 15	13 29	6 57
S 11	20 54	17 19	4 43	22 54	2 4	6 4	0 24	21 23	2 24	20 17	0 38	13 56	2 16	8 58	0 31	21 15	0 14	12 56	8 51	17 0	16 44	16 17	13 30	6 57
M12	20 42	19 28	3 58	22 33	2 4	5 35	0 30	21 26	2 24	20 14	0 38	13 56	2 16	8 58	0 31	21 14	0 14	12 56	8 51	17 1	16 45	16 18	13 30	6 57
T 13	20 30	20 19	2 57	22 10	2 3	5 6	0 37	21 29	2 24	20 11	0 38	13 57	2 16	8 58	0 31	21 14	0 14	12 56	8 52	17 1	16 46	16 20	13 31	6 57
W14	20 17	19 47	1 45	21 46	2 2	4 37	0 44	21 32	2 23	20 8	0 38	13 58	2 16	8 59	0 31	21 13	0 14	12 56	8 52	17 2	16 47	16 21	13 32	6 58
T 15	20 4	17 56	0 27	21 19	2 1	4 8	0 50	21 36	2 23	20 4	0 38	13 59	2 16	8 59	0 31	21 13	0 14	12 56	8 52	17 2	16 48	16 23	13 33	6 58
F 16	19 51	15 2	0s50	20 51	1 59	3 40	0 57	21 39	2 23	20 1	0 38	14 0	2 16	8 59	0 31	21 13	0 14	12 56	8 52	17 2	16 49	16 24	13 34	6 58
S 17	19 37	11 21	2 3	20 22	1 56	3 11	1 4	21 42	2 23	19 58	0 38	14 0	2 17	9 0	0 31	21 12	0 14	12 57	8 52	17 2	16 49	16 26	13 35	6 58
S 18	19 23	7 13	3 7	19 50	1 53	2 42	1 11	21 46	2 22	19 54	0 38	14 1	2 17	9 0	0 31	21 12	0 14	12 57	8 52	17 1	16 50	16 27	13 36	6 58
M19	19 8	2 51	4 0	19 17	1 50	2 13	1 19	21 50	2 22	19 51	0 38	14 2	2 17	9 1	0 31	21 12	0 14	12 57	8 52	17 1	16 51	16 29	13 37	6 57
T 20	18 53	1n30	4 39	18 42	1 46	1 45	1 26	21 53	2 22	19 48	0 38	14 2	2 17	9 1	0 30	21 11	0 14	12 57	8 53	17 1	16 52	16 30	13 38	6 57
W21	18 38	5 41	5 5	18 6	1 41	1 16	1 34	21 57	2 21	19 44	0 38	14 3	2 17	9 2	0 30	21 11	0 14	12 57	8 53	17 1	16 53	16 32	13 39	6 57
T 22	18 22	9 34	5 16	17 28	1 36	0 48	1 41	22 1	2 21	19 41	0 38	14 4	2 18	9 2	0 30	21 10	0 14	12 57	8 53	17 1	16 54	16 33	13 40	6 57
F 23	18 6	13 2	5 14	16 49	1 29	0 20	1 49	22 5	2 21	19 37	0 39	14 4	2 18	9 3	0 30	21 10	0 14	12 57	8 53	17 1	16 55	16 35	13 41	6 57
S 24	17 50	15 57	4 58	16 8	1 23	0n 8	1 57	22 9	2 20	19 34	0 39	14 5	2 18	9 3	0 30	21 10	0 14	12 57	8 53	17 1	16 56	16 36	13 41	6 57
S 25	17 34	18 12	4 30	15 25	1 15	0 36	2 5	22 12	2 20	19 30	0 39	14 5	2 18	9 4	0 30	21 9	0 14	12 57	8 53	17 1	16 57	16 38	13 42	6 57
M26	17 17	19 42	3 50	14 42	1 7	1 4	2 13	22 16	2 19	19 27	0 39	14 6	2 18	9 4	0 30	21 9	0 14	12 57	8 54	17 1	16 58	16 39	13 43	6 57
T 27	17 0	20 18	2 59	13 58	0 58	1 31	2 21	22 20	2 19	19 23	0 39	14 6	2 19	9 5	0 30	21 9	0 14	12 57	8 54	17 1	16 59	16 41	13 44	6 57
W28	16 42	19 58	1 59	13 12	0 49	1 58	2 29	22 25	2 19	19 20	0 39	14 6	2 19	9 6	0 30	21 8	0 14	12 57	8 54	17 1	16 59	16 42	13 45	6 56
T 29	16 25	18 38	0 53	12 26	0 39	2 25	2 38	22 29	2 18	19 16	0 39	14 7	2 19	9 6	0 30	21 8	0 14	12 57	8 54	17 1	17 0	16 44	13 46	6 56
F 30	16 7	16 22	0n18	11 40	0 28	2 52	2 46	22 33	2 18	19 13	0 39	14 7	2 19	9 7	0 30	21 7	0 14	12 57	8 54	17 1	17 1	16 45	13 47	6 56
S 31	15s48	13n13	1n29	10s53	0s16	3n18	2n55	22n37	2n17	19s 9	0s39	14s 7	2n19	9n 8	0s30	21s 7	0n14	12s57	8n54	17n 1	17n 2	16n47	13n48	6s56

Julian Day Number = 2091056.5, Delta T = 23m21s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'00, Lahiri = 10°06'01 Julian Calendar 1 Jan. 1013 == Greg. Calendar 7 Jan. 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

FEBRUARY 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 6 5	18♒ 3'23	12♍19	4♓ 7	2♈20	0♊55	7♒37	14♏46	24♈40	24♑30	7♐58	12°R56	12♌49	6♊13	28°R17	S 1
M 2	9 10 1	19° 3'46	25°45	5°40	3° 4	1°17	7°52	14°48	24°42	24°32	7°59	12♌56	12°46	6°19	28♋13	M 2
T 3	9 13 58	20° 4'08	9♎23	7° 9	3°48	1°39	8° 6	14°49	24°44	24°34	8° 0	12°55	12°43	6°26	28° 9	T 3
W 4	9 17 55	21° 4'28	23°12	8°33	4°30	2° 2	8°20	14°51	24°46	24°37	8° 1	12°54	12°40	6°33	28° 5	W 4
T 5	9 21 51	22° 4'46	7♏11	9°52	5°11	2°25	8°34	14°52	24°48	24°39	8° 2	12°53	12°37	6°39	28° 1	T 5
F 6	9 25 48	23° 5'03	21°17	11° 5	5°51	2°48	8°48	14°53	24°50	24°41	8° 2	12°D53	12°33	6°46	27°57	F 6
S 7	9 29 44	24° 5'19	5♐29	12°11	6°29	3°11	9° 2	14°54	24°52	24°43	8° 3	12°53	12°30	6°53	27°53	S 7
S 8	9 33 41	25° 5'33	19°45	13°10	7° 7	3°35	9°17	14°55	24°54	24°45	8° 4	12°54	12°27	7° 0	27°49	S 8
M 9	9 37 37	26° 5'46	4♑ 1	14° 1	7°43	3°59	9°31	14°56	24°56	24°47	8° 5	12°55	12°24	7° 6	27°45	M 9
T 10	9 41 34	27° 5'57	18°16	14°44	8°17	4°23	9°45	14°56	24°58	24°49	8° 6	12°56	12°21	7°13	27°42	T 10
W11	9 45 30	28° 6'06	2♒24	15°18	8°51	4°47	9°59	14°57	25° 0	24°51	8° 7	12°57	12°18	7°20	27°38	W11
T 12	9 49 27	29° 6'13	16°24	15°43	9°22	5°12	10°13	14°58	25° 2	24°53	8° 7	12°R57	12°14	7°26	27°35	T 12
F 13	9 53 24	0♓ 6'19	0♓10	15°59	9°53	5°37	10°26	14°58	25° 5	24°55	8° 8	12°56	12°11	7°33	27°31	F 13
S 14	9 57 20	1° 6'23	13°41	16°R 6	10°21	6° 2	10°40	14°58	25° 7	24°57	8° 9	12°55	12° 8	7°40	27°28	S 14
S 15	10 1 17	2° 6'24	26°54	16° 4	10°48	6°28	10°54	14°59	25° 9	24°59	8° 9	12°52	12° 5	7°46	27°25	S 15
M16	10 5 13	3° 6'24	9♈48	15°52	11°14	6°54	11° 8	14°59	25°12	25° 0	8°10	12°49	12° 2	7°53	27°21	M16
T 17	10 9 10	4° 6'21	22°24	15°33	11°37	7°20	11°22	14°R59	25°14	25° 2	8°11	12°46	11°59	8° 0	27°18	T 17
W18	10 13 6	5° 6'16	4♉43	15° 5	11°59	7°46	11°36	14°59	25°17	25° 4	8°11	12°43	11°55	8° 7	27°15	W18
T 19	10 17 3	6° 6'09	16°50	14°30	12°19	8°12	11°49	14°58	25°19	25° 6	8°12	12°40	11°52	8°13	27°12	T 19
F 20	10 20 59	7° 6'00	28°47	13°48	12°36	8°39	12° 3	14°58	25°22	25° 8	8°12	12°39	11°49	8°20	27° 9	F 20
S 21	10 24 56	8° 5'49	10♊39	13° 1	12°52	9° 6	12°17	14°58	25°24	25°10	8°12	12°D39	11°46	8°27	27° 6	S 21
S 22	10 28 52	9° 5'35	22°31	12°10	13° 6	9°33	12°30	14°57	25°27	25°11	8°13	12°39	11°43	8°33	27° 3	S 22
M23	10 32 49	10° 5'19	4♋28	11°16	13°17	10° 0	12°44	14°57	25°29	25°13	8°13	12°41	11°39	8°40	27° 1	M23
T 24	10 36 46	11° 5'00	16°35	10°20	13°26	10°28	12°57	14°56	25°32	25°15	8°14	12°43	11°36	8°47	26°58	T 24
W25	10 40 42	12° 4'40	28°55	9°23	13°33	10°55	13°11	14°55	25°35	25°17	8°14	12°44	11°33	8°54	26°56	W25
T 26	10 44 39	13° 4'17	11♌33	8°27	13°38	11°23	13°24	14°54	25°38	25°18	8°14	12°R45	11°30	9° 0	26°53	T 26
F 27	10 48 35	14° 3'52	24°30	7°33	13°R40	11°51	13°38	14°53	25°40	25°20	8°14	12°44	11°27	9° 7	26°51	F 27
S 28	10 52 32	15♓ 3'24	7♍47	6♓41	13♈40	12♊19	13♒51	14♏52	25♈43	25♑22	8♐15	12♌42	11♌24	9♊14	26♋49	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s30	9n22	2n36	10s 7	0s 4	3n44	3n 4	22n41	2n17	19s 6	0s39	14s 8	2n20	9n 8	0s30	21s 7	0n14	12s57	8n55	17n 1	17n 3	16n48	13n50	6s56
M 2	15 11	5 0	3 36	9 20	0n 9	4 10	3 12	22 45	2 17	19 2	0 40	14 8	2 20	9 9	0 30	21 6	0 14	12 57	8 55	17 1	17 4	16 50	13 51	6 55
T 3	14 52	0 19	4 24	8 35	0 23	4 35	3 21	22 49	2 16	18 59	0 40	14 8	2 20	9 10	0 30	21 6	0 14	12 57	8 55	17 2	17 5	16 51	13 52	6 55
W 4	14 33	4s27	4 58	7 50	0 37	5 0	3 30	22 54	2 16	18 55	0 40	14 8	2 20	9 10	0 30	21 6	0 14	12 57	8 55	17 2	17 6	16 53	13 53	6 55
T 5	14 13	9 1	5 15	7 7	0 51	5 25	3 39	22 58	2 15	18 51	0 40	14 9	2 20	9 11	0 30	21 5	0 14	12 57	8 55	17 2	17 7	16 54	13 54	6 55
F 6	13 54	13 8	5 13	6 26	1 6	5 49	3 48	23 2	2 15	18 48	0 40	14 9	2 21	9 12	0 30	21 5	0 14	12 57	8 56	17 2	17 8	16 56	13 55	6 54
S 7	13 34	16 32	4 53	5 47	1 20	6 13	3 57	23 6	2 15	18 44	0 40	14 9	2 21	9 13	0 30	21 4	0 14	12 57	8 56	17 2	17 9	16 57	13 56	6 54
S 8	13 14	18 57	4 14	5 11	1 35	6 36	4 7	23 10	2 14	18 40	0 40	14 9	2 21	9 14	0 30	21 4	0 13	12 57	8 56	17 2	17 9	16 58	13 57	6 54
M 9	12 53	20 11	3 19	4 38	1 50	6 59	4 16	23 15	2 14	18 37	0 40	14 9	2 21	9 14	0 30	21 4	0 13	12 57	8 56	17 2	17 10	17 0	13 58	6 53
T 10	12 33	20 8	2 12	4 8	2 5	7 22	4 25	23 19	2 13	18 33	0 40	14 9	2 22	9 15	0 30	21 3	0 13	12 57	8 56	17 1	17 11	17 1	13 59	6 53
W11	12 12	18 47	0 58	3 41	2 19	7 43	4 34	23 23	2 13	18 29	0 41	14 9	2 22	9 16	0 30	21 3	0 13	12 57	8 57	17 1	17 12	17 3	14 0	6 53
T 12	11 51	16 18	0s19	3 19	2 33	8 4	4 44	23 27	2 12	18 26	0 41	14 9	2 22	9 17	0 30	21 3	0 13	12 57	8 57	17 1	17 13	17 4	14 1	6 52
F 13	11 30	12 56	1 34	3 1	2 46	8 25	4 53	23 31	2 12	18 22	0 41	14 9	2 22	9 18	0 30	21 2	0 13	12 56	8 57	17 1	17 14	17 6	14 2	6 52
S 14	11 8	8 56	2 42	2 47	2 58	8 45	5 3	23 35	2 11	18 18	0 41	14 9	2 22	9 19	0 30	21 2	0 13	12 56	8 57	17 2	17 15	17 7	14 3	6 52
S 15	10 47	4 35	3 39	2 38	3 9	9 4	5 12	23 39	2 11	18 15	0 41	14 9	2 23	9 19	0 30	21 2	0 13	12 56	8 57	17 2	17 16	17 9	14 4	6 51
M16	10 25	0 9	4 24	2 33	3 19	9 23	5 21	23 43	2 10	18 11	0 41	14 8	2 23	9 20	0 30	21 1	0 13	12 56	8 58	17 3	17 17	17 10	14 5	6 51
T 17	10 3	4n12	4 55	2 33	3 27	9 41	5 31	23 47	2 10	18 7	0 41	14 8	2 23	9 21	0 30	21 1	0 13	12 56	8 58	17 4	17 17	17 11	14 6	6 50
W18	9 41	8 16	5 11	2 38	3 33	9 58	5 40	23 51	2 10	18 4	0 41	14 8	2 23	9 22	0 30	21 1	0 13	12 56	8 58	17 5	17 18	17 13	14 7	6 50
T 19	9 19	11 56	5 14	2 47	3 38	10 14	5 49	23 55	2 9	18 0	0 42	14 8	2 23	9 23	0 30	21 0	0 13	12 56	8 58	17 6	17 19	17 14	14 8	6 49
F 20	8 57	15 5	5 2	3 0	3 41	10 30	5 58	23 59	2 9	17 56	0 42	14 7	2 24	9 24	0 30	21 0	0 13	12 56	8 58	17 6	17 20	17 16	14 9	6 49
S 21	8 35	17 35	4 38	3 17	3 42	10 44	6 8	24 2	2 8	17 52	0 42	14 7	2 24	9 25	0 30	21 0	0 13	12 56	8 59	17 6	17 21	17 17	14 10	6 48
S 22	8 12	19 20	4 2	3 38	3 41	10 58	6 17	24 6	2 8	17 49	0 42	14 7	2 24	9 26	0 30	20 59	0 13	12 55	8 59	17 6	17 22	17 19	14 11	6 48
M23	7 50	20 15	3 15	4 1	3 38	11 11	6 25	24 10	2 7	17 45	0 42	14 6	2 24	9 27	0 29	20 59	0 13	12 55	8 59	17 6	17 23	17 20	14 12	6 48
T 24	7 27	20 14	2 19	4 27	3 33	11 22	6 34	24 13	2 7	17 41	0 42	14 6	2 24	9 28	0 29	20 59	0 13	12 55	8 59	17 5	17 24	17 21	14 13	6 47
W25	7 4	19 15	1 15	4 54	3 27	11 33	6 43	24 17	2 6	17 38	0 42	14 6	2 25	9 29	0 29	20 58	0 13	12 55	8 59	17 5	17 25	17 23	14 14	6 47
T 26	6 41	17 18	0 7	5 23	3 18	11 42	6 51	24 20	2 6	17 34	0 42	14 5	2 25	9 30	0 29	20 58	0 13	12 55	9 0	17 4	17 25	17 24	14 15	6 46
F 27	6 18	14 26	1n 4	5 53	3 8	11 50	6 59	24 24	2 5	17 30	0 43	14 5	2 25	9 31	0 29	20 58	0 13	12 55	9 0	17 5	17 26	17 26	14 16	6 45
S 28	5s55	10n45	2n13	6s22	2n57	11n57	7n 7	24n27	2n 5	17s26	0s43	14s 4	2n25	9n32	0s29	20s58	0n13	12s54	9n 0	17n 5	17n27	17n27	14n17	6s45

Julian Day Number = 2091087.5, Delta T = 23m21s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'04, Lahiri = 10°06'05 Julian Calendar 1 Feb. 1013 == Greg. Calendar 7 Feb. 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

MARCH 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 56 28	16♓ 2'55	21♍24	5°R54	13°R37	12♊47	14♒ 4	14°R51	25♈46	25♑23	8♐15	12°R38	11♌20	9♊20	26°R46	S 1
M 2	11 0 25	17° 2'23	5♎18	5♓10	13♈32	13°16	14°17	14♏50	25°49	25°25	8°15	12♌34	11°17	9°27	26♋44	M 2
T 3	11 4 21	18° 1'50	19°24	4°32	13°24	13°44	14°30	14°48	25°52	25°26	8°15	12°28	11°14	9°34	26°42	T 3
W 4	11 8 18	19° 1'14	3♏40	3°59	13°14	14°13	14°43	14°47	25°55	25°28	8°15	12°23	11°11	9°41	26°40	W 4
T 5	11 12 15	20° 0'37	17°59	3°32	13° 1	14°42	14°57	14°45	25°57	25°30	8°R15	12°18	11° 8	9°47	26°39	T 5
F 6	11 16 11	20°59'58	2♐18	3°10	12°46	15°11	15° 9	14°44	26° 0	25°31	8°15	12°15	11° 4	9°54	26°37	F 6
S 7	11 20 8	21°59'17	16°32	2°55	12°29	15°41	15°22	14°42	26° 3	25°32	8°15	12°D13	11° 1	10° 1	26°35	S 7
S 8	11 24 4	22°58'35	0♑40	2°45	12° 9	16°10	15°35	14°40	26° 6	25°34	8°15	12°13	10°58	10° 7	26°34	S 8
M 9	11 28 1	23°57'50	14°40	2°D41	11°47	16°40	15°48	14°38	26° 9	25°35	8°15	12°14	10°55	10°14	26°32	M 9
T 10	11 31 57	24°57'04	28°32	2°43	11°22	17° 9	16° 1	14°36	26°13	25°37	8°15	12°16	10°52	10°21	26°31	T 10
W11	11 35 54	25°56'16	12♒14	2°51	10°56	17°39	16°13	14°34	26°16	25°38	8°14	12°R16	10°49	10°27	26°30	W11
T 12	11 39 50	26°55'26	25°46	3° 4	10°27	18° 9	16°26	14°32	26°19	25°39	8°14	12°16	10°45	10°34	26°29	T 12
F 13	11 43 47	27°54'34	9♓ 7	3°21	9°57	18°39	16°39	14°29	26°22	25°41	8°14	12°13	10°42	10°41	26°28	F 13
S 14	11 47 44	28°53'40	22°16	3°44	9°25	19° 9	16°51	14°27	26°25	25°42	8°14	12° 7	10°39	10°48	26°27	S 14
S 15	11 51 40	29°52'44	5♈13	4°11	8°51	19°40	17° 3	14°24	26°28	25°43	8°13	12° 0	10°36	10°54	26°26	S 15
M16	11 55 37	0♈51'46	17°55	4°43	8°16	20°10	17°16	14°22	26°31	25°44	8°13	11°52	10°33	11° 1	26°25	M16
T 17	11 59 33	1°50'45	0♉24	5°19	7°41	20°41	17°28	14°19	26°35	25°46	8°13	11°42	10°30	11° 8	26°25	T 17
W18	12 3 30	2°49'43	12°40	5°58	7° 4	21°12	17°40	14°17	26°38	25°47	8°12	11°33	10°26	11°14	26°24	W18
T 19	12 7 26	3°48'38	24°45	6°42	6°26	21°43	17°52	14°14	26°41	25°48	8°12	11°25	10°23	11°21	26°24	T 19
F 20	12 11 23	4°47'31	6♊41	7°29	5°49	22°13	18° 4	14°11	26°44	25°49	8°12	11°19	10°20	11°28	26°23	F 20
S 21	12 15 19	5°46'22	18°32	8°19	5°11	22°45	18°16	14° 8	26°48	25°50	8°11	11°15	10°17	11°34	26°23	S 21
S 22	12 19 16	6°45'11	0♋23	9°13	4°33	23°16	18°28	14° 5	26°51	25°51	8°11	11°14	10°14	11°41	26°D23	S 22
M23	12 23 12	7°43'57	12°18	10° 9	3°55	23°47	18°40	14° 2	26°54	25°52	8°10	11°D13	10°10	11°48	26°23	M23
T 24	12 27 9	8°42'41	24°24	11° 9	3°18	24°18	18°51	13°59	26°57	25°53	8° 9	11°14	10° 7	11°55	26°23	T 24
W25	12 31 6	9°41'22	6♌44	12°11	2°42	24°50	19° 3	13°55	27° 1	25°54	8° 9	11°R15	10° 4	12° 1	26°23	W25
T 26	12 35 2	10°40'02	19°24	13°16	2° 7	25°22	19°14	13°52	27° 4	25°55	8° 8	11°15	10° 1	12° 8	26°24	T 26
F 27	12 38 59	11°38'39	2♍27	14°23	1°34	25°53	19°26	13°49	27° 8	25°56	8° 7	11°13	9°58	12°15	26°24	F 27
S 28	12 42 55	12°37'14	15°56	15°33	1° 2	26°25	19°37	13°45	27°11	25°57	8° 7	11° 8	9°55	12°21	26°25	S 28
S 29	12 46 52	13°35'46	29°50	16°45	0°31	26°57	19°48	13°42	27°14	25°58	8° 6	11° 1	9°51	12°28	26°25	S 29
M30	12 50 48	14°34'17	14♎ 6	18° 0	0° 2	27°29	19°59	13°38	27°18	25°58	8° 5	10°53	9°48	12°35	26°26	M30
T 31	12 54 45	15♈32'46	28♎40	19♓17	29♓36	28♊ 1	20♒10	13♏35	27♈21	25♑59	8♐ 5	10♌43	9♌45	12♊41	26♋27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s32	6n25	3n15	6s51	2n44	12n 3	7n14	24n30	2n 4	17s23	0s43	14s 4	2n25	9n33	0s29	20s57	0n13	12s54	9n 0	17n 6	17n28	17n28	14n18	6s44
M 2	5 9	1 41	4 8	7 20	2 31	12 8	7 21	24 34	2 4	17 19	0 43	14 3	2 25	9 34	0 29	20 57	0 13	12 54	9 0	17 8	17 29	17 30	14 19	6 44
T 3	4 45	3s13	4 46	7 47	2 16	12 11	7 28	24 37	2 4	17 15	0 43	14 3	2 26	9 35	0 29	20 57	0 13	12 54	9 1	17 9	17 30	17 31	14 19	6 43
W 4	4 22	7 59	5 7	8 13	2 2	12 12	7 34	24 40	2 3	17 12	0 43	14 2	2 26	9 36	0 29	20 56	0 13	12 54	9 1	17 11	17 31	17 33	14 20	6 43
T 5	3 59	12 20	5 9	8 36	1 47	12 13	7 40	24 43	2 3	17 8	0 43	14 1	2 26	9 37	0 29	20 56	0 13	12 53	9 1	17 12	17 32	17 34	14 21	6 42
F 6	3 35	15 57	4 52	8 58	1 32	12 11	7 45	24 46	2 2	17 4	0 44	14 1	2 26	9 39	0 29	20 56	0 13	12 53	9 1	17 13	17 32	17 35	14 22	6 42
S 7	3 12	18 37	4 17	9 18	1 16	12 9	7 50	24 48	2 2	17 0	0 44	14 0	2 26	9 40	0 29	20 56	0 13	12 53	9 1	17 13	17 33	17 37	14 23	6 41
S 8	2 48	20 7	3 26	9 36	1 1	12 5	7 54	24 51	2 1	16 57	0 44	13 59	2 27	9 41	0 29	20 55	0 13	12 53	9 2	17 13	17 34	17 38	14 24	6 40
M 9	2 25	20 22	2 24	9 51	0 46	11 59	7 57	24 54	2 1	16 53	0 44	13 59	2 27	9 42	0 29	20 55	0 13	12 53	9 2	17 13	17 35	17 40	14 25	6 40
T 10	2 1	19 22	1 14	10 4	0 31	11 52	8 0	24 56	2 0	16 49	0 44	13 58	2 27	9 43	0 29	20 55	0 13	12 52	9 2	17 13	17 36	17 41	14 25	6 39
W11	1 37	17 13	0 0	10 15	0 17	11 43	8 2	24 59	2 0	16 46	0 44	13 57	2 27	9 44	0 29	20 55	0 13	12 52	9 2	17 12	17 37	17 42	14 26	6 39
T 12	1 14	14 8	1s12	10 23	0 3	11 33	8 3	25 1	1 59	16 42	0 45	13 56	2 27	9 45	0 29	20 54	0 13	12 52	9 2	17 13	17 38	17 44	14 27	6 38
F 13	0 50	10 21	2 20	10 29	0s10	11 21	8 3	25 3	1 59	16 38	0 45	13 55	2 27	9 46	0 29	20 54	0 13	12 52	9 3	17 13	17 39	17 45	14 28	6 37
S 14	0 27	6 7	3 19	10 33	0 23	11 8	8 3	25 5	1 58	16 35	0 45	13 55	2 28	9 48	0 29	20 54	0 13	12 52	9 3	17 15	17 39	17 46	14 29	6 37
S 15	0 3	1 41	4 6	10 34	0 35	10 53	8 1	25 7	1 58	16 31	0 45	13 54	2 28	9 49	0 29	20 54	0 13	12 51	9 3	17 17	17 40	17 48	14 29	6 36
M16	0n21	2n45	4 40	10 34	0 47	10 37	7 59	25 9	1 57	16 28	0 45	13 53	2 28	9 50	0 29	20 53	0 13	12 51	9 3	17 19	17 41	17 49	14 30	6 36
T 17	0 44	6 59	5 1	10 31	0 59	10 20	7 56	25 11	1 57	16 24	0 45	13 52	2 28	9 51	0 29	20 53	0 13	12 51	9 3	17 22	17 42	17 50	14 31	6 35
W18	1 8	10 51	5 6	10 26	1 9	10 2	7 52	25 12	1 56	16 21	0 46	13 51	2 28	9 52	0 29	20 53	0 13	12 51	9 3	17 25	17 43	17 52	14 32	6 34
T 19	1 31	14 14	4 58	10 20	1 19	9 42	7 47	25 14	1 56	16 17	0 46	13 50	2 28	9 54	0 29	20 53	0 13	12 50	9 4	17 27	17 44	17 53	14 32	6 34
F 20	1 55	16 59	4 37	10 11	1 29	9 22	7 41	25 15	1 55	16 13	0 46	13 49	2 28	9 55	0 29	20 53	0 13	12 50	9 4	17 28	17 45	17 54	14 33	6 33
S 21	2 18	19 1	4 4	10 0	1 38	9 1	7 35	25 17	1 55	16 10	0 46	13 48	2 29	9 56	0 29	20 52	0 13	12 50	9 4	17 29	17 46	17 56	14 34	6 32
S 22	2 42	20 13	3 21	9 47	1 46	8 39	7 27	25 18	1 55	16 6	0 46	13 47	2 29	9 57	0 29	20 52	0 13	12 50	9 4	17 30	17 46	17 57	14 34	6 32
M23	3 5	20 31	2 29	9 33	1 54	8 16	7 19	25 19	1 54	16 3	0 46	13 46	2 29	9 58	0 29	20 52	0 13	12 49	9 4	17 30	17 47	17 59	14 35	6 31
T 24	3 28	19 53	1 29	9 17	2 1	7 53	7 10	25 20	1 54	15 59	0 47	13 45	2 29	10 0	0 29	20 52	0 13	12 49	9 4	17 30	17 48	18 0	14 35	6 31
W25	3 51	18 18	0 24	8 59	2 7	7 30	7 0	25 21	1 53	15 56	0 47	13 44	2 29	10 1	0 29	20 52	0 13	12 49	9 5	17 30	17 49	18 1	14 36	6 30
T 26	4 15	15 46	0n44	8 39	2 13	7 6	6 50	25 22	1 53	15 53	0 47	13 43	2 29	10 2	0 29	20 52	0 13	12 49	9 5	17 30	17 50	18 3	14 37	6 29
F 27	4 38	12 23	1 51	8 18	2 18	6 43	6 39	25 22	1 52	15 49	0 47	13 42	2 29	10 3	0 29	20 51	0 13	12 48	9 5	17 30	17 51	18 4	14 37	6 29
S 28	5 1	8 15	2 54	7 55	2 23	6 19	6 27	25 23	1 52	15 46	0 47	13 40	2 29	10 4	0 29	20 51	0 13	12 48	9 5	17 31	17 52	18 5	14 38	6 28
S 29	5 24	3 34	3 49	7 31	2 27	5 56	6 15	25 23	1 51	15 42	0 48	13 39	2 29	10 6	0 29	20 51	0 13	12 48	9 5	17 33	17 52	18 6	14 38	6 27
M30	5 46	1s26	4 31	7 5	2 31	5 33	6 3	25 23	1 51	15 39	0 48	13 38	2 30	10 7	0 29	20 51	0 13	12 48	9 5	17 36	17 53	18 8	14 39	6 27
T 31	6n 9	6s26	4n56	6s37	2s34	5n11	5n50	25n23	1n50	15s36	0s48	13s37	2n30	10n 8	0s29	20s51	0n13	12s47	9n 6	17n38	17n54	18n 9	14n39	6s26

Julian Day Number = 2091115.5, Delta T = 23m20s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'08, Lahiri = 10°06'09 Julian Calendar 1 March 1013 == Greg. Calendar 7 March 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

APRIL 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 58 41	16♈31'13	13♏24	20♓35	29°R11	28♊33	20♒21	13°R31	27♈24	26♉ 0	8°R 4	10°R33	9♌42	12♊48	26♋28	W 1
T 2	13 2 38	17°29'38	28° 9	21°56	28♓49	29° 5	20°32	13♏27	27°28	26° 1	8♐ 3	10♌24	9°39	12°55	26°29	T 2
F 3	13 6 35	18°28'01	12♐49	23°19	28°29	29°38	20°43	13°23	27°31	26° 1	8° 2	10°18	9°35	13° 2	26°30	F 3
S 4	13 10 31	19°26'23	27°17	24°44	28°11	0♋10	20°53	13°20	27°35	26° 2	8° 1	10°14	9°32	13° 8	26°31	S 4
S 5	13 14 28	20°24'44	11♉30	26°11	27°56	0°43	21° 4	13°16	27°38	26° 2	8° 0	10°12	9°29	13°15	26°33	S 5
M 6	13 18 24	21°23'02	25°27	27°40	27°43	1°15	21°14	13°12	27°42	26° 3	7°59	10°D12	9°26	13°22	26°34	M 6
T 7	13 22 21	22°21'20	9♒ 8	29°11	27°32	1°48	21°25	13° 8	27°45	26° 4	7°58	10°R12	9°23	13°28	26°35	T 7
W 8	13 26 17	23°19'35	22°33	0♈43	27°24	2°21	21°35	13° 4	27°49	26° 4	7°57	10°11	9°20	13°35	26°37	W 8
T 9	13 30 14	24°17'49	5♓45	2°18	27°19	2°53	21°45	13° 0	27°52	26° 5	7°56	10° 9	9°16	13°42	26°39	T 9
F 10	13 34 10	25°16'02	18°44	3°54	27°16	3°26	21°55	12°55	27°56	26° 5	7°55	10° 4	9°13	13°48	26°41	F 10
S 11	13 38 7	26°14'13	1♈33	5°32	27°D15	3°59	22° 5	12°51	27°59	26° 5	7°54	9°56	9°10	13°55	26°43	S 11
S 12	13 42 4	27°12'22	14°10	7°12	27°17	4°32	22°14	12°47	28° 2	26° 6	7°53	9°45	9° 7	14° 2	26°45	S 12
M13	13 46 0	28°10'29	26°37	8°54	27°21	5° 6	22°24	12°43	28° 6	26° 6	7°52	9°33	9° 4	14° 9	26°47	M13
T 14	13 49 57	29° 8'35	8♉54	10°38	27°27	5°39	22°34	12°39	28° 9	26° 6	7°51	9°19	9° 1	14°15	26°49	T 14
W15	13 53 53	0♉ 6'39	21° 2	12°23	27°35	6°12	22°43	12°34	28°13	26° 7	7°50	9° 6	8°57	14°22	26°51	W15
T 16	13 57 50	1° 4'41	3♊ 1	14°11	27°46	6°45	22°52	12°30	28°16	26° 7	7°49	8°54	8°54	14°29	26°54	T 16
F 17	14 1 46	2° 2'42	14°54	16° 0	27°59	7°19	23° 1	12°26	28°20	26° 7	7°47	8°44	8°51	14°35	26°56	F 17
S 18	14 5 43	3° 0'41	26°44	17°51	28°13	7°52	23°10	12°21	28°23	26° 7	7°46	8°37	8°48	14°42	26°59	S 18
S 19	14 9 39	3°58'38	8♋33	19°44	28°30	8°26	23°19	12°17	28°27	26° 7	7°45	8°33	8°45	14°49	27° 2	S 19
M20	14 13 36	4°56'33	20°27	21°39	28°48	9° 0	23°28	12°12	28°30	26° 8	7°44	8°31	8°41	14°55	27° 4	M20
T 21	14 17 33	5°54'26	2♌30	23°36	29° 9	9°33	23°37	12° 8	28°34	26° 8	7°42	8°31	8°38	15° 2	27° 7	T 21
W22	14 21 29	6°52'17	14°48	25°34	29°31	10° 7	23°45	12° 4	28°37	26° 8	7°41	8°31	8°35	15° 9	27°10	W22
T 23	14 25 26	7°50'07	27°26	27°35	29°55	10°41	23°54	11°59	28°40	26°R 8	7°40	8°30	8°32	15°16	27°13	T 23
F 24	14 29 22	8°47'55	10♍29	29°37	0♈20	11°15	24° 2	11°55	28°44	26° 8	7°39	8°27	8°29	15°22	27°17	F 24
S 25	14 33 19	9°45'41	23°59	1♉40	0°47	11°49	24°10	11°50	28°47	26° 8	7°37	8°23	8°26	15°29	27°20	S 25
S 26	14 37 15	10°43'25	7♎59	3°46	1°16	12°23	24°18	11°46	28°51	26° 8	7°36	8°15	8°22	15°36	27°23	S 26
M27	14 41 12	11°41'08	22°26	5°52	1°46	12°57	24°26	11°41	28°54	26° 7	7°34	8° 6	8°19	15°42	27°27	M27
T 28	14 45 8	12°38'49	7♏15	8° 0	2°18	13°31	24°34	11°37	28°58	26° 7	7°33	7°55	8°16	15°49	27°30	T 28
W29	14 49 5	13°36'29	22°18	10° 9	2°51	14° 5	24°41	11°32	29° 1	26° 7	7°32	7°44	8°13	15°56	27°34	W29
T 30	14 53 1	14♉34'08	7♐25	12♉20	3♈25	14♋39	24♒49	11♏28	29♈ 4	26♉ 7	7♐30	7♌34	8♌10	16♊ 2	27♋38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n32	11s 8	5n 3	6s 9	2s36	4n49	5n37	25n23	1n50	15s32	0s48	13s36	2n30	10n 9	0s29	20s51	0n13	12s47	9n 6	17n41	17n55	18n10	14n40	6s25
T 2	6 54	15 10	4 49	5 38	2 38	4 28	5 23	25 23	1 49	15 29	0 48	13 35	2 30	10 11	0 29	20 50	0 13	12 47	9 6	17 43	17 56	18 12	14 40	6 25
F 3	7 17	18 13	4 16	5 6	2 40	4 7	5 9	25 23	1 49	15 26	0 49	13 33	2 30	10 12	0 29	20 50	0 13	12 47	9 6	17 45	17 57	18 13	14 41	6 24
S 4	7 39	20 5	3 27	4 33	2 40	3 47	4 56	25 22	1 48	15 23	0 49	13 32	2 30	10 13	0 29	20 50	0 13	12 46	9 6	17 46	17 57	18 14	14 41	6 23
S 5	8 1	20 38	2 26	3 59	2 41	3 29	4 42	25 22	1 48	15 19	0 49	13 31	2 30	10 14	0 29	20 50	0 13	12 46	9 6	17 47	17 58	18 16	14 41	6 23
M 6	8 23	19 53	1 18	3 23	2 40	3 11	4 28	25 21	1 48	15 16	0 49	13 30	2 30	10 16	0 29	20 50	0 13	12 46	9 6	17 47	17 59	18 17	14 42	6 22
T 7	8 45	17 59	0 6	2 46	2 39	2 54	4 14	25 20	1 47	15 13	0 49	13 28	2 30	10 17	0 29	20 50	0 13	12 45	9 7	17 47	18 0	18 18	14 42	6 21
W 8	9 7	15 6	1s 5	2 7	2 38	2 38	4 0	25 19	1 47	15 10	0 50	13 27	2 30	10 18	0 29	20 50	0 13	12 45	9 7	17 47	18 1	18 20	14 43	6 21
T 9	9 28	11 29	2 11	1 28	2 36	2 23	3 46	25 18	1 46	15 7	0 50	13 26	2 30	10 19	0 29	20 50	0 13	12 45	9 7	17 48	18 2	18 21	14 43	6 20
F 10	9 50	7 22	3 9	0 47	2 33	2 10	3 33	25 17	1 46	15 4	0 50	13 25	2 30	10 21	0 29	20 50	0 13	12 45	9 7	17 49	18 3	18 22	14 43	6 20
S 11	10 11	3 0	3 56	0 5	2 30	1 57	3 19	25 15	1 45	15 1	0 50	13 23	2 30	10 22	0 29	20 50	0 13	12 44	9 7	17 51	18 3	18 23	14 43	6 19
S 12	10 32	1n27	4 31	0n38	2 27	1 45	3 6	25 14	1 45	14 58	0 50	13 22	2 30	10 23	0 29	20 50	0 13	12 44	9 7	17 54	18 4	18 25	14 44	6 18
M13	10 53	5 46	4 53	1 22	2 22	1 35	2 53	25 12	1 44	14 55	0 51	13 21	2 31	10 24	0 29	20 49	0 13	12 44	9 7	17 57	18 5	18 26	14 44	6 18
T 14	11 14	9 48	5 0	2 7	2 18	1 25	2 40	25 10	1 44	14 52	0 51	13 19	2 31	10 26	0 29	20 49	0 13	12 44	9 7	18 1	18 6	18 27	14 44	6 17
W15	11 34	13 23	4 54	2 53	2 12	1 17	2 27	25 8	1 43	14 49	0 51	13 18	2 31	10 27	0 29	20 49	0 13	12 43	9 7	18 4	18 7	18 28	14 44	6 16
T 16	11 55	16 23	4 35	3 40	2 7	1 10	2 15	25 6	1 43	14 46	0 51	13 17	2 31	10 28	0 29	20 49	0 13	12 43	9 8	18 8	18 8	18 30	14 44	6 16
F 17	12 15	18 41	4 3	4 28	2 0	1 4	2 2	25 4	1 42	14 44	0 52	13 15	2 31	10 29	0 29	20 49	0 13	12 43	9 8	18 10	18 8	18 31	14 45	6 15
S 18	12 35	20 10	3 22	5 17	1 54	0 59	1 50	25 2	1 42	14 41	0 52	13 14	2 31	10 31	0 29	20 49	0 13	12 42	9 8	18 12	18 9	18 32	14 45	6 14
S 19	12 55	20 46	2 31	6 7	1 47	0 55	1 39	24 59	1 41	14 38	0 52	13 13	2 31	10 32	0 29	20 49	0 13	12 42	9 8	18 13	18 10	18 34	14 45	6 14
M20	13 14	20 27	1 34	6 57	1 39	0 51	1 27	24 56	1 41	14 35	0 52	13 11	2 31	10 33	0 29	20 49	0 13	12 42	9 8	18 14	18 11	18 35	14 45	6 13
T 21	13 34	19 11	0 32	7 48	1 31	0 49	1 16	24 53	1 41	14 33	0 53	13 10	2 31	10 34	0 29	20 49	0 13	12 42	9 8	18 14	18 12	18 36	14 45	6 13
W22	13 53	17 1	0n33	8 40	1 22	0 48	1 5	24 50	1 40	14 30	0 53	13 9	2 31	10 36	0 29	20 49	0 13	12 41	9 8	18 14	18 13	18 37	14 45	6 12
T 23	14 12	13 58	1 38	9 32	1 13	0 48	0 55	24 47	1 40	14 28	0 53	13 7	2 31	10 37	0 29	20 49	0 13	12 41	9 8	18 14	18 13	18 39	14 45	6 11
F 24	14 30	10 9	2 40	10 24	1 4	0 49	0 45	24 44	1 39	14 25	0 53	13 6	2 31	10 38	0 29	20 49	0 13	12 41	9 8	18 15	18 14	18 40	14 45	6 11
S 25	14 49	5 42	3 36	11 16	0 54	0 51	0 35	24 41	1 39	14 23	0 53	13 5	2 31	10 39	0 29	20 49	0 13	12 41	9 8	18 16	18 15	18 41	14 45	6 10
S 26	15 7	0 48	4 20	12 9	0 44	0 53	0 25	24 37	1 38	14 20	0 54	13 3	2 31	10 40	0 29	20 49	0 13	12 40	9 8	18 18	18 16	18 42	14 45	6 10
M27	15 25	4s18	4 50	13 1	0 34	0 56	0 15	24 33	1 38	14 18	0 54	13 2	2 31	10 42	0 29	20 49	0 13	12 40	9 8	18 20	18 17	18 43	14 45	6 9
T 28	15 43	9 16	5 1	13 53	0 24	1 1	0 6	24 29	1 37	14 15	0 54	13 1	2 30	10 43	0 29	20 49	0 13	12 40	9 8	18 23	18 18	18 45	14 45	6 8
W29	16 0	13 45	4 51	14 44	0 13	1 6	0s 3	24 25	1 37	14 13	0 54	12 59	2 30	10 44	0 29	20 49	0 13	12 40	9 8	18 26	18 18	18 46	14 45	6 8
T 30	16n18	17s22	4n21	15n34	0s 3	1n11	0s11	24n21	1n36	14s11	0s55	12s58	2n30	10n45	0s29	20s49	0n13	12s39	9n 8	18n29	18n19	18n47	14n45	6s 7

Julian Day Number = 2091146.5, Delta T = 23m20s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'12, Lahiri = 10°06'13 Julian Calendar 1 Apr. 1013 == Greg. Calendar 7 Apr. 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

MAY 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 56 58	15♉31'45	22♐27	14♉30	4♈ 0	15♋13	24♒56	11°R23	29♈ 8	26°R 7	7°R29	7°R26	8♌ 7	16♊ 9	27♋41	F 1
S 2	15 0 55	16°29'22	7♑14	16°42	4°37	15°48	25° 3	11♏19	29°11	26♑ 6	7♐27	7♌22	8° 3	16°16	27°45	S 2
S 3	15 4 51	17°26'57	21°41	18°53	5°15	16°22	25°10	11°14	29°14	26° 6	7°26	7°19	8° 0	16°22	27°49	S 3
M 4	15 8 48	18°24'31	5♒45	21° 5	5°54	16°56	25°17	11°10	29°18	26° 6	7°24	7°D19	7°57	16°29	27°53	M 4
T 5	15 12 44	19°22'05	19°27	23°16	6°34	17°31	25°23	11° 6	29°21	26° 5	7°23	7°R19	7°54	16°36	27°57	T 5
W 6	15 16 41	20°19'37	2♓47	25°27	7°16	18° 5	25°30	11° 1	29°24	26° 5	7°21	7°18	7°51	16°43	28° 2	W 6
T 7	15 20 37	21°17'09	15°49	27°37	7°58	18°40	25°36	10°57	29°28	26° 5	7°20	7°16	7°47	16°49	28° 6	T 7
F 8	15 24 34	22°14'39	28°35	29°45	8°41	19°15	25°43	10°53	29°31	26° 4	7°18	7°11	7°44	16°56	28°10	F 8
S 9	15 28 31	23°12'09	11♈ 8	1♊53	9°25	19°49	25°49	10°48	29°34	26° 4	7°17	7° 4	7°41	17° 3	28°15	S 9
S 10	15 32 27	24° 9'38	23°31	3°59	10°10	20°24	25°54	10°44	29°37	26° 3	7°15	6°54	7°38	17° 9	28°19	S 10
M11	15 36 24	25° 7'06	5♉44	6° 3	10°56	20°59	26° 0	10°40	29°41	26° 2	7°14	6°43	7°35	17°16	28°24	M11
T 12	15 40 20	26° 4'33	17°49	8° 5	11°43	21°34	26° 6	10°35	29°44	26° 2	7°12	6°30	7°32	17°23	28°29	T 12
W13	15 44 17	27° 1'59	29°48	10° 5	12°30	22° 9	26°11	10°31	29°47	26° 1	7°11	6°17	7°28	17°29	28°33	W13
T 14	15 48 13	27°59'24	11♊42	12° 3	13°18	22°44	26°16	10°27	29°50	26° 1	7° 9	6° 6	7°25	17°36	28°38	T 14
F 15	15 52 10	28°56'49	23°32	13°58	14° 7	23°19	26°21	10°23	29°53	26° 0	7° 8	5°57	7°22	17°43	28°43	F 15
S 16	15 56 6	29°54'12	5♋20	15°51	14°57	23°54	26°26	10°19	29°56	25°59	7° 6	5°50	7°19	17°49	28°48	S 16
S 17	16 0 3	0♊51'34	17°10	17°42	15°47	24°29	26°31	10°15	29°59	25°59	7° 4	5°46	7°16	17°56	28°53	S 17
M18	16 4 0	1°48'55	29° 5	19°30	16°38	25° 4	26°36	10°11	0♉ 3	25°58	7° 3	5°44	7°13	18° 3	28°58	M18
T 19	16 7 56	2°46'15	11♌ 8	21°16	17°30	25°39	26°40	10° 7	0° 6	25°57	7° 1	5°D44	7° 9	18°10	29° 3	T 19
W20	16 11 53	3°43'34	23°25	22°59	18°22	26°14	26°44	10° 3	0° 9	25°56	7° 0	5°45	7° 6	18°16	29° 9	W20
T 21	16 15 49	4°40'52	6♍ 1	24°40	19°15	26°50	26°48	9°59	0°12	25°55	6°58	5°R45	7° 3	18°23	29°14	T 21
F 22	16 19 46	5°38'09	19° 0	26°17	20° 8	27°25	26°52	9°55	0°15	25°54	6°56	5°44	7° 0	18°30	29°19	F 22
S 23	16 23 42	6°35'25	2♎26	27°53	21° 2	28° 1	26°56	9°51	0°18	25°54	6°55	5°42	6°57	18°36	29°25	S 23
S 24	16 27 39	7°32'40	16°21	29°25	21°56	28°36	26°59	9°48	0°20	25°53	6°53	5°37	6°53	18°43	29°30	S 24
M25	16 31 35	8°29'54	0♏46	0♋55	22°51	29°11	27° 3	9°44	0°23	25°52	6°52	5°30	6°50	18°50	29°36	M25
T 26	16 35 32	9°27'07	15°36	2°22	23°47	29°47	27° 6	9°40	0°26	25°51	6°50	5°22	6°47	18°56	29°42	T 26
W27	16 39 29	10°24'20	0♐44	3°47	24°43	0♌22	27° 9	9°37	0°29	25°50	6°49	5°14	6°44	19° 3	29°47	W27
T 28	16 43 25	11°21'32	16° 0	5° 8	25°39	0°58	27°11	9°33	0°32	25°49	6°47	5° 6	6°41	19°10	29°53	T 28
F 29	16 47 22	12°18'44	1♑14	6°27	26°36	1°34	27°14	9°30	0°35	25°48	6°45	5° 1	6°38	19°16	29°59	F 29
S 30	16 51 18	13°15'56	16°16	7°43	27°33	2° 9	27°16	9°27	0°37	25°47	6°44	4°57	6°34	19°23	0♌ 5	S 30
S 31	16 55 15	14♊13'07	0♒57	8♋56	28♈30	2♌45	27♒19	9♏23	0♉40	25♑46	6♐42	4°D56	6♌31	19♊30	0♌11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n35	19s48	3n33	16n24	0n 8	1n18	0s20	24n17	1n36	14s 9	0s55	12s57	2n30	10n47	0s29	20s49	0n13	12s39	9n 8	18n30	18n20	18n48	14n44	6s 7
S 2	16 51	20 50	2 32	17 12	0 18	1 25	0 28	24 12	1 35	14 6	0 55	12 55	2 30	10 48	0 29	20 50	0 13	12 39	9 8	18 32	18 21	18 50	14 44	6 6
S 3	17 8	20 28	1 22	17 59	0 29	1 33	0 35	24 8	1 35	14 4	0 55	12 54	2 30	10 49	0 29	20 50	0 13	12 39	9 8	18 32	18 22	18 51	14 44	6 5
M 4	17 24	18 48	0 8	18 45	0 39	1 42	0 43	24 3	1 34	14 2	0 56	12 53	2 30	10 50	0 29	20 50	0 13	12 38	9 8	18 32	18 23	18 52	14 44	6 5
T 5	17 40	16 5	1s 4	19 28	0 49	1 51	0 50	23 58	1 34	14 0	0 56	12 51	2 30	10 51	0 29	20 50	0 13	12 38	9 8	18 32	18 23	18 53	14 44	6 4
W 6	17 55	12 34	2 11	20 10	0 58	2 1	0 57	23 53	1 34	13 58	0 56	12 50	2 30	10 52	0 29	20 50	0 13	12 38	9 8	18 33	18 24	18 54	14 43	6 4
T 7	18 11	8 31	3 9	20 49	1 7	2 12	1 4	23 48	1 33	13 56	0 57	12 49	2 30	10 54	0 29	20 50	0 13	12 38	9 8	18 33	18 25	18 56	14 43	6 3
F 8	18 26	4 11	3 56	21 27	1 16	2 23	1 11	23 42	1 33	13 54	0 57	12 48	2 30	10 55	0 29	20 50	0 13	12 38	9 8	18 34	18 26	18 57	14 43	6 3
S 9	18 40	0n16	4 32	22 1	1 24	2 34	1 17	23 37	1 32	13 53	0 57	12 46	2 30	10 56	0 29	20 50	0 13	12 37	9 8	18 36	18 27	18 58	14 42	6 2
S 10	18 55	4 38	4 53	22 33	1 32	2 47	1 23	23 31	1 32	13 51	0 57	12 45	2 30	10 57	0 29	20 50	0 13	12 37	9 8	18 39	18 28	18 59	14 42	6 2
M11	19 9	8 46	5 1	23 3	1 38	2 59	1 29	23 25	1 31	13 49	0 58	12 44	2 30	10 58	0 29	20 50	0 13	12 37	9 8	18 42	18 28	19 0	14 42	6 1
T 12	19 22	12 30	4 56	23 30	1 45	3 13	1 34	23 19	1 31	13 48	0 58	12 43	2 29	10 59	0 29	20 50	0 13	12 37	9 8	18 45	18 29	19 2	14 41	6 0
W13	19 36	15 42	4 37	23 54	1 50	3 26	1 40	23 13	1 30	13 46	0 58	12 42	2 29	11 0	0 29	20 51	0 13	12 36	9 8	18 48	18 30	19 3	14 41	6 0
T 14	19 49	18 15	4 6	24 15	1 55	3 40	1 45	23 7	1 30	13 44	0 58	12 40	2 29	11 2	0 29	20 51	0 13	12 36	9 8	18 51	18 31	19 4	14 40	5 59
F 15	20 2	20 0	3 25	24 34	1 59	3 55	1 50	23 0	1 29	13 43	0 59	12 39	2 29	11 3	0 29	20 51	0 13	12 36	9 8	18 53	18 32	19 5	14 40	5 59
S 16	20 14	20 53	2 35	24 50	2 2	4 10	1 54	22 54	1 29	13 42	0 59	12 38	2 29	11 4	0 29	20 51	0 13	12 36	9 8	18 55	18 32	19 6	14 39	5 58
S 17	20 26	20 51	1 37	25 4	2 5	4 25	1 59	22 47	1 28	13 40	0 59	12 37	2 29	11 5	0 29	20 51	0 13	12 36	9 8	18 56	18 33	19 7	14 39	5 58
M18	20 38	19 52	0 36	25 15	2 7	4 41	2 3	22 40	1 28	13 39	1 0	12 36	2 29	11 6	0 29	20 51	0 13	12 36	9 8	18 56	18 34	19 9	14 38	5 57
T 19	20 49	17 59	0n29	25 24	2 8	4 57	2 7	22 33	1 27	13 38	1 0	12 35	2 29	11 7	0 29	20 51	0 13	12 35	9 8	18 56	18 35	19 10	14 38	5 57
W20	21 0	15 15	1 33	25 31	2 8	5 13	2 11	22 26	1 27	13 36	1 0	12 34	2 28	11 8	0 29	20 52	0 13	12 35	9 8	18 56	18 36	19 11	14 37	5 56
T 21	21 11	11 45	2 35	25 35	2 8	5 30	2 15	22 19	1 27	13 35	1 0	12 32	2 28	11 9	0 29	20 52	0 13	12 35	9 8	18 56	18 36	19 12	14 37	5 56
F 22	21 21	7 36	3 30	25 37	2 7	5 47	2 18	22 12	1 26	13 34	1 1	12 31	2 28	11 10	0 29	20 52	0 13	12 35	9 8	18 56	18 37	19 13	14 36	5 56
S 23	21 31	2 56	4 16	25 38	2 5	6 4	2 21	22 4	1 26	13 33	1 1	12 30	2 28	11 11	0 29	20 52	0 13	12 35	9 8	18 57	18 38	19 14	14 35	5 55
S 24	21 41	2s 1	4 49	25 36	2 2	6 22	2 24	21 56	1 25	13 32	1 1	12 29	2 28	11 12	0 29	20 52	0 13	12 35	9 7	18 58	18 39	19 15	14 35	5 55
M25	21 50	7 3	5 5	25 32	1 59	6 39	2 27	21 48	1 25	13 31	1 2	12 28	2 28	11 13	0 29	20 52	0 13	12 34	9 7	19 0	18 40	19 17	14 34	5 54
T 26	21 59	11 48	5 1	25 27	1 55	6 57	2 30	21 40	1 24	13 31	1 2	12 27	2 27	11 14	0 29	20 53	0 13	12 34	9 7	19 2	18 40	19 18	14 33	5 54
W27	22 8	15 54	4 36	25 20	1 50	7 15	2 32	21 32	1 24	13 30	1 2	12 26	2 27	11 15	0 29	20 53	0 13	12 34	9 7	19 4	18 41	19 19	14 33	5 53
T 28	22 16	18 59	3 52	25 12	1 44	7 34	2 35	21 24	1 23	13 29	1 2	12 26	2 27	11 16	0 29	20 53	0 13	12 34	9 7	19 5	18 42	19 20	14 32	5 53
F 29	22 23	20 43	2 51	25 3	1 38	7 52	2 37	21 16	1 23	13 29	1 3	12 25	2 27	11 17	0 29	20 53	0 13	12 34	9 7	19 7	18 43	19 21	14 31	5 52
S 30	22 31	20 56	1 39	24 52	1 31	8 11	2 39	21 7	1 22	13 28	1 3	12 24	2 27	11 18	0 29	20 53	0 13	12 34	9 7	19 8	18 44	19 22	14 30	5 52
S 31	22n38	19s42	0n21	24n40	1n24	8n30	2s41	20n58	1n22	13s28	1s 3	12s23	2n27	11n19	0s29	20s54	0n13	12s34	9n 7	19n 8	18n44	19n23	14n29	5s52

Julian Day Number = 2091176.5, Delta T = 23m19s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'17, Lahiri = 10°06'17 Julian Calendar 1 May 1013 == Greg. Calendar 7 May 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

JUNE 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 59 11	15♊10'18	15♒13	10♋ 6	29♈28	3♌21	27♒21	9°R20	0♉43	25°R44	6°R41	4♌56	6♌28	19♊37	0♌17	M 1
T 2	17 3 8	16° 7'29	29° 3	11°14	0♉27	3°57	27°23	9♏17	0°46	25♑43	6♐39	4°57	6°25	19°43	0°23	T 2
W 3	17 7 4	17° 4'39	12♓28	12°18	1°26	4°33	27°24	9°14	0°48	25°42	6°38	4°R58	6°22	19°50	0°29	W 3
T 4	17 11 1	18° 1'50	25°29	13°19	2°25	5° 8	27°26	9°11	0°51	25°41	6°36	4°58	6°18	19°57	0°35	T 4
F 5	17 14 58	18°59'00	8♈12	14°16	3°24	5°44	27°27	9° 8	0°53	25°40	6°34	4°56	6°15	20° 3	0°41	F 5
S 6	17 18 54	19°56'11	20°38	15°10	4°24	6°20	27°28	9° 5	0°56	25°38	6°33	4°52	6°12	20°10	0°48	S 6
S 7	17 22 51	20°53'22	2♉51	16° 1	5°24	6°56	27°29	9° 2	0°59	25°37	6°31	4°47	6° 9	20°17	0°54	S 7
M 8	17 26 47	21°50'33	14°55	16°49	6°25	7°33	27°30	9° 0	1° 1	25°36	6°30	4°40	6° 6	20°23	1° 0	M 8
T 9	17 30 44	22°47'43	26°52	17°32	7°26	8° 9	27°30	8°57	1° 3	25°35	6°28	4°32	6° 3	20°30	1° 7	T 9
W10	17 34 40	23°44'54	8♊45	18°12	8°27	8°45	27°30	8°55	1° 6	25°33	6°27	4°25	5°59	20°37	1°13	W10
T 11	17 38 37	24°42'05	20°35	18°48	9°28	9°21	27°R30	8°52	1° 8	25°32	6°25	4°18	5°56	20°43	1°20	T 11
F 12	17 42 33	25°39'16	2♋24	19°20	10°30	9°57	27°30	8°50	1°11	25°31	6°24	4°12	5°53	20°50	1°26	F 12
S 13	17 46 30	26°36'27	14°15	19°47	11°32	10°34	27°30	8°48	1°13	25°29	6°22	4° 9	5°50	20°57	1°33	S 13
S 14	17 50 27	27°33'37	26° 8	20°11	12°34	11°10	27°30	8°45	1°15	25°28	6°21	4° 7	5°47	21° 3	1°40	S 14
M15	17 54 23	28°30'48	8♌ 8	20°29	13°37	11°46	27°29	8°43	1°17	25°27	6°19	4°D 7	5°44	21°10	1°47	M15
T 16	17 58 20	29°27'59	20°17	20°44	14°39	12°23	27°28	8°41	1°20	25°25	6°18	4° 8	5°40	21°17	1°53	T 16
W17	18 2 16	0♋25'09	2♍39	20°54	15°42	12°59	27°27	8°39	1°22	25°24	6°17	4° 9	5°37	21°23	2° 0	W17
T 18	18 6 13	1°22'19	15°16	20°59	16°46	13°36	27°26	8°37	1°24	25°22	6°15	4°11	5°34	21°30	2° 7	T 18
F 19	18 10 9	2°19'30	28°15	20°R59	17°49	14°12	27°24	8°36	1°26	25°21	6°14	4°R11	5°31	21°37	2°14	F 19
S 20	18 14 6	3°16'40	11♎36	20°55	18°53	14°49	27°23	8°34	1°28	25°19	6°12	4°11	5°28	21°44	2°21	S 20
S 21	18 18 2	4°13'50	25°24	20°46	19°56	15°26	27°21	8°32	1°30	25°18	6°11	4°10	5°24	21°50	2°28	S 21
M22	18 21 59	5°11'00	9♏38	20°32	21° 1	16° 2	27°19	8°31	1°32	25°16	6°10	4° 7	5°21	21°57	2°35	M22
T 23	18 25 56	6° 8'10	24°17	20°14	22° 5	16°39	27°17	8°29	1°34	25°15	6° 8	4° 4	5°18	22° 4	2°42	T 23
W24	18 29 52	7° 5'21	9♐15	19°51	23° 9	17°16	27°14	8°28	1°36	25°13	6° 7	4° 0	5°15	22°10	2°49	W24
T 25	18 33 49	8° 2'31	24°24	19°24	24°14	17°52	27°12	8°27	1°38	25°12	6° 6	3°57	5°12	22°17	2°56	T 25
F 26	18 37 45	8°59'42	9♑36	18°54	25°19	18°29	27° 9	8°26	1°39	25°10	6° 5	3°54	5° 9	22°24	3° 3	F 26
S 27	18 41 42	9°56'54	24°40	18°20	26°24	19° 6	27° 6	8°25	1°41	25° 9	6° 3	3°53	5° 5	22°30	3°10	S 27
S 28	18 45 38	10°54'06	9♒27	17°44	27°29	19°43	27° 3	8°24	1°43	25° 7	6° 2	3°D53	5° 2	22°37	3°17	S 28
M29	18 49 35	11°51'19	23°52	17° 5	28°35	20°20	26°59	8°23	1°44	25° 6	6° 1	3°54	4°59	22°44	3°24	M29
T 30	18 53 31	12♋48'32	7♓51	16♋25	29♉41	20♌57	26♒56	8♏22	1♉46	25♑ 4	6♐ 0	3♌55	4♌56	22♊50	3♌32	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n44	17s14	0s55	24n26	1n16	8n49	2s43	20n50	1n21	13s27	1s 4	12s22	2n26	11n20	0s29	20s54	0n13	12s33	9n 6	19n 8	18n45	19n24	14n29	5s51
T 2	22 50	13 50	2 6	24 12	1 7	9 8	2 44	20 41	1 21	13 27	1 4	12 21	2 26	11 21	0 29	20 54	0 13	12 33	9 6	19 8	18 46	19 26	14 28	5 51
W 3	22 56	9 49	3 8	23 57	0 58	9 27	2 46	20 32	1 20	13 27	1 4	12 21	2 26	11 22	0 29	20 54	0 13	12 33	9 6	19 7	18 47	19 27	14 27	5 50
T 4	23 1	5 27	3 59	23 41	0 48	9 46	2 47	20 22	1 20	13 26	1 5	12 20	2 26	11 23	0 29	20 54	0 13	12 33	9 6	19 7	18 48	19 28	14 26	5 50
F 5	23 6	0 57	4 36	23 25	0 37	10 5	2 48	20 13	1 19	13 26	1 5	12 19	2 26	11 24	0 29	20 55	0 13	12 33	9 6	19 8	18 48	19 29	14 25	5 50
S 6	23 11	3n29	4 59	23 8	0 26	10 24	2 49	20 4	1 19	13 26	1 5	12 18	2 25	11 25	0 29	20 55	0 13	12 33	9 6	19 9	18 49	19 30	14 24	5 49
S 7	23 15	7 42	5 8	22 51	0 15	10 44	2 50	19 54	1 19	13 26	1 5	12 18	2 25	11 25	0 29	20 55	0 13	12 33	9 5	19 10	18 50	19 31	14 23	5 49
M 8	23 19	11 33	5 4	22 33	0 3	11 3	2 50	19 44	1 18	13 26	1 6	12 17	2 25	11 26	0 29	20 55	0 13	12 33	9 5	19 12	18 51	19 32	14 22	5 49
T 9	23 22	14 55	4 46	22 15	0s10	11 22	2 51	19 34	1 18	13 26	1 6	12 16	2 25	11 27	0 29	20 56	0 13	12 33	9 5	19 14	18 52	19 33	14 21	5 48
W10	23 25	17 40	4 16	21 56	0 23	11 42	2 51	19 24	1 17	13 26	1 6	12 16	2 24	11 28	0 29	20 56	0 13	12 33	9 5	19 16	18 52	19 34	14 20	5 48
T 11	23 28	19 40	3 34	21 38	0 37	12 1	2 51	19 14	1 17	13 27	1 7	12 15	2 24	11 29	0 29	20 56	0 13	12 33	9 5	19 17	18 53	19 35	14 19	5 47
F 12	23 30	20 49	2 44	21 20	0 51	12 20	2 51	19 4	1 16	13 27	1 7	12 15	2 24	11 30	0 29	20 56	0 13	12 33	9 5	19 18	18 54	19 37	14 18	5 47
S 13	23 31	21 2	1 46	21 2	1 5	12 39	2 51	18 54	1 16	13 27	1 7	12 14	2 24	11 30	0 29	20 57	0 13	12 33	9 4	19 19	18 55	19 38	14 17	5 47
S 14	23 33	20 19	0 43	20 44	1 20	12 58	2 51	18 43	1 15	13 28	1 8	12 14	2 24	11 31	0 29	20 57	0 13	12 33	9 4	19 20	18 56	19 39	14 16	5 46
M15	23 33	18 41	0n22	20 26	1 35	13 17	2 51	18 33	1 15	13 28	1 8	12 13	2 23	11 32	0 29	20 57	0 13	12 33	9 4	19 20	18 56	19 40	14 14	5 46
T 16	23 34	16 11	1 27	20 9	1 50	13 36	2 50	18 22	1 14	13 29	1 8	12 13	2 23	11 33	0 29	20 57	0 13	12 33	9 4	19 20	18 57	19 41	14 13	5 46
W17	23 34	12 55	2 30	19 53	2 5	13 55	2 50	18 11	1 14	13 29	1 8	12 12	2 23	11 33	0 29	20 58	0 13	12 32	9 3	19 19	18 58	19 42	14 12	5 46
T 18	23 34	9 0	3 26	19 37	2 20	14 14	2 49	18 0	1 13	13 30	1 9	12 12	2 23	11 34	0 29	20 58	0 13	12 32	9 3	19 19	18 59	19 43	14 11	5 45
F 19	23 33	4 35	4 14	19 22	2 35	14 32	2 49	17 49	1 13	13 31	1 9	12 12	2 22	11 35	0 29	20 58	0 13	12 32	9 3	19 19	18 59	19 44	14 10	5 45
S 20	23 31	0s10	4 50	19 8	2 50	14 50	2 48	17 38	1 12	13 32	1 9	12 11	2 22	11 36	0 29	20 59	0 13	12 32	9 3	19 19	19 0	19 45	14 8	5 45
S 21	23 30	5 4	5 10	18 54	3 5	15 9	2 47	17 26	1 12	13 33	1 10	12 11	2 22	11 36	0 29	20 59	0 13	12 33	9 3	19 19	19 1	19 46	14 7	5 44
M22	23 28	9 50	5 12	18 42	3 19	15 26	2 46	17 15	1 11	13 34	1 10	12 11	2 22	11 37	0 29	20 59	0 13	12 33	9 2	19 20	19 2	19 47	14 6	5 44
T 23	23 25	14 11	4 54	18 31	3 33	15 44	2 44	17 3	1 11	13 35	1 10	12 11	2 21	11 38	0 29	20 59	0 13	12 33	9 2	19 21	19 3	19 48	14 5	5 44
W24	23 22	17 44	4 16	18 22	3 46	16 2	2 43	16 52	1 10	13 36	1 10	12 10	2 21	11 38	0 29	21 0	0 13	12 33	9 2	19 21	19 3	19 49	14 3	5 44
T 25	23 19	20 7	3 20	18 13	3 58	16 19	2 42	16 40	1 10	13 37	1 11	12 10	2 21	11 39	0 29	21 0	0 13	12 33	9 2	19 22	19 4	19 50	14 2	5 43
F 26	23 16	21 4	2 10	18 6	4 10	16 36	2 40	16 28	1 9	13 38	1 11	12 10	2 21	11 39	0 29	21 0	0 13	12 33	9 1	19 23	19 5	19 51	14 1	5 43
S 27	23 11	20 29	0 51	18 0	4 20	16 53	2 39	16 16	1 9	13 40	1 11	12 10	2 20	11 40	0 29	21 1	0 13	12 33	9 1	19 23	19 6	19 52	13 59	5 43
S 28	23 7	18 28	0s31	17 56	4 29	17 9	2 37	16 4	1 8	13 41	1 12	12 10	2 20	11 41	0 29	21 1	0 13	12 33	9 1	19 23	19 6	19 53	13 58	5 43
M29	23 2	15 20	1 48	17 54	4 37	17 25	2 35	15 52	1 8	13 42	1 12	12 10	2 20	11 41	0 29	21 1	0 13	12 33	9 0	19 23	19 7	19 54	13 56	5 43
T 30	22n57	11s24	2s57	17n52	4s43	17n41	2s33	15n39	1n 7	13s44	1s12	12s10	2n20	11n42	0s29	21s 1	0n13	12s33	9n 0	19n23	19n 8	19n55	13n55	5s42

Julian Day Number = 2091207.5, Delta T = 23m19s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'21, Lahiri = 10°06'21 Julian Calendar 1 June 1013 == Greg. Calendar 7 June 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

JULY 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 57 28	13♋45'46	21♓24	15°R43	0♊46	21♌34	26°R52	8°R22	1♉48	25°R 2	5°R58	3♌56	4♌53	22♊57	3♌39	W 1
T 2	19 1 25	14°43'01	4♈30	15♋ 1	1°52	22°11	26♒48	8♏21	1°49	25♑ 1	5♐57	3°57	4°50	23° 4	3°46	T 2
F 3	19 5 21	15°40'17	17°15	14°20	2°59	22°48	26°44	8°21	1°51	24°59	5°56	3°R58	4°46	23°10	3°54	F 3
S 4	19 9 18	16°37'34	29°40	13°40	4° 5	23°25	26°40	8°20	1°52	24°58	5°55	3°57	4°43	23°17	4° 1	S 4
S 5	19 13 14	17°34'52	11♉51	13° 1	5°11	24° 3	26°36	8°20	1°53	24°56	5°54	3°56	4°40	23°24	4° 8	S 5
M 6	19 17 11	18°32'11	23°51	12°26	6°18	24°40	26°31	8°20	1°55	24°54	5°53	3°54	4°37	23°30	4°16	M 6
T 7	19 21 7	19°29'31	5♊44	11°53	7°25	25°17	26°27	8°D20	1°56	24°53	5°52	3°52	4°34	23°37	4°23	T 7
W 8	19 25 4	20°26'51	17°34	11°25	8°32	25°54	26°22	8°20	1°57	24°51	5°51	3°50	4°30	23°44	4°31	W 8
T 9	19 29 0	21°24'13	29°23	11° 1	9°39	26°32	26°17	8°20	1°59	24°50	5°50	3°48	4°27	23°50	4°38	T 9
F 10	19 32 57	22°21'36	11♋15	10°42	10°46	27° 9	26°11	8°20	2° 0	24°48	5°49	3°47	4°24	23°57	4°46	F 10
S 11	19 36 54	23°19'00	23°11	10°29	11°54	27°47	26° 6	8°20	2° 1	24°46	5°48	3°46	4°21	24° 4	4°53	S 11
S 12	19 40 50	24°16'25	5♌13	10°21	13° 1	28°24	26° 1	8°21	2° 2	24°45	5°47	3°D46	4°18	24°11	5° 1	S 12
M13	19 44 47	25°13'50	17°24	10°D20	14° 9	29° 2	25°55	8°21	2° 3	24°43	5°46	3°46	4°15	24°17	5° 8	M13
T 14	19 48 43	26°11'17	29°45	10°24	15°17	29°39	25°49	8°22	2° 4	24°41	5°45	3°46	4°11	24°24	5°16	T 14
W15	19 52 40	27° 8'44	12♍19	10°35	16°25	0♍17	25°43	8°23	2° 5	24°40	5°44	3°47	4° 8	24°31	5°23	W15
T 16	19 56 36	28° 6'12	25° 7	10°53	17°33	0°55	25°37	8°23	2° 6	24°38	5°44	3°48	4° 5	24°37	5°31	T 16
F 17	20 0 33	29° 3'41	8♎11	11°17	18°41	1°32	25°31	8°24	2° 7	24°37	5°43	3°48	4° 2	24°44	5°38	F 17
S 18	20 4 29	0♌ 1'10	21°34	11°48	19°49	2°10	25°25	8°25	2° 7	24°35	5°42	3°48	3°59	24°51	5°46	S 18
S 19	20 8 26	0°58'41	5♏18	12°26	20°58	2°48	25°18	8°26	2° 8	24°33	5°41	3°R48	3°56	24°57	5°54	S 19
M20	20 12 23	1°56'12	19°21	13°10	22° 7	3°26	25°12	8°28	2° 9	24°32	5°41	3°48	3°52	25° 4	6° 1	M20
T 21	20 16 19	2°53'44	3♐43	14° 1	23°15	4° 4	25° 5	8°29	2° 9	24°30	5°40	3°48	3°49	25°11	6° 9	T 21
W22	20 20 16	3°51'18	18°22	14°58	24°24	4°42	24°58	8°30	2°10	24°29	5°39	3°D48	3°46	25°17	6°16	W22
T 23	20 24 12	4°48'52	3♑12	16° 1	25°33	5°20	24°51	8°32	2°11	24°27	5°39	3°48	3°43	25°24	6°24	T 23
F 24	20 28 9	5°46'28	18° 6	17°10	26°42	5°58	24°44	8°33	2°11	24°25	5°38	3°48	3°40	25°31	6°32	F 24
S 25	20 32 5	6°44'04	2♒58	18°25	27°51	6°36	24°37	8°35	2°11	24°24	5°38	3°R49	3°36	25°37	6°39	S 25
S 26	20 36 2	7°41'42	17°38	19°45	29° 1	7°14	24°30	8°37	2°12	24°22	5°37	3°48	3°33	25°44	6°47	S 26
M27	20 39 59	8°39'21	2♓ 2	21°11	0♋10	7°52	24°23	8°39	2°12	24°21	5°37	3°48	3°30	25°51	6°55	M27
T 28	20 43 55	9°37'02	16° 4	22°42	1°19	8°30	24°15	8°41	2°12	24°19	5°36	3°48	3°27	25°57	7° 2	T 28
W29	20 47 52	10°34'44	29°41	24°17	2°29	9° 8	24° 8	8°43	2°13	24°18	5°36	3°47	3°24	26° 4	7°10	W29
T 30	20 51 48	11°32'28	12♈52	25°56	3°39	9°46	24° 0	8°45	2°13	24°16	5°35	3°46	3°21	26°11	7°17	T 30
F 31	20 55 45	12♌30'13	25♈41	27♋39	4♋49	10♍25	23♒53	8♏47	2♉13	24♑14	5♐35	3♌45	3♌17	26♊17	7♌25	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	22n51	7s 0	3s53	17n53	4s47	17n57	2s31	15n27	1n 7	13s45	1s12	12s10	2n19	11n42	0s29	21s 2	0n13	12s33	9n 0	19n22	19n 9	19n56	13n53	5s42	W 1
T 2	22 45	2 24	4 35	17 54	4 50	18 12	2 29	15 14	1 6	13 47	1 13	12 10	2 19	11 43	0 29	21 2	0 13	12 33	9 0	19 22	19 10	19 57	13 52	5 42	T 2
F 3	22 38	2n 9	5 3	17 58	4 51	18 27	2 27	15 2	1 6	13 49	1 13	12 10	2 19	11 43	0 29	21 2	0 13	12 33	8 59	19 22	19 10	19 58	13 50	5 42	F 3
S 4	22 31	6 30	5 15	18 2	4 51	18 42	2 25	14 49	1 6	13 50	1 13	12 10	2 19	11 44	0 29	21 3	0 13	12 33	8 59	19 22	19 11	19 59	13 49	5 42	S 4
S 5	22 24	10 30	5 13	18 8	4 49	18 56	2 23	14 36	1 5	13 52	1 14	12 11	2 18	11 44	0 29	21 3	0 13	12 33	8 59	19 22	19 12	20 0	13 47	5 41	S 5
M 6	22 17	14 2	4 57	18 16	4 45	19 10	2 21	14 23	1 5	13 54	1 14	12 11	2 18	11 45	0 29	21 3	0 13	12 34	8 58	19 23	19 13	20 1	13 46	5 41	M 6
T 7	22 8	16 58	4 29	18 24	4 39	19 23	2 18	14 10	1 4	13 56	1 14	12 11	2 18	11 45	0 29	21 4	0 13	12 34	8 58	19 23	19 13	20 2	13 44	5 41	T 7
W 8	22 0	19 11	3 49	18 34	4 32	19 36	2 16	13 57	1 4	13 58	1 14	12 11	2 18	11 45	0 29	21 4	0 13	12 34	8 58	19 24	19 14	20 3	13 43	5 41	W 8
T 9	21 51	20 35	2 59	18 44	4 23	19 49	2 13	13 43	1 3	14 0	1 15	12 11	2 17	11 46	0 29	21 4	0 13	12 34	8 57	19 24	19 15	20 4	13 41	5 41	T 9
F 10	21 42	21 4	2 2	18 56	4 13	20 1	2 11	13 30	1 3	14 2	1 15	12 12	2 17	11 46	0 29	21 4	0 13	12 34	8 57	19 25	19 16	20 5	13 40	5 41	F 10
S 11	21 32	20 36	0 58	19 8	4 2	20 13	2 8	13 17	1 2	14 4	1 15	12 12	2 17	11 47	0 29	21 5	0 13	12 34	8 57	19 25	19 16	20 6	13 38	5 41	S 11
S 12	21 22	19 12	0n 8	19 20	3 50	20 25	2 5	13 3	1 2	14 6	1 15	12 13	2 16	11 47	0 29	21 5	0 13	12 34	8 57	19 25	19 17	20 7	13 36	5 41	S 12
M13	21 12	16 53	1 15	19 34	3 37	20 35	2 3	12 50	1 1	14 8	1 16	12 13	2 16	11 47	0 29	21 5	0 13	12 35	8 56	19 25	19 18	20 8	13 35	5 40	M13
T 14	21 1	13 47	2 19	19 47	3 23	20 46	2 0	12 36	1 1	14 10	1 16	12 13	2 16	11 48	0 29	21 6	0 12	12 35	8 56	19 25	19 19	20 9	13 33	5 40	T 14
W15	20 50	10 1	3 18	20 1	3 8	20 56	1 57	12 22	1 0	14 12	1 16	12 14	2 16	11 48	0 29	21 6	0 12	12 35	8 56	19 24	19 19	20 10	13 31	5 40	W15
T 16	20 39	5 45	4 8	20 15	2 53	21 5	1 54	12 8	1 0	14 15	1 16	12 14	2 15	11 48	0 29	21 6	0 12	12 35	8 55	19 24	19 20	20 11	13 29	5 40	T 16
F 17	20 27	1 7	4 46	20 28	2 37	21 14	1 51	11 54	0 59	14 17	1 17	12 15	2 15	11 49	0 29	21 7	0 12	12 35	8 55	19 24	19 21	20 12	13 28	5 40	F 17
S 18	20 15	3s39	5 10	20 42	2 21	21 23	1 48	11 40	0 59	14 19	1 17	12 15	2 15	11 49	0 30	21 7	0 12	12 36	8 55	19 24	19 22	20 13	13 26	5 40	S 18
S 19	20 3	8 22	5 17	20 54	2 5	21 31	1 45	11 26	0 58	14 22	1 17	12 16	2 15	11 49	0 30	21 7	0 12	12 36	8 54	19 24	19 22	20 14	13 24	5 40	S 19
M20	19 50	12 45	5 6	21 6	1 49	21 38	1 42	11 12	0 58	14 24	1 17	12 17	2 14	11 49	0 30	21 7	0 12	12 36	8 54	19 24	19 23	20 15	13 22	5 40	M20
T 21	19 37	16 30	4 35	21 17	1 33	21 45	1 39	10 57	0 57	14 27	1 17	12 17	2 14	11 49	0 30	21 8	0 12	12 36	8 53	19 24	19 24	20 16	13 21	5 40	T 21
W22	19 23	19 17	3 47	21 27	1 17	21 51	1 36	10 43	0 57	14 29	1 18	12 18	2 14	11 50	0 30	21 8	0 12	12 37	8 53	19 24	19 25	20 17	13 19	5 40	W22
T 23	19 10	20 50	2 42	21 35	1 2	21 57	1 33	10 29	0 56	14 32	1 18	12 19	2 14	11 50	0 30	21 8	0 12	12 37	8 53	19 24	19 25	20 18	13 17	5 40	T 23
F 24	18 56	20 55	1 26	21 42	0 46	22 2	1 29	10 14	0 56	14 34	1 18	12 20	2 13	11 50	0 30	21 9	0 12	12 37	8 52	19 24	19 26	20 18	13 15	5 40	F 24
S 25	18 41	19 31	0 5	21 47	0 31	22 7	1 26	9 59	0 55	14 37	1 18	12 20	2 13	11 50	0 30	21 9	0 12	12 37	8 52	19 24	19 27	20 19	13 13	5 40	S 25
S 26	18 27	16 50	1s16	21 49	0 17	22 11	1 23	9 45	0 55	14 39	1 18	12 21	2 13	11 50	0 30	21 9	0 12	12 38	8 52	19 24	19 28	20 20	13 11	5 40	S 26
M27	18 12	13 9	2 30	21 50	0 3	22 14	1 20	9 30	0 54	14 42	1 19	12 22	2 13	11 50	0 30	21 10	0 12	12 38	8 51	19 24	19 28	20 21	13 10	5 40	M27
T 28	17 56	8 48	3 34	21 49	0n10	22 17	1 16	9 15	0 53	14 45	1 19	12 23	2 12	11 50	0 30	21 10	0 12	12 38	8 51	19 24	19 29	20 22	13 8	5 40	T 28
W29	17 41	4 9	4 23	21 45	0 23	22 20	1 13	9 0	0 53	14 47	1 19	12 24	2 12	11 50	0 30	21 10	0 12	12 38	8 51	19 25	19 30	20 23	13 6	5 40	W29
T 30	17 25	0n34	4 56	21 38	0 34	22 21	1 10	8 45	0 52	14 50	1 19	12 25	2 12	11 50	0 30	21 10	0 12	12 39	8 50	19 25	19 31	20 24	13 4	5 40	T 30
F 31	17n 9	5n 6	5s14	21n29	0n45	22n23	1s 6	8n30	0n52	14s53	1s19	12s26	2n11	11n50	0s30	21s11	0n12	12s39	8n50	19n25	19n31	20n25	13n 2	5s40	F 31

Julian Day Number = 2091237.5, Delta T = 23m19s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'25, Lahiri = 10°06'25 Julian Calendar 1 July 1013 == Greg. Calendar 7 July 1013

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1013
geocentric

AUGUST 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 59 41	13♌28'00	8♉ 9	29♋26	5♋59	11♍ 3	23°R45	8♏49	2♉13	24°R13	5°R34	3°D45	3♌14	26♊24	7♌33	S 1
S 2	21 3 38	14°25'49	20°20	1♌15	7° 9	11°41	23♒37	8°52	2°R13	24♑11	5♐34	3♌45	3°11	26°31	7°40	S 2
M 3	21 7 34	15°23'40	2♊20	3° 7	8°19	12°20	23°30	8°54	2°13	24°10	5°34	3°45	3° 8	26°37	7°48	M 3
T 4	21 11 31	16°21'33	14°12	5° 1	9°29	12°58	23°22	8°57	2°13	24° 8	5°34	3°46	3° 5	26°44	7°56	T 4
W 5	21 15 27	17°19'27	26° 2	6°56	10°40	13°37	23°14	8°59	2°13	24° 7	5°33	3°48	3° 2	26°51	8° 3	W 5
T 6	21 19 24	18°17'23	7♋52	8°53	11°50	14°16	23° 6	9° 2	2°13	24° 5	5°33	3°49	2°58	26°57	8°11	T 6
F 7	21 23 21	19°15'21	19°48	10°51	13° 1	14°54	22°58	9° 5	2°13	24° 4	5°33	3°50	2°55	27° 4	8°18	F 7
S 8	21 27 17	20°13'21	1♌51	12°49	14°11	15°33	22°51	9° 8	2°12	24° 3	5°33	3°R50	2°52	27°11	8°26	S 8
S 9	21 31 14	21°11'22	14° 5	14°48	15°22	16°12	22°43	9°11	2°12	24° 1	5°33	3°50	2°49	27°17	8°33	S 9
M10	21 35 10	22° 9'26	26°31	16°46	16°33	16°50	22°35	9°14	2°12	24° 0	5°33	3°49	2°46	27°24	8°41	M10
T 11	21 39 7	23° 7'30	9♍11	18°44	17°44	17°29	22°27	9°17	2°11	23°58	5°33	3°47	2°42	27°31	8°49	T 11
W12	21 43 3	24° 5'37	22° 4	20°42	18°55	18° 8	22°19	9°21	2°11	23°57	5°D33	3°44	2°39	27°37	8°56	W12
T 13	21 47 0	25° 3'44	5♎11	22°40	20° 6	18°47	22°11	9°24	2°10	23°56	5°33	3°41	2°36	27°44	9° 4	T 13
F 14	21 50 56	26° 1'54	18°32	24°36	21°17	19°26	22° 3	9°27	2°10	23°54	5°33	3°38	2°33	27°51	9°11	F 14
S 15	21 54 53	27° 0'05	2♏ 6	26°32	22°29	20° 5	21°55	9°31	2° 9	23°53	5°33	3°35	2°30	27°57	9°19	S 15
S 16	21 58 50	27°58'17	15°53	28°27	23°40	20°44	21°47	9°35	2° 8	23°52	5°33	3°34	2°27	28° 4	9°26	S 16
M17	22 2 46	28°56'32	29°52	0♍21	24°52	21°23	21°39	9°38	2° 8	23°51	5°33	3°D33	2°23	28°11	9°33	M17
T 18	22 6 43	29°54'47	14♐ 2	2°13	26° 3	22° 2	21°32	9°42	2° 7	23°49	5°33	3°34	2°20	28°17	9°41	T 18
W19	22 10 39	0♍53'04	28°21	4° 5	27°15	22°41	21°24	9°46	2° 6	23°48	5°34	3°35	2°17	28°24	9°48	W19
T 20	22 14 36	1°51'23	12♑47	5°56	28°27	23°20	21°16	9°50	2° 5	23°47	5°34	3°37	2°14	28°31	9°56	T 20
F 21	22 18 32	2°49'44	27°16	7°46	29°38	24° 0	21° 9	9°54	2° 4	23°46	5°34	3°R38	2°11	28°37	10° 3	F 21
S 22	22 22 29	3°48'06	11♒44	9°34	0♌50	24°39	21° 1	9°58	2° 3	23°45	5°34	3°37	2° 8	28°44	10°10	S 22
S 23	22 26 25	4°46'29	26° 5	11°21	2° 2	25°18	20°54	10° 2	2° 3	23°43	5°35	3°36	2° 4	28°51	10°17	S 23
M24	22 30 22	5°44'55	10♓14	13° 8	3°14	25°58	20°46	10° 6	2° 1	23°42	5°35	3°33	2° 1	28°57	10°25	M24
T 25	22 34 19	6°43'22	24° 7	14°53	4°26	26°37	20°39	10°11	2° 0	23°41	5°36	3°28	1°58	29° 4	10°32	T 25
W26	22 38 15	7°41'52	7♈40	16°37	5°39	27°17	20°32	10°15	1°59	23°40	5°36	3°23	1°55	29°11	10°39	W26
T 27	22 42 12	8°40'23	20°52	18°20	6°51	27°56	20°25	10°20	1°58	23°39	5°37	3°17	1°52	29°17	10°46	T 27
F 28	22 46 8	9°38'57	3♉41	20° 2	8° 3	28°36	20°17	10°24	1°57	23°38	5°37	3°12	1°48	29°24	10°53	F 28
S 29	22 50 5	10°37'33	16°11	21°43	9°16	29°15	20°10	10°29	1°56	23°37	5°38	3° 8	1°45	29°31	11° 0	S 29
S 30	22 54 1	11°36'11	28°23	23°22	10°28	29°55	20° 4	10°33	1°54	23°36	5°38	3° 5	1°42	29°37	11° 8	S 30
M31	22 57 58	12♍34'52	10♊23	25♍ 1	11♌41	0♎35	19♒57	10♏38	1♉53	23♑35	5♐39	3°D 4	1♌39	29♊44	11♌15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n52	9n18	5s16	21n17	0n55	22n23	1s 3	8n15	0n51	14s55	1s19	12s27	2n11	11n51	0s30	21s11	0n12	12s39	8n50	19n25	19n32	20n26	13n 0	5s40
S 2	16 35	13 2	5 4	21 2	1 4	22 23	0 59	8 0	0 51	14 58	1 20	12 28	2 11	11 50	0 30	21 11	0 12	12 40	8 49	19 25	19 33	20 27	12 58	5 40
M 3	16 18	16 11	4 39	20 44	1 12	22 22	0 56	7 45	0 50	15 1	1 20	12 29	2 11	11 50	0 30	21 12	0 12	12 40	8 49	19 25	19 34	20 27	12 56	5 40
T 4	16 1	18 38	4 2	20 24	1 20	22 21	0 53	7 29	0 50	15 3	1 20	12 30	2 10	11 50	0 30	21 12	0 12	12 40	8 48	19 25	19 34	20 28	12 54	5 40
W 5	15 43	20 16	3 14	20 1	1 26	22 19	0 49	7 14	0 49	15 6	1 20	12 31	2 10	11 50	0 30	21 12	0 12	12 41	8 48	19 24	19 35	20 29	12 52	5 40
T 6	15 26	21 1	2 19	19 36	1 32	22 16	0 46	6 59	0 49	15 9	1 20	12 32	2 10	11 50	0 30	21 12	0 12	12 41	8 48	19 24	19 36	20 30	12 50	5 40
F 7	15 8	20 50	1 17	19 9	1 36	22 13	0 42	6 43	0 48	15 12	1 20	12 33	2 10	11 50	0 30	21 13	0 12	12 41	8 47	19 24	19 37	20 31	12 48	5 40
S 8	14 49	19 40	0 11	18 39	1 40	22 9	0 39	6 28	0 48	15 14	1 20	12 34	2 9	11 50	0 30	21 13	0 12	12 42	8 47	19 24	19 37	20 32	12 46	5 40
S 9	14 31	17 35	0n56	18 7	1 43	22 5	0 36	6 12	0 47	15 17	1 20	12 35	2 9	11 50	0 30	21 13	0 12	12 42	8 47	19 24	19 38	20 33	12 44	5 40
M10	14 12	14 39	2 2	17 34	1 45	22 0	0 32	5 56	0 47	15 20	1 21	12 37	2 9	11 50	0 30	21 13	0 12	12 42	8 46	19 24	19 39	20 33	12 42	5 41
T 11	13 53	10 59	3 3	16 58	1 46	21 54	0 29	5 41	0 46	15 22	1 21	12 38	2 9	11 50	0 30	21 14	0 12	12 43	8 46	19 25	19 39	20 34	12 40	5 41
W12	13 34	6 46	3 55	16 21	1 47	21 48	0 26	5 25	0 46	15 25	1 21	12 39	2 9	11 50	0 30	21 14	0 12	12 43	8 45	19 25	19 40	20 35	12 38	5 41
T 13	13 14	2 10	4 37	15 43	1 47	21 41	0 22	5 9	0 45	15 28	1 21	12 40	2 8	11 49	0 30	21 14	0 12	12 43	8 45	19 26	19 41	20 36	12 36	5 41
F 14	12 54	2s37	5 4	15 3	1 46	21 34	0 19	4 53	0 45	15 30	1 21	12 42	2 8	11 49	0 30	21 14	0 12	12 44	8 45	19 27	19 42	20 37	12 34	5 41
S 15	12 35	7 21	5 14	14 23	1 45	21 25	0 16	4 37	0 44	15 33	1 21	12 43	2 8	11 49	0 30	21 15	0 12	12 44	8 44	19 27	19 42	20 38	12 32	5 41
S 16	12 14	11 46	5 7	13 41	1 43	21 17	0 12	4 22	0 44	15 36	1 21	12 44	2 8	11 49	0 30	21 15	0 12	12 45	8 44	19 28	19 43	20 38	12 30	5 41
M17	11 54	15 38	4 42	12 59	1 41	21 7	0 9	4 6	0 43	15 38	1 21	12 46	2 7	11 48	0 30	21 15	0 12	12 45	8 43	19 28	19 44	20 39	12 28	5 42
T 18	11 34	18 38	4 0	12 15	1 38	20 57	0 6	3 50	0 43	15 41	1 21	12 47	2 7	11 48	0 30	21 15	0 12	12 45	8 43	19 28	19 45	20 40	12 26	5 42
W19	11 13	20 32	3 2	11 32	1 34	20 47	0 3	3 34	0 42	15 43	1 21	12 49	2 7	11 48	0 30	21 16	0 12	12 46	8 43	19 27	19 45	20 41	12 24	5 42
T 20	10 52	21 5	1 52	10 47	1 31	20 35	0n 1	3 17	0 41	15 46	1 21	12 50	2 7	11 48	0 30	21 16	0 12	12 46	8 42	19 27	19 46	20 42	12 21	5 42
F 21	10 31	20 15	0 35	10 2	1 26	20 24	0 4	3 1	0 41	15 48	1 21	12 52	2 6	11 47	0 30	21 16	0 12	12 47	8 42	19 27	19 47	20 43	12 19	5 42
S 22	10 10	18 4	0s44	9 17	1 22	20 11	0 7	2 45	0 40	15 51	1 21	12 53	2 6	11 47	0 30	21 16	0 12	12 47	8 42	19 27	19 47	20 43	12 17	5 42
S 23	9 49	14 46	2 0	8 32	1 17	19 58	0 10	2 29	0 40	15 53	1 21	12 55	2 6	11 46	0 30	21 16	0 12	12 48	8 41	19 27	19 48	20 44	12 15	5 43
M24	9 27	10 39	3 7	7 46	1 12	19 45	0 13	2 13	0 39	15 56	1 21	12 56	2 6	11 46	0 30	21 17	0 12	12 48	8 41	19 28	19 49	20 45	12 13	5 43
T 25	9 5	6 2	4 1	7 0	1 6	19 31	0 16	1 57	0 39	15 58	1 21	12 58	2 6	11 46	0 30	21 17	0 12	12 49	8 40	19 29	19 50	20 46	12 11	5 43
W26	8 44	1 14	4 41	6 15	1 1	19 16	0 19	1 40	0 38	16 0	1 21	12 59	2 5	11 45	0 30	21 17	0 12	12 49	8 40	19 30	19 50	20 47	12 9	5 43
T 27	8 22	3n29	5 4	5 29	0 55	19 1	0 22	1 24	0 38	16 3	1 21	13 1	2 5	11 45	0 30	21 17	0 12	12 49	8 40	19 31	19 51	20 47	12 7	5 44
F 28	8 0	7 56	5 11	4 43	0 49	18 45	0 25	1 8	0 37	16 5	1 21	13 2	2 5	11 44	0 30	21 17	0 12	12 50	8 39	19 33	19 52	20 48	12 5	5 44
S 29	7 37	11 55	5 3	3 57	0 42	18 29	0 28	0 51	0 37	16 7	1 21	13 4	2 5	11 44	0 30	21 18	0 12	12 50	8 39	19 34	19 52	20 49	12 2	5 44
S 30	7 15	15 20	4 42	3 12	0 36	18 12	0 30	0 35	0 36	16 9	1 21	13 6	2 4	11 44	0 30	21 18	0 12	12 51	8 38	19 34	19 53	20 50	12 0	5 44
M31	6n52	18n 2	4s 8	2n26	0n29	17n54	0n33	0n19	0n35	16s11	1s21	13s 7	2n 4	11n43	0s30	21s18	0n12	12s51	8n38	19n34	19n54	20n50	11n58	5s45

Julian Day Number = 2091268.5, Delta T = 23m18s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'29, Lahiri = 10°06'30 Julian Calendar 1 Aug. 1013 == Greg. Calendar 7 Aug. 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

SEPTEMBER 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 1 54	13♍33'35	22♊16	26♍39	12♌54	1♎14	19°R50	10♏43	1°R52	23°R34	5♐39	3♌ 5	1♌36	29♊51	11♌22	T 1
W 2	23 5 51	14°32'20	4♋ 5	28°16	14° 7	1°54	19♒44	10°48	1♉50	23♑33	5°40	3° 6	1°33	29°57	11°28	W 2
T 3	23 9 48	15°31'07	15°57	29°52	15°19	2°34	19°37	10°53	1°49	23°33	5°41	3° 7	1°29	0♋ 4	11°35	T 3
F 4	23 13 44	16°29'57	27°55	1♎27	16°32	3°14	19°31	10°58	1°47	23°32	5°42	3°R 9	1°26	0°11	11°42	F 4
S 5	23 17 41	17°28'49	10♌ 5	3° 1	17°45	3°54	19°25	11° 3	1°46	23°31	5°42	3° 8	1°23	0°17	11°49	S 5
S 6	23 21 37	18°27'43	22°30	4°34	18°58	4°34	19°19	11° 8	1°44	23°30	5°43	3° 7	1°20	0°24	11°56	S 6
M 7	23 25 34	19°26'39	5♍12	6° 6	20°12	5°14	19°13	11°13	1°42	23°29	5°44	3° 2	1°17	0°31	12° 3	M 7
T 8	23 29 30	20°25'37	18°11	7°38	21°25	5°54	19° 7	11°18	1°41	23°29	5°45	2°56	1°13	0°37	12° 9	T 8
W 9	23 33 27	21°24'38	1♎28	9° 8	22°38	6°34	19° 2	11°24	1°39	23°28	5°46	2°49	1°10	0°44	12°16	W 9
T 10	23 37 23	22°23'40	15° 0	10°37	23°51	7°15	18°56	11°29	1°37	23°27	5°47	2°40	1° 7	0°51	12°23	T 10
F 11	23 41 20	23°22'44	28°46	12° 6	25° 5	7°55	18°51	11°35	1°36	23°27	5°48	2°32	1° 4	0°57	12°29	F 11
S 12	23 45 16	24°21'51	12♏41	13°34	26°18	8°35	18°46	11°40	1°34	23°26	5°49	2°25	1° 1	1° 4	12°36	S 12
S 13	23 49 13	25°20'59	26°43	15° 0	27°32	9°16	18°41	11°46	1°32	23°26	5°50	2°19	0°58	1°11	12°42	S 13
M14	23 53 10	26°20'09	10♐49	16°26	28°45	9°56	18°36	11°51	1°30	23°25	5°51	2°16	0°54	1°17	12°48	M14
T 15	23 57 6	27°19'21	24°57	17°51	29°59	10°36	18°32	11°57	1°28	23°25	5°52	2°D15	0°51	1°24	12°55	T 15
W16	0 1 3	28°18'34	9♑ 5	19°15	1♍12	11°17	18°27	12° 3	1°26	23°24	5°53	2°15	0°48	1°31	13° 1	W16
T 17	0 4 59	29°17'50	23°12	20°37	2°26	11°58	18°23	12° 9	1°24	23°24	5°54	2°16	0°45	1°37	13° 7	T 17
F 18	0 8 56	0♎17'07	7♒17	21°59	3°40	12°38	18°19	12°14	1°22	23°23	5°55	2°R16	0°42	1°44	13°13	F 18
S 19	0 12 52	1°16'26	21°18	23°20	4°54	13°19	18°15	12°20	1°20	23°23	5°56	2°15	0°39	1°51	13°20	S 19
S 20	0 16 49	2°15'47	5♓13	24°39	6° 8	14° 0	18°11	12°26	1°18	23°23	5°58	2°11	0°35	1°57	13°26	S 20
M21	0 20 45	3°15'09	18°59	25°57	7°22	14°40	18° 8	12°32	1°16	23°22	5°59	2° 4	0°32	2° 4	13°32	M21
T 22	0 24 42	4°14'34	2♈32	27°14	8°36	15°21	18° 5	12°38	1°14	23°22	6° 0	1°55	0°29	2°11	13°38	T 22
W23	0 28 39	5°14'01	15°51	28°30	9°50	16° 2	18° 1	12°44	1°12	23°22	6° 2	1°44	0°26	2°17	13°43	W23
T 24	0 32 35	6°13'30	28°53	29°44	11° 4	16°43	17°59	12°50	1°10	23°21	6° 3	1°33	0°23	2°24	13°49	T 24
F 25	0 36 32	7°13'01	11♉37	0♏57	12°18	17°24	17°56	12°57	1° 7	23°21	6° 4	1°22	0°19	2°31	13°55	F 25
S 26	0 40 28	8°12'34	24° 4	2° 8	13°32	18° 5	17°53	13° 3	1° 5	23°21	6° 6	1°12	0°16	2°37	14° 1	S 26
S 27	0 44 25	9°12'10	6♊15	3°17	14°46	18°46	17°51	13° 9	1° 3	23°21	6° 7	1° 5	0°13	2°44	14° 6	S 27
M28	0 48 21	10°11'48	18°14	4°24	16° 1	19°27	17°49	13°15	1° 1	23°21	6° 9	1° 0	0°10	2°51	14°12	M28
T 29	0 52 18	11°11'28	0♋ 6	5°29	17°15	20° 8	17°47	13°22	0°58	23°21	6°10	0°58	0° 7	2°57	14°17	T 29
W30	0 56 14	12♎11'11	11♋54	6♏31	18♍29	20♎49	17♒45	13♏28	0♉56	23°D21	6♐11	0°D57	0♌ 4	3♋ 4	14♌23	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n30	19n57	3s24	1n41	0n22	17n36	0n36	0n 2	0n35	16s14	1s21	13s 9	2n 4	11n43	0s30	21s18	0n12	12s52	8n38	19n34	19n55	20n51	11n56	5s45
W 2	6 7	20 59	2 31	0 56	0 15	17 18	0 39	0s14	0 34	16 16	1 21	13 11	2 4	11 42	0 30	21 18	0 12	12 52	8 37	19 34	19 55	20 52	11 54	5 45
T 3	5 44	21 5	1 32	0 11	0 8	16 59	0 41	0 31	0 34	16 18	1 21	13 13	2 4	11 42	0 30	21 19	0 12	12 53	8 37	19 34	19 56	20 53	11 52	5 45
F 4	5 21	20 13	0 28	0s34	0 1	16 40	0 44	0 47	0 33	16 20	1 21	13 14	2 3	11 41	0 30	21 19	0 12	12 53	8 37	19 33	19 57	20 53	11 50	5 46
S 5	4 58	18 25	0n38	1 18	0s 6	16 20	0 46	1 4	0 33	16 21	1 21	13 16	2 3	11 41	0 30	21 19	0 12	12 54	8 36	19 34	19 57	20 54	11 47	5 46
S 6	4 35	15 42	1 43	2 2	0 13	15 59	0 49	1 20	0 32	16 23	1 21	13 18	2 3	11 40	0 30	21 19	0 12	12 54	8 36	19 34	19 58	20 55	11 45	5 46
M 7	4 12	12 12	2 44	2 45	0 20	15 38	0 51	1 36	0 32	16 25	1 21	13 20	2 3	11 39	0 30	21 19	0 12	12 55	8 35	19 35	19 59	20 56	11 43	5 47
T 8	3 49	8 3	3 39	3 28	0 28	15 17	0 54	1 53	0 31	16 27	1 21	13 21	2 3	11 39	0 30	21 19	0 12	12 55	8 35	19 36	20 0	20 56	11 41	5 47
W 9	3 25	3 25	4 22	4 11	0 35	14 55	0 56	2 9	0 30	16 28	1 21	13 23	2 3	11 38	0 30	21 19	0 12	12 56	8 35	19 38	20 0	20 57	11 39	5 47
T 10	3 2	1s27	4 52	4 53	0 43	14 33	0 58	2 26	0 30	16 30	1 21	13 25	2 2	11 38	0 30	21 20	0 12	12 56	8 34	19 40	20 1	20 58	11 37	5 48
F 11	2 39	6 20	5 6	5 34	0 50	14 11	1 0	2 42	0 29	16 32	1 21	13 27	2 2	11 37	0 30	21 20	0 12	12 57	8 34	19 42	20 2	20 59	11 35	5 48
S 12	2 15	10 56	5 2	6 15	0 57	13 48	1 2	2 59	0 29	16 33	1 20	13 29	2 2	11 36	0 30	21 20	0 12	12 57	8 34	19 44	20 2	20 59	11 32	5 48
S 13	1 51	15 0	4 39	6 56	1 5	13 24	1 4	3 15	0 28	16 35	1 20	13 31	2 2	11 36	0 30	21 20	0 12	12 58	8 33	19 45	20 3	21 0	11 30	5 49
M14	1 28	18 13	4 0	7 36	1 12	13 0	1 6	3 32	0 28	16 36	1 20	13 33	2 2	11 35	0 30	21 20	0 12	12 58	8 33	19 46	20 4	21 1	11 28	5 49
T 15	1 4	20 22	3 6	8 15	1 19	12 36	1 8	3 48	0 27	16 37	1 20	13 34	2 1	11 34	0 30	21 20	0 12	12 59	8 33	19 46	20 4	21 1	11 26	5 50
W16	0 41	21 14	2 1	8 54	1 26	12 12	1 10	4 5	0 27	16 39	1 20	13 36	2 1	11 34	0 30	21 20	0 12	12 59	8 32	19 46	20 5	21 2	11 24	5 50
T 17	0 17	20 46	0 48	9 32	1 33	11 47	1 12	4 21	0 26	16 40	1 20	13 38	2 1	11 33	0 30	21 20	0 11	13 0	8 32	19 46	20 6	21 3	11 22	5 50
F 18	0s 7	18 59	0s27	10 9	1 40	11 22	1 14	4 38	0 25	16 41	1 20	13 40	2 1	11 32	0 30	21 20	0 11	13 1	8 31	19 45	20 6	21 3	11 20	5 51
S 19	0 31	16 3	1 40	10 46	1 47	10 56	1 15	4 54	0 25	16 42	1 20	13 42	2 1	11 32	0 30	21 20	0 11	13 1	8 31	19 46	20 7	21 4	11 18	5 51
S 20	0 54	12 14	2 47	11 22	1 54	10 30	1 17	5 10	0 24	16 43	1 20	13 44	2 1	11 31	0 30	21 21	0 11	13 2	8 31	19 47	20 8	21 5	11 16	5 52
M21	1 18	7 47	3 42	11 57	2 0	10 4	1 18	5 27	0 24	16 44	1 19	13 46	2 1	11 30	0 30	21 21	0 11	13 2	8 30	19 48	20 9	21 6	11 14	5 52
T 22	1 42	3 2	4 25	12 31	2 7	9 37	1 20	5 43	0 23	16 45	1 19	13 48	2 0	11 29	0 30	21 21	0 11	13 3	8 30	19 50	20 9	21 6	11 11	5 52
W23	2 5	1n47	4 52	13 4	2 13	9 11	1 21	6 0	0 23	16 46	1 19	13 50	2 0	11 29	0 30	21 21	0 11	13 3	8 30	19 53	20 10	21 7	11 9	5 53
T 24	2 29	6 25	5 3	13 36	2 19	8 44	1 23	6 16	0 22	16 47	1 19	13 52	2 0	11 28	0 30	21 21	0 11	13 4	8 29	19 55	20 11	21 8	11 7	5 53
F 25	2 53	10 40	4 58	14 7	2 25	8 16	1 24	6 32	0 21	16 47	1 19	13 54	2 0	11 27	0 30	21 21	0 11	13 4	8 29	19 58	20 11	21 8	11 5	5 54
S 26	3 16	14 22	4 40	14 37	2 30	7 49	1 25	6 48	0 21	16 48	1 19	13 56	2 0	11 26	0 30	21 21	0 11	13 5	8 29	20 0	20 12	21 9	11 3	5 54
S 27	3 40	17 23	4 8	15 6	2 35	7 21	1 26	7 5	0 20	16 49	1 19	13 58	2 0	11 25	0 30	21 21	0 11	13 5	8 28	20 1	20 13	21 9	11 1	5 55
M28	4 4	19 37	3 27	15 34	2 40	6 53	1 27	7 21	0 20	16 49	1 19	14 0	1 59	11 25	0 30	21 21	0 11	13 6	8 28	20 2	20 13	21 10	10 59	5 55
T 29	4 27	20 58	2 36	16 0	2 45	6 25	1 28	7 37	0 19	16 50	1 18	14 2	1 59	11 24	0 30	21 21	0 11	13 7	8 28	20 3	20 14	21 11	10 57	5 56
W30	4s50	21n23	1s40	16s25	2s49	5n56	1n29	7s53	0n18	16s50	1s18	14s 4	1n59	11n23	0s30	21s21	0n11	13s 7	8n27	20n 3	20n15	21n11	10n55	5s56

Julian Day Number = 2091299.5, Delta T = 23m18s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'33, Lahiri = 10°06'34 Julian Calendar 1 Sept. 1013 == Greg. Calendar 7 Sept. 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

OCTOBER 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 0 11	13♎10'55	23♋45	7♏31	19♍44	21♎30	17°R43	13♏35	0°R54	23♑21	6♐13	0♌57	0♌ 0	3♋11	14♌28	T 1
F 2	1 4 8	14°10'43	5♌44	8°28	20°58	22°12	17♒42	13°41	0♉51	23°21	6°15	0°R57	29♋57	3°17	14°33	F 2
S 3	1 8 4	15°10'32	17°57	9°22	22°13	22°53	17°41	13°48	0°49	23°21	6°16	0°56	29°54	3°24	14°38	S 3
S 4	1 12 1	16°10'24	0♍27	10°12	23°27	23°35	17°40	13°54	0°47	23°21	6°18	0°53	29°51	3°31	14°44	S 4
M 5	1 15 57	17°10'17	13°18	10°58	24°42	24°16	17°39	14° 1	0°44	23°21	6°19	0°47	29°48	3°37	14°49	M 5
T 6	1 19 54	18°10'13	26°33	11°40	25°57	24°58	17°39	14° 7	0°42	23°22	6°21	0°38	29°44	3°44	14°54	T 6
W 7	1 23 50	19°10'11	10♎10	12°17	27°11	25°39	17°38	14°14	0°40	23°22	6°23	0°27	29°41	3°51	14°58	W 7
T 8	1 27 47	20°10'11	24° 8	12°49	28°26	26°21	17°D38	14°21	0°37	23°22	6°24	0°15	29°38	3°57	15° 3	T 8
F 9	1 31 43	21°10'13	8♏21	13°15	29°41	27° 2	17°38	14°27	0°35	23°22	6°26	0° 3	29°35	4° 4	15° 8	F 9
S 10	1 35 40	22°10'17	22°44	13°34	0♎56	27°44	17°38	14°34	0°32	23°23	6°28	29♋52	29°32	4°11	15°13	S 10
S 11	1 39 36	23°10'22	7♐11	13°47	2°11	28°26	17°39	14°41	0°30	23°23	6°30	29°43	29°29	4°17	15°17	S 11
M12	1 43 33	24°10'30	21°35	13°R51	3°25	29° 8	17°39	14°48	0°27	23°23	6°31	29°38	29°25	4°24	15°22	M12
T 13	1 47 30	25°10'39	5♑54	13°47	4°40	29°50	17°40	14°54	0°25	23°24	6°33	29°35	29°22	4°31	15°26	T 13
W14	1 51 26	26°10'49	20° 4	13°35	5°55	0♏32	17°41	15° 1	0°22	23°24	6°35	29°34	29°19	4°37	15°30	W14
T 15	1 55 23	27°11'01	4♒ 4	13°12	7°10	1°13	17°43	15° 8	0°20	23°25	6°37	29°34	29°16	4°44	15°35	T 15
F 16	1 59 19	28°11'15	17°54	12°40	8°25	1°56	17°44	15°15	0°17	23°25	6°39	29°33	29°13	4°51	15°39	F 16
S 17	2 3 16	29°11'30	1♓34	11°59	9°40	2°38	17°46	15°22	0°15	23°26	6°41	29°31	29°10	4°57	15°43	S 17
S 18	2 7 12	0♏11'46	15° 5	11° 8	10°55	3°20	17°48	15°29	0°12	23°26	6°42	29°26	29° 6	5° 4	15°47	S 18
M19	2 11 9	1°12'04	28°26	10° 8	12°10	4° 2	17°50	15°36	0°10	23°27	6°44	29°17	29° 3	5°11	15°51	M19
T 20	2 15 5	2°12'24	11♈36	9° 0	13°25	4°44	17°52	15°43	0° 7	23°28	6°46	29° 6	29° 0	5°17	15°54	T 20
W21	2 19 2	3°12'45	24°34	7°46	14°40	5°26	17°55	15°50	0° 5	23°28	6°48	28°53	28°57	5°24	15°58	W21
T 22	2 22 59	4°13'08	7♉20	6°27	15°55	6° 9	17°57	15°57	0° 2	23°29	6°50	28°39	28°54	5°31	16° 2	T 22
F 23	2 26 55	5°13'32	19°51	5° 7	17°10	6°51	18° 0	16° 4	29♈59	23°30	6°52	28°26	28°50	5°37	16° 5	F 23
S 24	2 30 52	6°13'59	2♊10	3°47	18°26	7°33	18° 3	16°11	29°57	23°31	6°54	28°14	28°47	5°44	16° 9	S 24
S 25	2 34 48	7°14'27	14°16	2°31	19°41	8°16	18° 7	16°18	29°55	23°32	6°56	28° 4	28°44	5°50	16°12	S 25
M26	2 38 45	8°14'57	26°12	1°21	20°56	8°58	18°10	16°25	29°53	23°32	6°58	27°57	28°41	5°57	16°15	M26
T 27	2 42 41	9°15'29	8♋ 2	0°18	22°11	9°41	18°14	16°32	29°50	23°33	7° 0	27°53	28°38	6° 4	16°18	T 27
W28	2 46 38	10°16'03	19°49	29♎25	23°27	10°24	18°17	16°39	29°48	23°34	7° 2	27°52	28°35	6°10	16°21	W28
T 29	2 50 34	11°16'38	1♌38	28°43	24°42	11° 6	18°21	16°46	29°45	23°35	7° 5	27°D52	28°31	6°17	16°24	T 29
F 30	2 54 31	12°17'15	13°35	28°13	25°57	11°49	18°26	16°53	29°43	23°36	7° 7	27°R52	28°28	6°24	16°27	F 30
S 31	2 58 28	13♏17'54	25♌45	27♎54	27♎12	12♏32	18♒30	17♏ 0	29♈40	23♑37	7♐ 9	27♋51	28♋25	6♋30	16♌30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s14	20n50	0s38	16s48	2s52	5n28	1n30	8s 9	0n18	16s50	1s18	14s 6	1n59	11n22	0s30	21s21	0n11	13s 8	8n27	20n 3	20n15	21n12	10n53	5s57
F 2	5 37	19 21	0n25	17 10	2 56	4 59	1 30	8 25	0 17	16 51	1 18	14 8	1 59	11 21	0 30	21 21	0 11	13 8	8 27	20 3	20 16	21 13	10 51	5 57
S 3	6 0	16 57	1 29	17 30	2 58	4 30	1 31	8 41	0 17	16 51	1 18	14 10	1 59	11 21	0 30	21 21	0 11	13 9	8 27	20 3	20 17	21 13	10 49	5 58
S 4	6 24	13 42	2 30	17 48	3 0	4 1	1 32	8 57	0 16	16 51	1 18	14 12	1 59	11 20	0 30	21 21	0 11	13 9	8 26	20 4	20 17	21 14	10 47	5 58
M 5	6 47	9 44	3 24	18 4	3 2	3 32	1 32	9 13	0 16	16 51	1 17	14 14	1 59	11 19	0 30	21 21	0 11	13 10	8 26	20 5	20 18	21 15	10 45	5 59
T 6	7 10	5 12	4 10	18 18	3 3	3 2	1 33	9 29	0 15	16 51	1 17	14 17	1 58	11 18	0 30	21 21	0 11	13 11	8 26	20 7	20 19	21 15	10 44	5 59
W 7	7 33	0 17	4 42	18 30	3 3	2 33	1 33	9 45	0 14	16 51	1 17	14 19	1 58	11 17	0 30	21 21	0 11	13 11	8 25	20 10	20 19	21 16	10 42	6 0
T 8	7 55	4s46	4 59	18 39	3 2	2 3	1 33	10 0	0 14	16 51	1 17	14 21	1 58	11 16	0 30	21 21	0 11	13 12	8 25	20 12	20 20	21 16	10 40	6 0
F 9	8 18	9 40	4 58	18 45	3 0	1 33	1 34	10 16	0 13	16 51	1 17	14 23	1 58	11 16	0 30	21 21	0 11	13 12	8 25	20 15	20 21	21 17	10 38	6 1
S 10	8 41	14 5	4 37	18 48	2 56	1 4	1 34	10 32	0 13	16 51	1 17	14 25	1 58	11 15	0 30	21 21	0 11	13 13	8 24	20 17	20 21	21 18	10 36	6 1
S 11	9 3	17 41	3 59	18 48	2 52	0 34	1 34	10 47	0 12	16 50	1 16	14 27	1 58	11 14	0 30	21 21	0 11	13 13	8 24	20 19	20 22	21 18	10 34	6 2
M12	9 25	20 12	3 6	18 44	2 47	0 4	1 34	11 3	0 11	16 50	1 16	14 29	1 58	11 13	0 30	21 21	0 11	13 14	8 24	20 20	20 23	21 19	10 32	6 2
T 13	9 48	21 24	2 2	18 36	2 40	0s26	1 34	11 18	0 11	16 49	1 16	14 31	1 58	11 12	0 30	21 21	0 11	13 14	8 24	20 21	20 23	21 19	10 31	6 3
W14	10 10	21 14	0 50	18 24	2 31	0 56	1 34	11 33	0 10	16 49	1 16	14 33	1 58	11 11	0 30	21 21	0 11	13 15	8 23	20 21	20 24	21 20	10 29	6 3
T 15	10 31	19 44	0s24	18 7	2 21	1 26	1 33	11 49	0 10	16 48	1 16	14 35	1 58	11 10	0 30	21 21	0 11	13 16	8 23	20 21	20 25	21 20	10 27	6 4
F 16	10 53	17 4	1 35	17 46	2 9	1 56	1 33	12 4	0 9	16 48	1 16	14 37	1 57	11 10	0 30	21 21	0 11	13 16	8 23	20 21	20 25	21 21	10 25	6 5
S 17	11 15	13 28	2 40	17 20	1 55	2 26	1 33	12 19	0 8	16 47	1 15	14 39	1 57	11 9	0 30	21 20	0 11	13 17	8 23	20 22	20 26	21 22	10 24	6 5
S 18	11 36	9 13	3 36	16 50	1 40	2 56	1 32	12 34	0 8	16 46	1 15	14 42	1 57	11 8	0 30	21 20	0 11	13 17	8 22	20 23	20 27	21 22	10 22	6 6
M19	11 57	4 34	4 18	16 15	1 23	3 26	1 32	12 49	0 7	16 46	1 15	14 44	1 57	11 7	0 30	21 20	0 11	13 18	8 22	20 24	20 27	21 23	10 20	6 6
T 20	12 18	0n13	4 46	15 35	1 5	3 55	1 31	13 4	0 7	16 45	1 15	14 46	1 57	11 6	0 30	21 20	0 11	13 18	8 22	20 27	20 28	21 23	10 19	6 7
W21	12 39	4 56	4 59	14 53	0 45	4 25	1 31	13 19	0 6	16 44	1 15	14 48	1 57	11 5	0 30	21 20	0 11	13 19	8 22	20 29	20 29	21 24	10 17	6 8
T 22	13 0	9 21	4 57	14 8	0 25	4 55	1 30	13 33	0 5	16 43	1 15	14 50	1 57	11 4	0 30	21 20	0 11	13 20	8 21	20 32	20 29	21 24	10 15	6 8
F 23	13 20	13 18	4 40	13 22	0 4	5 25	1 29	13 48	0 5	16 42	1 14	14 52	1 57	11 3	0 30	21 20	0 11	13 20	8 21	20 35	20 30	21 25	10 14	6 9
S 24	13 40	16 37	4 10	12 35	0n17	5 54	1 28	14 2	0 4	16 41	1 14	14 54	1 57	11 3	0 30	21 20	0 11	13 21	8 21	20 38	20 31	21 25	10 12	6 9
S 25	14 0	19 10	3 29	11 50	0 37	6 23	1 27	14 17	0 4	16 39	1 14	14 56	1 57	11 2	0 30	21 20	0 11	13 21	8 21	20 39	20 31	21 26	10 11	6 10
M26	14 20	20 51	2 39	11 8	0 56	6 53	1 26	14 31	0 3	16 38	1 14	14 58	1 57	11 1	0 30	21 19	0 11	13 22	8 20	20 41	20 32	21 26	10 9	6 11
T 27	14 39	21 36	1 43	10 30	1 13	7 22	1 25	14 45	0 2	16 37	1 14	15 0	1 57	11 0	0 30	21 19	0 11	13 22	8 20	20 42	20 33	21 27	10 8	6 11
W28	14 59	21 24	0 43	9 56	1 29	7 51	1 24	14 59	0 2	16 35	1 13	15 2	1 57	10 59	0 30	21 19	0 11	13 23	8 20	20 42	20 33	21 27	10 6	6 12
T 29	15 18	20 14	0n20	9 28	1 43	8 20	1 23	15 13	0 1	16 34	1 13	15 4	1 57	10 58	0 30	21 19	0 11	13 23	8 20	20 42	20 34	21 28	10 5	6 12
F 30	15 36	18 9	1 23	9 6	1 55	8 48	1 22	15 27	0 0	16 33	1 13	15 6	1 56	10 57	0 30	21 19	0 11	13 24	8 20	20 42	20 35	21 28	10 3	6 13
S 31	15s55	15n14	2n22	8s50	2n 5	9s17	1n21	15s41	0s 0	16s31	1s13	15s 9	1n56	10n57	0s30	21s19	0n11	13s24	8n19	20n42	20n35	21n29	10n 2	6s14

Julian Day Number = 2091329.5, Delta T = 23m17s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'38, Lahiri = 10°06'38 Julian Calendar 1 Oct. 1013 == Greg. Calendar 7 Oct. 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

NOVEMBER 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 2 24	14♏18'35	8♍14	27°D47	28♎28	13♏15	18♒35	17♏ 7	29°R38	23♉38	7♐11	27°R49	28♋22	6♋37	16♌32	S 1
M 2	3 6 21	15°19'17	21° 7	27♎51	29°43	13°58	18°39	17°15	29♈36	23°39	7°13	27♋44	28°19	6°44	16°35	M 2
T 3	3 10 17	16°20'01	4♎25	28° 5	0♏58	14°40	18°44	17°22	29°33	23°40	7°15	27°36	28°16	6°50	16°37	T 3
W 4	3 14 14	17°20'47	18°12	28°29	2°14	15°23	18°50	17°29	29°31	23°42	7°17	27°26	28°12	6°57	16°40	W 4
T 5	3 18 10	18°21'34	2♏24	29° 1	3°29	16° 6	18°55	17°36	29°29	23°43	7°19	27°15	28° 9	7° 4	16°42	T 5
F 6	3 22 7	19°22'22	16°58	29°42	4°45	16°50	19° 0	17°43	29°26	23°44	7°22	27° 4	28° 6	7°10	16°44	F 6
S 7	3 26 3	20°23'12	1♐46	0♏29	6° 0	17°33	19° 6	17°50	29°24	23°45	7°24	26°54	28° 3	7°17	16°46	S 7
S 8	3 30 0	21°24'03	16°39	1°22	7°15	18°16	19°12	17°57	29°22	23°46	7°26	26°46	28° 0	7°24	16°48	S 8
M 9	3 33 57	22°24'56	1♉29	2°20	8°31	18°59	19°18	18° 4	29°20	23°48	7°28	26°41	27°56	7°30	16°49	M 9
T 10	3 37 53	23°25'49	16° 9	3°24	9°46	19°42	19°24	18°11	29°17	23°49	7°30	26°39	27°53	7°37	16°51	T 10
W11	3 41 50	24°26'43	0♒34	4°31	11° 2	20°26	19°30	18°18	29°15	23°50	7°33	26°D38	27°50	7°44	16°53	W11
T 12	3 45 46	25°27'38	14°41	5°42	12°17	21° 9	19°37	18°26	29°13	23°52	7°35	26°39	27°47	7°50	16°54	T 12
F 13	3 49 43	26°28'34	28°30	6°55	13°33	21°53	19°44	18°33	29°11	23°53	7°37	26°R39	27°44	7°57	16°55	F 13
S 14	3 53 39	27°29'30	12♓ 3	8°12	14°48	22°36	19°51	18°40	29° 9	23°55	7°39	26°38	27°41	8° 4	16°57	S 14
S 15	3 57 36	28°30'28	25°19	9°30	16° 4	23°20	19°58	18°47	29° 7	23°56	7°42	26°35	27°37	8°10	16°58	S 15
M16	4 1 32	29°31'26	8♈22	10°51	17°19	24° 3	20° 5	18°54	29° 5	23°58	7°44	26°29	27°34	8°17	16°59	M16
T 17	4 5 29	0♐32'24	21°11	12°13	18°34	24°47	20°12	19° 1	29° 3	23°59	7°46	26°21	27°31	8°24	17° 0	T 17
W18	4 9 26	1°33'24	3♉49	13°36	19°50	25°30	20°20	19° 8	29° 1	24° 1	7°48	26°11	27°28	8°30	17° 1	W18
T 19	4 13 22	2°34'24	16°16	15° 1	21° 5	26°14	20°27	19°15	28°59	24° 2	7°51	26° 0	27°25	8°37	17° 1	T 19
F 20	4 17 19	3°35'25	28°33	16°27	22°21	26°58	20°35	19°22	28°57	24° 4	7°53	25°50	27°21	8°43	17° 2	F 20
S 21	4 21 15	4°36'27	10♊40	17°53	23°36	27°42	20°43	19°29	28°55	24° 5	7°55	25°41	27°18	8°50	17° 2	S 21
S 22	4 25 12	5°37'30	22°39	19°21	24°52	28°26	20°51	19°36	28°53	24° 7	7°57	25°34	27°15	8°57	17° 3	S 22
M23	4 29 8	6°38'33	4♋31	20°49	26° 7	29°10	20°59	19°43	28°51	24° 9	8° 0	25°29	27°12	9° 3	17° 3	M23
T 24	4 33 5	7°39'38	16°18	22°18	27°23	29°53	21° 8	19°49	28°49	24°10	8° 2	25°26	27° 9	9°10	17° 3	T 24
W25	4 37 1	8°40'43	28° 5	23°47	28°38	0♐37	21°16	19°56	28°48	24°12	8° 4	25°D26	27° 6	9°17	17°R 3	W25
T 26	4 40 58	9°41'50	9♌54	25°16	29°54	1°22	21°25	20° 3	28°46	24°14	8° 6	25°27	27° 2	9°23	17° 3	T 26
F 27	4 44 55	10°42'57	21°49	26°46	1♐ 9	2° 6	21°34	20°10	28°44	24°16	8° 9	25°28	26°59	9°30	17° 3	F 27
S 28	4 48 51	11°44'04	3♍57	28°17	2°25	2°50	21°43	20°17	28°43	24°17	8°11	25°30	26°56	9°37	17° 2	S 28
S 29	4 52 48	12°45'13	16°23	29°47	3°40	3°34	21°52	20°24	28°41	24°19	8°13	25°R30	26°53	9°43	17° 2	S 29
M30	4 56 44	13♐46'22	29♍10	1♐18	4♐56	4♐18	22♒ 1	20♏30	28♈39	24♉21	8♐15	25♋29	26♋50	9♋50	17♌ 2	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s13	11n34	3n17	8s40	2n13	9s45	1n19	15s55	0s 1	16s29	1s13	15s11	1n56	10n56	0s30	21s19	0n11	13s25	8n19	20n43	20n36	21n29	10n 0	6s14
M 2	16 31	7 16	4 4	8 35	2 20	10 13	1 18	16 8	0 1	16 28	1 13	15 13	1 56	10 55	0 30	21 18	0 11	13 25	8 19	20 44	20 37	21 30	9 59	6 15
T 3	16 49	2 29	4 38	8 36	2 24	10 41	1 17	16 21	0 2	16 26	1 12	15 15	1 56	10 54	0 30	21 18	0 11	13 26	8 19	20 45	20 37	21 30	9 58	6 16
W 4	17 6	2s34	4 59	8 42	2 27	11 8	1 15	16 35	0 3	16 24	1 12	15 17	1 56	10 53	0 30	21 18	0 11	13 27	8 19	20 47	20 38	21 31	9 56	6 16
T 5	17 23	7 39	5 1	8 52	2 29	11 35	1 14	16 48	0 3	16 22	1 12	15 19	1 56	10 53	0 30	21 18	0 11	13 27	8 18	20 49	20 38	21 31	9 55	6 17
F 6	17 40	12 26	4 45	9 6	2 29	12 2	1 12	17 1	0 4	16 21	1 12	15 21	1 56	10 52	0 30	21 18	0 11	13 28	8 18	20 51	20 39	21 32	9 54	6 18
S 7	17 56	16 33	4 9	9 23	2 28	12 29	1 10	17 14	0 4	16 19	1 12	15 23	1 56	10 51	0 30	21 17	0 11	13 28	8 18	20 53	20 40	21 32	9 53	6 18
S 8	18 12	19 38	3 16	9 43	2 26	12 55	1 9	17 26	0 5	16 17	1 12	15 25	1 56	10 50	0 30	21 17	0 11	13 29	8 18	20 55	20 40	21 33	9 52	6 19
M 9	18 28	21 23	2 10	10 6	2 24	13 21	1 7	17 39	0 6	16 15	1 11	15 27	1 56	10 49	0 30	21 17	0 11	13 29	8 18	20 56	20 41	21 33	9 50	6 20
T 10	18 44	21 40	0 56	10 31	2 20	13 47	1 5	17 51	0 6	16 12	1 11	15 29	1 56	10 49	0 30	21 17	0 11	13 30	8 18	20 56	20 42	21 34	9 49	6 20
W11	18 59	20 29	0s21	10 58	2 16	14 13	1 3	18 4	0 7	16 10	1 11	15 31	1 56	10 48	0 30	21 17	0 11	13 30	8 17	20 56	20 42	21 34	9 48	6 21
T 12	19 14	18 2	1 35	11 26	2 11	14 38	1 2	18 16	0 8	16 8	1 11	15 33	1 56	10 47	0 30	21 16	0 10	13 31	8 17	20 56	20 43	21 35	9 47	6 22
F 13	19 28	14 35	2 42	11 55	2 6	15 2	1 0	18 28	0 8	16 6	1 11	15 35	1 56	10 46	0 30	21 16	0 10	13 31	8 17	20 56	20 44	21 35	9 46	6 22
S 14	19 42	10 26	3 38	12 25	2 0	15 27	0 58	18 40	0 9	16 3	1 11	15 37	1 56	10 46	0 30	21 16	0 10	13 32	8 17	20 56	20 44	21 35	9 45	6 23
S 15	19 56	5 52	4 22	12 56	1 54	15 50	0 56	18 51	0 9	16 1	1 10	15 39	1 56	10 45	0 30	21 16	0 10	13 32	8 17	20 57	20 45	21 36	9 44	6 24
M16	20 9	1 7	4 50	13 27	1 48	16 14	0 54	19 3	0 10	15 59	1 10	15 40	1 56	10 44	0 30	21 15	0 10	13 33	8 17	20 58	20 45	21 36	9 43	6 24
T 17	20 22	3n37	5 4	13 58	1 42	16 37	0 52	19 14	0 11	15 56	1 10	15 42	1 56	10 43	0 30	21 15	0 10	13 33	8 17	21 0	20 46	21 37	9 42	6 25
W18	20 35	8 7	5 3	14 30	1 35	17 0	0 50	19 25	0 11	15 54	1 10	15 44	1 56	10 43	0 30	21 15	0 10	13 33	8 16	21 1	20 47	21 37	9 41	6 26
T 19	20 47	12 13	4 47	15 2	1 28	17 22	0 48	19 36	0 12	15 51	1 10	15 46	1 56	10 42	0 30	21 15	0 10	13 34	8 16	21 3	20 47	21 38	9 41	6 26
F 20	20 59	15 45	4 18	15 33	1 21	17 43	0 45	19 47	0 13	15 48	1 10	15 48	1 56	10 41	0 30	21 14	0 10	13 34	8 16	21 5	20 48	21 38	9 40	6 27
S 21	21 10	18 35	3 37	16 5	1 14	18 5	0 43	19 58	0 13	15 46	1 10	15 50	1 56	10 41	0 30	21 14	0 10	13 35	8 16	21 7	20 49	21 38	9 39	6 27
S 22	21 21	20 34	2 47	16 36	1 6	18 25	0 41	20 8	0 14	15 43	1 9	15 52	1 56	10 40	0 30	21 14	0 10	13 35	8 16	21 8	20 49	21 39	9 38	6 28
M23	21 32	21 39	1 51	17 6	0 59	18 45	0 39	20 19	0 14	15 40	1 9	15 54	1 56	10 40	0 30	21 14	0 10	13 36	8 16	21 9	20 50	21 39	9 38	6 29
T 24	21 42	21 45	0 49	17 36	0 52	19 5	0 37	20 29	0 15	15 37	1 9	15 55	1 56	10 39	0 30	21 13	0 10	13 36	8 16	21 10	20 50	21 40	9 37	6 29
W25	21 52	20 53	0n14	18 6	0 44	19 24	0 34	20 39	0 16	15 34	1 9	15 57	1 56	10 38	0 30	21 13	0 10	13 37	8 16	21 10	20 51	21 40	9 36	6 30
T 26	22 1	19 7	1 18	18 35	0 37	19 43	0 32	20 48	0 16	15 31	1 9	15 59	1 56	10 38	0 30	21 13	0 10	13 37	8 16	21 10	20 52	21 40	9 36	6 31
F 27	22 10	16 29	2 18	19 3	0 30	20 1	0 30	20 58	0 17	15 28	1 9	16 1	1 56	10 37	0 30	21 12	0 10	13 38	8 15	21 9	20 52	21 41	9 35	6 31
S 28	22 19	13 7	3 14	19 31	0 23	20 18	0 27	21 7	0 18	15 25	1 9	16 3	1 56	10 37	0 30	21 12	0 10	13 38	8 15	21 9	20 53	21 41	9 35	6 32
S 29	22 27	9 7	4 2	19 58	0 15	20 35	0 25	21 16	0 18	15 22	1 8	16 4	1 56	10 36	0 30	21 12	0 10	13 38	8 15	21 9	20 53	21 41	9 34	6 33
M30	22s34	4n36	4n39	20s24	0n 8	20s52	0n23	21s25	0s19	15s19	1s 8	16s 6	1n56	10n36	0s30	21s12	0n10	13s39	8n15	21n 9	20n54	21n42	9n34	6s33

Julian Day Number = 2091360.5, Delta T = 23m17s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'42, Lahiri = 10°06'42 Julian Calendar 1 Nov. 1013 == Greg. Calendar 7 Nov. 1013

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ASTRODIENST EPHEMERIS for the year 1013
geocentric

DECEMBER 1013 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 0 41	14♐47'32	12♎23	2♐50	6♐12	5♐ 3	22♒11	20♏37	28°R38	24♑23	8♐18	25°R25	26♋47	9♋57	17°R 1	T 1
W 2	5 4 37	15°48'43	26° 6	4°21	7°27	5°47	22°20	20°44	28♈36	24°25	8°20	25♋21	26°43	10° 3	17♌ 0	W 2
T 3	5 8 34	16°49'55	10♏17	5°53	8°43	6°31	22°30	20°50	28°35	24°27	8°22	25°15	26°40	10°10	16°59	T 3
F 4	5 12 30	17°51'07	24°54	7°25	9°58	7°16	22°39	20°57	28°34	24°28	8°24	25° 9	26°37	10°17	16°58	F 4
S 5	5 16 27	18°52'19	9♐51	8°58	11°14	8° 0	22°49	21° 4	28°32	24°30	8°27	25° 3	26°34	10°23	16°57	S 5
S 6	5 20 24	19°53'32	25° 0	10°30	12°29	8°45	22°59	21°10	28°31	24°32	8°29	24°59	26°31	10°30	16°56	S 6
M 7	5 24 20	20°54'46	10♑11	12° 3	13°45	9°29	23° 9	21°17	28°30	24°34	8°31	24°56	26°27	10°37	16°55	M 7
T 8	5 28 17	21°55'59	25°13	13°36	15° 0	10°14	23°20	21°23	28°28	24°36	8°33	24°D55	26°24	10°43	16°53	T 8
W 9	5 32 13	22°57'12	9♒59	15°10	16°16	10°59	23°30	21°30	28°27	24°38	8°36	24°56	26°21	10°50	16°52	W 9
T 10	5 36 10	23°58'25	24°25	16°43	17°31	11°43	23°40	21°36	28°26	24°40	8°38	24°57	26°18	10°57	16°50	T 10
F 11	5 40 6	24°59'38	8♓26	18°17	18°47	12°28	23°51	21°42	28°25	24°42	8°40	24°59	26°15	11° 3	16°49	F 11
S 12	5 44 3	26° 0'51	22° 4	19°52	20° 2	13°13	24° 2	21°49	28°24	24°44	8°42	25°R 0	26°12	11°10	16°47	S 12
S 13	5 48 0	27° 2'03	5♈19	21°26	21°18	13°58	24°13	21°55	28°23	24°46	8°44	25° 0	26° 8	11°16	16°45	S 13
M14	5 51 56	28° 3'15	18°14	23° 1	22°33	14°42	24°24	22° 1	28°22	24°49	8°47	24°58	26° 5	11°23	16°43	M14
T 15	5 55 53	29° 4'26	0♉52	24°37	23°49	15°27	24°35	22° 7	28°21	24°51	8°49	24°55	26° 2	11°30	16°41	T 15
W16	5 59 49	0♑ 5'37	13°16	26°12	25° 4	16°12	24°46	22°13	28°20	24°53	8°51	24°51	25°59	11°36	16°39	W16
T 17	6 3 46	1° 6'48	25°29	27°48	26°20	16°57	24°57	22°19	28°20	24°55	8°53	24°47	25°56	11°43	16°36	T 17
F 18	6 7 42	2° 7'59	7♊32	29°25	27°35	17°42	25° 8	22°25	28°19	24°57	8°55	24°43	25°53	11°50	16°34	F 18
S 19	6 11 39	3° 9'09	19°29	1♑ 2	28°51	18°27	25°20	22°31	28°18	24°59	8°57	24°40	25°49	11°56	16°32	S 19
S 20	6 15 35	4°10'19	1♋21	2°39	0♑ 6	19°12	25°31	22°37	28°18	25° 1	8°59	24°37	25°46	12° 3	16°29	S 20
M21	6 19 32	5°11'28	13° 9	4°17	1°22	19°58	25°43	22°43	28°17	25° 3	9° 2	24°35	25°43	12°10	16°26	M21
T 22	6 23 29	6°12'38	24°57	5°55	2°37	20°43	25°55	22°49	28°17	25° 6	9° 4	24°D35	25°40	12°16	16°24	T 22
W23	6 27 25	7°13'47	6♌46	7°33	3°53	21°28	26° 6	22°55	28°16	25° 8	9° 6	24°35	25°37	12°23	16°21	W23
T 24	6 31 22	8°14'55	18°39	9°13	5° 8	22°13	26°18	23° 1	28°16	25°10	9° 8	24°36	25°33	12°30	16°18	T 24
F 25	6 35 18	9°16'04	0♍38	10°52	6°23	22°59	26°30	23° 6	28°15	25°12	9°10	24°38	25°30	12°36	16°15	F 25
S 26	6 39 15	10°17'12	12°49	12°32	7°39	23°44	26°42	23°12	28°15	25°14	9°12	24°39	25°27	12°43	16°12	S 26
S 27	6 43 11	11°18'19	25°14	14°13	8°54	24°29	26°55	23°17	28°15	25°17	9°14	24°40	25°24	12°50	16° 8	S 27
M28	6 47 8	12°19'27	7♎58	15°54	10°10	25°15	27° 7	23°23	28°14	25°19	9°16	24°R41	25°21	12°56	16° 5	M28
T 29	6 51 4	13°20'34	21° 4	17°35	11°25	26° 0	27°19	23°28	28°14	25°21	9°18	24°41	25°18	13° 3	16° 2	T 29
W30	6 55 1	14°21'40	4♏35	19°17	12°41	26°46	27°32	23°34	28°14	25°23	9°20	24°40	25°14	13°10	15°58	W30
T 31	6 58 58	15♑22'47	18♏34	21♑ 0	13♑56	27♐31	27♒44	23♏39	28♈14	25♑26	9♐22	24♋39	25♋11	13♋16	15♌55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s42	0s16	5n 3	20s49	0n 1	21s 7	0n20	21s34	0s19	15s16	1s 8	16s 8	1n56	10n35	0s30	21s11	0n10	13s39	8n15	21n10	20n55	21n42	9n33	6s34
W 2	22 48	5 18	5 11	21 13	0s 6	21 23	0 18	21 43	0 20	15 13	1 8	16 10	1 56	10 34	0 30	21 11	0 10	13 40	8 15	21 11	20 55	21 42	9 33	6 35
T 3	22 55	10 13	5 0	21 37	0 13	21 37	0 15	21 51	0 21	15 9	1 8	16 11	1 56	10 34	0 30	21 11	0 10	13 40	8 15	21 12	20 56	21 43	9 33	6 35
F 4	23 0	14 43	4 30	21 59	0 20	21 51	0 13	21 59	0 21	15 6	1 8	16 13	1 56	10 34	0 30	21 10	0 10	13 40	8 15	21 13	20 57	21 43	9 32	6 36
S 5	23 6	18 24	3 41	22 21	0 26	22 4	0 11	22 7	0 22	15 3	1 8	16 15	1 56	10 33	0 30	21 10	0 10	13 41	8 15	21 14	20 57	21 43	9 32	6 36
S 6	23 11	20 52	2 36	22 41	0 33	22 17	0 8	22 15	0 23	14 59	1 7	16 16	1 56	10 33	0 29	21 10	0 10	13 41	8 15	21 15	20 58	21 44	9 32	6 37
M 7	23 15	21 51	1 20	23 0	0 39	22 28	0 6	22 22	0 23	14 56	1 7	16 18	1 56	10 32	0 29	21 9	0 10	13 41	8 15	21 15	20 58	21 44	9 32	6 38
T 8	23 19	21 14	0s 2	23 18	0 45	22 40	0 3	22 30	0 24	14 52	1 7	16 20	1 57	10 32	0 29	21 9	0 10	13 42	8 15	21 15	20 59	21 44	9 31	6 38
W 9	23 23	19 9	1 22	23 35	0 52	22 50	0 1	22 37	0 24	14 49	1 7	16 21	1 57	10 31	0 29	21 9	0 10	13 42	8 15	21 15	21 0	21 45	9 31	6 39
T 10	23 26	15 53	2 35	23 51	0 57	23 0	0s 1	22 43	0 25	14 45	1 7	16 23	1 57	10 31	0 29	21 8	0 10	13 43	8 15	21 15	21 0	21 45	9 31	6 39
F 11	23 28	11 47	3 36	24 6	1 3	23 9	0 4	22 50	0 26	14 42	1 7	16 25	1 57	10 31	0 29	21 8	0 10	13 43	8 15	21 15	21 1	21 45	9 31	6 40
S 12	23 30	7 12	4 24	24 19	1 9	23 18	0 6	22 56	0 26	14 38	1 7	16 26	1 57	10 30	0 29	21 8	0 10	13 43	8 15	21 15	21 1	21 46	9 31	6 41
S 13	23 32	2 24	4 56	24 31	1 14	23 25	0 9	23 3	0 27	14 34	1 7	16 28	1 57	10 30	0 29	21 7	0 10	13 44	8 15	21 15	21 2	21 46	9 31	6 41
M14	23 33	2n23	5 12	24 42	1 19	23 32	0 11	23 8	0 28	14 30	1 7	16 29	1 57	10 30	0 29	21 7	0 10	13 44	8 15	21 15	21 3	21 46	9 31	6 42
T 15	23 34	6 57	5 12	24 52	1 24	23 39	0 13	23 14	0 28	14 27	1 6	16 31	1 57	10 29	0 29	21 7	0 10	13 44	8 15	21 16	21 3	21 47	9 31	6 42
W16	23 34	11 10	4 58	25 0	1 29	23 44	0 16	23 19	0 29	14 23	1 6	16 32	1 57	10 29	0 29	21 6	0 10	13 45	8 15	21 16	21 4	21 47	9 31	6 43
T 17	23 34	14 51	4 31	25 6	1 34	23 49	0 18	23 25	0 29	14 19	1 6	16 34	1 57	10 29	0 29	21 6	0 10	13 45	8 15	21 17	21 4	21 47	9 32	6 43
F 18	23 33	17 53	3 51	25 12	1 38	23 53	0 20	23 30	0 30	14 15	1 6	16 35	1 57	10 29	0 29	21 5	0 10	13 45	8 15	21 18	21 5	21 47	9 32	6 44
S 19	23 32	20 8	3 2	25 15	1 42	23 56	0 23	23 34	0 31	14 11	1 6	16 37	1 57	10 28	0 29	21 5	0 10	13 45	8 15	21 18	21 6	21 48	9 32	6 44
S 20	23 30	21 29	2 5	25 18	1 45	23 59	0 25	23 39	0 31	14 7	1 6	16 38	1 57	10 28	0 29	21 5	0 10	13 46	8 15	21 19	21 6	21 48	9 32	6 45
M21	23 28	21 52	1 3	25 19	1 49	24 1	0 27	23 43	0 32	14 3	1 6	16 39	1 57	10 28	0 29	21 4	0 10	13 46	8 15	21 19	21 7	21 48	9 33	6 45
T 22	23 25	21 17	0n 2	25 18	1 52	24 2	0 30	23 47	0 32	13 59	1 6	16 41	1 57	10 28	0 29	21 4	0 10	13 46	8 15	21 19	21 7	21 48	9 33	6 46
W23	23 22	19 46	1 7	25 16	1 55	24 2	0 32	23 50	0 33	13 55	1 6	16 42	1 58	10 28	0 29	21 4	0 10	13 47	8 15	21 19	21 8	21 49	9 33	6 46
T 24	23 18	17 22	2 9	25 12	1 57	24 2	0 34	23 54	0 34	13 50	1 6	16 44	1 58	10 28	0 29	21 3	0 10	13 47	8 15	21 19	21 9	21 49	9 34	6 47
F 25	23 14	14 13	3 7	25 6	2 0	24 1	0 36	23 57	0 34	13 46	1 5	16 45	1 58	10 28	0 29	21 3	0 10	13 47	8 15	21 19	21 9	21 49	9 34	6 47
S 26	23 10	10 25	3 57	24 59	2 1	23 59	0 38	24 0	0 35	13 42	1 5	16 46	1 58	10 28	0 29	21 2	0 10	13 47	8 15	21 18	21 10	21 49	9 35	6 48
S 27	23 5	6 8	4 37	24 50	2 3	23 56	0 40	24 3	0 36	13 38	1 5	16 47	1 58	10 27	0 29	21 2	0 10	13 48	8 15	21 18	21 10	21 50	9 35	6 48
M28	22 59	1 29	5 4	24 40	2 4	23 53	0 43	24 5	0 36	13 33	1 5	16 49	1 58	10 27	0 29	21 2	0 10	13 48	8 15	21 18	21 11	21 50	9 36	6 48
T 29	22 54	3s22	5 17	24 28	2 4	23 49	0 45	24 7	0 37	13 29	1 5	16 50	1 58	10 27	0 29	21 1	0 10	13 48	8 15	21 18	21 11	21 50	9 36	6 49
W30	22 47	8 12	5 13	24 14	2 5	23 44	0 47	24 9	0 37	13 25	1 5	16 51	1 58	10 27	0 29	21 1	0 10	13 48	8 15	21 18	21 12	21 50	9 37	6 49
T 31	22s40	12s47	4n51	23s58	2s 4	23s38	0s49	24s10	0s38	13s20	1s 5	16s52	1n58	10n27	0s29	21s 0	0n10	13s49	8n15	21n18	21n13	21n50	9n38	6s50

Julian Day Number = 2091390.5, Delta T = 23m17s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'46, Lahiri = 10°06'46 Julian Calendar 1 Dec. 1013 == Greg. Calendar 7 Dec. 1013

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

JANUARY 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 2 54	16♉23'53	2♐59	22♉43	15♉11	28♐17	27♒57	23♏44	28°D14	25♉28	9♐23	24°R38	25♋ 8	13♋23	15°R51	F 1
S 2	7 6 51	17°24'58	17°47	24°26	16°27	29° 2	28° 9	23°49	28♈14	25°30	9°25	24♋37	25° 5	13°29	15♌48	S 2
S 3	7 10 47	18°26'03	2♉52	26° 9	17°42	29°48	28°22	23°54	28°14	25°32	9°27	24°37	25° 2	13°36	15°44	S 3
M 4	7 14 44	19°27'07	18° 6	27°53	18°58	0♉34	28°35	23°59	28°14	25°35	9°29	24°D36	24°59	13°43	15°40	M 4
T 5	7 18 40	20°28'11	3♒18	29°37	20°13	1°20	28°48	24° 4	28°15	25°37	9°31	24°36	24°55	13°49	15°36	T 5
W 6	7 22 37	21°29'13	18°19	1♒21	21°28	2° 5	29° 1	24° 9	28°15	25°39	9°33	24°37	24°52	13°56	15°33	W 6
T 7	7 26 33	22°30'14	3♓ 1	3° 6	22°44	2°51	29°14	24°14	28°15	25°41	9°35	24°37	24°49	14° 3	15°29	T 7
F 8	7 30 30	23°31'14	17°18	4°49	23°59	3°37	29°27	24°19	28°16	25°44	9°36	24°37	24°46	14° 9	15°25	F 8
S 9	7 34 27	24°32'13	1♈ 9	6°33	25°14	4°23	29°40	24°23	28°16	25°46	9°38	24°R37	24°43	14°16	15°21	S 9
S 10	7 38 23	25°33'10	14°33	8°16	26°30	5° 9	29°53	24°28	28°16	25°48	9°40	24°37	24°39	14°23	15°16	S 10
M11	7 42 20	26°34'06	27°31	9°58	27°45	5°55	0♓ 6	24°33	28°17	25°51	9°42	24°D37	24°36	14°29	15°12	M11
T 12	7 46 16	27°35'00	10♉ 8	11°39	29° 0	6°40	0°20	24°37	28°18	25°53	9°43	24°37	24°33	14°36	15° 8	T 12
W13	7 50 13	28°35'53	22°27	13°19	0♒15	7°26	0°33	24°41	28°18	25°55	9°45	24°37	24°30	14°43	15° 4	W13
T 14	7 54 9	29°36'45	4♊32	14°57	1°31	8°12	0°46	24°46	28°19	25°57	9°46	24°38	24°27	14°49	14°59	T 14
F 15	7 58 6	0♒37'35	16°28	16°33	2°46	8°58	1° 0	24°50	28°20	26° 0	9°48	24°39	24°24	14°56	14°55	F 15
S 16	8 2 2	1°38'24	28°18	18° 6	4° 1	9°44	1°13	24°54	28°20	26° 2	9°50	24°39	24°20	15° 3	14°51	S 16
S 17	8 5 59	2°39'12	10♋ 6	19°35	5°16	10°31	1°27	24°58	28°21	26° 4	9°51	24°40	24°17	15° 9	14°46	S 17
M18	8 9 56	3°39'58	21°53	21° 1	6°32	11°17	1°41	25° 2	28°22	26° 6	9°53	24°R40	24°14	15°16	14°42	M18
T 19	8 13 52	4°40'43	3♌44	22°23	7°47	12° 3	1°54	25° 6	28°23	26° 9	9°54	24°40	24°11	15°23	14°37	T 19
W20	8 17 49	5°41'26	15°39	23°39	9° 2	12°49	2° 8	25°10	28°24	26°11	9°56	24°39	24° 8	15°29	14°33	W20
T 21	8 21 45	6°42'08	27°41	24°49	10°17	13°35	2°22	25°13	28°25	26°13	9°57	24°38	24° 5	15°36	14°28	T 21
F 22	8 25 42	7°42'49	9♍51	25°53	11°32	14°21	2°36	25°17	28°26	26°15	9°59	24°36	24° 1	15°42	14°24	F 22
S 23	8 29 38	8°43'28	22°12	26°49	12°47	15° 8	2°49	25°21	28°27	26°18	10° 0	24°34	23°58	15°49	14°19	S 23
S 24	8 33 35	9°44'06	4♎46	27°37	14° 3	15°54	3° 3	25°24	28°28	26°20	10° 1	24°32	23°55	15°56	14°15	S 24
M25	8 37 31	10°44'43	17°35	28°16	15°18	16°40	3°17	25°27	28°30	26°22	10° 3	24°30	23°52	16° 2	14°10	M25
T 26	8 41 28	11°45'19	0♏41	28°46	16°33	17°26	3°31	25°31	28°31	26°24	10° 4	24°29	23°49	16° 9	14° 5	T 26
W27	8 45 25	12°45'53	14° 6	29° 7	17°48	18°13	3°45	25°34	28°32	26°27	10° 5	24°D29	23°45	16°16	14° 1	W27
T 28	8 49 21	13°46'26	27°52	29°R17	19° 3	18°59	3°59	25°37	28°34	26°29	10° 7	24°29	23°42	16°22	13°56	T 28
F 29	8 53 18	14°46'58	12♐ 0	29°16	20°18	19°46	4°13	25°40	28°35	26°31	10° 8	24°30	23°39	16°29	13°52	F 29
S 30	8 57 14	15°47'28	26°28	29° 6	21°33	20°32	4°27	25°43	28°37	26°33	10° 9	24°32	23°36	16°36	13°47	S 30
S 31	9 1 11	16♒47'58	11♉13	28♒45	22♒48	21♉18	4♓42	25♏46	28♈38	26♉35	10♐10	24♋33	23♋33	16♋42	13♌42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s33	16s47	4n 9	23s41	2s 4	23s32	0s50	24s12	0s39	13s16	1s 5	16s54	1n58	10n27	0s29	21s 0	0n10	13s49	8n15	21n19	21n13	21n51	9n38	6s50
S 2	22 25	19 50	3 11	23 21	2 3	23 25	0 52	24 13	0 39	13 11	1 5	16 55	1 59	10 27	0 29	21 0	0 10	13 49	8 15	21 19	21 14	21 51	9 39	6 50
S 3	22 17	21 34	1 58	23 0	2 1	23 17	0 54	24 14	0 40	13 7	1 5	16 56	1 59	10 28	0 29	20 59	0 10	13 49	8 15	21 19	21 14	21 51	9 40	6 51
M 4	22 9	21 44	0 36	22 38	1 59	23 9	0 56	24 14	0 40	13 2	1 5	16 57	1 59	10 28	0 29	20 59	0 10	13 49	8 15	21 19	21 15	21 51	9 40	6 51
T 5	22 0	20 18	0s48	22 13	1 56	22 59	0 58	24 14	0 41	12 58	1 5	16 58	1 59	10 28	0 29	20 58	0 10	13 50	8 16	21 19	21 15	21 51	9 41	6 51
W 6	21 50	17 27	2 8	21 47	1 52	22 49	1 0	24 14	0 41	12 53	1 5	16 59	1 59	10 28	0 29	20 58	0 10	13 50	8 16	21 19	21 16	21 52	9 42	6 52
T 7	21 41	13 32	3 18	21 19	1 48	22 39	1 1	24 14	0 42	12 49	1 4	17 0	1 59	10 28	0 28	20 58	0 10	13 50	8 16	21 19	21 17	21 52	9 43	6 52
F 8	21 30	8 55	4 13	20 50	1 44	22 28	1 3	24 14	0 43	12 44	1 4	17 1	1 59	10 28	0 28	20 57	0 10	13 50	8 16	21 19	21 17	21 52	9 44	6 52
S 9	21 20	4 0	4 52	20 19	1 38	22 16	1 5	24 13	0 43	12 39	1 4	17 2	1 59	10 28	0 28	20 57	0 10	13 50	8 16	21 19	21 18	21 52	9 45	6 53
S 10	21 9	0n57	5 13	19 47	1 32	22 3	1 6	24 12	0 44	12 35	1 4	17 3	2 0	10 28	0 28	20 56	0 10	13 50	8 16	21 19	21 18	21 52	9 46	6 53
M11	20 57	5 42	5 18	19 13	1 25	21 50	1 8	24 10	0 44	12 30	1 4	17 4	2 0	10 29	0 28	20 56	0 10	13 50	8 16	21 19	21 19	21 52	9 47	6 53
T 12	20 45	10 5	5 7	18 37	1 18	21 36	1 9	24 9	0 45	12 25	1 4	17 5	2 0	10 29	0 28	20 55	0 10	13 51	8 16	21 19	21 19	21 53	9 48	6 53
W13	20 33	13 56	4 42	18 1	1 9	21 21	1 11	24 7	0 46	12 20	1 4	17 6	2 0	10 29	0 28	20 55	0 10	13 51	8 16	21 19	21 20	21 53	9 49	6 53
T 14	20 20	17 9	4 4	17 24	1 0	21 6	1 12	24 5	0 46	12 15	1 4	17 7	2 0	10 29	0 28	20 55	0 10	13 51	8 16	21 19	21 21	21 53	9 50	6 54
F 15	20 7	19 37	3 17	16 45	0 50	20 50	1 13	24 2	0 47	12 10	1 4	17 8	2 0	10 30	0 28	20 54	0 10	13 51	8 17	21 19	21 21	21 53	9 51	6 54
S 16	19 54	21 12	2 21	16 7	0 39	20 33	1 14	23 59	0 47	12 6	1 4	17 9	2 0	10 30	0 28	20 54	0 10	13 51	8 17	21 18	21 22	21 53	9 52	6 54
S 17	19 40	21 51	1 20	15 28	0 28	20 16	1 16	23 57	0 48	12 1	1 4	17 10	2 0	10 30	0 28	20 53	0 10	13 51	8 17	21 18	21 22	21 53	9 53	6 54
M18	19 26	21 31	0 15	14 49	0 15	19 59	1 17	23 53	0 48	11 56	1 4	17 10	2 1	10 31	0 28	20 53	0 10	13 51	8 17	21 18	21 23	21 53	9 54	6 54
T 19	19 12	20 14	0n50	14 10	0 2	19 40	1 18	23 50	0 49	11 51	1 4	17 11	2 1	10 31	0 28	20 53	0 10	13 51	8 17	21 18	21 23	21 53	9 55	6 54
W20	18 57	18 2	1 54	13 32	0n12	19 22	1 19	23 46	0 49	11 46	1 4	17 12	2 1	10 32	0 28	20 52	0 10	13 51	8 17	21 18	21 24	21 53	9 56	6 55
T 21	18 42	15 3	2 53	12 54	0 26	19 2	1 20	23 42	0 50	11 41	1 4	17 13	2 1	10 32	0 28	20 52	0 10	13 52	8 17	21 19	21 25	21 54	9 58	6 55
F 22	18 26	11 23	3 45	12 19	0 41	18 42	1 21	23 38	0 51	11 36	1 4	17 14	2 1	10 32	0 28	20 51	0 10	13 52	8 17	21 19	21 25	21 54	9 59	6 55
S 23	18 10	7 12	4 28	11 45	0 57	18 22	1 22	23 33	0 51	11 31	1 4	17 14	2 1	10 33	0 28	20 51	0 10	13 52	8 18	21 19	21 26	21 54	10 0	6 55
S 24	17 54	2 39	4 58	11 13	1 13	18 1	1 22	23 28	0 52	11 26	1 4	17 15	2 1	10 33	0 28	20 50	0 10	13 52	8 18	21 20	21 26	21 54	10 1	6 55
M25	17 38	2s 6	5 14	10 44	1 29	17 39	1 23	23 23	0 52	11 21	1 4	17 16	2 2	10 34	0 28	20 50	0 10	13 52	8 18	21 20	21 27	21 54	10 2	6 55
T 26	17 21	6 51	5 15	10 19	1 46	17 17	1 24	23 18	0 53	11 15	1 4	17 16	2 2	10 34	0 28	20 50	0 10	13 52	8 18	21 20	21 27	21 54	10 4	6 55
W27	17 4	11 24	4 58	9 56	2 2	16 55	1 24	23 12	0 53	11 10	1 4	17 17	2 2	10 35	0 28	20 49	0 9	13 52	8 18	21 20	21 28	21 54	10 5	6 55
T 28	16 47	15 30	4 24	9 38	2 18	16 32	1 25	23 6	0 54	11 5	1 4	17 17	2 2	10 35	0 28	20 49	0 9	13 52	8 18	21 20	21 28	21 54	10 6	6 55
F 29	16 29	18 49	3 34	9 24	2 33	16 9	1 25	23 0	0 54	11 0	1 4	17 18	2 2	10 36	0 28	20 48	0 9	13 52	8 18	21 20	21 29	21 54	10 8	6 55
S 30	16 11	21 2	2 29	9 14	2 48	15 45	1 26	22 53	0 55	10 55	1 4	17 19	2 2	10 36	0 28	20 48	0 9	13 52	8 19	21 20	21 30	21 54	10 9	6 55
S 31	15s53	21s53	1n13	9s 8	3n 1	15s21	1s26	22s47	0s55	10s50	1s 4	17s19	2n 2	10n37	0s28	20s48	0n 9	13s52	8n19	21n20	21n30	21n54	10n10	6s55

Julian Day Number = 2091421.5, Delta T = 23m16s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'50, Lahiri = 10°06'51 Julian Calendar 1 Jan. 1014 == Greg. Calendar 7 Jan. 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

FEBRUARY 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 5 7	17♒48'25	26♑11	28°R15	24♒ 3	22♑ 5	4♓56	25♏48	28♈40	26♑38	10♐11	24°R33	23♋30	16♋49	13°R38	M 1
T 2	9 9 4	18°48'51	11♒13	27♒36	25°18	22°51	5°10	25°51	28°41	26°40	10°13	24♋33	23°26	16°56	13♌33	T 2
W 3	9 13 1	19°49'16	26°11	26°50	26°33	23°38	5°24	25°54	28°43	26°42	10°14	24°30	23°23	17° 2	13°29	W 3
T 4	9 16 57	20°49'38	10♓57	25°57	27°48	24°24	5°39	25°56	28°45	26°44	10°15	24°27	23°20	17° 9	13°24	T 4
F 5	9 20 54	21°49'59	25°22	24°59	29° 3	25°11	5°53	25°58	28°47	26°46	10°16	24°23	23°17	17°15	13°19	F 5
S 6	9 24 50	22°50'18	9♈22	23°57	0♓18	25°57	6° 7	26° 1	28°48	26°48	10°17	24°19	23°14	17°22	13°15	S 6
S 7	9 28 47	23°50'34	22°55	22°53	1°33	26°44	6°22	26° 3	28°50	26°50	10°18	24°15	23°11	17°29	13°10	S 7
M 8	9 32 43	24°50'49	6♉ 1	21°49	2°48	27°31	6°36	26° 5	28°52	26°52	10°19	24°12	23° 7	17°35	13° 6	M 8
T 9	9 36 40	25°51'01	18°43	20°46	4° 3	28°17	6°50	26° 7	28°54	26°54	10°19	24°11	23° 4	17°42	13° 1	T 9
W10	9 40 36	26°51'12	1♊ 3	19°46	5°18	29° 4	7° 5	26° 9	28°56	26°56	10°20	24°D10	23° 1	17°49	12°57	W10
T 11	9 44 33	27°51'20	13° 8	18°49	6°32	29°50	7°19	26°11	28°58	26°58	10°21	24°11	22°58	17°55	12°53	T 11
F 12	9 48 29	28°51'26	25° 2	17°57	7°47	0♒37	7°33	26°12	29° 0	27° 0	10°22	24°13	22°55	18° 2	12°48	F 12
S 13	9 52 26	29°51'30	6♋50	17°10	9° 2	1°24	7°48	26°14	29° 2	27° 2	10°23	24°15	22°51	18° 9	12°44	S 13
S 14	9 56 23	0♓51'32	18°36	16°29	10°17	2°10	8° 2	26°15	29° 4	27° 4	10°23	24°R16	22°48	18°15	12°40	S 14
M15	10 0 19	1°51'32	0♌26	15°55	11°32	2°57	8°17	26°17	29° 7	27° 6	10°24	24°16	22°45	18°22	12°35	M15
T 16	10 4 16	2°51'30	12°21	15°28	12°46	3°44	8°31	26°18	29° 9	27° 8	10°25	24°14	22°42	18°29	12°31	T 16
W17	10 8 12	3°51'25	24°25	15° 7	14° 1	4°30	8°46	26°19	29°11	27°10	10°26	24°11	22°39	18°35	12°27	W17
T 18	10 12 9	4°51'19	6♍39	14°53	15°16	5°17	9° 0	26°20	29°13	27°12	10°26	24° 5	22°36	18°42	12°23	T 18
F 19	10 16 5	5°51'10	19° 6	14°45	16°30	6° 4	9°15	26°21	29°16	27°14	10°27	23°58	22°32	18°49	12°19	F 19
S 20	10 20 2	6°51'00	1♎44	14°D44	17°45	6°50	9°29	26°22	29°18	27°16	10°27	23°50	22°29	18°55	12°15	S 20
S 21	10 23 58	7°50'48	14°35	14°49	19° 0	7°37	9°44	26°23	29°20	27°18	10°28	23°42	22°26	19° 2	12°11	S 21
M22	10 27 55	8°50'34	27°39	15° 0	20°14	8°24	9°58	26°24	29°23	27°20	10°28	23°35	22°23	19° 8	12° 7	M22
T 23	10 31 52	9°50'18	10♏56	15°16	21°29	9°10	10°13	26°24	29°25	27°21	10°29	23°30	22°20	19°15	12° 3	T 23
W24	10 35 48	10°50'00	24°26	15°37	22°43	9°57	10°27	26°25	29°28	27°23	10°29	23°27	22°16	19°22	12° 0	W24
T 25	10 39 45	11°49'41	8♐10	16° 4	23°58	10°44	10°42	26°25	29°30	27°25	10°29	23°D25	22°13	19°28	11°56	T 25
F 26	10 43 41	12°49'20	22° 7	16°35	25°12	11°31	10°56	26°26	29°33	27°27	10°30	23°26	22°10	19°35	11°52	F 26
S 27	10 47 38	13°48'57	6♑18	17°10	26°27	12°17	11°11	26°26	29°36	27°28	10°30	23°27	22° 7	19°42	11°49	S 27
S 28	10 51 34	14♓48'33	20♑42	17♒50	27♓41	13♒ 4	11♓25	26°R26	29♈38	27♑30	10♐30	23°R27	22♋ 4	19♋48	11♌45	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s35	21s10	0s 9	9s 7	3n13	14s56	1s26	22s40	0s56	10s44	1s 4	17s20	2n 3	10n37	0s28	20s47	0n 9	13s52	8n19	21n19	21n31	21n54	10n12	6s55
T 2	15 16	18 57	1 31	9 11	3 24	14 31	1 27	22 33	0 56	10 39	1 4	17 20	2 3	10 38	0 28	20 47	0 9	13 52	8 19	21 20	21 31	21 54	10 13	6 54
W 3	14 57	15 27	2 46	9 18	3 33	14 5	1 27	22 25	0 57	10 34	1 4	17 20	2 3	10 39	0 28	20 46	0 9	13 52	8 19	21 20	21 32	21 54	10 15	6 54
T 4	14 38	11 1	3 48	9 30	3 39	13 39	1 27	22 18	0 57	10 28	1 4	17 21	2 3	10 39	0 28	20 46	0 9	13 52	8 19	21 21	21 32	21 54	10 16	6 54
F 5	14 18	6 3	4 35	9 45	3 44	13 13	1 27	22 10	0 58	10 23	1 4	17 21	2 3	10 40	0 28	20 46	0 9	13 52	8 19	21 21	21 33	21 55	10 17	6 54
S 6	13 59	0 55	5 3	10 3	3 46	12 47	1 27	22 1	0 58	10 18	1 4	17 22	2 3	10 41	0 28	20 45	0 9	13 52	8 20	21 22	21 33	21 55	10 19	6 54
S 7	13 39	4n 6	5 14	10 23	3 47	12 20	1 27	21 53	0 59	10 13	1 4	17 22	2 4	10 41	0 28	20 45	0 9	13 52	8 20	21 23	21 34	21 55	10 20	6 54
M 8	13 19	8 46	5 7	10 46	3 45	11 53	1 27	21 44	0 59	10 7	1 4	17 22	2 4	10 42	0 28	20 44	0 9	13 52	8 20	21 23	21 34	21 55	10 22	6 53
T 9	12 58	12 54	4 46	11 10	3 41	11 25	1 26	21 35	1 0	10 2	1 4	17 23	2 4	10 43	0 27	20 44	0 9	13 52	8 20	21 23	21 35	21 55	10 23	6 53
W10	12 38	16 23	4 11	11 34	3 35	10 57	1 26	21 26	1 0	9 56	1 4	17 23	2 4	10 44	0 27	20 44	0 9	13 52	8 20	21 24	21 35	21 55	10 24	6 53
T 11	12 17	19 5	3 26	11 59	3 27	10 29	1 26	21 17	1 1	9 51	1 4	17 23	2 4	10 44	0 27	20 43	0 9	13 52	8 20	21 23	21 36	21 55	10 26	6 53
F 12	11 56	20 55	2 33	12 24	3 18	10 1	1 25	21 7	1 1	9 46	1 4	17 23	2 4	10 45	0 27	20 43	0 9	13 52	8 21	21 23	21 37	21 55	10 27	6 53
S 13	11 35	21 49	1 34	12 48	3 7	9 32	1 25	20 57	1 2	9 40	1 4	17 24	2 5	10 46	0 27	20 42	0 9	13 52	8 21	21 23	21 37	21 55	10 29	6 52
S 14	11 14	21 45	0 31	13 11	2 55	9 3	1 24	20 47	1 2	9 35	1 4	17 24	2 5	10 47	0 27	20 42	0 9	13 51	8 21	21 23	21 38	21 55	10 30	6 52
M15	10 52	20 43	0n34	13 33	2 43	8 34	1 24	20 37	1 3	9 29	1 4	17 24	2 5	10 47	0 27	20 42	0 9	13 51	8 21	21 23	21 38	21 54	10 32	6 52
T 16	10 31	18 44	1 37	13 54	2 30	8 5	1 23	20 27	1 3	9 24	1 4	17 24	2 5	10 48	0 27	20 41	0 9	13 51	8 21	21 23	21 39	21 54	10 33	6 51
W17	10 9	15 55	2 37	14 13	2 16	7 35	1 22	20 16	1 3	9 19	1 4	17 24	2 5	10 49	0 27	20 41	0 9	13 51	8 22	21 23	21 39	21 54	10 35	6 51
T 18	9 47	12 22	3 30	14 31	2 2	7 5	1 21	20 5	1 4	9 13	1 4	17 24	2 5	10 50	0 27	20 41	0 9	13 51	8 22	21 24	21 40	21 54	10 36	6 51
F 19	9 25	8 14	4 14	14 46	1 48	6 35	1 21	19 54	1 4	9 8	1 4	17 24	2 6	10 51	0 27	20 40	0 9	13 51	8 22	21 26	21 40	21 54	10 38	6 50
S 20	9 3	3 41	4 46	15 0	1 34	6 5	1 20	19 42	1 5	9 2	1 4	17 24	2 6	10 52	0 27	20 40	0 9	13 51	8 22	21 27	21 41	21 54	10 39	6 50
S 21	8 40	1s 6	5 5	15 12	1 20	5 35	1 19	19 31	1 5	8 57	1 4	17 24	2 6	10 52	0 27	20 40	0 9	13 51	8 22	21 28	21 41	21 54	10 40	6 50
M22	8 18	5 54	5 8	15 22	1 6	5 5	1 18	19 19	1 6	8 51	1 4	17 24	2 6	10 53	0 27	20 39	0 9	13 51	8 22	21 30	21 42	21 54	10 42	6 49
T 23	7 55	10 31	4 55	15 30	0 52	4 34	1 17	19 7	1 6	8 46	1 4	17 24	2 6	10 54	0 27	20 39	0 9	13 51	8 23	21 31	21 42	21 54	10 43	6 49
W24	7 33	14 42	4 25	15 37	0 39	4 3	1 15	18 55	1 6	8 40	1 4	17 24	2 6	10 55	0 27	20 39	0 9	13 50	8 23	21 31	21 43	21 54	10 45	6 48
T 25	7 10	18 10	3 40	15 41	0 26	3 33	1 14	18 42	1 7	8 35	1 4	17 24	2 7	10 56	0 27	20 38	0 9	13 50	8 23	21 31	21 43	21 54	10 46	6 48
F 26	6 47	20 39	2 41	15 44	0 14	3 2	1 13	18 30	1 7	8 29	1 4	17 24	2 7	10 57	0 27	20 38	0 9	13 50	8 23	21 31	21 44	21 54	10 48	6 47
S 27	6 24	21 54	1 31	15 45	0 1	2 31	1 11	18 17	1 7	8 24	1 4	17 24	2 7	10 58	0 27	20 38	0 9	13 50	8 23	21 31	21 44	21 54	10 49	6 47
S 28	6s 1	21s43	0n15	15s44	0s10	2s 0	1s10	18s 4	1s 8	8s18	1s 4	17s24	2n 7	10n59	0s27	20s37	0n 9	13s50	8n24	21n31	21n45	21n54	10n50	6s47

Julian Day Number = 2091452.5, Delta T = 23m16s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'54, Lahiri = 10°06'55 Julian Calendar 1 Feb. 1014 == Greg. Calendar 7 Feb. 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

MARCH 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 55 31	15♓48'06	5♒15	18♒33	28♓56	13♒51	11♓40	26°R26	29♈41	27♉32	10♐31	23°R27	22♋ 1	19♋55	11°R42	M 1
T 2	10 59 27	16°47'38	19°54	19°20	0♈10	14°38	11°54	26♏26	29°44	27°34	10°31	23♋24	21°57	20° 2	11♌38	T 2
W 3	11 3 24	17°47'08	4♓32	20°10	1°24	15°24	12° 9	26°25	29°47	27°35	10°31	23°19	21°54	20° 8	11°35	W 3
T 4	11 7 21	18°46'35	19° 3	21° 4	2°39	16°11	12°23	26°25	29°49	27°37	10°31	23°12	21°51	20°15	11°32	T 4
F 5	11 11 17	19°46'01	3♈20	22° 0	3°53	16°58	12°38	26°25	29°52	27°38	10°31	23° 3	21°48	20°22	11°29	F 5
S 6	11 15 14	20°45'24	17°17	23° 0	5° 7	17°45	12°52	26°24	29°55	27°40	10°31	22°53	21°45	20°28	11°26	S 6
S 7	11 19 10	21°44'46	0♉51	24° 2	6°22	18°31	13° 6	26°24	29°58	27°41	10°31	22°44	21°42	20°35	11°23	S 7
M 8	11 23 7	22°44'05	13°59	25° 6	7°36	19°18	13°21	26°23	0♉ 1	27°43	10°R31	22°36	21°38	20°41	11°20	M 8
T 9	11 27 3	23°43'21	26°44	26°13	8°50	20° 5	13°35	26°22	0° 4	27°44	10°31	22°30	21°35	20°48	11°17	T 9
W10	11 31 0	24°42'36	9♊ 7	27°22	10° 4	20°51	13°50	26°21	0° 7	27°46	10°31	22°27	21°32	20°55	11°15	W10
T 11	11 34 56	25°41'48	21°14	28°34	11°18	21°38	14° 4	26°20	0°10	27°47	10°31	22°D25	21°29	21° 1	11°12	T 11
F 12	11 38 53	26°40'58	3♋ 9	29°47	12°32	22°25	14°18	26°19	0°13	27°49	10°31	22°25	21°26	21° 8	11°10	F 12
S 13	11 42 49	27°40'05	14°57	1♓ 3	13°47	23°11	14°33	26°18	0°16	27°50	10°31	22°26	21°22	21°15	11° 7	S 13
S 14	11 46 46	28°39'10	26°45	2°21	15° 1	23°58	14°47	26°17	0°19	27°51	10°31	22°R26	21°19	21°21	11° 5	S 14
M15	11 50 43	29°38'13	8♌37	3°40	16°15	24°45	15° 1	26°15	0°22	27°53	10°31	22°25	21°16	21°28	11° 3	M15
T 16	11 54 39	0♈37'13	20°37	5° 1	17°29	25°31	15°15	26°14	0°25	27°54	10°30	22°21	21°13	21°35	11° 1	T 16
W17	11 58 36	1°36'11	2♍49	6°25	18°43	26°18	15°30	26°12	0°28	27°55	10°30	22°15	21°10	21°41	10°59	W17
T 18	12 2 32	2°35'07	15°16	7°49	19°56	27° 5	15°44	26°10	0°31	27°56	10°30	22° 6	21° 7	21°48	10°57	T 18
F 19	12 6 29	3°34'01	27°59	9°16	21°10	27°51	15°58	26° 9	0°34	27°58	10°29	21°55	21° 3	21°55	10°55	F 19
S 20	12 10 25	4°32'52	10♎58	10°44	22°24	28°38	16°12	26° 7	0°38	27°59	10°29	21°43	21° 0	22° 1	10°53	S 20
S 21	12 14 22	5°31'42	24°12	12°14	23°38	29°25	16°26	26° 5	0°41	28° 0	10°29	21°31	20°57	22° 8	10°52	S 21
M22	12 18 18	6°30'29	7♏39	13°46	24°52	0♓11	16°40	26° 3	0°44	28° 1	10°28	21°20	20°54	22°14	10°50	M22
T 23	12 22 15	7°29'15	21°17	15°19	26° 6	0°58	16°54	26° 1	0°47	28° 2	10°28	21°11	20°51	22°21	10°49	T 23
W24	12 26 12	8°27'59	5♐ 4	16°54	27°19	1°44	17° 8	25°59	0°50	28° 3	10°27	21° 5	20°48	22°28	10°47	W24
T 25	12 30 8	9°26'42	18°57	18°30	28°33	2°31	17°22	25°56	0°54	28° 4	10°27	21° 1	20°44	22°34	10°46	T 25
F 26	12 34 5	10°25'22	2♑57	20° 8	29°47	3°17	17°36	25°54	0°57	28° 5	10°26	21° 0	20°41	22°41	10°45	F 26
S 27	12 38 1	11°24'01	17° 2	21°48	1♉ 0	4° 4	17°50	25°51	1° 0	28° 6	10°26	21° 0	20°38	22°48	10°44	S 27
S 28	12 41 58	12°22'38	1♒11	23°29	2°14	4°50	18° 4	25°49	1° 4	28° 7	10°25	21° 0	20°35	22°54	10°43	S 28
M29	12 45 54	13°21'14	15°24	25°12	3°27	5°37	18°18	25°46	1° 7	28° 8	10°24	20°58	20°32	23° 1	10°42	M29
T 30	12 49 51	14°19'48	29°38	26°57	4°41	6°23	18°32	25°44	1°10	28° 9	10°24	20°54	20°28	23° 8	10°42	T 30
W31	12 53 47	15♈18'20	13♓50	28♓43	5♉55	7♓10	18♓45	25♏41	1♉14	28♑10	10♐23	20♋48	20♋25	23♋14	10♌41	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s38	20s 5	1s 3	15s41	0s22	1s29	1s 9	17s51	1s 8	8s13	1s 4	17s24	2n 7	11n 0	0s27	20s37	0n 9	13s50	8n24	21n31	21n45	21n54	10n52	6s46
T 2	5 14	17 6	2 17	15 37	0 33	0 58	1 7	17 37	1 9	8 7	1 4	17 24	2 7	11 1	0 27	20 37	0 9	13 50	8 24	21 32	21 46	21 53	10 53	6 46
W 3	4 51	13 2	3 22	15 31	0 43	0 26	1 6	17 24	1 9	8 2	1 4	17 23	2 8	11 2	0 27	20 36	0 9	13 49	8 24	21 32	21 46	21 53	10 54	6 45
T 4	4 28	8 14	4 13	15 23	0 53	0n 5	1 4	17 10	1 9	7 56	1 4	17 23	2 8	11 3	0 27	20 36	0 9	13 49	8 24	21 34	21 47	21 53	10 56	6 45
F 5	4 4	3 4	4 48	15 14	1 2	0 36	1 2	16 56	1 10	7 51	1 4	17 23	2 8	11 4	0 27	20 36	0 9	13 49	8 24	21 35	21 47	21 53	10 57	6 44
S 6	3 41	2n 9	5 4	15 3	1 11	1 7	1 1	16 42	1 10	7 45	1 4	17 23	2 8	11 5	0 27	20 35	0 9	13 49	8 25	21 37	21 48	21 53	10 58	6 43
S 7	3 17	7 6	5 2	14 50	1 20	1 38	0 59	16 28	1 10	7 40	1 4	17 22	2 8	11 6	0 27	20 35	0 9	13 49	8 25	21 38	21 48	21 53	11 0	6 43
M 8	2 54	11 36	4 44	14 36	1 28	2 10	0 57	16 14	1 11	7 34	1 4	17 22	2 8	11 7	0 27	20 35	0 9	13 49	8 25	21 40	21 49	21 53	11 1	6 42
T 9	2 30	15 26	4 13	14 20	1 35	2 41	0 55	15 59	1 11	7 29	1 4	17 22	2 8	11 8	0 27	20 34	0 9	13 48	8 25	21 41	21 49	21 53	11 2	6 42
W10	2 7	18 28	3 30	14 3	1 42	3 12	0 53	15 45	1 11	7 23	1 5	17 21	2 9	11 9	0 27	20 34	0 9	13 48	8 25	21 41	21 50	21 52	11 4	6 41
T 11	1 43	20 38	2 39	13 44	1 49	3 43	0 51	15 30	1 12	7 18	1 5	17 21	2 9	11 10	0 27	20 34	0 9	13 48	8 25	21 41	21 50	21 52	11 5	6 41
F 12	1 20	21 50	1 41	13 24	1 55	4 14	0 49	15 15	1 12	7 12	1 5	17 21	2 9	11 11	0 27	20 34	0 9	13 48	8 26	21 41	21 51	21 52	11 6	6 40
S 13	0 56	22 4	0 40	13 2	2 0	4 44	0 47	15 0	1 12	7 7	1 5	17 20	2 9	11 12	0 27	20 33	0 9	13 48	8 26	21 41	21 51	21 52	11 7	6 39
S 14	0 32	21 18	0n23	12 39	2 5	5 15	0 45	14 44	1 12	7 1	1 5	17 20	2 9	11 14	0 27	20 33	0 9	13 48	8 26	21 41	21 52	21 52	11 9	6 39
M15	0 9	19 34	1 25	12 14	2 10	5 46	0 43	14 29	1 13	6 56	1 5	17 19	2 9	11 15	0 27	20 33	0 9	13 47	8 26	21 41	21 52	21 52	11 10	6 38
T 16	0n15	16 58	2 24	11 48	2 14	6 16	0 41	14 13	1 13	6 50	1 5	17 19	2 9	11 16	0 27	20 33	0 9	13 47	8 26	21 42	21 53	21 51	11 11	6 38
W17	0 38	13 35	3 17	11 20	2 18	6 47	0 38	13 58	1 13	6 45	1 5	17 18	2 10	11 17	0 27	20 32	0 9	13 47	8 27	21 43	21 53	21 51	11 12	6 37
T 18	1 2	9 33	4 2	10 51	2 21	7 17	0 36	13 42	1 13	6 39	1 5	17 18	2 10	11 18	0 27	20 32	0 9	13 47	8 27	21 45	21 54	21 51	11 13	6 36
F 19	1 26	5 1	4 36	10 21	2 23	7 47	0 34	13 26	1 14	6 34	1 5	17 17	2 10	11 19	0 27	20 32	0 9	13 47	8 27	21 46	21 54	21 51	11 14	6 36
S 20	1 49	0 11	4 56	9 49	2 25	8 17	0 32	13 10	1 14	6 28	1 5	17 17	2 10	11 20	0 27	20 32	0 9	13 46	8 27	21 48	21 55	21 51	11 15	6 35
S 21	2 12	4s46	5 1	9 16	2 27	8 46	0 29	12 54	1 14	6 23	1 5	17 16	2 10	11 21	0 27	20 31	0 9	13 46	8 27	21 50	21 55	21 51	11 16	6 34
M22	2 36	9 34	4 50	8 41	2 28	9 16	0 27	12 37	1 14	6 18	1 5	17 15	2 10	11 23	0 27	20 31	0 9	13 46	8 27	21 52	21 56	21 50	11 17	6 34
T 23	2 59	13 58	4 21	8 6	2 28	9 45	0 24	12 21	1 15	6 12	1 6	17 15	2 10	11 24	0 27	20 31	0 9	13 46	8 27	21 53	21 56	21 50	11 18	6 33
W24	3 22	17 41	3 38	7 29	2 28	10 14	0 22	12 5	1 15	6 7	1 6	17 14	2 11	11 25	0 27	20 31	0 9	13 45	8 28	21 54	21 57	21 50	11 19	6 32
T 25	3 46	20 26	2 41	6 50	2 28	10 43	0 19	11 48	1 15	6 1	1 6	17 14	2 11	11 26	0 27	20 31	0 9	13 45	8 28	21 55	21 57	21 50	11 20	6 32
F 26	4 9	21 58	1 34	6 11	2 27	11 11	0 17	11 31	1 15	5 56	1 6	17 13	2 11	11 27	0 26	20 30	0 9	13 45	8 28	21 55	21 58	21 49	11 21	6 31
S 27	4 32	22 8	0 21	5 30	2 25	11 40	0 14	11 14	1 15	5 51	1 6	17 12	2 11	11 28	0 26	20 30	0 9	13 45	8 28	21 55	21 58	21 49	11 22	6 30
S 28	4 55	20 52	0s54	4 47	2 23	12 8	0 12	10 57	1 16	5 45	1 6	17 12	2 11	11 29	0 26	20 30	0 9	13 45	8 28	21 55	21 59	21 49	11 23	6 30
M29	5 18	18 18	2 5	4 4	2 21	12 35	0 9	10 40	1 16	5 40	1 6	17 11	2 11	11 31	0 26	20 30	0 9	13 44	8 28	21 55	21 59	21 49	11 24	6 29
T 30	5 41	14 37	3 9	3 20	2 18	13 3	0 7	10 23	1 16	5 35	1 6	17 10	2 11	11 32	0 26	20 30	0 9	13 44	8 28	21 56	22 0	21 48	11 25	6 28
W31	6n 3	10s 6	4s 1	2s34	2s14	13n30	0s 4	10s 6	1s16	5s29	1s 6	17s 9	2n11	11n33	0s26	20s30	0n 9	13s44	8n29	21n57	22n 0	21n48	11n26	6s27

Julian Day Number = 2091480.5, Delta T = 23m16s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 10°59'58, Lahiri = 10°06'59 Julian Calendar 1 March 1014 == Greg. Calendar 7 March 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

APRIL 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 57 44	16♈16'50	27♓56	0♈31	7♉ 8	7♓56	18♓59	25°R38	1♉17	28♑11	10°R22	20°R38	20♋22	23♋21	10°R41	T 1
F 2	13 1 41	17°15'18	11♈52	2°20	8°21	8°42	19°13	25♏35	1°21	28°11	10♐21	20°14	20♋26	20°19	23°28	10♌40	F 2
S 3	13 5 37	18°13'45	25°32	4°11	9°35	9°29	19°26	25°32	1°24	28°12	10°21	20°14	20°16	23°34	10°40	S 3
S 4	13 9 34	19°12'09	8♉54	6° 4	10°48	10°15	19°40	25°29	1°27	28°13	10°20	20° 2	20°13	23°41	10°40	S 4
M 5	13 13 30	20°10'32	21°56	7°58	12° 2	11° 1	19°53	25°26	1°31	28°14	10°19	19°51	20° 9	23°47	10°D40	M 5
T 6	13 17 27	21° 8'53	4♊37	9°54	13°15	11°48	20° 7	25°23	1°34	28°14	10°18	19°43	20° 6	23°54	10°40	T 6
W 7	13 21 23	22° 7'11	16°59	11°52	14°28	12°34	20°20	25°19	1°38	28°15	10°17	19°37	20° 3	24° 1	10°40	W 7
T 8	13 25 20	23° 5'28	29° 5	13°51	15°41	13°20	20°33	25°16	1°41	28°15	10°16	19°34	20° 0	24° 7	10°40	T 8
F 9	13 29 16	24° 3'43	11♋ 1	15°52	16°55	14° 6	20°47	25°12	1°44	28°16	10°15	19°33	19°57	24°14	10°41	F 9
S 10	13 33 13	25° 1'55	22°50	17°55	18° 8	14°53	21° 0	25° 9	1°48	28°16	10°14	19°32	19°53	24°21	10°41	S 10
S 11	13 37 10	26° 0'06	4♌39	19°58	19°21	15°39	21°13	25° 5	1°51	28°17	10°13	19°32	19°50	24°27	10°42	S 11
M12	13 41 6	26°58'14	16°32	22° 4	20°34	16°25	21°26	25° 2	1°55	28°17	10°12	19°31	19°47	24°34	10°43	M12
T 13	13 45 3	27°56'20	28°35	24°10	21°47	17°11	21°39	24°58	1°58	28°18	10°11	19°28	19°44	24°41	10°43	T 13
W14	13 48 59	28°54'25	10♍53	26°18	23° 0	17°57	21°52	24°54	2° 2	28°18	10°10	19°22	19°41	24°47	10°44	W14
T 15	13 52 56	29°52'27	23°29	28°26	24°13	18°43	22° 5	24°51	2° 5	28°19	10° 9	19°14	19°38	24°54	10°45	T 15
F 16	13 56 52	0♉50'28	6♎25	0♉35	25°26	19°29	22°18	24°47	2° 9	28°19	10° 8	19° 3	19°34	25° 1	10°47	F 16
S 17	14 0 49	1°48'26	19°41	2°45	26°39	20°15	22°31	24°43	2°12	28°19	10° 7	18°52	19°31	25° 7	10°48	S 17
S 18	14 4 45	2°46'23	3♏16	4°56	27°52	21° 1	22°43	24°39	2°16	28°19	10° 6	18°40	19°28	25°14	10°49	S 18
M19	14 8 42	3°44'19	17° 8	7° 6	29° 5	21°46	22°56	24°35	2°19	28°20	10° 5	18°29	19°25	25°21	10°51	M19
T 20	14 12 38	4°42'13	1♐11	9°16	0♊17	22°32	23° 9	24°31	2°23	28°20	10° 3	18°20	19°22	25°27	10°52	T 20
W21	14 16 35	5°40'06	15°22	11°26	1°30	23°18	23°21	24°27	2°26	28°20	10° 2	18°14	19°19	25°34	10°54	W21
T 22	14 20 32	6°37'57	29°36	13°35	2°43	24° 4	23°34	24°23	2°30	28°20	10° 1	18°11	19°15	25°40	10°56	T 22
F 23	14 24 28	7°35'47	13♑50	15°42	3°55	24°50	23°46	24°19	2°33	28°20	10° 0	18°D 9	19°12	25°47	10°58	F 23
S 24	14 28 25	8°33'36	28° 2	17°49	5° 8	25°35	23°58	24°15	2°36	28°20	9°58	18°10	19° 9	25°54	11° 0	S 24
S 25	14 32 21	9°31'23	12♒ 9	19°54	6°20	26°21	24°11	24°10	2°40	28°R20	9°57	18°R10	19° 6	26° 0	11° 2	S 25
M26	14 36 18	10°29'10	26°12	21°57	7°33	27° 6	24°23	24° 6	2°43	28°20	9°56	18° 9	19° 3	26° 7	11° 4	M26
T 27	14 40 14	11°26'55	10♓ 8	23°58	8°45	27°52	24°35	24° 2	2°47	28°20	9°55	18° 6	18°59	26°14	11° 6	T 27
W28	14 44 11	12°24'39	23°58	25°57	9°58	28°38	24°47	23°58	2°50	28°20	9°53	18° 0	18°56	26°20	11° 9	W28
T 29	14 48 7	13°22'22	7♈39	27°54	11°10	29°23	24°59	23°53	2°54	28°20	9°52	17°52	18°53	26°27	11°11	T 29
F 30	14 52 4	14♉20'03	21♈ 9	29♉48	12♊23	0♈ 8	25♓11	23♏49	2♉57	28♑20	9♐50	17♋43	18♋50	26♋34	11♌14	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n26	5s 4	4s38	1s47	2s10	13n57	0s 1	9s49	1s16	5s24	1s 6	17s 9	2n11	11n34	0s26	20s29	0n 9	13s44	8n29	21n58	22n 1	21n48	11n27	6s27
F 2	6 49	0n 9	4 57	0 59	2 5	14 23	0n 1	9 32	1 16	5 19	1 7	17 8	2 12	11 35	0 26	20 29	0 9	13 43	8 29	22 0	22 1	21 48	11 27	6 26
S 3	7 11	5 17	4 59	0 10	2 0	14 49	0 4	9 14	1 16	5 13	1 7	17 7	2 12	11 37	0 26	20 29	0 9	13 43	8 29	22 2	22 2	21 47	11 28	6 25
S 4	7 33	10 3	4 45	0n40	1 55	15 15	0 7	8 57	1 17	5 8	1 7	17 6	2 12	11 38	0 26	20 29	0 9	13 43	8 29	22 4	22 2	21 47	11 29	6 25
M 5	7 56	14 14	4 15	1 31	1 48	15 40	0 9	8 39	1 17	5 3	1 7	17 5	2 12	11 39	0 26	20 29	0 9	13 43	8 29	22 5	22 3	21 47	11 30	6 24
T 6	8 18	17 40	3 34	2 23	1 42	16 5	0 12	8 21	1 17	4 58	1 7	17 4	2 12	11 40	0 26	20 29	0 9	13 42	8 29	22 7	22 3	21 47	11 30	6 23
W 7	8 40	20 13	2 43	3 16	1 35	16 30	0 15	8 4	1 17	4 53	1 7	17 4	2 12	11 41	0 26	20 29	0 9	13 42	8 30	22 7	22 4	21 46	11 31	6 22
T 8	9 1	21 48	1 46	4 10	1 27	16 54	0 17	7 46	1 17	4 47	1 7	17 3	2 12	11 43	0 26	20 28	0 9	13 42	8 30	22 8	22 4	21 46	11 32	6 22
F 9	9 23	22 21	0 45	5 4	1 19	17 18	0 20	7 28	1 17	4 42	1 7	17 2	2 12	11 44	0 26	20 28	0 9	13 42	8 30	22 8	22 5	21 46	11 32	6 21
S 10	9 44	21 55	0n17	5 59	1 10	17 41	0 23	7 10	1 17	4 37	1 7	17 1	2 12	11 45	0 26	20 28	0 9	13 41	8 30	22 8	22 5	21 45	11 33	6 20
S 11	10 6	20 29	1 19	6 54	1 1	18 4	0 25	6 52	1 17	4 32	1 8	17 0	2 12	11 46	0 26	20 28	0 9	13 41	8 30	22 8	22 5	21 45	11 33	6 19
M12	10 27	18 9	2 18	7 50	0 52	18 26	0 28	6 34	1 17	4 27	1 8	16 59	2 12	11 47	0 26	20 28	0 9	13 41	8 30	22 8	22 6	21 45	11 34	6 19
T 13	10 48	15 1	3 11	8 46	0 43	18 48	0 31	6 16	1 17	4 22	1 8	16 58	2 12	11 49	0 26	20 28	0 9	13 41	8 30	22 9	22 6	21 44	11 34	6 18
W14	11 9	11 10	3 57	9 42	0 33	19 10	0 33	5 58	1 17	4 17	1 8	16 57	2 12	11 50	0 26	20 28	0 9	13 41	8 30	22 10	22 7	21 44	11 35	6 17
T 15	11 29	6 45	4 32	10 38	0 22	19 30	0 36	5 40	1 17	4 12	1 8	16 56	2 13	11 51	0 26	20 28	0 9	13 40	8 30	22 11	22 7	21 44	11 35	6 16
F 16	11 50	1 56	4 54	11 33	0 12	19 51	0 39	5 22	1 17	4 7	1 8	16 55	2 13	11 52	0 26	20 28	0 9	13 40	8 30	22 12	22 8	21 43	11 36	6 16
S 17	12 10	3s 5	5 1	12 28	0 1	20 11	0 41	5 4	1 17	4 2	1 8	16 54	2 13	11 53	0 26	20 28	0 9	13 40	8 30	22 14	22 8	21 43	11 36	6 15
S 18	12 30	8 6	4 52	13 23	0n 9	20 30	0 44	4 46	1 17	3 57	1 9	16 53	2 13	11 55	0 26	20 28	0 9	13 40	8 31	22 16	22 9	21 43	11 36	6 14
M19	12 50	12 48	4 25	14 16	0 20	20 49	0 47	4 28	1 17	3 52	1 9	16 52	2 13	11 56	0 26	20 28	0 9	13 39	8 31	22 17	22 9	21 42	11 37	6 14
T 20	13 9	16 53	3 42	15 8	0 30	21 7	0 49	4 10	1 17	3 47	1 9	16 51	2 13	11 57	0 26	20 28	0 9	13 39	8 31	22 18	22 10	21 42	11 37	6 13
W21	13 29	20 2	2 45	15 59	0 41	21 25	0 52	3 51	1 17	3 42	1 9	16 50	2 13	11 58	0 26	20 28	0 9	13 39	8 31	22 19	22 10	21 42	11 37	6 12
T 22	13 48	21 57	1 37	16 48	0 51	21 42	0 54	3 33	1 17	3 38	1 9	16 49	2 13	12 0	0 26	20 28	0 9	13 39	8 31	22 19	22 11	21 41	11 37	6 11
F 23	14 7	22 28	0 23	17 36	1 1	21 58	0 57	3 15	1 17	3 33	1 9	16 48	2 13	12 1	0 26	20 28	0 9	13 38	8 31	22 20	22 11	21 41	11 38	6 11
S 24	14 26	21 31	0s52	18 21	1 10	22 14	0 59	2 57	1 17	3 28	1 10	16 47	2 13	12 2	0 26	20 28	0 9	13 38	8 31	22 20	22 11	21 40	11 38	6 10
S 25	14 44	19 14	2 4	19 5	1 19	22 30	1 2	2 38	1 17	3 23	1 10	16 46	2 13	12 3	0 26	20 28	0 9	13 38	8 31	22 20	22 12	21 40	11 38	6 9
M26	15 3	15 48	3 8	19 46	1 28	22 44	1 4	2 20	1 17	3 19	1 10	16 45	2 13	12 4	0 26	20 28	0 9	13 38	8 31	22 20	22 12	21 40	11 38	6 8
T 27	15 21	11 30	4 0	20 25	1 36	22 58	1 6	2 2	1 17	3 14	1 10	16 44	2 13	12 6	0 26	20 28	0 9	13 37	8 31	22 20	22 13	21 39	11 38	6 8
W28	15 39	6 39	4 38	21 1	1 43	23 12	1 9	1 43	1 17	3 9	1 10	16 43	2 13	12 7	0 26	20 28	0 9	13 37	8 31	22 21	22 13	21 39	11 38	6 7
T 29	15 56	1 31	4 59	21 35	1 50	23 25	1 11	1 25	1 17	3 5	1 10	16 42	2 13	12 8	0 26	20 28	0 9	13 37	8 31	22 22	22 14	21 38	11 38	6 6
F 30	16n13	3n37	5s 3	22n 6	1n56	23n37	1n13	1s 7	1s17	3s 0	1s11	16s41	2n13	12n 9	0s26	20s28	0n 9	13s37	8n31	22n23	22n14	21n38	11n38	6s 6

Julian Day Number = 2091511.5, Delta T = 23m15s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'03, Lahiri = 10°07'03 Julian Calendar 1 Apr. 1014 == Greg. Calendar 7 Apr. 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

MAY 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 56 1	15♉17'44	4♉26	1♊39	13♊35	0♈54	25♓22	23°R45	3♉ 1	28°R20	9°R49	17°R32	18♋47	26♋40	11♌16	S 1
S 2	14 59 57	16°15'23	17°28	3°27	14°47	1°39	25°34	23♏40	3° 4	28♑20	9♐48	17♋22	18°44	26°47	11°19	S 2
M 3	15 3 54	17°13'01	0♊14	5°13	16° 0	2°24	25°46	23°36	3° 7	28°19	9°46	17°12	18°40	26°54	11°22	M 3
T 4	15 7 50	18°10'37	12°44	6°55	17°12	3°10	25°57	23°31	3°11	28°19	9°45	17° 5	18°37	27° 0	11°25	T 4
W 5	15 11 47	19° 8'13	25° 0	8°35	18°24	3°55	26° 8	23°27	3°14	28°19	9°43	17° 1	18°34	27° 7	11°28	W 5
T 6	15 15 43	20° 5'47	7♋ 3	10°11	19°36	4°40	26°20	23°23	3°18	28°19	9°42	16°58	18°31	27°14	11°31	T 6
F 7	15 19 40	21° 3'19	18°56	11°45	20°48	5°25	26°31	23°18	3°21	28°18	9°40	16°D58	18°28	27°20	11°35	F 7
S 8	15 23 36	22° 0'51	0♌45	13°15	22° 0	6°10	26°42	23°14	3°24	28°18	9°39	16°58	18°25	27°27	11°38	S 8
S 9	15 27 33	22°58'21	12°34	14°42	23°12	6°55	26°53	23° 9	3°28	28°17	9°37	16°59	18°21	27°33	11°42	S 9
M10	15 31 30	23°55'49	24°27	16° 6	24°24	7°40	27° 4	23° 5	3°31	28°17	9°36	17°R 0	18°18	27°40	11°45	M10
T 11	15 35 26	24°53'16	6♍31	17°27	25°36	8°25	27°15	23° 0	3°34	28°16	9°34	16°59	18°15	27°47	11°49	T 11
W12	15 39 23	25°50'42	18°50	18°44	26°48	9°10	27°25	22°56	3°37	28°16	9°33	16°56	18°12	27°53	11°53	W12
T 13	15 43 19	26°48'06	1♎29	19°59	27°59	9°55	27°36	22°51	3°41	28°15	9°31	16°52	18° 9	28° 0	11°57	T 13
F 14	15 47 16	27°45'30	14°30	21° 9	29°11	10°39	27°47	22°47	3°44	28°15	9°30	16°45	18° 5	28° 7	12° 0	F 14
S 15	15 51 12	28°42'52	27°56	22°17	0♋23	11°24	27°57	22°43	3°47	28°14	9°28	16°38	18° 2	28°13	12° 4	S 15
S 16	15 55 9	29°40'13	11♏45	23°20	1°34	12° 8	28° 7	22°38	3°50	28°14	9°27	16°31	17°59	28°20	12° 9	S 16
M17	15 59 5	0♊37'33	25°55	24°21	2°46	12°53	28°17	22°34	3°54	28°13	9°25	16°24	17°56	28°27	12°13	M17
T 18	16 3 2	1°34'52	10♐21	25°17	3°57	13°38	28°27	22°29	3°57	28°12	9°24	16°18	17°53	28°33	12°17	T 18
W19	16 6 59	2°32'11	24°56	26°10	5° 9	14°22	28°37	22°25	4° 0	28°12	9°22	16°14	17°50	28°40	12°22	W19
T 20	16 10 55	3°29'29	9♑35	26°59	6°20	15° 6	28°47	22°21	4° 3	28°11	9°20	16°D13	17°46	28°47	12°26	T 20
F 21	16 14 52	4°26'46	24°12	27°44	7°31	15°51	28°57	22°16	4° 6	28°10	9°19	16°13	17°43	28°53	12°31	F 21
S 22	16 18 48	5°24'03	8♒40	28°25	8°43	16°35	29° 7	22°12	4° 9	28° 9	9°17	16°14	17°40	29° 0	12°35	S 22
S 23	16 22 45	6°21'20	22°57	29° 2	9°54	17°19	29°16	22° 8	4°12	28° 8	9°16	16°15	17°37	29° 7	12°40	S 23
M24	16 26 41	7°18'36	7♓ 2	29°35	11° 5	18° 3	29°26	22° 4	4°15	28° 8	9°14	16°R16	17°34	29°13	12°45	M24
T 25	16 30 38	8°15'51	20°52	0♋ 4	12°16	18°47	29°35	22° 0	4°18	28° 7	9°13	16°15	17°31	29°20	12°50	T 25
W26	16 34 34	9°13'06	4♈28	0°28	13°27	19°31	29°44	21°55	4°21	28° 6	9°11	16°13	17°27	29°26	12°55	W26
T 27	16 38 31	10°10'21	17°50	0°48	14°38	20°15	29°53	21°51	4°24	28° 5	9° 9	16° 9	17°24	29°33	13° 0	T 27
F 28	16 42 28	11° 7'36	0♉58	1° 4	15°49	20°59	0♈ 2	21°47	4°27	28° 4	9° 8	16° 4	17°21	29°40	13° 5	F 28
S 29	16 46 24	12° 4'50	13°52	1°14	17° 0	21°43	0°11	21°43	4°30	28° 3	9° 6	15°58	17°18	29°46	13°10	S 29
S 30	16 50 21	13° 2'04	26°33	1°21	18°10	22°27	0°19	21°39	4°33	28° 2	9° 5	15°53	17°15	29°53	13°15	S 30
M31	16 54 17	13♊59'18	9♊ 2	1°R22	19♋21	23♈11	0♈28	21♏35	4♉36	28♑ 1	9♐ 3	15♋48	17♋11	29♋59	13♌21	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n31	8n30	4s51	22n35	2n 2	23n48	1n16	0s49	1s17	2s56	1s11	16s40	2n13	12n10	0s26	20s28	0n 9	13s37	8n31	22n25	22n15	21n38	11n38	6s 5
S 2	16 47	12 55	4 23	23 1	2 6	23 59	1 18	0 30	1 17	2 51	1 11	16 39	2 13	12 11	0 26	20 28	0 9	13 36	8 31	22 26	22 15	21 37	11 38	6 4
M 3	17 4	16 40	3 43	23 25	2 10	24 9	1 20	0 12	1 16	2 47	1 11	16 38	2 13	12 13	0 26	20 28	0 9	13 36	8 31	22 27	22 15	21 37	11 38	6 3
T 4	17 20	19 36	2 53	23 46	2 14	24 19	1 22	0n 6	1 16	2 42	1 11	16 37	2 13	12 14	0 26	20 28	0 9	13 36	8 31	22 28	22 16	21 36	11 38	6 3
W 5	17 36	21 33	1 55	24 5	2 16	24 27	1 24	0 24	1 16	2 38	1 11	16 36	2 13	12 15	0 26	20 28	0 9	13 36	8 31	22 29	22 16	21 36	11 38	6 2
T 6	17 52	22 30	0 53	24 22	2 17	24 35	1 26	0 42	1 16	2 34	1 12	16 35	2 13	12 16	0 26	20 28	0 9	13 36	8 31	22 29	22 17	21 35	11 38	6 1
F 7	18 7	22 24	0n11	24 36	2 18	24 43	1 28	1 0	1 16	2 29	1 12	16 33	2 13	12 17	0 26	20 28	0 9	13 35	8 31	22 29	22 17	21 35	11 37	6 1
S 8	18 22	21 18	1 14	24 48	2 18	24 50	1 30	1 18	1 16	2 25	1 12	16 32	2 13	12 18	0 26	20 28	0 9	13 35	8 31	22 29	22 18	21 35	11 37	6 0
S 9	18 37	19 15	2 13	24 57	2 17	24 55	1 32	1 36	1 15	2 21	1 12	16 31	2 13	12 19	0 26	20 28	0 9	13 35	8 31	22 29	22 18	21 34	11 37	5 59
M10	18 51	16 23	3 8	25 5	2 15	25 1	1 34	1 54	1 15	2 17	1 12	16 30	2 12	12 21	0 26	20 28	0 9	13 35	8 31	22 29	22 18	21 34	11 36	5 59
T 11	19 5	12 48	3 55	25 11	2 13	25 5	1 36	2 12	1 15	2 13	1 13	16 29	2 12	12 22	0 26	20 28	0 9	13 35	8 31	22 29	22 19	21 33	11 36	5 58
W12	19 19	8 36	4 32	25 14	2 10	25 9	1 37	2 30	1 15	2 8	1 13	16 28	2 12	12 23	0 26	20 29	0 9	13 34	8 31	22 29	22 19	21 33	11 36	5 57
T 13	19 33	3 57	4 57	25 16	2 6	25 12	1 39	2 48	1 15	2 4	1 13	16 27	2 12	12 24	0 26	20 29	0 9	13 34	8 31	22 30	22 20	21 32	11 35	5 57
F 14	19 46	1s 1	5 8	25 16	2 1	25 15	1 41	3 6	1 14	2 0	1 13	16 26	2 12	12 25	0 26	20 29	0 9	13 34	8 31	22 31	22 20	21 32	11 35	5 56
S 15	19 59	6 5	5 2	25 15	1 55	25 16	1 42	3 24	1 14	1 56	1 13	16 25	2 12	12 26	0 26	20 29	0 9	13 34	8 31	22 31	22 21	21 31	11 34	5 55
S 16	20 11	11 1	4 39	25 12	1 48	25 17	1 44	3 41	1 14	1 53	1 14	16 24	2 12	12 27	0 26	20 29	0 9	13 34	8 31	22 32	22 21	21 31	11 34	5 55
M17	20 23	15 29	3 58	25 7	1 41	25 17	1 45	3 59	1 14	1 49	1 14	16 23	2 12	12 28	0 26	20 29	0 9	13 33	8 31	22 33	22 21	21 30	11 33	5 54
T 18	20 35	19 7	3 2	25 2	1 33	25 17	1 46	4 17	1 13	1 45	1 14	16 22	2 12	12 29	0 26	20 29	0 9	13 33	8 31	22 34	22 22	21 30	11 33	5 53
W19	20 47	21 35	1 53	24 54	1 24	25 16	1 48	4 34	1 13	1 41	1 14	16 21	2 12	12 30	0 26	20 29	0 9	13 33	8 31	22 34	22 22	21 29	11 32	5 53
T 20	20 58	22 37	0 36	24 46	1 14	25 14	1 49	4 52	1 13	1 37	1 14	16 20	2 12	12 32	0 26	20 30	0 9	13 33	8 31	22 35	22 23	21 29	11 32	5 52
F 21	21 9	22 6	0s43	24 37	1 4	25 11	1 50	5 9	1 13	1 34	1 15	16 19	2 12	12 33	0 26	20 30	0 9	13 33	8 31	22 35	22 23	21 28	11 31	5 51
S 22	21 19	20 6	1 59	24 26	0 53	25 7	1 51	5 26	1 12	1 30	1 15	16 18	2 11	12 34	0 26	20 30	0 9	13 33	8 31	22 34	22 24	21 28	11 30	5 51
S 23	21 29	16 52	3 6	24 15	0 41	25 3	1 52	5 44	1 12	1 26	1 15	16 17	2 11	12 35	0 26	20 30	0 9	13 33	8 31	22 34	22 24	21 27	11 30	5 50
M24	21 39	12 42	4 1	24 2	0 28	24 59	1 53	6 1	1 12	1 23	1 15	16 16	2 11	12 36	0 26	20 30	0 9	13 32	8 30	22 34	22 24	21 26	11 29	5 49
T 25	21 48	7 57	4 41	23 49	0 15	24 53	1 54	6 18	1 11	1 19	1 16	16 15	2 11	12 37	0 26	20 31	0 9	13 32	8 30	22 34	22 25	21 26	11 28	5 49
W26	21 57	2 52	5 5	23 35	0 1	24 47	1 54	6 35	1 11	1 16	1 16	16 14	2 11	12 38	0 26	20 31	0 9	13 32	8 30	22 35	22 25	21 25	11 27	5 48
T 27	22 6	2n14	5 11	23 21	0s13	24 40	1 55	6 52	1 11	1 13	1 16	16 13	2 11	12 39	0 26	20 31	0 9	13 32	8 30	22 35	22 26	21 25	11 27	5 48
F 28	22 14	7 10	5 1	23 6	0 28	24 32	1 56	7 9	1 10	1 9	1 16	16 12	2 11	12 40	0 26	20 31	0 9	13 32	8 30	22 36	22 26	21 24	11 26	5 47
S 29	22 22	11 42	4 35	22 50	0 44	24 24	1 56	7 26	1 10	1 6	1 17	16 11	2 11	12 41	0 26	20 31	0 9	13 32	8 30	22 36	22 26	21 24	11 25	5 46
S 30	22 29	15 39	3 57	22 34	0 59	24 15	1 57	7 42	1 10	1 3	1 17	16 10	2 10	12 42	0 26	20 32	0 9	13 32	8 30	22 37	22 27	21 23	11 24	5 46
M31	22n36	18n50	3s 7	22n18	1s15	24n 5	1n57	7n59	1s 9	1s 0	1s17	16s10	2n10	12n43	0s26	20s32	0n 9	13s32	8n30	22n38	22n27	21n23	11n23	5s45

Julian Day Number = 2091541.5, Delta T = 23m15s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'07, Lahiri = 10°07'07 Julian Calendar 1 May 1014 == Greg. Calendar 7 May 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

JUNE 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 58 14	14♊56'32	21♊18	1°R20	20♋32	23♈54	0♈36	21°R31	4♉39	28°R 0	9°R 2	15°R44	17♋ 8	0♌ 6	13♌26	T 1
W 2	17 2 10	15°53'44	3♋23	1♋12	21°42	24°38	0°44	21♏27	4°42	27♑59	9♐ 0	15♋42	17° 5	0°13	13°32	W 2
T 3	17 6 7	16°50'57	15°20	1° 1	22°53	25°21	0°52	21°24	4°45	27°58	8°58	15°D41	17° 2	0°20	13°37	T 3
F 4	17 10 4	17°48'09	27°10	0°45	24° 3	26° 5	1° 0	21°20	4°47	27°57	8°57	15°42	16°59	0°26	13°43	F 4
S 5	17 14 0	18°45'21	8♌57	0°25	25°14	26°48	1° 8	21°16	4°50	27°55	8°55	15°43	16°56	0°33	13°48	S 5
S 6	17 17 57	19°42'32	20°46	0° 2	26°24	27°31	1°16	21°13	4°53	27°54	8°54	15°45	16°52	0°40	13°54	S 6
M 7	17 21 53	20°39'42	2♍39	29♊35	27°34	28°14	1°23	21° 9	4°55	27°53	8°52	15°47	16°49	0°46	14° 0	M 7
T 8	17 25 50	21°36'53	14°42	29° 6	28°44	28°58	1°31	21° 5	4°58	27°52	8°51	15°48	16°46	0°53	14° 6	T 8
W 9	17 29 46	22°34'02	27° 0	28°34	29°55	29°41	1°38	21° 2	5° 1	27°51	8°49	15°R48	16°43	1° 0	14°12	W 9
T 10	17 33 43	23°31'12	9♎37	27°59	1♌ 4	0♉24	1°45	20°59	5° 3	27°49	8°48	15°47	16°40	1° 6	14°18	T 10
F 11	17 37 39	24°28'20	22°37	27°24	2°14	1° 7	1°52	20°55	5° 6	27°48	8°46	15°45	16°36	1°13	14°24	F 11
S 12	17 41 36	25°25'29	6♏ 3	26°48	3°24	1°49	1°59	20°52	5° 8	27°47	8°45	15°43	16°33	1°20	14°30	S 12
S 13	17 45 33	26°22'38	19°55	26°11	4°34	2°32	2° 5	20°49	5°11	27°45	8°43	15°40	16°30	1°26	14°37	S 13
M14	17 49 29	27°19'46	4♐13	25°35	5°44	3°15	2°12	20°46	5°13	27°44	8°42	15°38	16°27	1°33	14°43	M14
T 15	17 53 26	28°16'54	18°51	25° 0	6°53	3°57	2°18	20°43	5°16	27°43	8°40	15°36	16°24	1°39	14°49	T 15
W16	17 57 22	29°14'03	3♑44	24°26	8° 3	4°40	2°24	20°40	5°18	27°41	8°39	15°35	16°21	1°46	14°56	W16
T 17	18 1 19	0♋11'11	18°44	23°55	9°12	5°22	2°30	20°37	5°20	27°40	8°37	15°D34	16°17	1°53	15° 2	T 17
F 18	18 5 15	1° 8'20	3♒42	23°26	10°21	6° 5	2°36	20°34	5°23	27°39	8°36	15°35	16°14	1°59	15° 9	F 18
S 19	18 9 12	2° 5'29	18°32	23° 1	11°30	6°47	2°42	20°31	5°25	27°37	8°34	15°36	16°11	2° 6	15°15	S 19
S 20	18 13 8	3° 2'38	3♓ 6	22°40	12°39	7°29	2°47	20°28	5°27	27°36	8°33	15°37	16° 8	2°13	15°22	S 20
M21	18 17 5	3°59'48	17°21	22°23	13°48	8°11	2°53	20°26	5°29	27°34	8°32	15°38	16° 5	2°19	15°29	M21
T 22	18 21 2	4°56'59	1♈15	22°10	14°57	8°54	2°58	20°23	5°31	27°33	8°30	15°R38	16° 2	2°26	15°35	T 22
W23	18 24 58	5°54'10	14°48	22° 2	16° 6	9°36	3° 3	20°21	5°33	27°31	8°29	15°38	15°58	2°33	15°42	W23
T 24	18 28 55	6°51'21	28° 0	21°D59	17°15	10°17	3° 8	20°18	5°36	27°30	8°27	15°37	15°55	2°39	15°49	T 24
F 25	18 32 51	7°48'34	10♉54	22° 2	18°23	10°59	3°12	20°16	5°38	27°28	8°26	15°37	15°52	2°46	15°56	F 25
S 26	18 36 48	8°45'47	23°32	22°10	19°32	11°41	3°17	20°14	5°40	27°27	8°25	15°36	15°49	2°53	16° 3	S 26
S 27	18 40 44	9°43'01	5♊56	22°23	20°40	12°23	3°21	20°12	5°42	27°25	8°24	15°35	15°46	2°59	16°10	S 27
M28	18 44 41	10°40'15	18° 8	22°42	21°48	13° 4	3°25	20°10	5°43	27°24	8°22	15°34	15°42	3° 6	16°17	M28
T 29	18 48 37	11°37'30	0♋11	23° 6	22°57	13°46	3°29	20° 8	5°45	27°22	8°21	15°34	15°39	3°13	16°24	T 29
W30	18 52 34	12♋34'45	12♋ 7	23♊36	24♌ 5	14♉27	3♈33	20♏ 6	5♉47	27♑21	8♐20	15°D34	15♋36	3♌19	16♌31	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n43	21n 7	2s10	22n 2	1s32	23n55	1n57	8n15	1s 9	0s56	1s17	16s 9	2n10	12n44	0s26	20s32	0n 9	13s31	8n30	22n38	22n28	21n22	11n22	5s45
W 2	22 49	22 24	1 7	21 46	1 48	23 44	1 57	8 32	1 9	0 53	1 17	16 8	2 10	12 45	0 26	20 32	0 9	13 31	8 29	22 38	22 28	21 21	11 21	5 44
T 3	22 55	22 39	0 2	21 29	2 5	23 32	1 57	8 48	1 8	0 50	1 18	16 7	2 10	12 45	0 26	20 32	0 9	13 31	8 29	22 38	22 28	21 21	11 20	5 44
F 4	23 0	21 52	1n 3	21 13	2 21	23 20	1 57	9 4	1 8	0 47	1 18	16 6	2 10	12 46	0 26	20 33	0 9	13 31	8 29	22 38	22 29	21 20	11 19	5 43
S 5	23 5	20 7	2 5	20 57	2 37	23 7	1 57	9 20	1 7	0 44	1 18	16 5	2 10	12 47	0 26	20 33	0 9	13 31	8 29	22 38	22 29	21 20	11 18	5 43
S 6	23 10	17 30	3 1	20 41	2 53	22 54	1 57	9 36	1 7	0 42	1 18	16 5	2 9	12 48	0 26	20 33	0 9	13 31	8 29	22 38	22 30	21 19	11 17	5 42
M 7	23 14	14 10	3 50	20 26	3 8	22 40	1 57	9 52	1 6	0 39	1 19	16 4	2 9	12 49	0 26	20 33	0 8	13 31	8 29	22 38	22 30	21 18	11 16	5 41
T 8	23 18	10 12	4 30	20 11	3 22	22 25	1 56	10 8	1 6	0 36	1 19	16 3	2 9	12 50	0 26	20 34	0 8	13 31	8 29	22 38	22 30	21 18	11 15	5 41
W 9	23 21	5 46	4 59	19 58	3 36	22 10	1 56	10 24	1 6	0 34	1 19	16 2	2 9	12 51	0 26	20 34	0 8	13 31	8 28	22 38	22 31	21 17	11 13	5 40
T 10	23 24	0 58	5 14	19 44	3 49	21 54	1 55	10 39	1 5	0 31	1 20	16 2	2 9	12 52	0 26	20 34	0 8	13 31	8 28	22 38	22 31	21 16	11 12	5 40
F 11	23 27	4s 0	5 13	19 32	4 0	21 37	1 54	10 55	1 5	0 28	1 20	16 1	2 9	12 53	0 26	20 34	0 8	13 31	8 28	22 38	22 32	21 16	11 11	5 39
S 12	23 29	8 57	4 56	19 21	4 10	21 20	1 54	11 10	1 4	0 26	1 20	16 0	2 8	12 53	0 26	20 35	0 8	13 31	8 28	22 38	22 32	21 15	11 10	5 39
S 13	23 31	13 37	4 21	19 11	4 19	21 3	1 53	11 25	1 4	0 24	1 20	15 59	2 8	12 54	0 26	20 35	0 8	13 31	8 28	22 38	22 32	21 14	11 8	5 38
M14	23 32	17 40	3 29	19 3	4 27	20 45	1 52	11 40	1 3	0 21	1 21	15 59	2 8	12 55	0 26	20 35	0 8	13 31	8 27	22 39	22 33	21 14	11 7	5 38
T 15	23 33	20 44	2 23	18 56	4 33	20 26	1 51	11 55	1 3	0 19	1 21	15 58	2 8	12 56	0 26	20 35	0 8	13 31	8 27	22 39	22 33	21 13	11 6	5 37
W16	23 34	22 26	1 5	18 50	4 37	20 7	1 50	12 10	1 2	0 17	1 21	15 58	2 8	12 57	0 26	20 36	0 8	13 31	8 27	22 39	22 34	21 12	11 4	5 37
T 17	23 34	22 32	0s17	18 46	4 40	19 47	1 48	12 25	1 2	0 15	1 21	15 57	2 7	12 57	0 26	20 36	0 8	13 31	8 27	22 39	22 34	21 12	11 3	5 36
F 18	23 34	21 2	1 39	18 43	4 42	19 27	1 47	12 39	1 1	0 13	1 22	15 57	2 7	12 58	0 26	20 36	0 8	13 31	8 27	22 39	22 34	21 11	11 1	5 36
S 19	23 33	18 5	2 53	18 42	4 41	19 7	1 45	12 54	1 1	0 11	1 22	15 56	2 7	12 59	0 26	20 37	0 8	13 31	8 26	22 39	22 35	21 10	11 0	5 36
S 20	23 32	14 3	3 54	18 42	4 40	18 46	1 44	13 8	1 0	0 9	1 22	15 55	2 7	13 0	0 26	20 37	0 8	13 31	8 26	22 39	22 35	21 10	10 58	5 35
M21	23 30	9 18	4 40	18 45	4 36	18 24	1 42	13 22	1 0	0 7	1 23	15 55	2 7	13 0	0 26	20 37	0 8	13 31	8 26	22 39	22 36	21 9	10 57	5 35
T 22	23 28	4 12	5 7	18 49	4 32	18 2	1 40	13 36	0 59	0 5	1 23	15 54	2 6	13 1	0 26	20 38	0 8	13 31	8 26	22 39	22 36	21 8	10 55	5 34
W23	23 26	0n59	5 17	18 54	4 26	17 40	1 39	13 50	0 58	0 3	1 23	15 54	2 6	13 2	0 26	20 38	0 8	13 31	8 26	22 39	22 36	21 8	10 54	5 34
T 24	23 23	6 0	5 10	19 1	4 19	17 17	1 37	14 4	0 58	0 2	1 23	15 54	2 6	13 2	0 26	20 38	0 8	13 31	8 25	22 39	22 37	21 7	10 52	5 33
F 25	23 20	10 38	4 47	19 9	4 11	16 54	1 35	14 18	0 57	0n 0	1 24	15 53	2 6	13 3	0 26	20 38	0 8	13 31	8 25	22 39	22 37	21 6	10 51	5 33
S 26	23 16	14 43	4 10	19 19	4 1	16 30	1 32	14 31	0 57	0 2	1 24	15 53	2 6	13 4	0 26	20 39	0 8	13 31	8 25	22 39	22 37	21 6	10 49	5 33
S 27	23 12	18 5	3 23	19 30	3 51	16 6	1 30	14 45	0 56	0 3	1 24	15 52	2 5	13 4	0 27	20 39	0 8	13 31	8 25	22 39	22 38	21 5	10 47	5 32
M28	23 8	20 36	2 27	19 42	3 40	15 42	1 28	14 58	0 55	0 4	1 25	15 52	2 5	13 5	0 27	20 39	0 8	13 31	8 24	22 39	22 38	21 4	10 46	5 32
T 29	23 3	22 10	1 24	19 55	3 28	15 17	1 25	15 11	0 55	0 6	1 25	15 52	2 5	13 6	0 27	20 40	0 8	13 31	8 24	22 39	22 39	21 3	10 44	5 31
W30	22n58	22n42	0s19	20n 9	3s16	14n52	1n23	15n24	0s54	0n 7	1s25	15s52	2n 5	13n 6	0s27	20s40	0n 8	13s31	8n24	22n39	22n39	21n 3	10n42	5s31

Julian Day Number = 2091572.5, Delta T = 23m14s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'11, Lahiri = 10°07'11 Julian Calendar 1 June 1014 == Greg. Calendar 7 June 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

JULY 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 56 31	13♋32'01	23♋58	24♊12	25♌13	15♉ 8	3♈36	20°R 4	5♉49	27°R19	8°R19	15♋34	15♋33	3♌26	16♌39	T 1
F 2	19 0 27	14°29'18	5♌46	24°53	26°20	15°49	3°40	20♏ 2	5°51	27♑18	8♐17	15°34	15°30	3°33	16°46	F 2
S 3	19 4 24	15°26'35	17°33	25°40	27°28	16°31	3°43	20° 1	5°52	27°16	8°16	15°R34	15°27	3°39	16°53	S 3
S 4	19 8 20	16°23'53	29°23	26°32	28°36	17°12	3°46	19°59	5°54	27°14	8°15	15°34	15°23	3°46	17° 0	S 4
M 5	19 12 17	17°21'11	11♍18	27°30	29°43	17°53	3°49	19°58	5°56	27°13	8°14	15°34	15°20	3°53	17° 8	M 5
T 6	19 16 13	18°18'30	23°23	28°33	0♍50	18°33	3°51	19°57	5°57	27°11	8°13	15°33	15°17	3°59	17°15	T 6
W 7	19 20 10	19°15'49	5♎40	29°41	1°57	19°14	3°54	19°55	5°59	27°10	8°12	15°33	15°14	4° 6	17°23	W 7
T 8	19 24 6	20°13'08	18°15	0♋54	3° 4	19°55	3°56	19°54	6° 0	27° 8	8°11	15°D33	15°11	4°12	17°30	T 8
F 9	19 28 3	21°10'29	1♏11	2°13	4°11	20°35	3°58	19°53	6° 2	27° 6	8°10	15°33	15° 8	4°19	17°38	F 9
S 10	19 32 0	22° 7'49	14°30	3°36	5°18	21°16	4° 0	19°52	6° 3	27° 5	8° 8	15°34	15° 4	4°26	17°45	S 10
S 11	19 35 56	23° 5'11	28°16	5° 3	6°24	21°56	4° 2	19°51	6° 4	27° 3	8° 7	15°34	15° 1	4°32	17°53	S 11
M12	19 39 53	24° 2'33	12♐29	6°36	7°31	22°36	4° 3	19°51	6° 6	27° 1	8° 7	15°35	14°58	4°39	18° 0	M12
T 13	19 43 49	24°59'56	27° 5	8°12	8°37	23°16	4° 5	19°50	6° 7	27° 0	8° 6	15°35	14°55	4°46	18° 8	T 13
W14	19 47 46	25°57'19	12♑ 2	9°53	9°43	23°56	4° 6	19°49	6° 8	26°58	8° 5	15°R36	14°52	4°52	18°16	W14
T 15	19 51 42	26°54'44	27°11	11°37	10°49	24°36	4° 7	19°49	6° 9	26°57	8° 4	15°36	14°48	4°59	18°24	T 15
F 16	19 55 39	27°52'10	12♒24	13°25	11°55	25°16	4° 7	19°48	6°10	26°55	8° 3	15°35	14°45	5° 6	18°31	F 16
S 17	19 59 35	28°49'36	27°30	15°15	13° 0	25°56	4° 8	19°48	6°11	26°53	8° 2	15°34	14°42	5°12	18°39	S 17
S 18	20 3 32	29°47'04	12♓21	17° 9	14° 5	26°35	4° 8	19°48	6°12	26°52	8° 1	15°32	14°39	5°19	18°47	S 18
M19	20 7 29	0♌44'34	26°50	19° 5	15°11	27°15	4°R 8	19°D48	6°13	26°50	8° 0	15°30	14°36	5°26	18°55	M19
T 20	20 11 25	1°42'04	10♈54	21° 3	16°15	27°54	4° 8	19°48	6°14	26°48	8° 0	15°29	14°33	5°32	19° 2	T 20
W21	20 15 22	2°39'36	24°32	23° 2	17°20	28°34	4° 8	19°48	6°15	26°47	7°59	15°28	14°29	5°39	19°10	W21
T 22	20 19 18	3°37'10	7♉43	25° 3	18°25	29°13	4° 8	19°48	6°16	26°45	7°58	15°D28	14°26	5°46	19°18	T 22
F 23	20 23 15	4°34'45	20°32	27° 5	19°29	29°52	4° 7	19°48	6°17	26°44	7°57	15°29	14°23	5°52	19°26	F 23
S 24	20 27 11	5°32'21	3♊ 1	29° 7	20°33	0♊31	4° 6	19°49	6°17	26°42	7°57	15°30	14°20	5°59	19°34	S 24
S 25	20 31 8	6°30'00	15°15	1♌10	21°37	1°10	4° 5	19°49	6°18	26°40	7°56	15°31	14°17	6° 6	19°42	S 25
M26	20 35 4	7°27'39	27°17	3°12	22°41	1°48	4° 4	19°50	6°19	26°39	7°56	15°33	14°14	6°12	19°50	M26
T 27	20 39 1	8°25'20	9♋11	5°15	23°44	2°27	4° 2	19°51	6°19	26°37	7°55	15°34	14°10	6°19	19°58	T 27
W28	20 42 58	9°23'03	21° 0	7°17	24°48	3° 6	4° 1	19°51	6°20	26°36	7°54	15°R34	14° 7	6°26	20° 6	W28
T 29	20 46 54	10°20'47	2♌48	9°18	25°51	3°44	3°59	19°52	6°20	26°34	7°54	15°33	14° 4	6°32	20°14	T 29
F 30	20 50 51	11°18'33	14°36	11°18	26°53	4°22	3°57	19°53	6°21	26°32	7°53	15°30	14° 1	6°39	20°22	F 30
S 31	20 54 47	12♌16'20	26♌26	13♌18	27♍56	5♊ 0	3♈55	19♏54	6♉21	26♑31	7♐53	15♋27	13♋58	6♌46	20♌30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n52	22n12	0n47	20n23	3s 3	14n26	1n20	15n36	0s54	0n 8	1s25	15s51	2n 4	13n 7	0s27	20s40	0n 8	13s31	8n24	22n39	22n39	21n 2	10n40	5s31
F 2	22 46	20 42	1 50	20 38	2 50	14 1	1 17	15 49	0 53	0 9	1 26	15 51	2 4	13 7	0 27	20 41	0 8	13 31	8 23	22 39	22 40	21 1	10 39	5 30
S 3	22 40	18 20	2 49	20 54	2 36	13 35	1 14	16 2	0 52	0 10	1 26	15 51	2 4	13 8	0 27	20 41	0 8	13 31	8 23	22 39	22 40	21 0	10 37	5 30
S 4	22 33	15 11	3 40	21 10	2 22	13 8	1 11	16 14	0 52	0 11	1 26	15 51	2 4	13 8	0 27	20 41	0 8	13 31	8 23	22 39	22 40	21 0	10 35	5 30
M 5	22 26	11 24	4 23	21 25	2 7	12 42	1 8	16 26	0 51	0 12	1 27	15 51	2 3	13 9	0 27	20 42	0 8	13 31	8 23	22 39	22 41	20 59	10 33	5 29
T 6	22 18	7 8	4 54	21 41	1 53	12 15	1 5	16 38	0 50	0 13	1 27	15 50	2 3	13 9	0 27	20 42	0 8	13 31	8 22	22 39	22 41	20 58	10 31	5 29
W 7	22 10	2 31	5 13	21 56	1 38	11 48	1 2	16 50	0 50	0 14	1 27	15 50	2 3	13 10	0 27	20 42	0 8	13 32	8 22	22 39	22 41	20 57	10 29	5 29
T 8	22 2	2s18	5 17	22 10	1 24	11 20	0 58	17 1	0 49	0 14	1 27	15 50	2 3	13 10	0 27	20 43	0 8	13 32	8 22	22 39	22 42	20 56	10 27	5 28
F 9	21 53	7 10	5 6	22 23	1 9	10 52	0 55	17 13	0 48	0 15	1 28	15 50	2 3	13 11	0 27	20 43	0 8	13 32	8 21	22 39	22 42	20 56	10 25	5 28
S 10	21 44	11 51	4 38	22 36	0 55	10 25	0 51	17 24	0 48	0 15	1 28	15 50	2 2	13 11	0 27	20 43	0 8	13 32	8 21	22 39	22 43	20 55	10 23	5 28
S 11	21 35	16 5	3 54	22 47	0 41	9 56	0 47	17 36	0 47	0 16	1 28	15 50	2 2	13 12	0 27	20 44	0 8	13 32	8 21	22 39	22 43	20 54	10 21	5 27
M12	21 25	19 32	2 54	22 57	0 27	9 28	0 44	17 47	0 46	0 16	1 29	15 50	2 2	13 12	0 27	20 44	0 8	13 32	8 20	22 39	22 43	20 53	10 19	5 27
T 13	21 15	21 51	1 41	23 5	0 14	9 0	0 40	17 57	0 45	0 16	1 29	15 50	2 2	13 13	0 27	20 44	0 8	13 32	8 20	22 39	22 44	20 52	10 17	5 27
W14	21 4	22 41	0 20	23 10	0 1	8 31	0 36	18 8	0 45	0 16	1 29	15 50	2 1	13 13	0 27	20 45	0 8	13 33	8 20	22 39	22 44	20 52	10 15	5 26
T 15	20 53	21 53	1s 4	23 14	0n11	8 2	0 32	18 19	0 44	0 16	1 30	15 50	2 1	13 13	0 27	20 45	0 8	13 33	8 20	22 39	22 44	20 51	10 13	5 26
F 16	20 42	19 28	2 23	23 16	0 23	7 33	0 27	18 29	0 43	0 16	1 30	15 51	2 1	13 14	0 27	20 45	0 8	13 33	8 19	22 39	22 45	20 50	10 11	5 26
S 17	20 30	15 43	3 32	23 15	0 34	7 4	0 23	18 39	0 42	0 16	1 30	15 51	2 1	13 14	0 27	20 46	0 8	13 33	8 19	22 39	22 45	20 49	10 9	5 26
S 18	20 18	11 2	4 25	23 11	0 44	6 35	0 19	18 49	0 42	0 16	1 30	15 51	2 0	13 14	0 27	20 46	0 8	13 33	8 19	22 39	22 45	20 48	10 7	5 25
M19	20 6	5 51	5 0	23 5	0 54	6 6	0 14	18 59	0 41	0 16	1 31	15 51	2 0	13 15	0 27	20 46	0 8	13 33	8 18	22 40	22 46	20 47	10 5	5 25
T 20	19 53	0 30	5 15	22 57	1 3	5 36	0 10	19 9	0 40	0 16	1 31	15 51	2 0	13 15	0 27	20 46	0 8	13 34	8 18	22 40	22 46	20 47	10 3	5 25
W21	19 40	4n43	5 13	22 45	1 11	5 6	0 5	19 18	0 39	0 15	1 31	15 52	2 0	13 15	0 27	20 47	0 8	13 34	8 18	22 40	22 46	20 46	10 0	5 25
T 22	19 27	9 32	4 53	22 31	1 18	4 37	0 0	19 28	0 39	0 15	1 32	15 52	1 59	13 15	0 27	20 47	0 8	13 34	8 17	22 40	22 47	20 45	9 58	5 25
F 23	19 13	13 49	4 19	22 14	1 24	4 7	0s 4	19 37	0 38	0 14	1 32	15 52	1 59	13 16	0 27	20 47	0 8	13 34	8 17	22 40	22 47	20 44	9 56	5 24
S 24	18 59	17 22	3 34	21 54	1 30	3 37	0 9	19 46	0 37	0 14	1 32	15 53	1 59	13 16	0 27	20 48	0 8	13 35	8 17	22 40	22 47	20 43	9 54	5 24
S 25	18 45	20 6	2 40	21 33	1 35	3 7	0 14	19 55	0 36	0 13	1 33	15 53	1 59	13 16	0 27	20 48	0 8	13 35	8 16	22 39	22 48	20 42	9 51	5 24
M26	18 30	21 53	1 39	21 8	1 38	2 37	0 19	20 3	0 35	0 12	1 33	15 53	1 58	13 16	0 27	20 48	0 8	13 35	8 16	22 39	22 48	20 41	9 49	5 24
T 27	18 15	22 40	0 35	20 42	1 42	2 7	0 25	20 12	0 34	0 11	1 33	15 54	1 58	13 16	0 27	20 49	0 8	13 35	8 16	22 39	22 48	20 40	9 47	5 24
W28	18 0	22 25	0n30	20 13	1 44	1 37	0 30	20 20	0 34	0 11	1 33	15 54	1 58	13 17	0 27	20 49	0 8	13 36	8 15	22 39	22 49	20 40	9 45	5 23
T 29	17 44	21 9	1 33	19 43	1 45	1 7	0 35	20 29	0 33	0 10	1 34	15 55	1 58	13 17	0 27	20 49	0 8	13 36	8 15	22 39	22 49	20 39	9 42	5 23
F 30	17 29	18 59	2 33	19 11	1 46	0 37	0 41	20 37	0 32	0 8	1 34	15 55	1 57	13 17	0 27	20 50	0 8	13 36	8 15	22 40	22 49	20 38	9 40	5 23
S 31	17n12	16n 0	3n26	18n37	1n46	0n 7	0s46	20n44	0s31	0n 7	1s34	15s56	1n57	13n17	0s27	20s50	0n 8	13s36	8n14	22n40	22n50	20n37	9n38	5s23

Julian Day Number = 2091602.5, Delta T = 23m14s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'15, Lahiri = 10°07'15 Julian Calendar 1 July 1014 == Greg. Calendar 7 July 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

AUGUST 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 58 44	13♌14'08	8♍21	15♌17	28♍58	5♊38	3°R52	19♏56	6♉21	26°R29	7°R52	15°R22	13♋54	6♌52	20♌38	S 1
M 2	21 2 40	14°11'58	20°23	17°14	0♎ 0	6°16	3♈50	19°57	6°21	26♉28	7♐52	15♋17	13°51	6°59	20°46	M 2
T 3	21 6 37	15° 9'49	2♎34	19°10	1° 2	6°54	3°47	19°58	6°22	26°26	7°52	15°12	13°48	7° 6	20°54	T 3
W 4	21 10 33	16° 7'41	14°56	21° 5	2° 3	7°32	3°44	20° 0	6°22	26°25	7°51	15° 8	13°45	7°12	21° 3	W 4
T 5	21 14 30	17° 5'35	27°32	22°59	3° 4	8° 9	3°40	20° 1	6°22	26°23	7°51	15° 5	13°42	7°19	21°11	T 5
F 6	21 18 27	18° 3'30	10♏25	24°52	4° 5	8°47	3°37	20° 3	6°22	26°22	7°51	15° 4	13°39	7°25	21°19	F 6
S 7	21 22 23	19° 1'26	23°39	26°43	5° 5	9°24	3°34	20° 5	6°R22	26°20	7°51	15°D 4	13°35	7°32	21°27	S 7
S 8	21 26 20	19°59'24	7♐15	28°33	6° 6	10° 1	3°30	20° 6	6°22	26°19	7°50	15° 4	13°32	7°39	21°35	S 8
M 9	21 30 16	20°57'23	21°15	0♍22	7° 5	10°38	3°26	20° 8	6°22	26°17	7°50	15° 6	13°29	7°45	21°43	M 9
T 10	21 34 13	21°55'23	5♑40	2° 9	8° 5	11°15	3°22	20°10	6°22	26°16	7°50	15° 7	13°26	7°52	21°51	T 10
W11	21 38 9	22°53'25	20°26	3°55	9° 4	11°51	3°17	20°12	6°22	26°15	7°50	15°R 7	13°23	7°59	21°59	W11
T 12	21 42 6	23°51'29	5♒29	5°40	10° 2	12°28	3°13	20°15	6°21	26°13	7°50	15° 6	13°20	8° 5	22° 8	T 12
F 13	21 46 2	24°49'34	20°40	7°23	11° 1	13° 4	3° 8	20°17	6°21	26°12	7°50	15° 3	13°16	8°12	22°16	F 13
S 14	21 49 59	25°47'40	5♓50	9° 6	11°58	13°40	3° 3	20°19	6°21	26°10	7°D50	14°58	13°13	8°19	22°24	S 14
S 15	21 53 56	26°45'49	20°50	10°47	12°56	14°17	2°58	20°22	6°20	26° 9	7°50	14°52	13°10	8°25	22°32	S 15
M16	21 57 52	27°43'59	5♈29	12°27	13°53	14°53	2°53	20°24	6°20	26° 8	7°50	14°45	13° 7	8°32	22°40	M16
T 17	22 1 49	28°42'11	19°43	14° 5	14°49	15°28	2°48	20°27	6°19	26° 6	7°50	14°39	13° 4	8°39	22°48	T 17
W18	22 5 45	29°40'26	3♉28	15°43	15°45	16° 4	2°43	20°30	6°19	26° 5	7°50	14°35	13° 0	8°45	22°56	W18
T 19	22 9 42	0♍38'42	16°44	17°19	16°41	16°40	2°37	20°33	6°18	26° 4	7°50	14°32	12°57	8°52	23° 4	T 19
F 20	22 13 38	1°37'01	29°34	18°54	17°36	17°15	2°31	20°35	6°18	26° 3	7°50	14°D31	12°54	8°59	23°13	F 20
S 21	22 17 35	2°35'22	12♊ 1	20°29	18°31	17°50	2°25	20°38	6°17	26° 1	7°50	14°31	12°51	9° 5	23°21	S 21
S 22	22 21 31	3°33'45	24°11	22° 1	19°25	18°25	2°19	20°42	6°16	26° 0	7°51	14°32	12°48	9°12	23°29	S 22
M23	22 25 28	4°32'10	6♋ 9	23°33	20°18	19° 0	2°13	20°45	6°15	25°59	7°51	14°34	12°45	9°19	23°37	M23
T 24	22 29 25	5°30'37	17°59	25° 4	21°11	19°35	2° 7	20°48	6°15	25°58	7°51	14°R34	12°41	9°25	23°45	T 24
W25	22 33 21	6°29'06	29°46	26°33	22° 4	20° 9	2° 0	20°51	6°14	25°57	7°52	14°32	12°38	9°32	23°53	W25
T 26	22 37 18	7°27'38	11♌33	28° 2	22°55	20°44	1°54	20°55	6°13	25°55	7°52	14°29	12°35	9°39	24° 1	T 26
F 27	22 41 14	8°26'11	23°24	29°29	23°47	21°18	1°47	20°58	6°12	25°54	7°52	14°23	12°32	9°45	24° 9	F 27
S 28	22 45 11	9°24'47	5♍21	0♎55	24°37	21°52	1°40	21° 2	6°11	25°53	7°53	14°15	12°29	9°52	24°17	S 28
S 29	22 49 7	10°23'24	17°26	2°20	25°27	22°26	1°33	21° 6	6°10	25°52	7°53	14° 5	12°26	9°59	24°25	S 29
M30	22 53 4	11°22'04	29°39	3°44	26°16	22°59	1°26	21° 9	6° 9	25°51	7°54	13°54	12°22	10° 5	24°33	M30
T 31	22 57 0	12♍20'45	12♎ 2	5♎ 6	27♎ 4	23♊33	1♈19	21♏13	6♉ 8	25♑50	7♐54	13♋43	12♋19	10♌12	24♌41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n56	12n21	4n10	18n 2	1n46	0s23	0s52	20n52	0s30	0n 6	1s35	15s56	1n57	13n17	0s27	20s50	0n 8	13s37	8n14	22n41	22n50	20n36	9n35	5s23
M 2	16 39	8 10	4 44	17 25	1 45	0 52	0 57	21 0	0 29	0 5	1 35	15 57	1 57	13 17	0 27	20 51	0 8	13 37	8 14	22 41	22 50	20 35	9 33	5 23
T 3	16 22	3 38	5 5	16 47	1 43	1 22	1 3	21 7	0 28	0 3	1 35	15 57	1 56	13 17	0 27	20 51	0 8	13 37	8 13	22 42	22 51	20 34	9 30	5 22
W 4	16 5	1s 6	5 13	16 8	1 41	1 52	1 9	21 14	0 27	0 2	1 35	15 58	1 56	13 17	0 27	20 51	0 8	13 37	8 13	22 42	22 51	20 33	9 28	5 22
T 5	15 48	5 54	5 5	15 28	1 38	2 22	1 15	21 21	0 26	0 0	1 36	15 59	1 56	13 17	0 27	20 52	0 8	13 38	8 13	22 42	22 51	20 32	9 25	5 22
F 6	15 30	10 33	4 43	14 48	1 35	2 52	1 20	21 28	0 25	0s 1	1 36	15 59	1 56	13 17	0 27	20 52	0 8	13 38	8 12	22 43	22 52	20 31	9 23	5 22
S 7	15 12	14 50	4 5	14 6	1 31	3 21	1 26	21 34	0 25	0 3	1 36	16 0	1 55	13 17	0 27	20 52	0 8	13 38	8 12	22 43	22 52	20 30	9 21	5 22
S 8	14 54	18 29	3 12	13 24	1 27	3 51	1 33	21 41	0 24	0 5	1 36	16 1	1 55	13 17	0 27	20 52	0 8	13 39	8 11	22 43	22 52	20 29	9 18	5 22
M 9	14 35	21 10	2 7	12 42	1 23	4 20	1 39	21 47	0 23	0 6	1 37	16 2	1 55	13 17	0 27	20 53	0 8	13 39	8 11	22 42	22 53	20 28	9 16	5 22
T 10	14 16	22 35	0 51	11 59	1 18	4 49	1 45	21 53	0 22	0 8	1 37	16 2	1 55	13 17	0 27	20 53	0 8	13 39	8 11	22 42	22 53	20 27	9 13	5 22
W11	13 58	22 29	0s29	11 15	1 13	5 19	1 51	21 59	0 21	0 10	1 37	16 3	1 54	13 17	0 27	20 53	0 8	13 40	8 10	22 42	22 53	20 27	9 11	5 22
T 12	13 38	20 45	1 49	10 32	1 8	5 48	1 57	22 5	0 20	0 12	1 37	16 4	1 54	13 17	0 27	20 54	0 8	13 40	8 10	22 42	22 54	20 26	9 8	5 22
F 13	13 19	17 32	3 1	9 48	1 2	6 16	2 4	22 11	0 19	0 14	1 38	16 5	1 54	13 17	0 27	20 54	0 8	13 40	8 10	22 43	22 54	20 25	9 5	5 22
S 14	12 59	13 9	4 1	9 4	0 56	6 45	2 10	22 16	0 18	0 16	1 38	16 6	1 54	13 17	0 27	20 54	0 8	13 41	8 9	22 43	22 54	20 24	9 3	5 22
S 15	12 39	7 59	4 43	8 20	0 50	7 14	2 17	22 22	0 17	0 19	1 38	16 7	1 53	13 17	0 27	20 54	0 8	13 41	8 9	22 44	22 55	20 23	9 0	5 22
M16	12 19	2 29	5 5	7 35	0 43	7 42	2 23	22 27	0 16	0 21	1 38	16 7	1 53	13 16	0 27	20 55	0 8	13 41	8 9	22 45	22 55	20 22	8 58	5 21
T 17	11 59	3n 0	5 8	6 51	0 36	8 10	2 30	22 32	0 15	0 23	1 39	16 8	1 53	13 16	0 27	20 55	0 8	13 42	8 8	22 45	22 55	20 21	8 55	5 21
W18	11 39	8 9	4 53	6 7	0 29	8 38	2 36	22 37	0 14	0 26	1 39	16 9	1 53	13 16	0 27	20 55	0 8	13 42	8 8	22 46	22 56	20 20	8 53	5 21
T 19	11 18	12 44	4 22	5 23	0 22	9 6	2 43	22 41	0 12	0 28	1 39	16 10	1 53	13 16	0 27	20 55	0 8	13 43	8 7	22 46	22 56	20 19	8 50	5 21
F 20	10 57	16 36	3 39	4 39	0 15	9 33	2 49	22 46	0 11	0 30	1 39	16 11	1 52	13 16	0 27	20 56	0 8	13 43	8 7	22 46	22 56	20 18	8 47	5 21
S 21	10 36	19 36	2 47	3 55	0 8	10 0	2 56	22 50	0 10	0 33	1 39	16 12	1 52	13 15	0 27	20 56	0 8	13 43	8 7	22 46	22 57	20 17	8 45	5 21
S 22	10 15	21 39	1 48	3 11	0 0	10 27	3 3	22 54	0 9	0 36	1 40	16 13	1 52	13 15	0 27	20 56	0 8	13 44	8 6	22 46	22 57	20 16	8 42	5 21
M23	9 54	22 40	0 45	2 28	0s 7	10 54	3 10	22 58	0 8	0 38	1 40	16 14	1 52	13 15	0 27	20 56	0 8	13 44	8 6	22 46	22 57	20 14	8 40	5 21
T 24	9 32	22 39	0n18	1 45	0 15	11 20	3 16	23 2	0 7	0 41	1 40	16 16	1 51	13 15	0 27	20 57	0 8	13 45	8 6	22 46	22 57	20 13	8 37	5 21
W25	9 11	21 38	1 21	1 2	0 23	11 46	3 23	23 6	0 6	0 44	1 40	16 17	1 51	13 14	0 27	20 57	0 8	13 45	8 5	22 46	22 58	20 12	8 34	5 22
T 26	8 49	19 39	2 20	0 19	0 30	12 12	3 30	23 10	0 5	0 47	1 40	16 18	1 51	13 14	0 27	20 57	0 8	13 45	8 5	22 46	22 58	20 11	8 32	5 22
F 27	8 27	16 49	3 13	0s23	0 38	12 38	3 37	23 13	0 4	0 49	1 40	16 19	1 51	13 14	0 27	20 57	0 8	13 46	8 5	22 47	22 58	20 10	8 29	5 22
S 28	8 5	13 17	3 58	1 4	0 46	13 3	3 44	23 16	0 2	0 52	1 41	16 20	1 51	13 13	0 27	20 58	0 7	13 46	8 4	22 48	22 59	20 9	8 26	5 22
S 29	7 43	9 10	4 33	1 46	0 54	13 28	3 50	23 20	0 1	0 55	1 41	16 21	1 50	13 13	0 27	20 58	0 7	13 47	8 4	22 49	22 59	20 8	8 24	5 22
M30	7 20	4 39	4 55	2 26	1 2	13 52	3 57	23 23	0 0	0 58	1 41	16 22	1 50	13 13	0 27	20 58	0 7	13 47	8 3	22 50	22 59	20 7	8 21	5 22
T 31	6n58	0s 7	5n 4	3s 6	1s10	14s16	4s 4	23n26	0n 1	1s 1	1s41	16s24	1n50	13n12	0s27	20s58	0n 7	13s48	8n 3	22n51	23n 0	20n 6	8n18	5s22

Julian Day Number = 2091633.5, Delta T = 23m14s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'19, Lahiri = 10°07'20 Julian Calendar 1 Aug. 1014 == Greg. Calendar 7 Aug. 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

SEPTEMBER 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 0 57	13♍19'28	24♎36	6♎28	27♎52	24♊ 6	1°R11	21♏17	6°R 6	25°R49	7♐55	13°R34	12♋16	10♌19	24♌49	W 1
T 2	23 4 54	14°18'13	7♏21	7°48	28°38	24°39	1♈ 4	21°21	6♉ 5	25♑48	7°55	13♋26	12°13	10°25	24°57	T 2
F 3	23 8 50	15°17'00	20°20	9° 6	29°24	25°12	0°57	21°25	6° 4	25°47	7°56	13°21	12°10	10°32	25° 5	F 3
S 4	23 12 47	16°15'49	3♐34	10°23	0♏ 9	25°44	0°49	21°29	6° 2	25°46	7°57	13°18	12° 6	10°39	25°13	S 4
S 5	23 16 43	17°14'39	17° 5	11°39	0°54	26°17	0°41	21°34	6° 1	25°46	7°57	13°D17	12° 3	10°45	25°20	S 5
M 6	23 20 40	18°13'31	0♑54	12°53	1°37	26°49	0°34	21°38	6° 0	25°45	7°58	13°18	12° 0	10°52	25°28	M 6
T 7	23 24 36	19°12'25	15° 4	14° 6	2°19	27°21	0°26	21°42	5°58	25°44	7°59	13°R18	11°57	10°59	25°36	T 7
W 8	23 28 33	20°11'21	29°32	15°17	3° 0	27°53	0°18	21°47	5°57	25°43	8° 0	13°17	11°54	11° 5	25°44	W 8
T 9	23 32 29	21°10'19	14♒16	16°26	3°40	28°25	0°10	21°51	5°55	25°42	8° 0	13°14	11°51	11°12	25°52	T 9
F 10	23 36 26	22° 9'18	29°11	17°33	4°19	28°56	0° 2	21°56	5°54	25°42	8° 1	13° 8	11°47	11°19	25°59	F 10
S 11	23 40 23	23° 8'19	14♓ 9	18°38	4°57	29°27	29♓54	22° 0	5°52	25°41	8° 2	13° 0	11°44	11°25	26° 7	S 11
S 12	23 44 19	24° 7'22	29° 1	19°40	5°34	29°58	29°46	22° 5	5°50	25°40	8° 3	12°49	11°41	11°32	26°15	S 12
M13	23 48 16	25° 6'28	13♈38	20°41	6° 9	0♋29	29°38	22°10	5°49	25°40	8° 4	12°38	11°38	11°39	26°22	M13
T 14	23 52 12	26° 5'35	27°53	21°38	6°43	0°59	29°30	22°15	5°47	25°39	8° 5	12°28	11°35	11°45	26°30	T 14
W15	23 56 9	27° 4'45	11♉41	22°33	7°16	1°29	29°22	22°20	5°45	25°38	8° 6	12°19	11°31	11°52	26°37	W15
T 16	0 0 5	28° 3'57	25° 1	23°25	7°47	1°59	29°14	22°25	5°43	25°38	8° 7	12°13	11°28	11°59	26°45	T 16
F 17	0 4 2	29° 3'11	7♊55	24°13	8°17	2°29	29° 6	22°30	5°42	25°37	8° 8	12° 9	11°25	12° 5	26°52	F 17
S 18	0 7 58	0♎ 2'28	20°24	24°58	8°45	2°59	28°58	22°35	5°40	25°37	8° 9	12° 7	11°22	12°12	27° 0	S 18
S 19	0 11 55	1° 1'48	2♋35	25°38	9°12	3°28	28°50	22°40	5°38	25°36	8°10	12°D 7	11°19	12°19	27° 7	S 19
M20	0 15 51	2° 1'09	14°33	26°14	9°37	3°57	28°42	22°45	5°36	25°36	8°11	12°R 7	11°16	12°25	27°14	M20
T 21	0 19 48	3° 0'33	26°23	26°45	10° 0	4°26	28°34	22°51	5°34	25°36	8°13	12° 6	11°12	12°32	27°21	T 21
W22	0 23 45	3°59'59	8♌10	27°11	10°22	4°54	28°26	22°56	5°32	25°35	8°14	12° 4	11° 9	12°39	27°29	W22
T 23	0 27 41	4°59'28	20° 0	27°31	10°42	5°22	28°18	23° 2	5°30	25°35	8°15	11°59	11° 6	12°45	27°36	T 23
F 24	0 31 38	5°58'59	1♍55	27°45	11° 0	5°50	28°10	23° 7	5°28	25°35	8°16	11°51	11° 3	12°52	27°43	F 24
S 25	0 35 34	6°58'32	14° 0	27°R52	11°16	6°18	28° 2	23°13	5°26	25°34	8°18	11°40	11° 0	12°59	27°50	S 25
S 26	0 39 31	7°58'07	26°16	27°52	11°30	6°45	27°54	23°18	5°24	25°34	8°19	11°27	10°57	13° 5	27°57	S 26
M27	0 43 27	8°57'44	8♎44	27°44	11°42	7°12	27°46	23°24	5°22	25°34	8°20	11°13	10°53	13°12	28° 4	M27
T 28	0 47 24	9°57'23	21°24	27°27	11°52	7°38	27°39	23°30	5°19	25°34	8°22	10°59	10°50	13°19	28°11	T 28
W29	0 51 20	10°57'05	4♏17	27° 2	12° 0	8° 5	27°31	23°35	5°17	25°34	8°23	10°47	10°47	13°25	28°18	W29
T 30	0 55 17	11♎56'48	17♏20	26♎29	12♏ 5	8♋31	27♓23	23♏41	5♉15	25♑34	8♐24	10♋36	10♋44	13♌32	28♌25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n35	4s57	4n59	3s46	1s18	14s40	4s11	23n28	0n 2	1s 4	1s41	16s25	1n50	13n12	0s27	20s58	0n 7	13s48	8n 3	22n52	23n 0	20n 5	8n16	5s22
T 2	6 13	9 39	4 39	4 25	1 26	15 3	4 18	23 31	0 3	1 7	1 41	16 26	1 49	13 11	0 27	20 59	0 7	13 48	8 2	22 53	23 0	20 4	8 13	5 22
F 3	5 50	14 1	4 4	5 3	1 33	15 26	4 25	23 33	0 5	1 10	1 41	16 27	1 49	13 11	0 27	20 59	0 7	13 49	8 2	22 54	23 0	20 3	8 10	5 22
S 4	5 27	17 47	3 15	5 41	1 41	15 49	4 31	23 36	0 6	1 13	1 41	16 29	1 49	13 10	0 27	20 59	0 7	13 49	8 2	22 54	23 1	20 2	8 7	5 22
S 5	5 4	20 42	2 15	6 18	1 49	16 11	4 38	23 38	0 7	1 17	1 42	16 30	1 49	13 10	0 28	20 59	0 7	13 50	8 1	22 54	23 1	20 1	8 5	5 22
M 6	4 41	22 28	1 6	6 54	1 56	16 32	4 45	23 40	0 8	1 20	1 42	16 31	1 49	13 9	0 28	20 59	0 7	13 50	8 1	22 54	23 1	19 59	8 2	5 23
T 7	4 18	22 52	0s 9	7 29	2 4	16 54	4 51	23 42	0 10	1 23	1 42	16 33	1 48	13 9	0 28	20 59	0 7	13 51	8 1	22 54	23 2	19 58	7 59	5 23
W 8	3 54	21 45	1 25	8 4	2 11	17 14	4 58	23 44	0 11	1 26	1 42	16 34	1 48	13 8	0 28	21 0	0 7	13 51	8 0	22 54	23 2	19 57	7 57	5 23
T 9	3 31	19 8	2 37	8 37	2 18	17 34	5 5	23 46	0 12	1 29	1 42	16 35	1 48	13 8	0 28	21 0	0 7	13 52	8 0	22 54	23 2	19 56	7 54	5 23
F 10	3 8	15 14	3 38	9 9	2 25	17 54	5 11	23 47	0 14	1 32	1 42	16 37	1 48	13 7	0 28	21 0	0 7	13 52	8 0	22 55	23 2	19 55	7 51	5 23
S 11	2 44	10 20	4 25	9 41	2 32	18 13	5 18	23 49	0 15	1 36	1 42	16 38	1 48	13 7	0 28	21 0	0 7	13 53	7 59	22 56	23 3	19 54	7 48	5 23
S 12	2 21	4 53	4 53	10 11	2 39	18 31	5 24	23 50	0 16	1 39	1 42	16 39	1 47	13 6	0 28	21 0	0 7	13 53	7 59	22 57	23 3	19 53	7 46	5 23
M13	1 57	0n46	5 2	10 39	2 45	18 49	5 30	23 52	0 18	1 42	1 42	16 41	1 47	13 6	0 28	21 0	0 7	13 54	7 58	22 58	23 3	19 52	7 43	5 24
T 14	1 34	6 14	4 51	11 7	2 51	19 7	5 36	23 53	0 19	1 45	1 42	16 42	1 47	13 5	0 28	21 0	0 7	13 54	7 58	22 59	23 4	19 50	7 40	5 24
W15	1 10	11 14	4 24	11 33	2 56	19 23	5 42	23 54	0 20	1 49	1 42	16 44	1 47	13 5	0 28	21 1	0 7	13 55	7 58	23 0	23 4	19 49	7 38	5 24
T 16	0 46	15 31	3 42	11 57	3 2	19 39	5 48	23 55	0 22	1 52	1 42	16 45	1 47	13 4	0 28	21 1	0 7	13 55	7 57	23 0	23 4	19 48	7 35	5 24
F 17	0 23	18 56	2 51	12 19	3 6	19 55	5 54	23 56	0 23	1 55	1 42	16 47	1 46	13 3	0 28	21 1	0 7	13 56	7 57	23 1	23 4	19 47	7 32	5 24
S 18	0s 1	21 21	1 53	12 40	3 11	20 9	6 0	23 57	0 25	1 58	1 42	16 48	1 46	13 3	0 28	21 1	0 7	13 56	7 57	23 1	23 5	19 46	7 30	5 25
S 19	0 25	22 42	0 50	12 58	3 14	20 23	6 5	23 57	0 26	2 2	1 42	16 50	1 46	13 2	0 28	21 1	0 7	13 57	7 56	23 1	23 5	19 45	7 27	5 25
M20	0 48	22 59	0n13	13 14	3 17	20 37	6 10	23 58	0 28	2 5	1 42	16 51	1 46	13 1	0 28	21 1	0 7	13 57	7 56	23 1	23 5	19 43	7 24	5 25
T 21	1 12	22 13	1 15	13 28	3 20	20 49	6 15	23 59	0 29	2 8	1 42	16 53	1 46	13 1	0 28	21 1	0 7	13 58	7 56	23 1	23 5	19 42	7 22	5 25
W22	1 36	20 28	2 13	13 39	3 21	21 1	6 20	23 59	0 31	2 11	1 42	16 54	1 46	13 0	0 28	21 1	0 7	13 58	7 55	23 1	23 6	19 41	7 19	5 26
T 23	2 0	17 50	3 6	13 47	3 22	21 11	6 25	23 59	0 32	2 14	1 42	16 56	1 45	12 59	0 28	21 1	0 7	13 59	7 55	23 1	23 6	19 40	7 16	5 26
F 24	2 23	14 26	3 51	13 52	3 22	21 21	6 29	24 0	0 34	2 17	1 42	16 57	1 45	12 59	0 28	21 1	0 7	13 59	7 55	23 2	23 6	19 39	7 14	5 26
S 25	2 47	10 25	4 26	13 53	3 20	21 30	6 33	24 0	0 35	2 20	1 42	16 59	1 45	12 58	0 28	21 1	0 7	14 0	7 54	23 3	23 7	19 37	7 11	5 26
S 26	3 11	5 55	4 50	13 51	3 18	21 39	6 37	24 0	0 37	2 24	1 42	17 0	1 45	12 57	0 28	21 2	0 7	14 0	7 54	23 4	23 7	19 36	7 8	5 27
M27	3 34	1 6	4 59	13 44	3 14	21 46	6 41	24 0	0 38	2 27	1 42	17 2	1 45	12 57	0 28	21 2	0 7	14 1	7 54	23 5	23 7	19 35	7 6	5 27
T 28	3 58	3s50	4 55	13 33	3 8	21 52	6 44	24 1	0 40	2 30	1 42	17 3	1 45	12 56	0 28	21 2	0 7	14 1	7 54	23 7	23 7	19 34	7 3	5 27
W29	4 21	8 41	4 35	13 17	3 1	21 57	6 47	24 1	0 42	2 33	1 41	17 5	1 44	12 55	0 28	21 2	0 7	14 2	7 53	23 8	23 8	19 33	7 0	5 27
T 30	4s45	13s14	4n 1	12s57	2s53	22s 1	6s49	24n 1	0n43	2s36	1s41	17s 7	1n44	12n54	0s28	21s 2	0n 7	14s 2	7n53	23n 8	23n 8	19n31	6n58	5s28

Julian Day Number = 2091664.5, Delta T = 23m13s
Ecliptic obliquity = 23°34'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'23, Lahiri = 10°07'24 Julian Calendar 1 Sept. 1014 == Greg. Calendar 7 Sept. 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

OCTOBER 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 59 14	12♎56'33	0♐35	25°R46	12♏ 9	8♋56	27°R16	23♏47	5°R13	25°R33	8♐26	10°R29	10♋41	13♌39	28♌32	F 1
S 2	1 3 10	13°56'20	14° 0	24♎55	12°R 9	9°22	27♓ 8	23°53	5♉10	25°D33	8°27	10♋25	10°37	13°45	28°38	S 2
S 3	1 7 7	14°56'09	27°36	23°57	12° 8	9°47	27° 1	23°59	5° 8	25♑33	8°29	10°23	10°34	13°52	28°45	S 3
M 4	1 11 3	15°55'59	11♑24	22°51	12° 4	10°11	26°54	24° 5	5° 6	25°33	8°30	10°23	10°31	13°59	28°52	M 4
T 5	1 15 0	16°55'52	25°24	21°40	11°58	10°35	26°47	24°11	5° 4	25°34	8°32	10°23	10°28	14° 5	28°58	T 5
W 6	1 18 56	17°55'46	9♒36	20°25	11°49	10°59	26°40	24°17	5° 1	25°34	8°33	10°21	10°25	14°12	29° 5	W 6
T 7	1 22 53	18°55'41	23°59	19° 9	11°38	11°23	26°33	24°24	4°59	25°34	8°35	10°18	10°22	14°19	29°11	T 7
F 8	1 26 49	19°55'38	8♓29	17°53	11°24	11°46	26°26	24°30	4°56	25°34	8°37	10°12	10°18	14°25	29°17	F 8
S 9	1 30 46	20°55'37	23° 3	16°40	11° 8	12° 9	26°19	24°36	4°54	25°34	8°38	10° 3	10°15	14°32	29°24	S 9
S 10	1 34 43	21°55'37	7♈33	15°32	10°50	12°31	26°13	24°42	4°52	25°34	8°40	9°52	10°12	14°39	29°30	S 10
M11	1 38 39	22°55'40	21°52	14°31	10°29	12°53	26° 6	24°49	4°49	25°35	8°42	9°40	10° 9	14°45	29°36	M11
T 12	1 42 36	23°55'44	5♉55	13°40	10° 6	13°15	26° 0	24°55	4°47	25°35	8°43	9°28	10° 6	14°52	29°42	T 12
W13	1 46 32	24°55'51	19°36	12°59	9°41	13°36	25°54	25° 1	4°44	25°35	8°45	9°18	10° 2	14°59	29°48	W13
T 14	1 50 29	25°55'59	2♊53	12°29	9°14	13°57	25°48	25° 8	4°42	25°36	8°47	9°11	9°59	15° 5	29°54	T 14
F 15	1 54 25	26°56'09	15°47	12°11	8°45	14°17	25°42	25°14	4°39	25°36	8°49	9° 6	9°56	15°12	29°59	F 15
S 16	1 58 22	27°56'22	28°18	12°D 4	8°15	14°37	25°36	25°21	4°37	25°37	8°50	9° 4	9°53	15°19	0♍ 6	S 16
S 17	2 2 18	28°56'37	10♋31	12° 9	7°43	14°56	25°31	25°27	4°35	25°37	8°52	9°D 3	9°50	15°25	0°11	S 17
M18	2 6 15	29°56'53	22°30	12°24	7°10	15°15	25°26	25°34	4°32	25°38	8°54	9° 3	9°47	15°32	0°17	M18
T 19	2 10 11	0♏57'12	4♌22	12°49	6°35	15°33	25°20	25°41	4°30	25°38	8°56	9°R 4	9°43	15°39	0°23	T 19
W20	2 14 8	1°57'32	16°10	13°24	6° 0	15°51	25°15	25°47	4°27	25°39	8°58	9° 2	9°40	15°45	0°28	W20
T 21	2 18 5	2°57'55	28° 2	14° 7	5°24	16° 9	25°10	25°54	4°25	25°39	9° 0	8°59	9°37	15°52	0°34	T 21
F 22	2 22 1	3°58'20	10♍ 0	14°57	4°48	16°26	25° 6	26° 1	4°22	25°40	9° 2	8°53	9°34	15°59	0°39	F 22
S 23	2 25 58	4°58'46	22°11	15°54	4°12	16°42	25° 1	26° 8	4°20	25°41	9° 4	8°45	9°31	16° 5	0°44	S 23
S 24	2 29 54	5°59'14	4♎36	16°56	3°35	16°58	24°57	26°14	4°17	25°41	9° 6	8°35	9°28	16°12	0°49	S 24
M25	2 33 51	6°59'44	17°17	18° 4	2°59	17°13	24°53	26°21	4°15	25°42	9° 8	8°24	9°24	16°19	0°54	M25
T 26	2 37 47	8° 0'16	0♏14	19°16	2°24	17°28	24°49	26°28	4°12	25°43	9° 9	8°12	9°21	16°25	0°59	T 26
W27	2 41 44	9° 0'50	13°28	20°31	1°49	17°42	24°45	26°35	4°10	25°44	9°11	8° 2	9°18	16°32	1° 4	W27
T 28	2 45 40	10° 1'25	26°55	21°50	1°16	17°56	24°42	26°42	4° 7	25°45	9°14	7°54	9°15	16°39	1° 9	T 28
F 29	2 49 37	11° 2'02	10♐34	23°11	0°44	18° 9	24°38	26°49	4° 5	25°45	9°16	7°48	9°12	16°45	1°14	F 29
S 30	2 53 34	12° 2'40	24°22	24°34	0°13	18°21	24°35	26°56	4° 2	25°46	9°18	7°45	9° 8	16°52	1°18	S 30
S 31	2 57 30	13♏ 3'19	8♑17	26♎ 0	29♎44	18♋33	24♓32	27♏ 2	4♉ 0	25♑47	9♐20	7°D44	9♋ 5	16♌59	1♍23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s 8	17s13	3n14	12s31	2s42	22s 4	6s51	24n 1	0n45	2s38	1s41	17s 8	1n44	12n54	0s28	21s 2	0n 7	14s 3	7n53	23n 9	23n 8	19n30	6n55	5s28
S 2	5 32	20 23	2 15	12 1	2 30	22 6	6 52	24 0	0 46	2 41	1 41	17 10	1 44	12 53	0 28	21 2	0 7	14 3	7 52	23 9	23 8	19 29	6 53	5 28
S 3	5 55	22 26	1 7	11 26	2 15	22 6	6 53	24 0	0 48	2 44	1 41	17 12	1 44	12 52	0 28	21 2	0 7	14 4	7 52	23 9	23 9	19 28	6 50	5 29
M 4	6 18	23 10	0s 5	10 47	2 0	22 5	6 54	24 0	0 50	2 47	1 41	17 13	1 44	12 51	0 28	21 2	0 7	14 4	7 52	23 9	23 9	19 26	6 47	5 29
T 5	6 41	22 28	1 19	10 4	1 42	22 3	6 54	24 0	0 52	2 50	1 41	17 15	1 44	12 51	0 28	21 2	0 7	14 5	7 51	23 10	23 9	19 25	6 45	5 29
W 6	7 4	20 19	2 28	9 18	1 23	22 0	6 53	24 0	0 53	2 52	1 41	17 16	1 43	12 50	0 28	21 2	0 7	14 5	7 51	23 10	23 9	19 24	6 42	5 30
T 7	7 27	16 53	3 29	8 30	1 3	21 55	6 52	23 59	0 55	2 55	1 40	17 18	1 43	12 49	0 28	21 2	0 7	14 6	7 51	23 10	23 10	19 23	6 40	5 30
F 8	7 50	12 23	4 17	7 42	0 43	21 49	6 50	23 59	0 57	2 57	1 40	17 20	1 43	12 48	0 28	21 2	0 7	14 6	7 51	23 10	23 10	19 21	6 37	5 30
S 9	8 13	7 11	4 48	6 55	0 22	21 42	6 48	23 59	0 59	3 0	1 40	17 21	1 43	12 47	0 28	21 2	0 7	14 7	7 50	23 11	23 10	19 20	6 35	5 31
S 10	8 35	1 35	5 1	6 10	0 1	21 33	6 45	23 59	1 1	3 2	1 40	17 23	1 43	12 47	0 28	21 2	0 7	14 7	7 50	23 12	23 10	19 19	6 32	5 31
M11	8 58	4n 1	4 54	5 28	0n18	21 22	6 41	23 58	1 2	3 5	1 40	17 25	1 43	12 46	0 28	21 2	0 7	14 8	7 50	23 13	23 11	19 17	6 30	5 31
T 12	9 20	9 19	4 30	4 51	0 37	21 11	6 36	23 58	1 4	3 7	1 40	17 26	1 43	12 45	0 28	21 2	0 7	14 9	7 49	23 14	23 11	19 16	6 27	5 32
W13	9 42	14 2	3 50	4 19	0 55	20 57	6 31	23 58	1 6	3 9	1 39	17 28	1 42	12 44	0 28	21 2	0 7	14 9	7 49	23 14	23 11	19 15	6 25	5 32
T 14	10 4	17 55	2 59	3 53	1 10	20 43	6 25	23 58	1 8	3 12	1 39	17 30	1 42	12 43	0 28	21 1	0 7	14 10	7 49	23 15	23 11	19 14	6 22	5 33
F 15	10 26	20 48	2 0	3 32	1 25	20 27	6 18	23 57	1 10	3 14	1 39	17 31	1 42	12 42	0 28	21 1	0 7	14 10	7 49	23 15	23 12	19 12	6 20	5 33
S 16	10 48	22 36	0 57	3 19	1 37	20 9	6 10	23 57	1 12	3 16	1 39	17 33	1 42	12 42	0 28	21 1	0 7	14 11	7 48	23 15	23 12	19 11	6 18	5 33
S 17	11 9	23 17	0n 8	3 11	1 47	19 51	6 2	23 57	1 14	3 18	1 39	17 35	1 42	12 41	0 28	21 1	0 7	14 11	7 48	23 15	23 12	19 10	6 15	5 34
M18	11 31	22 51	1 11	3 9	1 56	19 31	5 52	23 57	1 16	3 20	1 38	17 36	1 42	12 40	0 28	21 1	0 7	14 12	7 48	23 15	23 12	19 8	6 13	5 34
T 19	11 52	21 23	2 11	3 12	2 3	19 10	5 42	23 57	1 18	3 22	1 38	17 38	1 42	12 39	0 28	21 1	0 7	14 12	7 48	23 15	23 12	19 7	6 11	5 35
W20	12 13	19 0	3 4	3 20	2 9	18 48	5 31	23 57	1 20	3 23	1 38	17 40	1 42	12 38	0 28	21 1	0 7	14 13	7 47	23 15	23 13	19 6	6 8	5 35
T 21	12 34	15 49	3 50	3 33	2 13	18 25	5 20	23 57	1 22	3 25	1 38	17 41	1 41	12 37	0 28	21 1	0 7	14 13	7 47	23 16	23 13	19 4	6 6	5 35
F 22	12 55	11 58	4 26	3 50	2 15	18 1	5 8	23 57	1 24	3 27	1 37	17 43	1 41	12 37	0 28	21 1	0 7	14 14	7 47	23 16	23 13	19 3	6 4	5 36
S 23	13 15	7 34	4 51	4 11	2 17	17 36	4 55	23 57	1 27	3 28	1 37	17 45	1 41	12 36	0 28	21 1	0 7	14 14	7 47	23 17	23 13	19 2	6 2	5 36
S 24	13 35	2 48	5 3	4 35	2 17	17 11	4 42	23 57	1 29	3 30	1 37	17 46	1 41	12 35	0 28	21 1	0 7	14 15	7 46	23 17	23 14	19 0	5 59	5 37
M25	13 55	2s12	5 0	5 1	2 17	16 46	4 28	23 57	1 31	3 31	1 37	17 48	1 41	12 34	0 28	21 0	0 7	14 15	7 46	23 18	23 14	18 59	5 57	5 37
T 26	14 15	7 13	4 42	5 30	2 15	16 20	4 14	23 58	1 33	3 33	1 36	17 50	1 41	12 33	0 28	21 0	0 7	14 16	7 46	23 19	23 14	18 58	5 55	5 38
W27	14 35	12 1	4 8	6 0	2 13	15 55	4 0	23 58	1 35	3 34	1 36	17 52	1 41	12 32	0 28	21 0	0 7	14 16	7 46	23 19	23 14	18 56	5 53	5 38
T 28	14 54	16 19	3 20	6 33	2 10	15 29	3 45	23 58	1 38	3 35	1 36	17 53	1 41	12 32	0 28	21 0	0 7	14 17	7 45	23 20	23 15	18 55	5 51	5 39
F 29	15 13	19 50	2 20	7 6	2 6	15 3	3 30	23 59	1 40	3 36	1 36	17 55	1 41	12 31	0 28	21 0	0 7	14 17	7 45	23 20	23 15	18 53	5 49	5 39
S 30	15 32	22 16	1 11	7 41	2 2	14 38	3 14	23 59	1 42	3 37	1 35	17 57	1 41	12 30	0 28	21 0	0 7	14 18	7 45	23 20	23 15	18 52	5 46	5 40
S 31	15s50	23s21	0s 3	8s16	1n57	14s13	2s59	24n 0	1n45	3s38	1s35	17s58	1n41	12n29	0s28	21s 0	0n 7	14s18	7n45	23n20	23n15	18n51	5n44	5s40

Julian Day Number = 2091694.5, Delta T = 23m13s
Ecliptic obliquity = 23°34'00, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'28, Lahiri = 10°07'28 Julian Calendar 1 Oct. 1014 == Greg. Calendar 7 Oct. 1014

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NOVEMBER 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 1 27	14♏ 4'00	22♉16	27♎26	29°R17	18♋44	24°R29	27♏ 9	3°R57	25♉48	9♐22	7♋44	9♋ 2	17♌ 5	1♍27	M 1
T 2	3 5 23	15° 4'41	6♒20	28°55	28♎51	18°55	24♓27	27°16	3♉55	25°49	9°24	7°45	8°59	17°12	1°32	T 2
W 3	3 9 20	16° 5'24	20°27	0♏24	28°28	19° 5	24°24	27°23	3°52	25°50	9°26	7°R46	8°56	17°19	1°36	W 3
T 4	3 13 16	17° 6'08	4♓36	1°54	28° 7	19°14	24°22	27°30	3°50	25°51	9°28	7°44	8°53	17°25	1°40	T 4
F 5	3 17 13	18° 6'53	18°45	3°25	27°48	19°22	24°20	27°37	3°48	25°52	9°30	7°41	8°49	17°32	1°44	F 5
S 6	3 21 9	19° 7'39	2♈52	4°56	27°32	19°30	24°18	27°44	3°45	25°54	9°32	7°35	8°46	17°39	1°48	S 6
S 7	3 25 6	20° 8'26	16°53	6°28	27°18	19°38	24°17	27°51	3°43	25°55	9°34	7°27	8°43	17°45	1°52	S 7
M 8	3 29 3	21° 9'14	0♉45	8° 1	27° 6	19°44	24°15	27°58	3°40	25°56	9°37	7°19	8°40	17°52	1°56	M 8
T 9	3 32 59	22°10'03	14°23	9°33	26°57	19°50	24°14	28° 6	3°38	25°57	9°39	7°11	8°37	17°59	2° 0	T 9
W10	3 36 56	23°10'54	27°46	11° 6	26°50	19°55	24°13	28°13	3°36	25°58	9°41	7° 5	8°34	18° 5	2° 3	W10
T 11	3 40 52	24°11'45	10♊50	12°39	26°46	19°59	24°13	28°20	3°34	26° 0	9°43	7° 0	8°30	18°12	2° 7	T 11
F 12	3 44 49	25°12'38	23°36	14°12	26°D45	20° 3	24°12	28°27	3°31	26° 1	9°45	6°57	8°27	18°19	2°10	F 12
S 13	3 48 45	26°13'33	6♋ 3	15°45	26°46	20° 6	24°12	28°34	3°29	26° 2	9°47	6°D56	8°24	18°25	2°13	S 13
S 14	3 52 42	27°14'28	18°15	17°19	26°49	20° 8	24°D12	28°41	3°27	26° 4	9°50	6°56	8°21	18°32	2°17	S 14
M15	3 56 38	28°15'25	0♌16	18°52	26°55	20° 9	24°12	28°48	3°25	26° 5	9°52	6°58	8°18	18°39	2°20	M15
T 16	4 0 35	29°16'23	12° 8	20°26	27° 3	20°R 9	24°12	28°55	3°22	26° 7	9°54	6°59	8°14	18°46	2°23	T 16
W17	4 4 32	0♐17'22	23°57	21°59	27°13	20° 9	24°13	29° 2	3°20	26° 8	9°56	7° 1	8°11	18°52	2°26	W17
T 18	4 8 28	1°18'22	5♍49	23°33	27°26	20° 8	24°13	29° 9	3°18	26° 9	9°59	7°R 1	8° 8	18°59	2°28	T 18
F 19	4 12 25	2°19'24	17°48	25° 7	27°40	20° 6	24°14	29°16	3°16	26°11	10° 1	6°59	8° 5	19° 6	2°31	F 19
S 20	4 16 21	3°20'27	29°59	26°40	27°57	20° 3	24°15	29°23	3°14	26°12	10° 3	6°57	8° 2	19°12	2°34	S 20
S 21	4 20 18	4°21'30	12♎27	28°14	28°16	19°59	24°17	29°30	3°12	26°14	10° 5	6°52	7°59	19°19	2°36	S 21
M22	4 24 14	5°22'35	25°14	29°48	28°37	19°55	24°18	29°38	3°10	26°16	10° 8	6°47	7°55	19°26	2°38	M22
T 23	4 28 11	6°23'41	8♏22	1♐22	28°59	19°50	24°20	29°45	3° 8	26°17	10°10	6°42	7°52	19°32	2°40	T 23
W24	4 32 7	7°24'48	21°51	2°56	29°24	19°44	24°22	29°52	3° 6	26°19	10°12	6°37	7°49	19°39	2°43	W24
T 25	4 36 4	8°25'55	5♐39	4°30	29°50	19°36	24°24	29°59	3° 4	26°21	10°14	6°33	7°46	19°46	2°45	T 25
F 26	4 40 1	9°27'04	19°43	6° 4	0♏18	19°29	24°27	0♐ 6	3° 2	26°22	10°17	6°31	7°43	19°52	2°46	F 26
S 27	4 43 57	10°28'13	3♉59	7°38	0°48	19°20	24°29	0°13	3° 0	26°24	10°19	6°D30	7°40	19°59	2°48	S 27
S 28	4 47 54	11°29'22	18°22	9°12	1°19	19°10	24°32	0°20	2°59	26°26	10°21	6°30	7°36	20° 6	2°50	S 28
M29	4 51 50	12°30'32	2♒47	10°47	1°52	19° 0	24°35	0°27	2°57	26°27	10°23	6°31	7°33	20°12	2°51	M29
T 30	4 55 47	13♐31'42	17♒ 9	12♐22	2♏26	18♋49	24♓38	0♐34	2♉55	26♉29	10♐26	6♋33	7♋30	20♌19	2♍53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s 9	22s59	1s17	8s52	1n52	13s49	2s43	24n 1	1n47	3s39	1s35	18s 0	1n40	12n28	0s28	20s59	0n 6	14s19	7n45	23n20	23n15	18n49	5n42	5s41
T 2	16 27	21 10	2 28	9 29	1 47	13 25	2 28	24 2	1 49	3 40	1 34	18 2	1 40	12 28	0 27	20 59	0 6	14 19	7 44	23 20	23 16	18 48	5 40	5 41
W 3	16 44	18 3	3 29	10 6	1 41	13 3	2 12	24 3	1 52	3 40	1 34	18 3	1 40	12 27	0 27	20 59	0 6	14 20	7 44	23 20	23 16	18 46	5 38	5 42
T 4	17 2	13 52	4 18	10 43	1 35	12 41	1 57	24 4	1 54	3 41	1 34	18 5	1 40	12 26	0 27	20 59	0 6	14 20	7 44	23 20	23 16	18 45	5 36	5 42
F 5	17 19	8 56	4 51	11 20	1 29	12 20	1 42	24 5	1 57	3 42	1 34	18 7	1 40	12 25	0 27	20 59	0 6	14 21	7 44	23 21	23 16	18 44	5 35	5 43
S 6	17 36	3 32	5 6	11 56	1 23	12 0	1 27	24 6	1 59	3 42	1 33	18 8	1 40	12 24	0 27	20 59	0 6	14 21	7 44	23 21	23 16	18 42	5 33	5 43
S 7	17 52	2n 0	5 3	12 33	1 16	11 41	1 12	24 8	2 2	3 42	1 33	18 10	1 40	12 24	0 27	20 58	0 6	14 22	7 43	23 21	23 17	18 41	5 31	5 44
M 8	18 9	7 23	4 42	13 10	1 9	11 23	0 58	24 9	2 4	3 43	1 33	18 11	1 40	12 23	0 27	20 58	0 6	14 22	7 43	23 22	23 17	18 39	5 29	5 44
T 9	18 24	12 20	4 6	13 46	1 3	11 7	0 43	24 11	2 7	3 43	1 32	18 13	1 40	12 22	0 27	20 58	0 6	14 23	7 43	23 22	23 17	18 38	5 27	5 45
W10	18 40	16 35	3 16	14 21	0 56	10 52	0 30	24 13	2 10	3 43	1 32	18 15	1 40	12 21	0 27	20 58	0 6	14 23	7 43	23 23	23 17	18 36	5 25	5 45
T 11	18 55	19 56	2 17	14 57	0 49	10 38	0 16	24 15	2 12	3 43	1 32	18 16	1 40	12 20	0 27	20 57	0 6	14 24	7 43	23 23	23 18	18 35	5 24	5 46
F 12	19 10	22 13	1 12	15 31	0 42	10 25	0 3	24 17	2 15	3 43	1 32	18 18	1 40	12 20	0 27	20 57	0 6	14 24	7 43	23 23	23 18	18 33	5 22	5 46
S 13	19 25	23 21	0 5	16 5	0 35	10 13	0n10	24 19	2 17	3 43	1 31	18 20	1 40	12 19	0 27	20 57	0 6	14 25	7 42	23 23	23 18	18 32	5 20	5 47
S 14	19 39	23 20	1n 1	16 39	0 28	10 3	0 22	24 22	2 20	3 43	1 31	18 21	1 40	12 18	0 27	20 57	0 6	14 25	7 42	23 23	23 18	18 31	5 19	5 47
M15	19 53	22 13	2 4	17 12	0 21	9 54	0 34	24 24	2 23	3 42	1 31	18 23	1 40	12 17	0 27	20 56	0 6	14 26	7 42	23 23	23 18	18 29	5 17	5 48
T 16	20 6	20 8	3 0	17 44	0 14	9 46	0 46	24 27	2 26	3 42	1 30	18 24	1 39	12 17	0 27	20 56	0 6	14 26	7 42	23 23	23 19	18 28	5 16	5 48
W17	20 19	17 12	3 49	18 15	0 7	9 39	0 57	24 29	2 28	3 41	1 30	18 26	1 39	12 16	0 27	20 56	0 6	14 26	7 42	23 23	23 19	18 26	5 14	5 49
T 18	20 32	13 34	4 27	18 45	0 0	9 34	1 7	24 32	2 31	3 41	1 30	18 28	1 39	12 15	0 27	20 56	0 6	14 27	7 42	23 23	23 19	18 25	5 13	5 50
F 19	20 44	9 22	4 55	19 15	0s 7	9 30	1 18	24 35	2 34	3 40	1 29	18 29	1 39	12 15	0 27	20 55	0 6	14 27	7 42	23 23	23 19	18 23	5 11	5 50
S 20	20 56	4 44	5 10	19 44	0 13	9 27	1 27	24 38	2 37	3 39	1 29	18 31	1 39	12 14	0 27	20 55	0 6	14 28	7 42	23 23	23 19	18 22	5 10	5 51
S 21	21 8	0s11	5 11	20 12	0 20	9 24	1 37	24 42	2 39	3 39	1 29	18 32	1 39	12 13	0 27	20 55	0 6	14 28	7 41	23 23	23 19	18 20	5 8	5 51
M22	21 19	5 13	4 56	20 39	0 26	9 23	1 46	24 45	2 42	3 38	1 29	18 34	1 39	12 13	0 27	20 55	0 6	14 29	7 41	23 23	23 20	18 19	5 7	5 52
T 23	21 29	10 10	4 26	21 5	0 33	9 23	1 54	24 49	2 45	3 37	1 28	18 35	1 39	12 12	0 27	20 54	0 6	14 29	7 41	23 24	23 20	18 17	5 6	5 52
W24	21 40	14 46	3 41	21 30	0 39	9 24	2 3	24 52	2 48	3 36	1 28	18 37	1 39	12 11	0 27	20 54	0 6	14 29	7 41	23 24	23 20	18 16	5 4	5 53
T 25	21 50	18 43	2 41	21 54	0 45	9 26	2 10	24 56	2 51	3 34	1 28	18 38	1 39	12 11	0 27	20 54	0 6	14 30	7 41	23 24	23 20	18 14	5 3	5 53
F 26	21 59	21 39	1 31	22 17	0 51	9 29	2 18	25 0	2 53	3 33	1 27	18 40	1 39	12 10	0 27	20 53	0 6	14 30	7 41	23 24	23 20	18 13	5 2	5 54
S 27	22 8	23 17	0 14	22 38	0 57	9 33	2 25	25 4	2 56	3 32	1 27	18 41	1 39	12 9	0 27	20 53	0 6	14 31	7 41	23 24	23 21	18 11	5 1	5 55
S 28	22 17	23 22	1s 5	22 59	1 3	9 38	2 32	25 8	2 59	3 31	1 27	18 43	1 39	12 9	0 27	20 53	0 6	14 31	7 41	23 24	23 21	18 10	5 0	5 55
M29	22 25	21 54	2 20	23 19	1 9	9 43	2 38	25 12	3 2	3 29	1 26	18 44	1 39	12 8	0 27	20 52	0 6	14 32	7 41	23 24	23 21	18 8	4 59	5 56
T 30	22s33	19s 2	3s26	23s37	1s14	9s49	2n44	25n17	3n 4	3s28	1s26	18s46	1n39	12n 8	0s27	20s52	0n 6	14s32	7n40	23n24	23n21	18n 6	4n58	5s56

Julian Day Number = 2091725.5, Delta T = 23m12s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'32, Lahiri = 10°07'32 Julian Calendar 1 Nov. 1014 == Greg. Calendar 7 Nov. 1014

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ASTRODIENST EPHEMERIS for the year 1014
geocentric

DECEMBER 1014 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 59 43	14♐32'52	1♓26	13♐56	3♏ 2	18°R37	24♓41	0♐41	2°R53	26♑31	10♐28	6♋34	7♋27	20♌26	2♍54	W 1
T 2	5 3 40	15°34'02	15°35	15°32	3°39	18♋24	24°45	0°48	2♉52	26°33	10°30	6°R34	7°24	20°32	2°55	T 2
F 3	5 7 37	16°35'12	29°34	17° 7	4°17	18°10	24°49	0°55	2°50	26°35	10°32	6°34	7°20	20°39	2°56	F 3
S 4	5 11 33	17°36'22	13♈22	18°42	4°57	17°56	24°53	1° 1	2°48	26°36	10°35	6°32	7°17	20°46	2°57	S 4
S 5	5 15 30	18°37'32	26°59	20°18	5°37	17°41	24°57	1° 8	2°47	26°38	10°37	6°30	7°14	20°52	2°58	S 5
M 6	5 19 26	19°38'43	10♉24	21°54	6°19	17°25	25° 1	1°15	2°45	26°40	10°39	6°28	7°11	20°59	2°59	M 6
T 7	5 23 23	20°39'53	23°35	23°30	7° 2	17° 8	25° 6	1°22	2°44	26°42	10°41	6°25	7° 8	21° 6	3° 0	T 7
W 8	5 27 19	21°41'04	6♊33	25° 7	7°46	16°51	25°10	1°29	2°43	26°44	10°43	6°23	7° 5	21°13	3° 0	W 8
T 9	5 31 16	22°42'15	19°17	26°43	8°32	16°33	25°15	1°36	2°41	26°46	10°46	6°22	7° 1	21°19	3° 0	T 9
F 10	5 35 12	23°43'25	1♋48	28°21	9°18	16°15	25°20	1°42	2°40	26°48	10°48	6°D21	6°58	21°26	3° 1	F 10
S 11	5 39 9	24°44'36	14° 6	29°58	10° 5	15°55	25°26	1°49	2°39	26°50	10°50	6°21	6°55	21°33	3° 1	S 11
S 12	5 43 6	25°45'48	26°13	1♑35	10°53	15°35	25°31	1°56	2°37	26°52	10°52	6°22	6°52	21°39	3°R 1	S 12
M13	5 47 2	26°46'59	8♌11	3°13	11°42	15°15	25°37	2° 2	2°36	26°54	10°54	6°23	6°49	21°46	3° 1	M13
T 14	5 50 59	27°48'10	20° 3	4°52	12°31	14°54	25°43	2° 9	2°35	26°56	10°57	6°24	6°46	21°53	3° 1	T 14
W15	5 54 55	28°49'22	1♍52	6°30	13°22	14°33	25°49	2°16	2°34	26°58	10°59	6°25	6°42	21°59	3° 0	W15
T 16	5 58 52	29°50'33	13°44	8° 9	14°13	14°11	25°55	2°22	2°33	27° 0	11° 1	6°25	6°39	22° 6	3° 0	T 16
F 17	6 2 48	0♑51'45	25°41	9°47	15° 5	13°48	26° 1	2°29	2°32	27° 2	11° 3	6°R26	6°36	22°13	2°59	F 17
S 18	6 6 45	1°52'57	7♎50	11°26	15°58	13°26	26° 7	2°35	2°31	27° 4	11° 5	6°26	6°33	22°19	2°59	S 18
S 19	6 10 41	2°54'08	20°15	13° 6	16°52	13° 3	26°14	2°42	2°30	27° 6	11° 7	6°25	6°30	22°26	2°58	S 19
M20	6 14 38	3°55'20	2♏59	14°45	17°46	12°39	26°21	2°48	2°29	27° 9	11° 9	6°25	6°26	22°33	2°57	M20
T 21	6 18 35	4°56'32	16° 6	16°24	18°41	12°16	26°28	2°55	2°28	27°11	11°12	6°25	6°23	22°39	2°56	T 21
W22	6 22 31	5°57'44	29°38	18° 3	19°36	11°52	26°35	3° 1	2°28	27°13	11°14	6°D25	6°20	22°46	2°55	W22
T 23	6 26 28	6°58'56	13♐36	19°41	20°32	11°28	26°42	3° 7	2°27	27°15	11°16	6°25	6°17	22°53	2°54	T 23
F 24	6 30 24	8° 0'07	27°56	21°20	21°29	11° 4	26°50	3°14	2°26	27°17	11°18	6°25	6°14	22°59	2°52	F 24
S 25	6 34 21	9° 1'18	12♑34	22°57	22°26	10°40	26°57	3°20	2°26	27°19	11°20	6°R25	6°11	23° 6	2°51	S 25
S 26	6 38 17	10° 2'29	27°24	24°34	23°24	10°16	27° 5	3°26	2°25	27°22	11°22	6°25	6° 7	23°13	2°49	S 26
M27	6 42 14	11° 3'38	12♒17	26°10	24°22	9°51	27°13	3°32	2°25	27°24	11°24	6°24	6° 4	23°20	2°48	M27
T 28	6 46 11	12° 4'47	27° 7	27°45	25°21	9°28	27°21	3°38	2°24	27°26	11°26	6°24	6° 1	23°26	2°46	T 28
W29	6 50 7	13° 5'56	11♓45	29°18	26°20	9° 4	27°29	3°44	2°24	27°28	11°28	6°23	5°58	23°33	2°44	W29
T 30	6 54 4	14° 7'03	26° 8	0♒49	27°19	8°40	27°38	3°50	2°24	27°30	11°30	6°22	5°55	23°40	2°42	T 30
F 31	6 58 0	15♑ 8'09	10♈12	2♒17	28♏19	8♋17	27♓46	3♐56	2♉23	27♑33	11♐32	6°D22	5♋52	23♌46	2♍40	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s40	15s 2	4s18	23s54	1s19	9s56	2n50	25n21	3n 7	3s26	1s26	18s47	1n39	12n 7	0s27	20s52	0n 6	14s32	7n40	23n24	23n21	18n 5	4n57	5s57
T 2	22 47	10 14	4 55	24 10	1 24	10 3	2 55	25 26	3 10	3 24	1 26	18 49	1 39	12 6	0 27	20 51	0 6	14 33	7 40	23 24	23 22	18 3	4 56	5 57
F 3	22 53	4 57	5 13	24 25	1 29	10 11	3 0	25 30	3 12	3 22	1 25	18 50	1 39	12 6	0 27	20 51	0 6	14 33	7 40	23 24	23 22	18 2	4 55	5 58
S 4	22 59	0n30	5 13	24 38	1 34	10 20	3 5	25 35	3 15	3 21	1 25	18 52	1 39	12 5	0 27	20 51	0 6	14 33	7 40	23 24	23 22	18 0	4 54	5 58
S 5	23 5	5 51	4 56	24 50	1 38	10 30	3 9	25 39	3 18	3 19	1 25	18 53	1 39	12 5	0 27	20 50	0 6	14 34	7 40	23 24	23 22	17 59	4 53	5 59
M 6	23 10	10 52	4 22	25 1	1 42	10 40	3 13	25 44	3 20	3 17	1 24	18 54	1 39	12 4	0 27	20 50	0 6	14 34	7 40	23 24	23 22	17 57	4 52	6 0
T 7	23 14	15 18	3 35	25 10	1 46	10 50	3 17	25 49	3 23	3 15	1 24	18 56	1 39	12 4	0 27	20 50	0 6	14 35	7 40	23 25	23 22	17 56	4 52	6 0
W 8	23 18	18 56	2 38	25 18	1 50	11 1	3 20	25 54	3 25	3 12	1 24	18 57	1 39	12 4	0 27	20 49	0 6	14 35	7 40	23 25	23 23	17 54	4 51	6 1
T 9	23 22	21 35	1 33	25 25	1 53	11 12	3 24	25 58	3 28	3 10	1 23	18 58	1 39	12 3	0 27	20 49	0 6	14 35	7 40	23 25	23 23	17 52	4 50	6 1
F 10	23 25	23 8	0 25	25 29	1 56	11 24	3 27	26 3	3 30	3 8	1 23	19 0	1 39	12 3	0 27	20 49	0 6	14 36	7 40	23 25	23 23	17 51	4 50	6 2
S 11	23 28	23 32	0n43	25 33	1 59	11 36	3 29	26 8	3 33	3 6	1 23	19 1	1 39	12 2	0 27	20 48	0 6	14 36	7 40	23 25	23 23	17 49	4 49	6 2
S 12	23 30	22 47	1 48	25 35	2 1	11 49	3 32	26 12	3 35	3 3	1 23	19 2	1 39	12 2	0 27	20 48	0 6	14 36	7 40	23 25	23 23	17 48	4 48	6 3
M13	23 32	21 1	2 48	25 35	2 3	12 2	3 34	26 17	3 37	3 1	1 22	19 4	1 39	12 1	0 27	20 48	0 6	14 37	7 40	23 25	23 23	17 46	4 48	6 3
T 14	23 33	18 21	3 39	25 33	2 5	12 15	3 36	26 22	3 39	2 58	1 22	19 5	1 39	12 1	0 27	20 47	0 6	14 37	7 40	23 25	23 24	17 44	4 48	6 4
W15	23 34	14 56	4 22	25 30	2 6	12 28	3 38	26 26	3 41	2 55	1 22	19 6	1 39	12 1	0 27	20 47	0 6	14 37	7 40	23 25	23 24	17 43	4 47	6 5
T 16	23 34	10 56	4 53	25 26	2 7	12 42	3 39	26 30	3 43	2 53	1 21	19 8	1 39	12 0	0 27	20 46	0 6	14 37	7 40	23 25	23 24	17 41	4 47	6 5
F 17	23 34	6 29	5 12	25 19	2 7	12 56	3 40	26 35	3 45	2 50	1 21	19 9	1 39	12 0	0 27	20 46	0 6	14 38	7 40	23 25	23 24	17 39	4 47	6 6
S 18	23 33	1 44	5 17	25 11	2 7	13 10	3 41	26 39	3 47	2 47	1 21	19 10	1 39	12 0	0 26	20 46	0 6	14 38	7 40	23 25	23 24	17 38	4 46	6 6
S 19	23 32	3s11	5 8	25 1	2 7	13 25	3 42	26 43	3 49	2 44	1 21	19 11	1 39	11 59	0 26	20 45	0 6	14 38	7 40	23 25	23 24	17 36	4 46	6 7
M20	23 30	8 7	4 44	24 50	2 6	13 39	3 43	26 47	3 51	2 41	1 20	19 13	1 39	11 59	0 26	20 45	0 6	14 39	7 40	23 25	23 25	17 35	4 46	6 7
T 21	23 28	12 50	4 5	24 37	2 4	13 54	3 43	26 51	3 52	2 38	1 20	19 14	1 39	11 59	0 26	20 44	0 6	14 39	7 40	23 25	23 25	17 33	4 46	6 8
W22	23 26	17 5	3 10	24 22	2 2	14 8	3 44	26 55	3 54	2 35	1 20	19 15	1 39	11 59	0 26	20 44	0 6	14 39	7 40	23 25	23 25	17 31	4 46	6 8
T 23	23 23	20 31	2 3	24 5	2 0	14 23	3 44	26 58	3 55	2 32	1 20	19 16	1 39	11 59	0 26	20 44	0 6	14 39	7 40	23 25	23 25	17 30	4 46	6 9
F 24	23 19	22 46	0 47	23 47	1 56	14 38	3 44	27 2	3 56	2 29	1 19	19 17	1 39	11 58	0 26	20 43	0 6	14 40	7 40	23 25	23 25	17 28	4 46	6 9
S 25	23 15	23 32	0s34	23 27	1 52	14 53	3 43	27 5	3 57	2 25	1 19	19 18	1 39	11 58	0 26	20 43	0 6	14 40	7 40	23 25	23 25	17 26	4 46	6 10
S 26	23 11	22 39	1 54	23 5	1 47	15 8	3 43	27 8	3 59	2 22	1 19	19 20	1 39	11 58	0 26	20 42	0 6	14 40	7 40	23 25	23 25	17 25	4 46	6 10
M27	23 6	20 11	3 6	22 42	1 42	15 22	3 42	27 11	4 0	2 19	1 19	19 21	1 39	11 58	0 26	20 42	0 6	14 40	7 40	23 25	23 26	17 23	4 46	6 11
T 28	23 1	16 23	4 6	22 17	1 36	15 37	3 41	27 13	4 0	2 15	1 18	19 22	1 39	11 58	0 26	20 41	0 6	14 41	7 40	23 25	23 26	17 21	4 46	6 11
W29	22 55	11 38	4 49	21 51	1 29	15 52	3 40	27 16	4 1	2 12	1 18	19 23	1 39	11 58	0 26	20 41	0 6	14 41	7 40	23 25	23 26	17 20	4 46	6 12
T 30	22 49	6 19	5 12	21 24	1 21	16 6	3 39	27 18	4 2	2 8	1 18	19 24	1 40	11 58	0 26	20 41	0 6	14 41	7 40	23 25	23 26	17 18	4 47	6 12
F 31	22s42	0s47	5s17	20s56	1s12	16s21	3n38	27n20	4n 2	2s 4	1s18	19s25	1n40	11n57	0s26	20s40	0n 6	14s41	7n40	23n25	23n26	17n16	4n47	6s12

Julian Day Number = 2091755.5, Delta T = 23m12s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'36, Lahiri = 10°07'36 Julian Calendar 1 Dec. 1014 == Greg. Calendar 7 Dec. 1014

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

JANUARY 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 1 57	16♑ 9'14	23♈56	3♒43	29♏20	7°R54	27♓55	4♐ 2	2°R23	27♑35	11♐34	6♋22	5♋48	23♌53	2°R38	S 1
S 2	7 5 53	17°10'18	7♉20	5° 5	0♐21	7♋31	28° 4	4° 8	2♉23	27°37	11°36	6°23	5°45	24° 0	2♍36	S 2
M 3	7 9 50	18°11'21	20°27	6°23	1°22	7° 8	28°13	4°13	2°23	27°39	11°38	6°24	5°42	24° 6	2°33	M 3
T 4	7 13 46	19°12'23	3♊17	7°36	2°23	6°46	28°22	4°19	2°23	27°42	11°40	6°25	5°39	24°13	2°31	T 4
W 5	7 17 43	20°13'24	15°53	8°43	3°25	6°25	28°31	4°25	2°D23	27°44	11°41	6°26	5°36	24°20	2°28	W 5
T 6	7 21 40	21°14'24	28°17	9°44	4°27	6° 4	28°40	4°30	2°23	27°46	11°43	6°27	5°32	24°26	2°26	T 6
F 7	7 25 36	22°15'23	10♋32	10°38	5°30	5°43	28°50	4°36	2°23	27°48	11°45	6°R27	5°29	24°33	2°23	F 7
S 8	7 29 33	23°16'21	22°38	11°24	6°33	5°23	28°59	4°41	2°23	27°51	11°47	6°26	5°26	24°40	2°20	S 8
S 9	7 33 29	24°17'18	4♌37	12° 1	7°36	5° 4	29° 9	4°47	2°23	27°53	11°49	6°24	5°23	24°47	2°17	S 9
M10	7 37 26	25°18'14	16°31	12°28	8°40	4°45	29°19	4°52	2°23	27°55	11°50	6°22	5°20	24°53	2°14	M10
T 11	7 41 22	26°19'09	28°22	12°45	9°44	4°27	29°29	4°58	2°24	27°58	11°52	6°19	5°17	25° 0	2°11	T 11
W12	7 45 19	27°20'03	10♍12	12°R52	10°48	4°10	29°39	5° 3	2°24	28° 0	11°54	6°15	5°13	25° 7	2° 8	W12
T 13	7 49 15	28°20'56	22° 5	12°47	11°52	3°53	29°49	5° 8	2°24	28° 2	11°56	6°11	5°10	25°13	2° 4	T 13
F 14	7 53 12	29°21'48	4♎ 2	12°31	12°57	3°37	29°59	5°13	2°25	28° 4	11°57	6° 8	5° 7	25°20	2° 1	F 14
S 15	7 57 9	0♒22'39	16° 9	12° 4	14° 2	3°21	0♈10	5°18	2°25	28° 7	11°59	6° 6	5° 4	25°27	1°58	S 15
S 16	8 1 5	1°23'29	28°29	11°26	15° 7	3° 6	0°20	5°23	2°26	28° 9	12° 1	6°D 6	5° 1	25°33	1°54	S 16
M17	8 5 2	2°24'18	11♏ 7	10°39	16°13	2°53	0°31	5°28	2°27	28°11	12° 2	6° 6	4°58	25°40	1°50	M17
T 18	8 8 58	3°25'07	24° 7	9°44	17°18	2°39	0°42	5°33	2°27	28°14	12° 4	6° 7	4°54	25°47	1°47	T 18
W19	8 12 55	4°25'54	7♐32	8°42	18°24	2°27	0°53	5°38	2°28	28°16	12° 5	6° 9	4°51	25°53	1°43	W19
T 20	8 16 51	5°26'40	21°24	7°36	19°30	2°15	1° 4	5°42	2°29	28°18	12° 7	6°10	4°48	26° 0	1°39	T 20
F 21	8 20 48	6°27'25	5♑44	6°26	20°37	2° 4	1°15	5°47	2°29	28°20	12° 8	6°R11	4°45	26° 7	1°35	F 21
S 22	8 24 44	7°28'09	20°29	5°15	21°43	1°54	1°26	5°51	2°30	28°23	12°10	6°10	4°42	26°14	1°31	S 22
S 23	8 28 41	8°28'51	5♒32	4° 5	22°50	1°45	1°37	5°56	2°31	28°25	12°11	6° 8	4°38	26°20	1°27	S 23
M24	8 32 38	9°29'32	20°44	2°58	23°57	1°37	1°49	6° 0	2°32	28°27	12°13	6° 4	4°35	26°27	1°23	M24
T 25	8 36 34	10°30'12	5♓57	1°54	25° 4	1°29	2° 0	6° 4	2°33	28°29	12°14	5°59	4°32	26°34	1°19	T 25
W26	8 40 31	11°30'49	20°59	0°56	26°11	1°22	2°12	6° 9	2°34	28°32	12°16	5°53	4°29	26°40	1°15	W26
T 27	8 44 27	12°31'25	5♈42	0° 5	27°19	1°16	2°23	6°13	2°35	28°34	12°17	5°48	4°26	26°47	1°11	T 27
F 28	8 48 24	13°31'59	20° 1	29♑20	28°26	1°11	2°35	6°17	2°37	28°36	12°18	5°45	4°23	26°54	1° 6	F 28
S 29	8 52 20	14°32'31	3♉52	28°43	29°34	1° 7	2°47	6°21	2°38	28°38	12°20	5°42	4°19	27° 0	1° 2	S 29
S 30	8 56 17	15°33'02	17°17	28°13	0♑42	1° 3	2°59	6°25	2°39	28°40	12°21	5°D42	4°16	27° 7	0°58	S 30
M31	9 0 13	16♒33'30	0♊18	27♑51	1♑50	1♋ 0	3♈11	6♐29	2♉40	28♑43	12♐22	5♋43	4♋13	27♌14	0♍53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s35	4n39	5s 3	20s26	1s 3	16s35	3n37	27n22	4n 3	2s 1	1s17	19s26	1n40	11n57	0s26	20s40	0n 6	14s42	7n40	23n25	23n26	17n15	4n47	6s13
S 2	22 27	9 45	4 32	19 56	0 52	16 50	3 35	27 24	4 3	1 57	1 17	19 27	1 40	11 57	0 26	20 39	0 6	14 42	7 40	23 25	23 26	17 13	4 48	6 13
M 3	22 19	14 17	3 48	19 26	0 41	17 4	3 33	27 26	4 4	1 53	1 17	19 28	1 40	11 57	0 26	20 39	0 6	14 42	7 40	23 25	23 27	17 11	4 48	6 14
T 4	22 11	18 5	2 54	18 55	0 28	17 18	3 32	27 27	4 4	1 49	1 17	19 29	1 40	11 57	0 26	20 38	0 6	14 42	7 40	23 25	23 27	17 9	4 49	6 14
W 5	22 2	20 58	1 51	18 25	0 15	17 31	3 30	27 28	4 4	1 46	1 16	19 30	1 40	11 57	0 26	20 38	0 6	14 42	7 40	23 25	23 27	17 8	4 49	6 15
T 6	21 53	22 48	0 45	17 55	0 1	17 45	3 28	27 29	4 4	1 42	1 16	19 31	1 40	11 57	0 26	20 38	0 6	14 43	7 40	23 25	23 27	17 6	4 50	6 15
F 7	21 43	23 31	0n23	17 26	0n15	17 58	3 25	27 30	4 4	1 38	1 16	19 32	1 40	11 57	0 26	20 37	0 6	14 43	7 40	23 25	23 27	17 4	4 50	6 15
S 8	21 33	23 6	1 28	16 58	0 30	18 11	3 23	27 31	4 4	1 34	1 16	19 33	1 40	11 58	0 26	20 37	0 6	14 43	7 40	23 25	23 27	17 2	4 51	6 16
S 9	21 22	21 38	2 29	16 32	0 47	18 24	3 21	27 31	4 3	1 29	1 15	19 34	1 40	11 58	0 26	20 36	0 6	14 43	7 40	23 25	23 27	17 1	4 52	6 16
M10	21 11	19 12	3 24	16 8	1 4	18 36	3 18	27 32	4 3	1 25	1 15	19 35	1 40	11 58	0 26	20 36	0 6	14 43	7 40	23 25	23 28	16 59	4 52	6 16
T 11	21 0	15 59	4 9	15 46	1 22	18 48	3 15	27 32	4 2	1 21	1 15	19 36	1 40	11 58	0 26	20 35	0 6	14 43	7 41	23 25	23 28	16 57	4 53	6 17
W12	20 48	12 8	4 43	15 27	1 39	19 0	3 13	27 32	4 2	1 17	1 15	19 37	1 40	11 58	0 26	20 35	0 6	14 43	7 41	23 25	23 28	16 56	4 54	6 17
T 13	20 36	7 49	5 5	15 12	1 57	19 12	3 10	27 32	4 1	1 13	1 15	19 37	1 40	11 58	0 26	20 34	0 6	14 44	7 41	23 25	23 28	16 54	4 55	6 17
F 14	20 24	3 11	5 14	15 0	2 14	19 23	3 7	27 32	4 1	1 8	1 14	19 38	1 40	11 58	0 26	20 34	0 6	14 44	7 41	23 25	23 28	16 52	4 56	6 18
S 15	20 11	1s37	5 10	14 51	2 31	19 34	3 4	27 31	4 0	1 4	1 14	19 39	1 41	11 59	0 26	20 34	0 6	14 44	7 41	23 25	23 28	16 50	4 57	6 18
S 16	19 57	6 28	4 51	14 46	2 47	19 44	3 1	27 31	3 59	1 0	1 14	19 40	1 41	11 59	0 26	20 33	0 5	14 44	7 41	23 26	23 28	16 48	4 58	6 18
M17	19 44	11 10	4 18	14 45	3 1	19 54	2 58	27 30	3 58	0 55	1 14	19 41	1 41	11 59	0 26	20 33	0 5	14 44	7 41	23 26	23 28	16 47	4 59	6 19
T 18	19 30	15 30	3 31	14 48	3 14	20 4	2 55	27 30	3 57	0 51	1 13	19 41	1 41	11 59	0 26	20 32	0 5	14 44	7 41	23 25	23 29	16 45	5 0	6 19
W19	19 15	19 12	2 31	14 54	3 24	20 13	2 51	27 29	3 56	0 46	1 13	19 42	1 41	12 0	0 26	20 32	0 5	14 44	7 41	23 25	23 29	16 43	5 1	6 19
T 20	19 1	21 57	1 20	15 2	3 33	20 22	2 48	27 28	3 55	0 42	1 13	19 43	1 41	12 0	0 26	20 31	0 5	14 44	7 41	23 25	23 29	16 41	5 2	6 19
F 21	18 45	23 24	0 2	15 14	3 39	20 30	2 44	27 27	3 54	0 37	1 13	19 44	1 41	12 0	0 25	20 31	0 5	14 44	7 41	23 25	23 29	16 40	5 3	6 20
S 22	18 30	23 16	1s18	15 27	3 43	20 38	2 41	27 26	3 53	0 32	1 13	19 44	1 41	12 1	0 25	20 30	0 5	14 45	7 42	23 25	23 29	16 38	5 4	6 20
S 23	18 14	21 28	2 34	15 42	3 44	20 45	2 37	27 25	3 52	0 28	1 12	19 45	1 41	12 1	0 25	20 30	0 5	14 45	7 42	23 25	23 29	16 36	5 6	6 20
M24	17 58	18 7	3 40	15 58	3 44	20 52	2 34	27 24	3 51	0 23	1 12	19 46	1 41	12 1	0 25	20 30	0 5	14 45	7 42	23 26	23 29	16 34	5 7	6 20
T 25	17 42	13 33	4 30	16 15	3 41	20 58	2 30	27 23	3 49	0 18	1 12	19 46	1 41	12 2	0 25	20 29	0 5	14 45	7 42	23 26	23 29	16 32	5 8	6 20
W26	17 25	8 12	5 1	16 33	3 36	21 4	2 26	27 22	3 48	0 13	1 12	19 47	1 41	12 2	0 25	20 29	0 5	14 45	7 42	23 26	23 29	16 31	5 9	6 21
T 27	17 8	2 29	5 11	16 50	3 29	21 10	2 23	27 20	3 47	0 8	1 12	19 48	1 42	12 2	0 25	20 28	0 5	14 45	7 42	23 26	23 30	16 29	5 11	6 21
F 28	16 51	3n12	5 2	17 8	3 21	21 15	2 19	27 19	3 45	0 4	1 12	19 48	1 42	12 3	0 25	20 28	0 5	14 45	7 42	23 26	23 30	16 27	5 12	6 21
S 29	16 33	8 34	4 35	17 24	3 11	21 19	2 15	27 18	3 44	0n 1	1 11	19 49	1 42	12 3	0 25	20 27	0 5	14 45	7 42	23 27	23 30	16 25	5 14	6 21
S 30	16 16	13 21	3 53	17 41	3 1	21 23	2 11	27 16	3 42	0 6	1 11	19 49	1 42	12 4	0 25	20 27	0 5	14 45	7 43	23 27	23 30	16 23	5 15	6 21
M31	15s57	17n23	3s 1	17s56	2n50	21s26	2n 7	27n15	3n41	0n11	1s11	19s50	1n42	12n 4	0s25	20s26	0n 5	14s45	7n43	23n27	23n30	16n21	5n16	6s21

Julian Day Number = 2091786.5, Delta T = 23m12s
Ecliptic obliquity = 23°34'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'40, Lahiri = 10°07'41 Julian Calendar 1 Jan. 1015 == Greg. Calendar 7 Jan. 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

FEBRUARY 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 4 10	17♒33'57	12♊58	27°R37	2♑58	0°R58	3♈23	6♐32	2♉42	28♑45	12♐23	5♋44	4♋10	27♌20	0°R49	T 1
W 2	9 8 7	18°34'21	25°22	27♑29	4° 6	0♋57	3°35	6°36	2°43	28°47	12°24	5°46	4° 7	27°27	0♍44	W 2
T 3	9 12 3	19°34'44	7♋33	27°D29	5°14	0°D56	3°47	6°40	2°45	28°49	12°26	5°R46	4° 4	27°34	0°40	T 3
F 4	9 16 0	20°35'05	19°34	27°36	6°23	0°57	4° 0	6°43	2°46	28°51	12°27	5°45	4° 0	27°41	0°35	F 4
S 5	9 19 56	21°35'23	1♌30	27°48	7°32	0°58	4°12	6°47	2°48	28°53	12°28	5°42	3°57	27°47	0°31	S 5
S 6	9 23 53	22°35'40	13°23	28° 7	8°40	0°59	4°25	6°50	2°49	28°56	12°29	5°36	3°54	27°54	0°26	S 6
M 7	9 27 49	23°35'55	25°14	28°31	9°49	1° 2	4°37	6°53	2°51	28°58	12°30	5°28	3°51	28° 1	0°22	M 7
T 8	9 31 46	24°36'09	7♍ 5	29° 0	10°58	1° 5	4°50	6°56	2°53	29° 0	12°31	5°19	3°48	28° 7	0°17	T 8
W 9	9 35 42	25°36'20	18°58	29°33	12° 7	1° 9	5° 3	6°59	2°55	29° 2	12°32	5° 9	3°44	28°14	0°12	W 9
T 10	9 39 39	26°36'30	0♎55	0♒11	13°17	1°13	5°15	7° 2	2°56	29° 4	12°33	4°59	3°41	28°21	0° 8	T 10
F 11	9 43 36	27°36'38	12°57	0°54	14°26	1°18	5°28	7° 5	2°58	29° 6	12°34	4°50	3°38	28°27	0° 3	F 11
S 12	9 47 32	28°36'44	25° 6	1°40	15°35	1°24	5°41	7° 8	3° 0	29° 8	12°35	4°43	3°35	28°34	29♌58	S 12
S 13	9 51 29	29°36'49	7♏27	2°29	16°45	1°30	5°54	7°11	3° 2	29°10	12°35	4°38	3°32	28°41	29°53	S 13
M14	9 55 25	0♓36'52	20° 2	3°22	17°55	1°37	6° 7	7°13	3° 4	29°12	12°36	4°35	3°29	28°48	29°49	M14
T 15	9 59 22	1°36'53	2♐56	4°18	19° 4	1°45	6°20	7°16	3° 6	29°14	12°37	4°D35	3°25	28°54	29°44	T 15
W16	10 3 18	2°36'53	16°12	5°16	20°14	1°53	6°33	7°18	3° 8	29°16	12°38	4°35	3°22	29° 1	29°39	W16
T 17	10 7 15	3°36'51	29°53	6°18	21°24	2° 2	6°47	7°20	3°10	29°18	12°38	4°R36	3°19	29° 8	29°35	T 17
F 18	10 11 11	4°36'48	14♑ 1	7°22	22°34	2°12	7° 0	7°23	3°12	29°20	12°39	4°36	3°16	29°14	29°30	F 18
S 19	10 15 8	5°36'42	28°36	8°28	23°44	2°22	7°13	7°25	3°14	29°22	12°40	4°33	3°13	29°21	29°25	S 19
S 20	10 19 5	6°36'35	13♒34	9°36	24°54	2°33	7°27	7°27	3°17	29°24	12°40	4°29	3° 9	29°28	29°21	S 20
M21	10 23 1	7°36'26	28°47	10°47	26° 5	2°44	7°40	7°29	3°19	29°26	12°41	4°21	3° 6	29°34	29°16	M21
T 22	10 26 58	8°36'15	14♓ 6	11°59	27°15	2°55	7°53	7°31	3°21	29°28	12°42	4°12	3° 3	29°41	29°11	T 22
W23	10 30 54	9°36'02	29°19	13°14	28°25	3° 8	8° 7	7°32	3°23	29°30	12°42	4° 2	3° 0	29°48	29° 7	W23
T 24	10 34 51	10°35'47	14♈16	14°30	29°36	3°21	8°21	7°34	3°26	29°31	12°43	3°53	2°57	29°55	29° 2	T 24
F 25	10 38 47	11°35'30	28°48	15°48	0♒46	3°34	8°34	7°36	3°28	29°33	12°43	3°44	2°54	0♍ 1	28°58	F 25
S 26	10 42 44	12°35'10	12♉51	17° 8	1°57	3°48	8°48	7°37	3°31	29°35	12°43	3°39	2°50	0° 8	28°53	S 26
S 27	10 46 40	13°34'48	26°24	18°29	3° 7	4° 2	9° 2	7°38	3°33	29°37	12°44	3°35	2°47	0°15	28°49	S 27
M28	10 50 37	14♓34'24	9♊29	19♒52	4♒18	4♋17	9♈15	7♐40	3♉36	29♑39	12♐44	3°D34	2♋44	0♍21	28♌44	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s39	20n29	2s 1	18s10	2n38	21s29	2n 3	27n13	3n40	0n16	1s11	19s50	1n42	12n 5	0s25	20s26	0n 5	14s45	7n43	23n26	23n30	16n20	5n18	6s21
W 2	15 20	22 33	0 56	18 24	2 25	21 31	1 59	27 12	3 38	0 21	1 11	19 51	1 42	12 5	0 25	20 26	0 5	14 45	7 43	23 26	23 30	16 18	5 19	6 21
T 3	15 2	23 31	0n10	18 36	2 13	21 33	1 55	27 10	3 37	0 26	1 11	19 51	1 42	12 6	0 25	20 25	0 5	14 45	7 43	23 26	23 30	16 16	5 21	6 21
F 4	14 42	23 21	1 14	18 48	2 0	21 34	1 51	27 9	3 35	0 31	1 10	19 52	1 42	12 6	0 25	20 25	0 5	14 45	7 43	23 26	23 30	16 14	5 23	6 21
S 5	14 23	22 7	2 15	18 58	1 47	21 34	1 47	27 7	3 34	0 36	1 10	19 52	1 42	12 7	0 25	20 24	0 5	14 45	7 43	23 27	23 30	16 12	5 24	6 21
S 6	14 3	19 54	3 9	19 6	1 34	21 34	1 43	27 6	3 32	0 41	1 10	19 53	1 43	12 8	0 25	20 24	0 5	14 45	7 43	23 27	23 31	16 10	5 26	6 21
M 7	13 44	16 51	3 55	19 14	1 22	21 33	1 39	27 4	3 31	0 47	1 10	19 53	1 43	12 8	0 25	20 23	0 5	14 45	7 44	23 27	23 31	16 8	5 27	6 21
T 8	13 23	13 8	4 30	19 20	1 9	21 32	1 35	27 3	3 29	0 52	1 10	19 54	1 43	12 9	0 25	20 23	0 5	14 45	7 44	23 28	23 31	16 7	5 29	6 21
W 9	13 3	8 53	4 54	19 25	0 57	21 30	1 31	27 1	3 27	0 57	1 10	19 54	1 43	12 9	0 25	20 23	0 5	14 45	7 44	23 28	23 31	16 5	5 31	6 21
T 10	12 43	4 18	5 5	19 29	0 45	21 28	1 27	27 0	3 26	1 2	1 9	19 54	1 43	12 10	0 25	20 22	0 5	14 45	7 44	23 28	23 31	16 3	5 32	6 21
F 11	12 22	0s29	5 3	19 31	0 33	21 25	1 22	26 58	3 24	1 7	1 9	19 55	1 43	12 11	0 25	20 22	0 5	14 45	7 44	23 29	23 31	16 1	5 34	6 21
S 12	12 1	5 19	4 47	19 32	0 22	21 21	1 18	26 56	3 23	1 13	1 9	19 55	1 43	12 11	0 25	20 21	0 5	14 45	7 44	23 29	23 31	15 59	5 36	6 21
S 13	11 40	10 1	4 18	19 32	0 11	21 17	1 14	26 55	3 21	1 18	1 9	19 56	1 43	12 12	0 25	20 21	0 5	14 45	7 44	23 29	23 31	15 57	5 37	6 21
M14	11 19	14 23	3 35	19 30	0s 0	21 12	1 10	26 53	3 20	1 23	1 9	19 56	1 43	12 13	0 25	20 20	0 5	14 45	7 45	23 29	23 31	15 55	5 39	6 21
T 15	10 57	18 13	2 41	19 27	0 10	21 7	1 6	26 51	3 18	1 29	1 9	19 56	1 44	12 13	0 25	20 20	0 5	14 45	7 45	23 29	23 31	15 53	5 41	6 21
W16	10 36	21 14	1 37	19 23	0 20	21 1	1 2	26 50	3 17	1 34	1 9	19 56	1 44	12 14	0 25	20 20	0 5	14 45	7 45	23 29	23 31	15 51	5 43	6 20
T 17	10 14	23 9	0 25	19 17	0 30	20 54	0 58	26 48	3 15	1 39	1 9	19 57	1 44	12 15	0 25	20 19	0 5	14 45	7 45	23 29	23 31	15 49	5 45	6 20
F 18	9 52	23 39	0s50	19 10	0 39	20 47	0 54	26 46	3 14	1 45	1 8	19 57	1 44	12 16	0 25	20 19	0 5	14 45	7 45	23 29	23 32	15 47	5 46	6 20
S 19	9 30	22 35	2 4	19 1	0 48	20 39	0 50	26 45	3 12	1 50	1 8	19 57	1 44	12 16	0 25	20 18	0 5	14 44	7 45	23 29	23 32	15 46	5 48	6 20
S 20	9 8	19 54	3 12	18 51	0 57	20 31	0 46	26 43	3 10	1 56	1 8	19 57	1 44	12 17	0 25	20 18	0 5	14 44	7 46	23 29	23 32	15 44	5 50	6 20
M21	8 46	15 49	4 7	18 40	1 5	20 22	0 42	26 41	3 9	2 1	1 8	19 58	1 44	12 18	0 25	20 18	0 5	14 44	7 46	23 30	23 32	15 42	5 52	6 19
T 22	8 23	10 40	4 45	18 27	1 13	20 12	0 38	26 39	3 7	2 6	1 8	19 58	1 44	12 19	0 25	20 17	0 5	14 44	7 46	23 30	23 32	15 40	5 54	6 19
W23	8 1	4 53	5 2	18 13	1 20	20 2	0 34	26 38	3 6	2 12	1 8	19 58	1 44	12 20	0 25	20 17	0 5	14 44	7 46	23 30	23 32	15 38	5 55	6 19
T 24	7 38	1n 5	4 58	17 57	1 27	19 52	0 30	26 36	3 4	2 17	1 8	19 58	1 45	12 20	0 25	20 17	0 5	14 44	7 46	23 31	23 32	15 36	5 57	6 19
F 25	7 15	6 49	4 35	17 40	1 33	19 41	0 26	26 34	3 3	2 23	1 8	19 58	1 45	12 21	0 25	20 16	0 5	14 44	7 46	23 31	23 32	15 34	5 59	6 18
S 26	6 52	12 2	3 55	17 22	1 40	19 29	0 22	26 32	3 1	2 28	1 7	19 58	1 45	12 22	0 24	20 16	0 5	14 44	7 46	23 31	23 32	15 32	6 1	6 18
S 27	6 29	16 28	3 4	17 2	1 45	19 16	0 18	26 30	3 0	2 34	1 7	19 58	1 45	12 23	0 24	20 15	0 5	14 44	7 47	23 31	23 32	15 30	6 3	6 18
M28	6s 6	19n56	2s 4	16s41	1s50	19s 3	0n14	26n28	2n58	2n39	1s 7	19s59	1n45	12n24	0s24	20s15	0n 5	14s44	7n47	23n31	23n32	15n28	6n 5	6s17

Julian Day Number = 2091817.5, Delta T = 23m11s
Ecliptic obliquity = 23°34'00, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'44, Lahiri = 10°07'45 Julian Calendar 1 Feb. 1015 == Greg. Calendar 7 Feb. 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

MARCH 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 54 33	15♓33'57	22♊ 9	21♒17	5♒29	4♋32	9♈29	7♐41	3♉38	29♋40	12♐44	3♋34	2♋41	0♍28	28°R40	T 1
W 2	10 58 30	16°33'28	4♋30	22°43	6°39	4°48	9°43	7°42	3°41	29°42	12°45	3°R34	2°38	0°35	28♌36	W 2
T 3	11 2 27	17°32'57	16°36	24°10	7°50	5° 4	9°57	7°43	3°43	29°44	12°45	3°33	2°35	0°41	28°31	T 3
F 4	11 6 23	18°32'23	28°32	25°39	9° 1	5°21	10°11	7°44	3°46	29°45	12°45	3°31	2°31	0°48	28°27	F 4
S 5	11 10 20	19°31'47	10♌24	27°10	10°12	5°38	10°25	7°44	3°49	29°47	12°45	3°25	2°28	0°55	28°23	S 5
S 6	11 14 16	20°31'09	22°13	28°41	11°23	5°55	10°39	7°45	3°52	29°49	12°46	3°17	2°25	1° 2	28°19	S 6
M 7	11 18 13	21°30'28	4♍ 3	0♓15	12°34	6°13	10°53	7°46	3°54	29°50	12°46	3° 6	2°22	1° 8	28°15	M 7
T 8	11 22 9	22°29'46	15°57	1°49	13°45	6°31	11° 7	7°46	3°57	29°52	12°46	2°53	2°19	1°15	28°10	T 8
W 9	11 26 6	23°29'01	27°55	3°25	14°56	6°50	11°21	7°46	4° 0	29°53	12°46	2°39	2°15	1°22	28° 7	W 9
T 10	11 30 2	24°28'14	10♎ 0	5° 3	16° 8	7° 9	11°35	7°47	4° 3	29°55	12°R46	2°25	2°12	1°28	28° 3	T 10
F 11	11 33 59	25°27'25	22°11	6°41	17°19	7°28	11°49	7°47	4° 6	29°56	12°46	2°13	2° 9	1°35	27°59	F 11
S 12	11 37 56	26°26'34	4♏30	8°22	18°30	7°48	12° 3	7°R47	4° 8	29°58	12°46	2° 2	2° 6	1°42	27°55	S 12
S 13	11 41 52	27°25'41	16°59	10° 3	19°41	8° 8	12°17	7°47	4°11	29°59	12°46	1°54	2° 3	1°48	27°51	S 13
M14	11 45 49	28°24'47	29°40	11°46	20°53	8°28	12°31	7°47	4°14	0♒ 1	12°46	1°49	2° 0	1°55	27°48	M14
T 15	11 49 45	29°23'50	12♐36	13°31	22° 4	8°49	12°46	7°46	4°17	0° 2	12°46	1°47	1°56	2° 2	27°44	T 15
W16	11 53 42	0♈22'52	25°49	15°17	23°16	9°10	13° 0	7°46	4°20	0° 3	12°45	1°46	1°53	2° 9	27°40	W16
T 17	11 57 38	1°21'52	9♑23	17° 4	24°27	9°32	13°14	7°46	4°23	0° 5	12°45	1°46	1°50	2°15	27°37	T 17
F 18	12 1 35	2°20'51	23°19	18°53	25°39	9°53	13°28	7°45	4°26	0° 6	12°45	1°45	1°47	2°22	27°34	F 18
S 19	12 5 31	3°19'47	7♒39	20°43	26°50	10°15	13°43	7°45	4°29	0° 7	12°45	1°43	1°44	2°29	27°30	S 19
S 20	12 9 28	4°18'42	22°20	22°35	28° 2	10°38	13°57	7°44	4°33	0° 9	12°44	1°37	1°41	2°35	27°27	S 20
M21	12 13 25	5°17'35	7♓18	24°28	29°13	11° 0	14°11	7°43	4°36	0°10	12°44	1°29	1°37	2°42	27°24	M21
T 22	12 17 21	6°16'26	22°24	26°23	0♓25	11°23	14°26	7°42	4°39	0°11	12°44	1°19	1°34	2°49	27°21	T 22
W23	12 21 18	7°15'15	7♈30	28°19	1°37	11°46	14°40	7°41	4°42	0°12	12°43	1° 8	1°31	2°56	27°18	W23
T 24	12 25 14	8°14'02	22°24	0♈16	2°49	12°10	14°54	7°40	4°45	0°13	12°43	0°57	1°28	3° 2	27°15	T 24
F 25	12 29 11	9°12'46	6♉58	2°15	4° 0	12°34	15° 9	7°39	4°48	0°14	12°42	0°47	1°25	3° 9	27°12	F 25
S 26	12 33 7	10°11'29	21° 6	4°16	5°12	12°58	15°23	7°37	4°52	0°15	12°42	0°40	1°21	3°16	27°10	S 26
S 27	12 37 4	11°10'10	4♊44	6°18	6°24	13°22	15°37	7°36	4°55	0°16	12°41	0°35	1°18	3°22	27° 7	S 27
M28	12 41 0	12° 8'48	17°55	8°21	7°36	13°47	15°52	7°34	4°58	0°17	12°41	0°33	1°15	3°29	27° 5	M28
T 29	12 44 57	13° 7'24	0♋40	10°25	8°48	14°12	16° 6	7°33	5° 1	0°18	12°40	0°D32	1°12	3°36	27° 2	T 29
W30	12 48 53	14° 5'58	13° 3	12°30	9°59	14°37	16°21	7°31	5° 5	0°19	12°40	0°R33	1° 9	3°42	27° 0	W30
T 31	12 52 50	15♈ 4'30	25♋11	14♈36	11♓11	15♋ 2	16♈35	7♐29	5♉ 8	0♒20	12♐39	0♋32	1♋ 6	3♍49	26♌58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s43	22n20	1s 0	16s18	1s55	18s50	0n10	26n26	2n57	2n45	1s 7	19s59	1n45	12n25	0s24	20s15	0n 5	14s43	7n47	23n31	23n32	15n26	6n 6	6s17
W 2	5 20	23 34	0n 5	15 54	2 0	18 36	0 7	26 24	2 55	2 51	1 7	19 59	1 45	12 26	0 24	20 14	0 5	14 43	7 47	23 31	23 32	15 24	6 8	6 17
T 3	4 57	23 40	1 9	15 29	2 4	18 22	0 3	26 22	2 54	2 56	1 7	19 59	1 45	12 27	0 24	20 14	0 5	14 43	7 47	23 31	23 32	15 22	6 10	6 16
F 4	4 33	22 39	2 8	15 2	2 7	18 7	0s 1	26 20	2 53	3 2	1 7	19 59	1 46	12 28	0 24	20 14	0 5	14 43	7 47	23 31	23 33	15 20	6 12	6 16
S 5	4 10	20 39	3 2	14 34	2 10	17 51	0 4	26 18	2 51	3 7	1 7	19 59	1 46	12 28	0 24	20 13	0 5	14 43	7 48	23 31	23 33	15 18	6 14	6 15
S 6	3 47	17 45	3 47	14 4	2 13	17 35	0 8	26 16	2 50	3 13	1 7	19 59	1 46	12 29	0 24	20 13	0 5	14 43	7 48	23 32	23 33	15 16	6 15	6 15
M 7	3 23	14 9	4 23	13 33	2 15	17 18	0 11	26 13	2 48	3 18	1 7	19 59	1 46	12 30	0 24	20 13	0 5	14 43	7 48	23 32	23 33	15 14	6 17	6 15
T 8	3 0	9 58	4 47	13 1	2 17	17 1	0 15	26 11	2 47	3 24	1 6	19 59	1 46	12 31	0 24	20 12	0 5	14 43	7 48	23 32	23 33	15 12	6 19	6 14
W 9	2 36	5 24	4 59	12 27	2 18	16 44	0 18	26 9	2 46	3 30	1 6	19 59	1 46	12 32	0 24	20 12	0 5	14 42	7 48	23 32	23 33	15 10	6 21	6 14
T 10	2 12	0 34	4 57	11 52	2 19	16 26	0 22	26 6	2 44	3 35	1 6	19 59	1 46	12 33	0 24	20 12	0 5	14 42	7 48	23 33	23 33	15 8	6 23	6 13
F 11	1 49	4s19	4 42	11 15	2 19	16 7	0 25	26 4	2 43	3 41	1 6	19 58	1 46	12 34	0 24	20 11	0 5	14 42	7 49	23 33	23 33	15 6	6 24	6 13
S 12	1 25	9 6	4 14	10 38	2 19	15 49	0 28	26 1	2 41	3 46	1 6	19 58	1 46	12 35	0 24	20 11	0 5	14 42	7 49	23 33	23 33	15 4	6 26	6 12
S 13	1 2	13 36	3 33	9 58	2 19	15 29	0 31	25 59	2 40	3 52	1 6	19 58	1 47	12 36	0 24	20 11	0 5	14 42	7 49	23 33	23 33	15 2	6 28	6 12
M14	0 38	17 34	2 41	9 18	2 17	15 9	0 35	25 56	2 39	3 58	1 6	19 58	1 47	12 37	0 24	20 11	0 5	14 42	7 49	23 33	23 33	15 0	6 30	6 11
T 15	0 14	20 47	1 39	8 36	2 16	14 49	0 38	25 53	2 37	4 3	1 6	19 58	1 47	12 38	0 24	20 10	0 5	14 41	7 49	23 33	23 33	14 58	6 31	6 11
W16	0n 9	22 59	0 31	7 53	2 14	14 29	0 41	25 51	2 36	4 9	1 6	19 58	1 47	12 39	0 24	20 10	0 5	14 41	7 49	23 33	23 33	14 56	6 33	6 10
T 17	0 33	23 54	0s40	7 9	2 11	14 8	0 44	25 48	2 35	4 15	1 6	19 58	1 47	12 40	0 24	20 10	0 5	14 41	7 49	23 33	23 33	14 54	6 35	6 10
F 18	0 56	23 22	1 51	6 23	2 8	13 46	0 46	25 45	2 33	4 20	1 6	19 57	1 47	12 41	0 24	20 9	0 5	14 41	7 50	23 33	23 33	14 52	6 36	6 9
S 19	1 20	21 19	2 57	5 36	2 4	13 24	0 49	25 42	2 32	4 26	1 6	19 57	1 47	12 43	0 24	20 9	0 5	14 41	7 50	23 33	23 33	14 50	6 38	6 8
S 20	1 43	17 49	3 53	4 48	2 0	13 2	0 52	25 39	2 31	4 31	1 6	19 57	1 47	12 44	0 24	20 9	0 5	14 41	7 50	23 33	23 33	14 48	6 40	6 8
M21	2 7	13 7	4 34	3 58	1 55	12 40	0 55	25 36	2 30	4 37	1 6	19 57	1 47	12 45	0 24	20 9	0 5	14 40	7 50	23 34	23 33	14 46	6 41	6 7
T 22	2 30	7 34	4 57	3 8	1 50	12 17	0 57	25 32	2 28	4 43	1 5	19 56	1 48	12 46	0 24	20 8	0 5	14 40	7 50	23 34	23 33	14 44	6 43	6 7
W23	2 54	1 35	4 58	2 16	1 45	11 53	1 0	25 29	2 27	4 48	1 5	19 56	1 48	12 47	0 24	20 8	0 5	14 40	7 50	23 34	23 33	14 42	6 44	6 6
T 24	3 17	4n26	4 40	1 24	1 38	11 30	1 2	25 26	2 26	4 54	1 5	19 56	1 48	12 48	0 24	20 8	0 5	14 40	7 50	23 34	23 34	14 40	6 46	6 5
F 25	3 40	10 5	4 3	0 30	1 32	11 6	1 5	25 22	2 25	5 0	1 5	19 56	1 48	12 49	0 24	20 8	0 5	14 40	7 51	23 34	23 34	14 38	6 47	6 5
S 26	4 3	15 2	3 12	0n25	1 24	10 42	1 7	25 19	2 23	5 5	1 5	19 55	1 48	12 50	0 24	20 8	0 5	14 39	7 51	23 34	23 34	14 35	6 49	6 4
S 27	4 27	19 2	2 12	1 20	1 17	10 17	1 9	25 15	2 22	5 11	1 5	19 55	1 48	12 51	0 24	20 7	0 5	14 39	7 51	23 34	23 34	14 33	6 50	6 4
M28	4 50	21 55	1 6	2 17	1 8	9 52	1 12	25 11	2 21	5 16	1 5	19 55	1 48	12 52	0 24	20 7	0 5	14 39	7 51	23 34	23 34	14 31	6 52	6 3
T 29	5 13	23 35	0n 1	3 14	1 0	9 27	1 14	25 7	2 20	5 22	1 5	19 54	1 48	12 53	0 24	20 7	0 5	14 39	7 51	23 34	23 34	14 29	6 53	6 2
W30	5 35	24 1	1 6	4 11	0 51	9 2	1 16	25 4	2 19	5 28	1 5	19 54	1 48	12 55	0 24	20 7	0 5	14 39	7 51	23 34	23 34	14 27	6 55	6 2
T 31	5n58	23n17	2n 7	5n 9	0s41	8s36	1s18	25n 0	2n18	5n33	1s 5	19s54	1n48	12n56	0s24	20s 6	0n 5	14s38	7n51	23n34	23n34	14n25	6n56	6s 1

Julian Day Number = 2091845.5, Delta T = 23m11s
Ecliptic obliquity = 23°34'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'48, Lahiri = 10°07'49 Julian Calendar 1 March 1015 == Greg. Calendar 7 March 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

APRIL 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 56 47	16♈ 2'59	7♌ 7	16♈43	12♓23	15♋27	16♈49	7°R28	5♉11	0♒21	12°R38	0°R30	1♋ 2	3♍56	26°R56	F 1
S 2	13 0 43	17° 1'26	18°58	18°51	13°35	15°53	17° 4	7♐26	5°15	0°22	12♐38	0♋26	0°59	4° 3	26♌54	S 2
S 3	13 4 40	17°59'51	0♍48	20°59	14°47	16°19	17°18	7°24	5°18	0°23	12°37	0°19	0°56	4° 9	26°52	S 3
M 4	13 8 36	18°58'14	12°41	23° 7	15°59	16°45	17°32	7°22	5°21	0°24	12°36	0°10	0°53	4°16	26°50	M 4
T 5	13 12 33	19°56'35	24°38	25°15	17°11	17°12	17°47	7°19	5°25	0°24	12°36	29♊59	0°50	4°23	26°48	T 5
W 6	13 16 29	20°54'54	6♎44	27°23	18°23	17°38	18° 1	7°17	5°28	0°25	12°35	29°46	0°46	4°29	26°47	W 6
T 7	13 20 26	21°53'10	18°58	29°30	19°35	18° 5	18°16	7°15	5°32	0°26	12°34	29°34	0°43	4°36	26°45	T 7
F 8	13 24 22	22°51'25	1♏22	1♉36	20°47	18°32	18°30	7°12	5°35	0°27	12°33	29°22	0°40	4°43	26°44	F 8
S 9	13 28 19	23°49'39	13°57	3°41	21°59	18°59	18°44	7°10	5°38	0°27	12°32	29°13	0°37	4°50	26°43	S 9
S 10	13 32 16	24°47'50	26°42	5°44	23°11	19°27	18°59	7° 7	5°42	0°28	12°31	29° 6	0°34	4°56	26°42	S 10
M11	13 36 12	25°46'00	9♐38	7°45	24°24	19°54	19°13	7° 4	5°45	0°28	12°30	29° 2	0°31	5° 3	26°40	M11
T 12	13 40 9	26°44'09	22°46	9°44	25°36	20°22	19°27	7° 2	5°49	0°29	12°29	29° 1	0°27	5°10	26°40	T 12
W13	13 44 5	27°42'16	6♑ 8	11°41	26°48	20°50	19°41	6°59	5°52	0°29	12°28	29°D 1	0°24	5°16	26°39	W13
T 14	13 48 2	28°40'22	19°44	13°35	28° 0	21°18	19°56	6°56	5°56	0°30	12°27	29° 1	0°21	5°23	26°38	T 14
F 15	13 51 58	29°38'26	3♒37	15°26	29°12	21°47	20°10	6°53	5°59	0°30	12°26	29°R 1	0°18	5°30	26°37	F 15
S 16	13 55 55	0♉36'28	17°46	17°14	0♈25	22°15	20°24	6°50	6° 3	0°31	12°25	29° 0	0°15	5°36	26°37	S 16
S 17	13 59 51	1°34'30	2♓10	18°59	1°37	22°44	20°39	6°47	6° 6	0°31	12°24	28°57	0°12	5°43	26°36	S 17
M18	14 3 48	2°32'30	16°47	20°40	2°49	23°13	20°53	6°43	6°10	0°31	12°23	28°51	0° 8	5°50	26°36	M18
T 19	14 7 45	3°30'28	1♈30	22°19	4° 1	23°42	21° 7	6°40	6°13	0°32	12°22	28°44	0° 5	5°57	26°36	T 19
W20	14 11 41	4°28'25	16°13	23°53	5°14	24°11	21°21	6°37	6°16	0°32	12°21	28°35	0° 2	6° 3	26°D36	W20
T 21	14 15 38	5°26'20	0♉49	25°24	6°26	24°40	21°35	6°33	6°20	0°32	12°20	28°27	29♊59	6°10	26°36	T 21
F 22	14 19 34	6°24'14	15° 9	26°51	7°38	25°10	21°49	6°30	6°23	0°32	12°19	28°20	29°56	6°17	26°36	F 22
S 23	14 23 31	7°22'07	29° 8	28°15	8°51	25°39	22° 4	6°26	6°27	0°33	12°17	28°15	29°52	6°23	26°36	S 23
S 24	14 27 27	8°19'58	12♊43	29°34	10° 3	26° 9	22°18	6°23	6°30	0°33	12°16	28°11	29°49	6°30	26°37	S 24
M25	14 31 24	9°17'47	25°54	0♋50	11°16	26°39	22°32	6°19	6°34	0°33	12°15	28°D10	29°46	6°37	26°37	M25
T 26	14 35 20	10°15'35	8♋40	2° 2	12°28	27° 9	22°46	6°15	6°37	0°33	12°14	28°11	29°43	6°44	26°38	T 26
W27	14 39 17	11°13'21	21° 7	3° 9	13°40	27°39	23° 0	6°12	6°41	0°33	12°12	28°12	29°40	6°50	26°38	W27
T 28	14 43 14	12°11'05	3♌18	4°13	14°53	28°10	23°14	6° 8	6°44	0°R33	12°11	28°13	29°37	6°57	26°39	T 28
F 29	14 47 10	13° 8'47	15°17	5°13	16° 5	28°40	23°28	6° 4	6°48	0°33	12°10	28°R13	29°33	7° 4	26°40	F 29
S 30	14 51 7	14♉ 6'28	27♌10	6♊ 8	17♈18	29♋11	23♈41	6♐ 0	6♉51	0♒33	12♐ 9	28♊12	29♊30	7♍10	26♌41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n21	21n30	3n 1	6n 7	0s31	8s10	1s20	24n55	2n16	5n39	1s 5	19s53	1n49	12n57	0s24	20s 6	0n 5	14s38	7n51	23n34	23n34	14n23	6n57	6s 0
S 2	6 43	18 48	3 47	7 6	0 21	7 44	1 21	24 51	2 15	5 44	1 5	19 53	1 49	12 58	0 24	20 6	0 5	14 38	7 52	23 34	23 34	14 21	6 59	6 0
S 3	7 6	15 20	4 23	8 4	0 11	7 18	1 23	24 47	2 14	5 50	1 5	19 52	1 49	12 59	0 24	20 6	0 5	14 38	7 52	23 34	23 34	14 19	7 0	5 59
M 4	7 28	11 16	4 48	9 2	0 0	6 51	1 25	24 42	2 13	5 55	1 5	19 52	1 49	13 0	0 24	20 6	0 5	14 38	7 52	23 34	23 34	14 17	7 1	5 58
T 5	7 50	6 44	5 0	9 59	0n11	6 25	1 26	24 38	2 12	6 1	1 5	19 52	1 49	13 1	0 24	20 6	0 5	14 37	7 52	23 34	23 34	14 14	7 2	5 57
W 6	8 12	1 53	4 59	10 56	0 21	5 58	1 28	24 33	2 11	6 6	1 5	19 51	1 49	13 2	0 24	20 6	0 5	14 37	7 52	23 34	23 34	14 12	7 4	5 57
T 7	8 34	3s 5	4 45	11 51	0 32	5 31	1 29	24 29	2 10	6 12	1 5	19 51	1 49	13 4	0 24	20 5	0 5	14 37	7 52	23 34	23 34	14 10	7 5	5 56
F 8	8 56	8 0	4 16	12 46	0 43	5 3	1 31	24 24	2 8	6 17	1 5	19 50	1 49	13 5	0 24	20 5	0 5	14 37	7 52	23 34	23 34	14 8	7 6	5 55
S 9	9 18	12 41	3 35	13 39	0 54	4 36	1 32	24 19	2 7	6 23	1 5	19 50	1 49	13 6	0 24	20 5	0 5	14 37	7 52	23 34	23 34	14 6	7 7	5 55
S 10	9 39	16 53	2 43	14 30	1 4	4 8	1 33	24 14	2 6	6 28	1 5	19 49	1 49	13 7	0 24	20 5	0 5	14 36	7 52	23 34	23 34	14 4	7 8	5 54
M11	10 1	20 21	1 41	15 20	1 14	3 41	1 34	24 9	2 5	6 34	1 5	19 49	1 49	13 8	0 24	20 5	0 5	14 36	7 53	23 34	23 34	14 2	7 9	5 53
T 12	10 22	22 49	0 33	16 8	1 24	3 13	1 35	24 3	2 4	6 39	1 5	19 48	1 49	13 9	0 24	20 5	0 5	14 36	7 53	23 34	23 34	13 59	7 10	5 52
W13	10 43	24 3	0s38	16 54	1 33	2 45	1 36	23 58	2 3	6 45	1 5	19 48	1 49	13 11	0 24	20 5	0 5	14 36	7 53	23 34	23 34	13 57	7 11	5 52
T 14	11 4	23 54	1 48	17 37	1 42	2 17	1 37	23 53	2 2	6 50	1 5	19 47	1 50	13 12	0 24	20 5	0 5	14 36	7 53	23 34	23 34	13 55	7 12	5 51
F 15	11 24	22 16	2 54	18 18	1 50	1 49	1 38	23 47	2 1	6 55	1 5	19 46	1 50	13 13	0 24	20 4	0 5	14 35	7 53	23 34	23 34	13 53	7 13	5 50
S 16	11 45	19 14	3 50	18 57	1 57	1 21	1 39	23 41	2 0	7 1	1 5	19 46	1 50	13 14	0 24	20 4	0 5	14 35	7 53	23 34	23 34	13 51	7 14	5 49
S 17	12 5	15 0	4 33	19 33	2 4	0 52	1 39	23 36	1 59	7 6	1 5	19 45	1 50	13 15	0 24	20 4	0 5	14 35	7 53	23 34	23 34	13 49	7 15	5 49
M18	12 25	9 49	4 59	20 7	2 10	0 24	1 40	23 30	1 58	7 12	1 5	19 45	1 50	13 16	0 24	20 4	0 5	14 35	7 53	23 34	23 34	13 47	7 16	5 48
T 19	12 45	4 3	5 5	20 38	2 16	0n 5	1 40	23 24	1 57	7 17	1 5	19 44	1 50	13 18	0 24	20 4	0 5	14 35	7 53	23 34	23 34	13 44	7 16	5 47
W20	13 5	1n56	4 51	21 7	2 20	0 33	1 41	23 17	1 56	7 22	1 5	19 44	1 50	13 19	0 24	20 4	0 5	14 34	7 53	23 34	23 34	13 42	7 17	5 46
T 21	13 24	7 47	4 18	21 33	2 24	1 1	1 41	23 11	1 55	7 28	1 5	19 43	1 50	13 20	0 24	20 4	0 5	14 34	7 53	23 33	23 34	13 40	7 18	5 46
F 22	13 44	13 7	3 30	21 57	2 27	1 30	1 41	23 5	1 54	7 33	1 5	19 42	1 50	13 21	0 24	20 4	0 5	14 34	7 53	23 33	23 34	13 38	7 19	5 45
S 23	14 3	17 38	2 30	22 18	2 29	1 58	1 41	22 58	1 53	7 38	1 5	19 42	1 50	13 22	0 24	20 4	0 5	14 34	7 53	23 33	23 34	13 36	7 19	5 44
S 24	14 21	21 5	1 22	22 37	2 31	2 27	1 42	22 52	1 52	7 43	1 5	19 41	1 50	13 23	0 24	20 4	0 5	14 34	7 53	23 33	23 34	13 33	7 20	5 43
M25	14 40	23 18	0 12	22 54	2 31	2 55	1 42	22 45	1 51	7 49	1 5	19 40	1 50	13 24	0 24	20 4	0 5	14 33	7 54	23 33	23 34	13 31	7 20	5 42
T 26	14 58	24 13	0n56	23 8	2 30	3 24	1 41	22 38	1 50	7 54	1 5	19 40	1 50	13 26	0 24	20 4	0 5	14 33	7 54	23 33	23 34	13 29	7 21	5 42
W27	15 17	23 53	2 1	23 20	2 29	3 52	1 41	22 31	1 49	7 59	1 5	19 39	1 50	13 27	0 24	20 4	0 5	14 33	7 54	23 33	23 34	13 27	7 21	5 41
T 28	15 34	22 25	2 58	23 30	2 26	4 20	1 41	22 24	1 48	8 4	1 5	19 38	1 50	13 28	0 24	20 4	0 5	14 33	7 54	23 33	23 34	13 25	7 22	5 40
F 29	15 52	19 57	3 47	23 38	2 23	4 49	1 41	22 17	1 47	8 9	1 5	19 38	1 50	13 29	0 24	20 4	0 5	14 33	7 54	23 33	23 34	13 22	7 22	5 39
S 30	16n 9	16n40	4n25	23n43	2n19	5n17	1s41	22n10	1n46	8n14	1s 5	19s37	1n50	13n30	0s24	20s 4	0n 5	14s32	7n54	23n33	23n34	13n20	7n23	5s39

Julian Day Number = 2091876.5, Delta T = 23m11s
Ecliptic obliquity = 23°34'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'53, Lahiri = 10°07'53 Julian Calendar 1 Apr. 1015 == Greg. Calendar 7 Apr. 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

MAY 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 55 3	15♉ 4'07	9♍ 2	6♊59	18♈30	29♋42	23♈55	5°R56	6♉55	0°R33	12°R 7	28°R 9	29♊27	7♍17	26♌42	S 1
M 2	14 59 0	16° 1'45	20°57	7°46	19°43	0♌12	24° 9	5♐52	6°58	0♒33	12♐ 6	28♊ 5	29°24	7°24	26°44	M 2
T 3	15 2 56	16°59'21	2♎59	8°28	20°55	0°43	24°23	5°48	7° 2	0°33	12° 4	27°59	29°21	7°31	26°45	T 3
W 4	15 6 53	17°56'55	15°11	9° 6	22° 8	1°15	24°37	5°44	7° 5	0°32	12° 3	27°52	29°17	7°37	26°47	W 4
T 5	15 10 49	18°54'29	27°35	9°39	23°20	1°46	24°50	5°40	7° 8	0°32	12° 2	27°45	29°14	7°44	26°48	T 5
F 6	15 14 46	19°52'00	10♏12	10° 8	24°33	2°17	25° 4	5°36	7°12	0°32	12° 0	27°39	29°11	7°51	26°50	F 6
S 7	15 18 43	20°49'31	23° 4	10°32	25°45	2°49	25°18	5°32	7°15	0°32	11°59	27°34	29° 8	7°57	26°52	S 7
S 8	15 22 39	21°47'01	6♐ 9	10°51	26°58	3°20	25°31	5°27	7°19	0°31	11°57	27°30	29° 5	8° 4	26°54	S 8
M 9	15 26 36	22°44'29	19°27	11° 6	28°10	3°52	25°45	5°23	7°22	0°31	11°56	27°28	29° 2	8°11	26°56	M 9
T 10	15 30 32	23°41'57	2♑57	11°16	29°23	4°24	25°58	5°19	7°25	0°31	11°54	27°D28	28°58	8°18	26°58	T 10
W11	15 34 29	24°39'24	16°38	11°21	0♒36	4°56	26°12	5°15	7°29	0°30	11°53	27°29	28°55	8°24	27° 0	W11
T 12	15 38 25	25°36'50	0♒29	11°R22	1°48	5°28	26°25	5°10	7°32	0°30	11°51	27°31	28°52	8°31	27° 2	T 12
F 13	15 42 22	26°34'15	14°29	11°18	3° 1	6° 0	26°39	5° 6	7°36	0°29	11°50	27°32	28°49	8°38	27° 5	F 13
S 14	15 46 18	27°31'40	28°38	11°10	4°13	6°32	26°52	5° 2	7°39	0°29	11°48	27°R32	28°46	8°44	27° 7	S 14
S 15	15 50 15	28°29'03	12♓53	10°58	5°26	7° 5	27° 5	4°57	7°42	0°28	11°47	27°32	28°43	8°51	27°10	S 15
M16	15 54 12	29°26'26	27°12	10°42	6°39	7°37	27°18	4°53	7°45	0°28	11°45	27°30	28°39	8°58	27°13	M16
T 17	15 58 8	0♊23'49	11♈31	10°22	7°52	8°10	27°32	4°48	7°49	0°27	11°44	27°27	28°36	9° 5	27°16	T 17
W18	16 2 5	1°21'11	25°47	9°59	9° 4	8°43	27°45	4°44	7°52	0°27	11°42	27°23	28°33	9°11	27°19	W18
T 19	16 6 1	2°18'32	9♉55	9°32	10°17	9°15	27°58	4°40	7°55	0°26	11°41	27°20	28°30	9°18	27°22	T 19
F 20	16 9 58	3°15'53	23°51	9° 4	11°30	9°48	28°11	4°35	7°59	0°25	11°39	27°16	28°27	9°25	27°25	F 20
S 21	16 13 54	4°13'12	7♊30	8°33	12°43	10°21	28°24	4°31	8° 2	0°25	11°38	27°14	28°23	9°31	27°28	S 21
S 22	16 17 51	5°10'32	20°51	8° 0	13°55	10°54	28°36	4°26	8° 5	0°24	11°36	27°D13	28°20	9°38	27°32	S 22
M23	16 21 47	6° 7'50	3♋53	7°27	15° 8	11°28	28°49	4°22	8° 8	0°23	11°35	27°13	28°17	9°45	27°35	M23
T 24	16 25 44	7° 5'08	16°35	6°53	16°21	12° 1	29° 2	4°17	8°11	0°22	11°33	27°14	28°14	9°52	27°39	T 24
W25	16 29 41	8° 2'24	29° 0	6°20	17°34	12°34	29°15	4°13	8°14	0°22	11°31	27°15	28°11	9°58	27°42	W25
T 26	16 33 37	8°59'40	11♌11	5°47	18°47	13° 8	29°27	4° 9	8°18	0°21	11°30	27°17	28° 8	10° 5	27°46	T 26
F 27	16 37 34	9°56'55	23°12	5°15	20° 0	13°41	29°40	4° 4	8°21	0°20	11°28	27°18	28° 4	10°12	27°50	F 27
S 28	16 41 30	10°54'09	5♍ 7	4°46	21°13	14°15	29°52	4° 0	8°24	0°19	11°27	27°19	28° 1	10°18	27°54	S 28
S 29	16 45 27	11°51'23	17° 0	4°18	22°25	14°49	0♉ 5	3°55	8°27	0°18	11°25	27°R19	27°58	10°25	27°58	S 29
M30	16 49 23	12°48'35	28°56	3°54	23°38	15°23	0°17	3°51	8°30	0°17	11°24	27°18	27°55	10°32	28° 2	M30
T 31	16 53 20	13♊45'47	11♎ 0	3♊32	24♉51	15♌57	0♉29	3♐47	8♉33	0♒16	11♐22	27♊17	27♊52	10♍39	28♌ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n27	12n44	4n52	23n47	2n14	5n45	1s40	22n 2	1n45	8n20	1s 5	19s36	1n50	13n31	0s24	20s 4	0n 4	14s32	7n54	23n33	23n34	13n18	7n23	5s38
M 2	16 43	8 18	5 7	23 49	2 7	6 13	1 40	21 55	1 44	8 25	1 5	19 36	1 50	13 33	0 24	20 4	0 4	14 32	7 54	23 33	23 34	13 16	7 23	5 37
T 3	17 0	3 31	5 8	23 49	2 0	6 41	1 39	21 47	1 43	8 30	1 5	19 35	1 50	13 34	0 24	20 4	0 4	14 32	7 54	23 33	23 34	13 13	7 23	5 36
W 4	17 16	1s28	4 55	23 47	1 52	7 8	1 38	21 39	1 42	8 35	1 5	19 34	1 50	13 35	0 24	20 4	0 4	14 32	7 54	23 33	23 34	13 11	7 24	5 35
T 5	17 32	6 29	4 29	23 43	1 43	7 36	1 38	21 31	1 41	8 40	1 5	19 33	1 50	13 36	0 24	20 4	0 4	14 31	7 54	23 33	23 34	13 9	7 24	5 35
F 6	17 48	11 20	3 49	23 37	1 33	8 3	1 37	21 23	1 40	8 45	1 5	19 33	1 50	13 37	0 24	20 4	0 4	14 31	7 54	23 33	23 34	13 7	7 24	5 34
S 7	18 3	15 48	2 56	23 30	1 22	8 31	1 36	21 15	1 39	8 50	1 5	19 32	1 50	13 38	0 24	20 4	0 4	14 31	7 54	23 33	23 34	13 4	7 24	5 33
S 8	18 18	19 35	1 54	23 21	1 10	8 58	1 35	21 7	1 39	8 55	1 5	19 31	1 50	13 39	0 24	20 4	0 4	14 31	7 54	23 33	23 34	13 2	7 24	5 32
M 9	18 33	22 25	0 44	23 11	0 58	9 25	1 34	20 58	1 38	9 0	1 5	19 31	1 50	13 40	0 24	20 5	0 4	14 31	7 54	23 33	23 34	13 0	7 24	5 32
T 10	18 48	24 2	0s30	22 59	0 44	9 52	1 33	20 50	1 37	9 4	1 5	19 30	1 50	13 41	0 24	20 5	0 4	14 31	7 54	23 33	23 34	12 58	7 24	5 31
W11	19 2	24 13	1 43	22 45	0 30	10 18	1 32	20 41	1 36	9 9	1 5	19 29	1 50	13 43	0 24	20 5	0 4	14 30	7 54	23 33	23 34	12 55	7 24	5 30
T 12	19 16	22 56	2 51	22 31	0 15	10 44	1 31	20 32	1 35	9 14	1 5	19 28	1 50	13 44	0 24	20 5	0 4	14 30	7 54	23 33	23 34	12 53	7 24	5 29
F 13	19 30	20 13	3 49	22 15	0s 1	11 11	1 30	20 23	1 34	9 19	1 5	19 28	1 50	13 45	0 24	20 5	0 4	14 30	7 54	23 33	23 34	12 51	7 24	5 29
S 14	19 43	16 17	4 34	21 58	0 17	11 36	1 28	20 14	1 33	9 24	1 5	19 27	1 50	13 46	0 24	20 5	0 4	14 30	7 54	23 33	23 34	12 49	7 24	5 28
S 15	19 56	11 25	5 3	21 39	0 33	12 2	1 27	20 5	1 32	9 28	1 5	19 26	1 50	13 47	0 24	20 5	0 4	14 30	7 54	23 33	23 34	12 46	7 24	5 27
M16	20 8	5 54	5 13	21 20	0 50	12 27	1 26	19 56	1 31	9 33	1 5	19 25	1 50	13 48	0 24	20 5	0 4	14 30	7 54	23 33	23 34	12 44	7 24	5 26
T 17	20 21	0 4	5 4	21 1	1 7	12 53	1 24	19 47	1 31	9 38	1 5	19 25	1 50	13 49	0 24	20 5	0 4	14 29	7 54	23 33	23 34	12 42	7 23	5 26
W18	20 32	5n44	4 36	20 40	1 25	13 17	1 23	19 37	1 30	9 42	1 5	19 24	1 50	13 50	0 24	20 6	0 4	14 29	7 53	23 32	23 34	12 39	7 23	5 25
T 19	20 44	11 13	3 51	20 19	1 42	13 42	1 21	19 28	1 29	9 47	1 6	19 23	1 50	13 51	0 24	20 6	0 4	14 29	7 53	23 32	23 33	12 37	7 23	5 24
F 20	20 55	16 2	2 53	19 58	1 59	14 6	1 20	19 18	1 28	9 52	1 6	19 22	1 50	13 52	0 24	20 6	0 4	14 29	7 53	23 32	23 33	12 35	7 22	5 23
S 21	21 6	19 56	1 46	19 37	2 15	14 30	1 18	19 8	1 27	9 56	1 6	19 22	1 50	13 53	0 24	20 6	0 4	14 29	7 53	23 32	23 33	12 33	7 22	5 23
S 22	21 17	22 40	0 35	19 16	2 31	14 53	1 16	18 58	1 26	10 1	1 6	19 21	1 49	13 54	0 24	20 6	0 4	14 29	7 53	23 32	23 33	12 30	7 21	5 22
M23	21 27	24 7	0n37	18 56	2 47	15 17	1 15	18 48	1 25	10 5	1 6	19 20	1 49	13 55	0 24	20 6	0 4	14 29	7 53	23 32	23 33	12 28	7 21	5 21
T 24	21 37	24 16	1 45	18 36	3 1	15 39	1 13	18 38	1 25	10 10	1 6	19 19	1 49	13 56	0 24	20 7	0 4	14 28	7 53	23 32	23 33	12 26	7 20	5 20
W25	21 46	23 11	2 46	18 17	3 15	16 2	1 11	18 28	1 24	10 14	1 6	19 19	1 49	13 57	0 24	20 7	0 4	14 28	7 53	23 32	23 33	12 23	7 20	5 20
T 26	21 55	21 1	3 39	17 59	3 27	16 24	1 9	18 17	1 23	10 19	1 6	19 18	1 49	13 58	0 24	20 7	0 4	14 28	7 53	23 32	23 33	12 21	7 19	5 19
F 27	22 4	17 58	4 22	17 42	3 39	16 45	1 7	18 7	1 22	10 23	1 6	19 17	1 49	13 59	0 24	20 7	0 4	14 28	7 53	23 32	23 33	12 19	7 19	5 18
S 28	22 12	14 13	4 52	17 27	3 49	17 7	1 5	17 56	1 21	10 27	1 6	19 17	1 49	14 0	0 24	20 7	0 4	14 28	7 53	23 32	23 33	12 16	7 18	5 18
S 29	22 20	9 55	5 11	17 13	3 58	17 27	1 3	17 45	1 20	10 32	1 6	19 16	1 49	14 1	0 24	20 8	0 4	14 28	7 53	23 32	23 33	12 14	7 17	5 17
M30	22 27	5 15	5 16	17 2	4 5	17 48	1 1	17 35	1 20	10 36	1 6	19 15	1 49	14 2	0 24	20 8	0 4	14 28	7 53	23 32	23 33	12 12	7 16	5 16
T 31	22n34	0n20	5n 7	16n52	4s11	18n 8	0s59	17n24	1n19	10n40	1s 6	19s14	1n49	14n 3	0s24	20s 8	0n 4	14s28	7n52	23n32	23n33	12n 9	7n16	5s15

Julian Day Number = 2091906.5, Delta T = 23m10s
Ecliptic obliquity = 23°34'01, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°00'57, Lahiri = 10°07'57 Julian Calendar 1 May 1015 == Greg. Calendar 7 May 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

JUNE 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 57 16	14♊42'58	23♎15	3°R15	26♉ 4	16♌31	0♉41	3°R42	8♉36	0°R15	11°R20	27°R15	27♊49	10♍45	28♌11	W 1
T 2	17 1 13	15°40'09	5♏46	3♊ 1	27°17	17° 5	0°54	3♐38	8°39	0♒14	11♐19	27♊14	27°45	10°52	28°15	T 2
F 3	17 5 10	16°37'19	18°33	2°51	28°30	17°39	1° 6	3°34	8°42	0°13	11°17	27°12	27°42	10°59	28°20	F 3
S 4	17 9 6	17°34'29	1♐39	2°46	29°43	18°13	1°18	3°30	8°45	0°12	11°16	27°11	27°39	11° 6	28°24	S 4
S 5	17 13 3	18°31'38	15° 3	2°D45	0♊56	18°48	1°29	3°25	8°47	0°11	11°14	27°11	27°36	11°12	28°29	S 5
M 6	17 16 59	19°28'47	28°45	2°49	2° 9	19°22	1°41	3°21	8°50	0°10	11°13	27°D11	27°33	11°19	28°34	M 6
T 7	17 20 56	20°25'56	12♑40	2°58	3°22	19°57	1°53	3°17	8°53	0° 9	11°11	27°11	27°29	11°26	28°38	T 7
W 8	17 24 52	21°23'05	26°48	3°11	4°35	20°31	2° 5	3°13	8°56	0° 7	11° 9	27°11	27°26	11°32	28°43	W 8
T 9	17 28 49	22°20'14	11♒ 3	3°29	5°48	21° 6	2°16	3° 9	8°59	0° 6	11° 8	27°12	27°23	11°39	28°48	T 9
F 10	17 32 46	23°17'23	25°22	3°53	7° 2	21°41	2°28	3° 5	9° 1	0° 5	11° 6	27°12	27°20	11°46	28°54	F 10
S 11	17 36 42	24°14'32	9♓41	4°21	8°15	22°16	2°39	3° 1	9° 4	0° 4	11° 5	27°12	27°17	11°53	28°59	S 11
S 12	17 40 39	25°11'41	23°57	4°53	9°28	22°51	2°50	2°57	9° 7	0° 3	11° 3	27°R12	27°14	11°59	29° 4	S 12
M13	17 44 35	26° 8'50	8♈ 7	5°31	10°41	23°26	3° 2	2°53	9° 9	0° 1	11° 2	27°12	27°10	12° 6	29° 9	M13
T 14	17 48 32	27° 6'00	22°10	6°13	11°54	24° 1	3°13	2°49	9°12	0° 0	11° 0	27°D12	27° 7	12°13	29°15	T 14
W15	17 52 28	28° 3'10	6♉ 2	7° 0	13° 8	24°36	3°24	2°45	9°14	29♑59	10°59	27°12	27° 4	12°19	29°20	W15
T 16	17 56 25	29° 0'21	19°44	7°52	14°21	25°11	3°35	2°42	9°17	29°57	10°57	27°12	27° 1	12°26	29°26	T 16
F 17	18 0 21	29°57'31	3♊12	8°48	15°34	25°47	3°45	2°38	9°20	29°56	10°56	27°13	26°58	12°33	29°32	F 17
S 18	18 4 18	0♋54'42	16°27	9°49	16°47	26°22	3°56	2°34	9°22	29°55	10°54	27°13	26°55	12°40	29°37	S 18
S 19	18 8 15	1°51'54	29°28	10°54	18° 1	26°58	4° 7	2°31	9°24	29°53	10°53	27°R13	26°51	12°46	29°43	S 19
M20	18 12 11	2°49'05	12♋14	12° 3	19°14	27°33	4°17	2°27	9°27	29°52	10°52	27°13	26°48	12°53	29°49	M20
T 21	18 16 8	3°46'17	24°46	13°17	20°27	28° 9	4°28	2°24	9°29	29°51	10°50	27°12	26°45	13° 0	29°55	T 21
W22	18 20 4	4°43'29	7♌ 4	14°35	21°41	28°45	4°38	2°20	9°32	29°49	10°49	27°11	26°42	13° 6	0♍ 1	W22
T 23	18 24 1	5°40'41	19°12	15°57	22°54	29°20	4°48	2°17	9°34	29°48	10°47	27°10	26°39	13°13	0° 7	T 23
F 24	18 27 57	6°37'53	1♍11	17°23	24° 8	29°56	4°58	2°14	9°36	29°46	10°46	27° 9	26°35	13°20	0°13	F 24
S 25	18 31 54	7°35'05	13° 5	18°53	25°21	0♍32	5° 8	2°11	9°38	29°45	10°45	27° 8	26°32	13°27	0°20	S 25
S 26	18 35 50	8°32'17	24°58	20°27	26°35	1° 8	5°18	2° 7	9°40	29°43	10°43	27° 7	26°29	13°33	0°26	S 26
M27	18 39 47	9°29'30	6♎53	22° 5	27°48	1°44	5°28	2° 4	9°43	29°42	10°42	27°D 7	26°26	13°40	0°32	M27
T 28	18 43 44	10°26'42	18°56	23°47	29° 2	2°20	5°38	2° 1	9°45	29°40	10°41	27° 7	26°23	13°47	0°39	T 28
W29	18 47 40	11°23'55	1♏11	25°32	0♋15	2°57	5°47	1°58	9°47	29°39	10°39	27° 8	26°20	13°54	0°45	W29
T 30	18 51 37	12♋21'09	13♏42	27♊20	1♋29	3♍33	5♉56	1♐56	9♉49	29♑37	10♐38	27♊ 9	26♊16	14♍ 0	0♍52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n41	4s41	4n44	16n44	4s16	18n27	0s57	17n13	1n18	10n44	1s 6	19s14	1n49	14n 4	0s24	20s 8	0n 4	14s28	7n52	23n32	23n33	12n 7	7n15	5s15
T 2	22 47	9 37	4 7	16 38	4 19	18 46	0 55	17 1	1 17	10 48	1 7	19 13	1 49	14 5	0 24	20 8	0 4	14 28	7 52	23 32	23 33	12 5	7 14	5 14
F 3	22 53	14 16	3 18	16 34	4 21	19 5	0 53	16 50	1 16	10 53	1 7	19 12	1 48	14 6	0 24	20 9	0 4	14 27	7 52	23 32	23 33	12 2	7 13	5 13
S 4	22 59	18 22	2 17	16 33	4 22	19 23	0 50	16 39	1 16	10 57	1 7	19 12	1 48	14 7	0 24	20 9	0 4	14 27	7 52	23 32	23 33	12 0	7 12	5 13
S 5	23 4	21 37	1 7	16 33	4 21	19 40	0 48	16 27	1 15	11 1	1 7	19 11	1 48	14 8	0 24	20 9	0 4	14 27	7 52	23 32	23 33	11 58	7 11	5 12
M 6	23 9	23 42	0s 9	16 36	4 19	19 57	0 46	16 16	1 14	11 5	1 7	19 10	1 48	14 9	0 24	20 9	0 4	14 27	7 52	23 32	23 33	11 55	7 10	5 11
T 7	23 13	24 22	1 25	16 40	4 16	20 14	0 43	16 4	1 13	11 9	1 7	19 10	1 48	14 10	0 24	20 10	0 4	14 27	7 52	23 32	23 33	11 53	7 9	5 11
W 8	23 17	23 28	2 37	16 47	4 12	20 30	0 41	15 52	1 12	11 13	1 7	19 9	1 48	14 11	0 24	20 10	0 4	14 27	7 51	23 32	23 33	11 51	7 8	5 10
T 9	23 21	21 4	3 40	16 55	4 7	20 45	0 39	15 40	1 12	11 16	1 7	19 8	1 48	14 12	0 24	20 10	0 4	14 27	7 51	23 32	23 32	11 48	7 7	5 9
F 10	23 24	17 21	4 29	17 6	4 1	21 0	0 36	15 28	1 11	11 20	1 7	19 8	1 48	14 12	0 24	20 10	0 4	14 27	7 51	23 32	23 32	11 46	7 6	5 9
S 11	23 26	12 38	5 2	17 18	3 54	21 14	0 34	15 16	1 10	11 24	1 7	19 7	1 47	14 13	0 24	20 11	0 4	14 27	7 51	23 32	23 32	11 43	7 4	5 8
S 12	23 29	7 15	5 16	17 31	3 46	21 28	0 32	15 4	1 9	11 28	1 7	19 6	1 47	14 14	0 24	20 11	0 4	14 27	7 51	23 32	23 32	11 41	7 3	5 8
M13	23 31	1 31	5 11	17 46	3 37	21 41	0 29	14 51	1 8	11 32	1 8	19 6	1 47	14 15	0 24	20 11	0 4	14 27	7 51	23 32	23 32	11 39	7 2	5 7
T 14	23 32	4n14	4 47	18 3	3 28	21 54	0 27	14 39	1 8	11 35	1 8	19 5	1 47	14 16	0 24	20 12	0 4	14 27	7 50	23 32	23 32	11 36	7 1	5 6
W15	23 33	9 43	4 7	18 20	3 18	22 5	0 24	14 26	1 7	11 39	1 8	19 5	1 47	14 17	0 24	20 12	0 4	14 27	7 50	23 32	23 32	11 34	6 59	5 6
T 16	23 34	14 40	3 13	18 39	3 8	22 17	0 22	14 14	1 6	11 43	1 8	19 4	1 47	14 17	0 24	20 12	0 4	14 27	7 50	23 32	23 32	11 31	6 58	5 5
F 17	23 34	18 48	2 9	18 59	2 57	22 27	0 20	14 1	1 5	11 46	1 8	19 3	1 47	14 18	0 24	20 12	0 4	14 27	7 50	23 32	23 32	11 29	6 57	5 4
S 18	23 34	21 53	0 59	19 19	2 45	22 37	0 17	13 48	1 5	11 50	1 8	19 3	1 46	14 19	0 24	20 13	0 4	14 27	7 50	23 32	23 32	11 27	6 55	5 4
S 19	23 33	23 46	0n12	19 40	2 33	22 47	0 15	13 35	1 4	11 53	1 8	19 2	1 46	14 20	0 24	20 13	0 4	14 27	7 49	23 32	23 32	11 24	6 54	5 3
M20	23 32	24 22	1 22	20 2	2 21	22 56	0 12	13 22	1 3	11 57	1 8	19 2	1 46	14 21	0 24	20 13	0 4	14 27	7 49	23 32	23 32	11 22	6 52	5 3
T 21	23 31	23 42	2 27	20 24	2 8	23 4	0 10	13 9	1 2	12 0	1 8	19 1	1 46	14 21	0 24	20 14	0 4	14 27	7 49	23 32	23 32	11 19	6 51	5 2
W22	23 29	21 52	3 23	20 45	1 55	23 11	0 7	12 56	1 1	12 3	1 9	19 1	1 46	14 22	0 24	20 14	0 4	14 27	7 49	23 32	23 32	11 17	6 49	5 1
T 23	23 27	19 5	4 10	21 7	1 42	23 18	0 5	12 43	1 1	12 7	1 9	19 0	1 46	14 23	0 24	20 14	0 4	14 27	7 49	23 32	23 31	11 15	6 48	5 1
F 24	23 24	15 32	4 44	21 29	1 29	23 24	0 2	12 29	1 0	12 10	1 9	19 0	1 45	14 23	0 24	20 15	0 4	14 27	7 48	23 32	23 31	11 12	6 46	5 0
S 25	23 21	11 23	5 7	21 50	1 16	23 29	0n 0	12 16	0 59	12 13	1 9	18 59	1 45	14 24	0 24	20 15	0 4	14 27	7 48	23 32	23 31	11 10	6 44	5 0
S 26	23 17	6 50	5 16	22 10	1 3	23 34	0 3	12 2	0 58	12 16	1 9	18 59	1 45	14 25	0 24	20 15	0 4	14 27	7 48	23 32	23 31	11 7	6 43	4 59
M27	23 14	2 1	5 12	22 30	0 50	23 38	0 5	11 49	0 58	12 20	1 9	18 58	1 45	14 25	0 24	20 16	0 4	14 27	7 48	23 32	23 31	11 5	6 41	4 59
T 28	23 9	2s56	4 54	22 48	0 37	23 41	0 7	11 35	0 57	12 23	1 9	18 58	1 45	14 26	0 24	20 16	0 4	14 27	7 48	23 32	23 31	11 2	6 39	4 58
W29	23 4	7 51	4 22	23 5	0 24	23 44	0 10	11 21	0 56	12 26	1 9	18 58	1 44	14 27	0 24	20 16	0 4	14 27	7 47	23 32	23 31	11 0	6 37	4 58
T 30	22n59	12s35	3n38	23n21	0s12	23n46	0n12	11n 7	0n55	12n29	1s10	18s57	1n44	14n27	0s24	20s17	0n 4	14s27	7n47	23n32	23n31	10n58	6n36	4s57

Julian Day Number = 2091937.5, Delta T = 23m10s
Ecliptic obliquity = 23°34'01, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'01, Lahiri = 10°08'01 Julian Calendar 1 June 1015 == Greg. Calendar 7 June 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

JULY 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 55 33	13♋18'22	26♏33	29♊11	2♋42	4♍ 9	6♉ 6	1°R53	9♉51	29°R36	10°R37	27♊10	26♊13	14♍ 7	0♍59	F 1
S 2	18 59 30	14°15'36	9♐47	1♋ 6	3°56	4°46	6°15	1♐50	9°53	29♑34	10♐36	27°11	26°10	14°14	1° 5	S 2
S 3	19 3 26	15°12'51	23°24	3° 3	5° 9	5°22	6°24	1°47	9°55	29°33	10°34	27°R12	26° 7	14°20	1°12	S 3
M 4	19 7 23	16°10'06	7♑23	5° 2	6°23	5°59	6°33	1°45	9°56	29°31	10°33	27°11	26° 4	14°27	1°19	M 4
T 5	19 11 19	17° 7'21	21°42	7° 3	7°37	6°36	6°42	1°42	9°58	29°29	10°32	27°10	26° 1	14°34	1°26	T 5
W 6	19 15 16	18° 4'38	6♒16	9° 6	8°50	7°12	6°50	1°40	10° 0	29°28	10°31	27° 8	25°57	14°41	1°33	W 6
T 7	19 19 13	19° 1'55	20°59	11°10	10° 4	7°49	6°59	1°38	10° 2	29°26	10°30	27° 6	25°54	14°47	1°40	T 7
F 8	19 23 9	19°59'13	5♓43	13°15	11°18	8°26	7° 7	1°36	10° 3	29°25	10°28	27° 3	25°51	14°54	1°47	F 8
S 9	19 27 6	20°56'32	20°21	15°20	12°32	9° 3	7°16	1°33	10° 5	29°23	10°27	27° 0	25°48	15° 1	1°54	S 9
S 10	19 31 2	21°53'52	4♈48	17°26	13°45	9°40	7°24	1°31	10° 7	29°21	10°26	26°58	25°45	15° 7	2° 1	S 10
M11	19 34 59	22°51'13	19° 0	19°32	14°59	10°17	7°32	1°29	10° 8	29°20	10°25	26°D57	25°41	15°14	2° 8	M11
T 12	19 38 55	23°48'36	2♉56	21°38	16°13	10°54	7°40	1°28	10°10	29°18	10°24	26°57	25°38	15°21	2°16	T 12
W13	19 42 52	24°46'00	16°34	23°44	17°27	11°31	7°47	1°26	10°11	29°17	10°23	26°59	25°35	15°28	2°23	W13
T 14	19 46 48	25°43'25	29°56	25°49	18°41	12° 8	7°55	1°24	10°13	29°15	10°22	27° 0	25°32	15°34	2°30	T 14
F 15	19 50 45	26°40'51	13♊ 2	27°53	19°55	12°46	8° 2	1°23	10°14	29°13	10°21	27° 1	25°29	15°41	2°38	F 15
S 16	19 54 42	27°38'19	25°55	29°56	21° 9	13°23	8°10	1°21	10°15	29°12	10°20	27°R 2	25°26	15°48	2°45	S 16
S 17	19 58 38	28°35'47	8♋35	1♌58	22°23	14° 1	8°17	1°20	10°16	29°10	10°19	27° 2	25°22	15°55	2°53	S 17
M18	20 2 35	29°33'17	21° 3	3°58	23°37	14°38	8°24	1°18	10°18	29° 8	10°18	26°59	25°19	16° 1	3° 0	M18
T 19	20 6 31	0♌30'48	3♌22	5°58	24°51	15°16	8°31	1°17	10°19	29° 7	10°18	26°56	25°16	16° 8	3° 8	T 19
W20	20 10 28	1°28'20	15°31	7°56	26° 5	15°54	8°37	1°16	10°20	29° 5	10°17	26°50	25°13	16°15	3°16	W20
T 21	20 14 24	2°25'54	27°33	9°53	27°19	16°31	8°44	1°15	10°21	29° 4	10°16	26°44	25°10	16°21	3°23	T 21
F 22	20 18 21	3°23'28	9♍29	11°48	28°33	17° 9	8°50	1°14	10°22	29° 2	10°15	26°38	25° 7	16°28	3°31	F 22
S 23	20 22 17	4°21'03	21°21	13°42	29°47	17°47	8°56	1°13	10°23	29° 0	10°14	26°31	25° 3	16°35	3°39	S 23
S 24	20 26 14	5°18'39	3♎13	15°34	1♌ 1	18°25	9° 2	1°12	10°24	28°59	10°14	26°26	25° 0	16°42	3°47	S 24
M25	20 30 11	6°16'17	15° 7	17°25	2°15	19° 3	9° 8	1°12	10°25	28°57	10°13	26°22	24°57	16°48	3°54	M25
T 26	20 34 7	7°13'55	27° 7	19°14	3°29	19°41	9°14	1°11	10°26	28°55	10°12	26°20	24°54	16°55	4° 2	T 26
W27	20 38 4	8°11'35	9♏19	21° 2	4°43	20°19	9°20	1°11	10°27	28°54	10°12	26°D19	24°51	17° 2	4°10	W27
T 28	20 42 0	9° 9'15	21°47	22°49	5°58	20°57	9°25	1°10	10°27	28°52	10°11	26°20	24°47	17° 8	4°18	T 28
F 29	20 45 57	10° 6'57	4♐35	24°34	7°12	21°36	9°30	1°10	10°28	28°51	10°10	26°21	24°44	17°15	4°26	F 29
S 30	20 49 53	11° 4'40	17°47	26°17	8°26	22°14	9°35	1°10	10°29	28°49	10°10	26°23	24°41	17°22	4°34	S 30
S 31	20 53 50	12♌ 2'24	1♑27	27♌59	9♌40	22♍52	9♉40	1°D10	10♉29	28♑47	10♐ 9	26°R23	24♊38	17♍29	4♍42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n54	16s53	2n41	23n34	0n 0	23n47	0n15	10n53	0n55	12n32	1s10	18s57	1n44	14n28	0s24	20s17	0n 4	14s27	7n47	23n32	23n31	10n55	6n34	4s57
S 2	22 48	20 29	1 35	23 46	0 12	23 48	0 17	10 39	0 54	12 35	1 10	18 57	1 44	14 29	0 24	20 17	0 4	14 27	7 47	23 32	23 31	10 53	6 32	4 56
S 3	22 42	23 3	0 21	23 55	0 23	23 47	0 19	10 25	0 53	12 37	1 10	18 56	1 44	14 29	0 24	20 18	0 4	14 27	7 46	23 32	23 31	10 50	6 30	4 55
M 4	22 35	24 17	0s56	24 2	0 34	23 46	0 22	10 11	0 53	12 40	1 10	18 56	1 44	14 30	0 24	20 18	0 4	14 27	7 46	23 32	23 30	10 48	6 28	4 55
T 5	22 28	23 58	2 11	24 6	0 44	23 45	0 24	9 56	0 52	12 43	1 10	18 56	1 43	14 30	0 24	20 18	0 4	14 28	7 46	23 32	23 30	10 45	6 26	4 54
W 6	22 20	22 1	3 19	24 8	0 53	23 43	0 26	9 42	0 51	12 46	1 10	18 55	1 43	14 31	0 24	20 19	0 4	14 28	7 46	23 32	23 30	10 43	6 24	4 54
T 7	22 12	18 35	4 14	24 7	1 2	23 39	0 29	9 28	0 50	12 48	1 11	18 55	1 43	14 31	0 24	20 19	0 4	14 28	7 45	23 32	23 30	10 40	6 22	4 53
F 8	22 4	13 59	4 53	24 4	1 10	23 36	0 31	9 13	0 50	12 51	1 11	18 55	1 43	14 32	0 24	20 19	0 4	14 28	7 45	23 32	23 30	10 38	6 20	4 53
S 9	21 56	8 37	5 12	23 57	1 17	23 31	0 33	8 58	0 49	12 54	1 11	18 55	1 43	14 32	0 24	20 20	0 4	14 28	7 45	23 32	23 30	10 35	6 18	4 53
S 10	21 47	2 50	5 11	23 48	1 23	23 26	0 35	8 44	0 48	12 56	1 11	18 54	1 42	14 33	0 24	20 20	0 4	14 28	7 45	23 32	23 30	10 33	6 16	4 52
M11	21 37	3n 0	4 51	23 36	1 29	23 20	0 37	8 29	0 47	12 58	1 11	18 54	1 42	14 33	0 24	20 20	0 4	14 28	7 44	23 32	23 30	10 30	6 14	4 52
T 12	21 27	8 34	4 14	23 22	1 34	23 14	0 40	8 14	0 47	13 1	1 11	18 54	1 42	14 34	0 24	20 21	0 4	14 28	7 44	23 32	23 30	10 28	6 12	4 51
W13	21 17	13 37	3 24	23 5	1 38	23 7	0 42	7 59	0 46	13 3	1 11	18 54	1 42	14 34	0 24	20 21	0 4	14 28	7 44	23 32	23 30	10 25	6 9	4 51
T 14	21 7	17 55	2 23	22 45	1 41	22 59	0 44	7 44	0 45	13 6	1 12	18 54	1 42	14 35	0 24	20 21	0 4	14 29	7 43	23 32	23 29	10 23	6 7	4 50
F 15	20 56	21 14	1 16	22 23	1 44	22 50	0 46	7 29	0 44	13 8	1 12	18 54	1 41	14 35	0 24	20 22	0 4	14 29	7 43	23 32	23 29	10 20	6 5	4 50
S 16	20 45	23 24	0 6	22 0	1 46	22 41	0 48	7 14	0 44	13 10	1 12	18 53	1 41	14 36	0 24	20 22	0 4	14 29	7 43	23 32	23 29	10 18	6 3	4 49
S 17	20 33	24 20	1n 3	21 34	1 47	22 31	0 50	6 59	0 43	13 12	1 12	18 53	1 41	14 36	0 24	20 22	0 4	14 29	7 43	23 32	23 29	10 15	6 0	4 49
M18	20 21	24 0	2 7	21 6	1 47	22 20	0 52	6 44	0 42	13 14	1 12	18 53	1 41	14 36	0 24	20 23	0 4	14 29	7 42	23 32	23 29	10 13	5 58	4 49
T 19	20 9	22 30	3 5	20 36	1 47	22 9	0 53	6 29	0 42	13 16	1 12	18 53	1 40	14 37	0 24	20 23	0 4	14 29	7 42	23 32	23 29	10 10	5 56	4 48
W20	19 56	19 59	3 54	20 5	1 46	21 57	0 55	6 13	0 41	13 18	1 13	18 53	1 40	14 37	0 24	20 23	0 4	14 30	7 42	23 32	23 29	10 8	5 53	4 48
T 21	19 43	16 37	4 31	19 33	1 44	21 44	0 57	5 58	0 40	13 20	1 13	18 53	1 40	14 37	0 24	20 24	0 4	14 30	7 41	23 32	23 29	10 5	5 51	4 47
F 22	19 30	12 37	4 56	18 59	1 42	21 31	0 59	5 42	0 39	13 22	1 13	18 53	1 40	14 38	0 24	20 24	0 4	14 30	7 41	23 31	23 29	10 3	5 49	4 47
S 23	19 16	8 10	5 9	18 24	1 40	21 17	1 0	5 27	0 39	13 24	1 13	18 53	1 40	14 38	0 24	20 25	0 4	14 30	7 41	23 31	23 28	10 0	5 46	4 47
S 24	19 3	3 25	5 8	17 48	1 37	21 3	1 2	5 11	0 38	13 26	1 13	18 53	1 39	14 38	0 24	20 25	0 4	14 30	7 40	23 31	23 28	9 58	5 44	4 46
M25	18 48	1s28	4 54	17 11	1 33	20 48	1 4	4 56	0 37	13 27	1 13	18 53	1 39	14 39	0 24	20 25	0 4	14 31	7 40	23 31	23 28	9 55	5 41	4 46
T 26	18 34	6 22	4 26	16 33	1 29	20 32	1 5	4 40	0 37	13 29	1 14	18 54	1 39	14 39	0 24	20 26	0 4	14 31	7 40	23 31	23 28	9 53	5 39	4 45
W27	18 19	11 5	3 47	15 54	1 25	20 16	1 7	4 24	0 36	13 31	1 14	18 54	1 39	14 39	0 24	20 26	0 4	14 31	7 39	23 31	23 28	9 50	5 36	4 45
T 28	18 4	15 28	2 56	15 15	1 20	19 59	1 8	4 9	0 35	13 32	1 14	18 54	1 38	14 39	0 24	20 26	0 4	14 31	7 39	23 31	23 28	9 48	5 34	4 45
F 29	17 48	19 17	1 55	14 35	1 15	19 41	1 9	3 53	0 34	13 34	1 14	18 54	1 38	14 39	0 24	20 27	0 4	14 32	7 39	23 31	23 28	9 45	5 31	4 44
S 30	17 32	22 14	0 46	13 55	1 9	19 23	1 11	3 37	0 34	13 35	1 14	18 54	1 38	14 40	0 24	20 27	0 4	14 32	7 39	23 31	23 28	9 43	5 29	4 44
S 31	17n16	24s 1	0s27	13n14	1n 4	19n 5	1n12	3n21	0n33	13n37	1s14	18s54	1n38	14n40	0s24	20s27	0n 4	14s32	7n38	23n31	23n27	9n40	5n26	4s44

Julian Day Number = 2091967.5, Delta T = 23m09s
Ecliptic obliquity = 23°34'01, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'05, Lahiri = 10°08'05 Julian Calendar 1 July 1015 == Greg. Calendar 7 July 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

AUGUST 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 57 46	13♌ 0'09	15♉34	29♌40	10♌54	23♍31	9♉45	1♐10	10♉30	28°R46	10°R 9	26°R21	24♊35	17♍35	4♍50	M 1
T 2	21 1 43	13°57'56	0♒ 6	1♍19	12° 9	24° 9	9°49	1°10	10°30	28♉44	10♐ 8	26♊18	24°32	17°42	4°58	T 2
W 3	21 5 40	14°55'44	14°59	2°57	13°23	24°48	9°54	1°10	10°31	28°43	10° 8	26°12	24°28	17°49	5° 7	W 3
T 4	21 9 36	15°53'34	0♓ 4	4°34	14°37	25°27	9°58	1°10	10°31	28°41	10° 7	26° 5	24°25	17°56	5°15	T 4
F 5	21 13 33	16°51'25	15°12	6° 9	15°52	26° 5	10° 2	1°11	10°31	28°40	10° 7	25°58	24°22	18° 2	5°23	F 5
S 6	21 17 29	17°49'18	0♈12	7°43	17° 6	26°44	10° 6	1°11	10°32	28°38	10° 7	25°51	24°19	18° 9	5°31	S 6
S 7	21 21 26	18°47'12	14°56	9°16	18°20	27°23	10°10	1°12	10°32	28°37	10° 6	25°45	24°16	18°16	5°39	S 7
M 8	21 25 22	19°45'09	29°19	10°47	19°35	28° 2	10°13	1°12	10°32	28°35	10° 6	25°41	24°13	18°22	5°48	M 8
T 9	21 29 19	20°43'07	13♉18	12°17	20°49	28°41	10°16	1°13	10°32	28°34	10° 6	25°39	24° 9	18°29	5°56	T 9
W10	21 33 15	21°41'08	26°53	13°45	22° 4	29°20	10°19	1°14	10°32	28°32	10° 6	25°D39	24° 6	18°36	6° 4	W10
T 11	21 37 12	22°39'10	10♊ 5	15°12	23°18	29°59	10°22	1°15	10°R32	28°31	10° 5	25°40	24° 3	18°43	6°13	T 11
F 12	21 41 9	23°37'14	22°58	16°38	24°33	0♎38	10°25	1°16	10°32	28°29	10° 5	25°R40	24° 0	18°49	6°21	F 12
S 13	21 45 5	24°35'21	5♋35	18° 2	25°47	1°17	10°28	1°17	10°32	28°28	10° 5	25°40	23°57	18°56	6°29	S 13
S 14	21 49 2	25°33'29	17°59	19°25	27° 2	1°57	10°30	1°18	10°32	28°26	10° 5	25°37	23°53	19° 3	6°38	S 14
M15	21 52 58	26°31'40	0♌13	20°46	28°16	2°36	10°32	1°20	10°32	28°25	10° 5	25°33	23°50	19° 9	6°46	M15
T 16	21 56 55	27°29'52	12°20	22° 6	29°31	3°16	10°34	1°21	10°32	28°24	10° 5	25°25	23°47	19°16	6°55	T 16
W17	22 0 51	28°28'06	24°20	23°24	0♍45	3°55	10°36	1°23	10°32	28°22	10°D 5	25°15	23°44	19°23	7° 3	W17
T 18	22 4 48	29°26'21	6♍16	24°41	2° 0	4°35	10°37	1°24	10°31	28°21	10° 5	25° 3	23°41	19°30	7°11	T 18
F 19	22 8 44	0♍24'39	18° 9	25°56	3°14	5°14	10°39	1°26	10°31	28°20	10° 5	24°51	23°38	19°36	7°20	F 19
S 20	22 12 41	1°22'58	0♎ 1	27° 9	4°29	5°54	10°40	1°28	10°31	28°18	10° 5	24°39	23°34	19°43	7°28	S 20
S 21	22 16 38	2°21'19	11°52	28°21	5°44	6°34	10°41	1°30	10°30	28°17	10° 5	24°28	23°31	19°50	7°37	S 21
M22	22 20 34	3°19'42	23°47	29°30	6°58	7°14	10°41	1°32	10°30	28°16	10° 5	24°19	23°28	19°57	7°45	M22
T 23	22 24 31	4°18'06	5♏47	0♎38	8°13	7°54	10°42	1°34	10°29	28°15	10° 5	24°13	23°25	20° 3	7°54	T 23
W24	22 28 27	5°16'33	17°57	1°43	9°28	8°33	10°42	1°36	10°28	28°13	10° 6	24° 9	23°22	20°10	8° 2	W24
T 25	22 32 24	6°15'00	0♐21	2°47	10°42	9°13	10°R43	1°38	10°28	28°12	10° 6	24° 8	23°18	20°17	8°11	T 25
F 26	22 36 20	7°13'30	13° 3	3°47	11°57	9°54	10°42	1°41	10°27	28°11	10° 6	24°D 8	23°15	20°23	8°19	F 26
S 27	22 40 17	8°12'01	26° 9	4°46	13°12	10°34	10°42	1°43	10°26	28°10	10° 7	24°R 8	23°12	20°30	8°28	S 27
S 28	22 44 13	9°10'34	9♑43	5°41	14°26	11°14	10°42	1°46	10°25	28° 9	10° 7	24° 7	23° 9	20°37	8°36	S 28
M29	22 48 10	10° 9'09	23°45	6°34	15°41	11°54	10°41	1°49	10°25	28° 7	10° 7	24° 5	23° 6	20°44	8°45	M29
T 30	22 52 7	11° 7'45	8♒17	7°23	16°56	12°35	10°40	1°51	10°24	28° 6	10° 8	23°59	23° 3	20°50	8°53	T 30
W31	22 56 3	12♍ 6'23	23♒13	8♎10	18♍10	13♎15	10♉39	1♐54	10♉23	28♑ 5	10♐ 8	23♊51	22♊59	20♍57	9♍ 2	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17n 0	24s20	1s42	12n33	0n57	18n46	1n13	3n 5	0n32	13n38	1s15	18s55	1n38	14n40	0s24	20s28	0n 3	14s32	7n38	23n31	23n27	9n37	5n23	4s43
T 2	16 43	23 2	2 51	11 51	0 51	18 26	1 14	2 49	0 32	13 39	1 15	18 55	1 37	14 40	0 24	20 28	0 3	14 33	7 38	23 31	23 27	9 35	5 21	4 43
W 3	16 27	20 6	3 51	11 10	0 44	18 6	1 15	2 33	0 31	13 40	1 15	18 55	1 37	14 40	0 24	20 28	0 3	14 33	7 37	23 31	23 27	9 32	5 18	4 43
T 4	16 9	15 48	4 36	10 28	0 37	17 45	1 16	2 17	0 30	13 42	1 15	18 55	1 37	14 40	0 24	20 29	0 3	14 33	7 37	23 31	23 27	9 30	5 15	4 42
F 5	15 52	10 29	5 1	9 46	0 30	17 24	1 17	2 1	0 30	13 43	1 15	18 56	1 37	14 40	0 24	20 29	0 3	14 33	7 37	23 30	23 27	9 27	5 13	4 42
S 6	15 34	4 35	5 5	9 4	0 23	17 2	1 18	1 45	0 29	13 44	1 16	18 56	1 36	14 41	0 24	20 29	0 3	14 34	7 36	23 30	23 27	9 25	5 10	4 42
S 7	15 16	1n28	4 49	8 22	0 15	16 40	1 19	1 29	0 28	13 45	1 16	18 56	1 36	14 41	0 24	20 30	0 3	14 34	7 36	23 30	23 27	9 22	5 7	4 42
M 8	14 58	7 19	4 15	7 41	0 7	16 17	1 20	1 12	0 27	13 46	1 16	18 57	1 36	14 41	0 24	20 30	0 3	14 34	7 36	23 30	23 26	9 20	5 4	4 41
T 9	14 40	12 38	3 27	6 59	0s 1	15 54	1 21	0 56	0 27	13 46	1 16	18 57	1 36	14 41	0 24	20 30	0 3	14 34	7 35	23 30	23 26	9 17	5 2	4 41
W10	14 21	17 10	2 28	6 17	0 9	15 31	1 21	0 40	0 26	13 47	1 16	18 57	1 36	14 41	0 24	20 31	0 3	14 35	7 35	23 30	23 26	9 14	4 59	4 41
T 11	14 2	20 43	1 23	5 36	0 17	15 7	1 22	0 24	0 25	13 48	1 16	18 58	1 35	14 41	0 24	20 31	0 3	14 35	7 35	23 30	23 26	9 12	4 56	4 41
F 12	13 43	23 8	0 14	4 55	0 25	14 43	1 23	0 7	0 25	13 49	1 17	18 58	1 35	14 41	0 24	20 31	0 3	14 35	7 34	23 30	23 26	9 9	4 53	4 40
S 13	13 24	24 20	0n53	4 14	0 34	14 18	1 23	0s 9	0 24	13 49	1 17	18 59	1 35	14 41	0 24	20 31	0 3	14 36	7 34	23 30	23 26	9 7	4 50	4 40
S 14	13 4	24 16	1 56	3 34	0 42	13 53	1 24	0 25	0 23	13 50	1 17	18 59	1 35	14 41	0 24	20 32	0 3	14 36	7 34	23 30	23 26	9 4	4 48	4 40
M15	12 44	23 2	2 53	2 54	0 51	13 27	1 24	0 42	0 23	13 50	1 17	19 0	1 34	14 41	0 24	20 32	0 3	14 36	7 33	23 29	23 25	9 1	4 45	4 40
T 16	12 24	20 44	3 42	2 15	0 59	13 1	1 24	0 58	0 22	13 51	1 17	19 0	1 34	14 40	0 24	20 32	0 3	14 37	7 33	23 29	23 25	8 59	4 42	4 39
W17	12 4	17 33	4 20	1 36	1 8	12 35	1 24	1 14	0 21	13 51	1 18	19 1	1 34	14 40	0 24	20 33	0 3	14 37	7 32	23 29	23 25	8 56	4 39	4 39
T 18	11 44	13 41	4 46	0 57	1 17	12 8	1 25	1 31	0 21	13 52	1 18	19 1	1 34	14 40	0 24	20 33	0 3	14 37	7 32	23 28	23 25	8 54	4 36	4 39
F 19	11 23	9 18	5 0	0 19	1 25	11 41	1 25	1 47	0 20	13 52	1 18	19 2	1 34	14 40	0 24	20 33	0 3	14 38	7 32	23 28	23 25	8 51	4 33	4 39
S 20	11 2	4 35	5 1	0s18	1 34	11 14	1 25	2 4	0 19	13 52	1 18	19 2	1 33	14 40	0 24	20 33	0 3	14 38	7 31	23 27	23 25	8 48	4 30	4 39
S 21	10 41	0s18	4 48	0 55	1 43	10 46	1 25	2 20	0 19	13 52	1 18	19 3	1 33	14 40	0 24	20 34	0 3	14 38	7 31	23 27	23 24	8 46	4 27	4 38
M22	10 20	5 12	4 23	1 30	1 51	10 18	1 25	2 37	0 18	13 52	1 18	19 4	1 33	14 40	0 24	20 34	0 3	14 39	7 31	23 27	23 24	8 43	4 24	4 38
T 23	9 59	9 57	3 47	2 5	2 0	9 50	1 25	2 53	0 17	13 52	1 19	19 4	1 33	14 40	0 24	20 34	0 3	14 39	7 30	23 26	23 24	8 41	4 21	4 38
W24	9 38	14 24	2 59	2 39	2 9	9 22	1 24	3 9	0 17	13 52	1 19	19 5	1 33	14 39	0 24	20 35	0 3	14 40	7 30	23 26	23 24	8 38	4 18	4 38
T 25	9 16	18 20	2 3	3 12	2 17	8 53	1 24	3 26	0 16	13 52	1 19	19 6	1 32	14 39	0 24	20 35	0 3	14 40	7 30	23 26	23 24	8 35	4 15	4 38
F 26	8 54	21 31	0 58	3 44	2 25	8 24	1 24	3 42	0 15	13 52	1 19	19 6	1 32	14 39	0 24	20 35	0 3	14 40	7 29	23 26	23 24	8 33	4 12	4 37
S 27	8 32	23 41	0s11	4 15	2 33	7 55	1 23	3 59	0 14	13 52	1 19	19 7	1 32	14 39	0 24	20 35	0 3	14 41	7 29	23 26	23 23	8 30	4 9	4 37
S 28	8 10	24 34	1 22	4 44	2 41	7 26	1 23	4 15	0 14	13 51	1 19	19 8	1 32	14 38	0 24	20 36	0 3	14 41	7 29	23 26	23 23	8 27	4 6	4 37
M29	7 48	23 56	2 30	5 12	2 49	6 56	1 22	4 32	0 13	13 51	1 20	19 8	1 31	14 38	0 24	20 36	0 3	14 41	7 28	23 26	23 23	8 25	4 3	4 37
T 30	7 26	21 41	3 31	5 39	2 56	6 26	1 22	4 48	0 12	13 50	1 20	19 9	1 31	14 38	0 25	20 36	0 3	14 42	7 28	23 26	23 23	8 22	4 0	4 37
W31	7n 3	17s55	4s19	6s 4	3s 3	5n57	1n21	5s 5	0n12	13n50	1s20	19s10	1n31	14n37	0s25	20s36	0n 3	14s42	7n28	23n25	23n23	8n19	3n57	4s37

Julian Day Number = 2091998.5, Delta T = 23m09s
Ecliptic obliquity = 23°34'01, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'09, Lahiri = 10°08'10 Julian Calendar 1 Aug. 1015 == Greg. Calendar 7 Aug. 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

SEPTEMBER 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 0 0	13♍ 5'03	8♓27	8♎52	19♍25	13♎55	10°R38	1♐57	10°R22	28°R 4	10♐ 9	23°R41	22♊56	21♍ 4	9♍10	T 1
F 2	23 3 56	14° 3'45	23°49	9°31	20°40	14°36	10♉37	2° 0	10♉21	28♑ 3	10° 9	23♊31	22°53	21°11	9°19	F 2
S 3	23 7 53	15° 2'29	9♈ 5	10° 5	21°54	15°16	10°35	2° 3	10°20	28° 2	10°10	23°20	22°50	21°17	9°27	S 3
S 4	23 11 49	16° 1'15	24° 5	10°35	23° 9	15°57	10°33	2° 6	10°19	28° 1	10°10	23°11	22°47	21°24	9°36	S 4
M 5	23 15 46	17° 0'04	8♉42	11° 0	24°24	16°38	10°31	2°10	10°17	28° 0	10°11	23° 5	22°44	21°31	9°44	M 5
T 6	23 19 42	17°58'54	22°51	11°19	25°39	17°19	10°29	2°13	10°16	27°59	10°11	23° 1	22°40	21°37	9°53	T 6
W 7	23 23 39	18°57'48	6♊31	11°33	26°54	17°59	10°26	2°16	10°15	27°59	10°12	22°59	22°37	21°44	10° 1	W 7
T 8	23 27 36	19°56'43	19°44	11°40	28° 8	18°40	10°24	2°20	10°14	27°58	10°13	22°59	22°34	21°51	10°10	T 8
F 9	23 31 32	20°55'41	2♋34	11°R41	29°23	19°21	10°21	2°24	10°12	27°57	10°13	22°59	22°31	21°58	10°18	F 9
S 10	23 35 29	21°54'41	15° 4	11°36	0♎38	20° 2	10°18	2°27	10°11	27°56	10°14	22°57	22°28	22° 4	10°27	S 10
S 11	23 39 25	22°53'44	27°20	11°22	1°53	20°43	10°15	2°31	10° 9	27°55	10°15	22°54	22°24	22°11	10°35	S 11
M12	23 43 22	23°52'49	9♌26	11° 2	3° 7	21°25	10°11	2°35	10° 8	27°55	10°16	22°48	22°21	22°18	10°44	M12
T 13	23 47 18	24°51'56	21°24	10°33	4°22	22° 6	10° 8	2°39	10° 6	27°54	10°17	22°39	22°18	22°24	10°52	T 13
W14	23 51 15	25°51'05	3♍18	9°57	5°37	22°47	10° 4	2°43	10° 5	27°53	10°18	22°27	22°15	22°31	11° 0	W14
T 15	23 55 11	26°50'17	15°11	9°13	6°52	23°29	10° 0	2°47	10° 3	27°53	10°18	22°14	22°12	22°38	11° 9	T 15
F 16	23 59 8	27°49'30	27° 3	8°22	8° 7	24°10	9°56	2°51	10° 2	27°52	10°19	21°59	22° 9	22°45	11°17	F 16
S 17	0 3 4	28°48'46	8♎56	7°24	9°22	24°51	9°51	2°55	10° 0	27°51	10°20	21°45	22° 5	22°51	11°25	S 17
S 18	0 7 1	29°48'04	20°51	6°21	10°36	25°33	9°47	3° 0	9°58	27°51	10°21	21°32	22° 2	22°58	11°34	S 18
M19	0 10 58	0♎47'23	2♏50	5°13	11°51	26°15	9°42	3° 4	9°56	27°50	10°22	21°21	21°59	23° 5	11°42	M19
T 20	0 14 54	1°46'45	14°55	4° 2	13° 6	26°56	9°37	3° 8	9°55	27°50	10°23	21°13	21°56	23°12	11°50	T 20
W21	0 18 51	2°46'09	27° 9	2°51	14°21	27°38	9°32	3°13	9°53	27°49	10°25	21° 9	21°53	23°18	11°58	W21
T 22	0 22 47	3°45'35	9♐34	1°40	15°36	28°20	9°27	3°18	9°51	27°49	10°26	21° 7	21°50	23°25	12° 7	T 22
F 23	0 26 44	4°45'02	22°15	0°32	16°51	29° 2	9°21	3°22	9°49	27°48	10°27	21°D 6	21°46	23°32	12°15	F 23
S 24	0 30 40	5°44'31	5♑17	29♍29	18° 6	29°44	9°16	3°27	9°47	27°48	10°28	21°R 6	21°43	23°38	12°23	S 24
S 25	0 34 37	6°44'02	18°42	28°33	19°20	0♏26	9°10	3°32	9°45	27°48	10°29	21° 6	21°40	23°45	12°31	S 25
M26	0 38 33	7°43'35	2♒34	27°45	20°35	1° 8	9° 4	3°37	9°43	27°47	10°30	21° 4	21°37	23°52	12°39	M26
T 27	0 42 30	8°43'10	16°53	27° 7	21°50	1°50	8°58	3°42	9°41	27°47	10°32	20°59	21°34	23°59	12°47	T 27
W28	0 46 27	9°42'46	1♓38	26°39	23° 5	2°32	8°52	3°47	9°39	27°47	10°33	20°52	21°30	24° 5	12°55	W28
T 29	0 50 23	10°42'24	16°43	26°22	24°20	3°14	8°46	3°52	9°37	27°47	10°34	20°43	21°27	24°12	13° 3	T 29
F 30	0 54 20	11♎42'05	2♈ 0	26°D17	25♎35	3♏57	8♉39	3♐57	9♉35	27♑46	10♐36	20♊32	21♊24	24♍19	13♍11	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n41	12s55	4s50	6s27	3s10	5n26	1n20	5s21	0n11	13n49	1s20	19s11	1n31	14n37	0s25	20s36	0n 3	14s43	7n27	23n25	23n23	8n17	3n54	4s37
F 2	6 18	7 4	5 0	6 48	3 17	4 56	1 19	5 37	0 10	13 49	1 20	19 12	1 31	14 37	0 25	20 37	0 3	14 43	7 27	23 24	23 22	8 14	3 51	4 37
S 3	5 55	0 49	4 49	7 7	3 23	4 26	1 19	5 54	0 10	13 48	1 20	19 12	1 30	14 36	0 25	20 37	0 3	14 43	7 27	23 24	23 22	8 12	3 48	4 36
S 4	5 33	5n23	4 18	7 24	3 28	3 55	1 18	6 10	0 9	13 47	1 21	19 13	1 30	14 36	0 25	20 37	0 3	14 44	7 26	23 23	23 22	8 9	3 45	4 36
M 5	5 10	11 9	3 31	7 38	3 33	3 25	1 17	6 26	0 8	13 47	1 21	19 14	1 30	14 36	0 25	20 37	0 3	14 44	7 26	23 23	23 22	8 6	3 42	4 36
T 6	4 47	16 8	2 32	7 49	3 37	2 54	1 16	6 43	0 8	13 46	1 21	19 15	1 30	14 35	0 25	20 37	0 3	14 45	7 26	23 23	23 22	8 4	3 39	4 36
W 7	4 23	20 6	1 26	7 58	3 40	2 23	1 15	6 59	0 7	13 45	1 21	19 16	1 30	14 35	0 25	20 38	0 3	14 45	7 25	23 23	23 22	8 1	3 35	4 36
T 8	4 0	22 53	0 17	8 3	3 42	1 52	1 13	7 15	0 6	13 44	1 21	19 17	1 29	14 35	0 25	20 38	0 3	14 46	7 25	23 23	23 21	7 58	3 32	4 36
F 9	3 37	24 23	0n50	8 4	3 44	1 21	1 12	7 32	0 6	13 43	1 21	19 18	1 29	14 34	0 25	20 38	0 3	14 46	7 25	23 23	23 21	7 56	3 29	4 36
S 10	3 13	24 36	1 54	8 2	3 44	0 50	1 11	7 48	0 5	13 42	1 21	19 18	1 29	14 34	0 25	20 38	0 3	14 46	7 24	23 23	23 21	7 53	3 26	4 36
S 11	2 50	23 35	2 51	7 56	3 43	0 19	1 10	8 4	0 4	13 41	1 22	19 19	1 29	14 33	0 25	20 38	0 3	14 47	7 24	23 23	23 21	7 50	3 23	4 36
M12	2 27	21 30	3 39	7 46	3 40	0s12	1 8	8 20	0 4	13 39	1 22	19 20	1 29	14 33	0 25	20 39	0 3	14 47	7 24	23 22	23 21	7 48	3 20	4 36
T 13	2 3	18 29	4 17	7 31	3 36	0 44	1 7	8 36	0 3	13 38	1 22	19 21	1 28	14 32	0 25	20 39	0 3	14 48	7 23	23 22	23 21	7 45	3 17	4 36
W14	1 39	14 44	4 43	7 11	3 31	1 15	1 5	8 52	0 2	13 37	1 22	19 22	1 28	14 32	0 25	20 39	0 3	14 48	7 23	23 21	23 20	7 42	3 14	4 36
T 15	1 16	10 26	4 57	6 47	3 23	1 46	1 4	9 8	0 2	13 36	1 22	19 23	1 28	14 31	0 25	20 39	0 3	14 49	7 23	23 20	23 20	7 40	3 10	4 36
F 16	0 52	5 44	4 58	6 18	3 14	2 17	1 2	9 24	0 1	13 34	1 22	19 24	1 28	14 31	0 25	20 39	0 3	14 49	7 22	23 19	23 20	7 37	3 7	4 36
S 17	0 28	0 49	4 46	5 44	3 2	2 48	1 0	9 40	0 0	13 33	1 22	19 25	1 28	14 30	0 25	20 39	0 3	14 50	7 22	23 19	23 20	7 34	3 4	4 36
S 18	0 5	4s 8	4 22	5 7	2 49	3 19	0 59	9 56	0s 0	13 31	1 23	19 26	1 28	14 30	0 25	20 39	0 3	14 50	7 22	23 18	23 20	7 31	3 1	4 36
M19	0s19	8 59	3 45	4 26	2 34	3 50	0 57	10 12	0 1	13 29	1 23	19 27	1 27	14 29	0 25	20 40	0 3	14 51	7 21	23 17	23 19	7 29	2 58	4 36
T 20	0 43	13 33	2 59	3 43	2 17	4 21	0 55	10 28	0 1	13 28	1 23	19 28	1 27	14 28	0 25	20 40	0 3	14 51	7 21	23 17	23 19	7 26	2 55	4 36
W21	1 6	17 38	2 3	2 57	1 59	4 52	0 53	10 43	0 2	13 26	1 23	19 29	1 27	14 28	0 25	20 40	0 3	14 51	7 21	23 16	23 19	7 23	2 52	4 36
T 22	1 30	21 0	1 1	2 11	1 40	5 23	0 52	10 59	0 3	13 24	1 23	19 30	1 27	14 27	0 25	20 40	0 3	14 52	7 20	23 16	23 19	7 21	2 49	4 36
F 23	1 54	23 26	0s 6	1 26	1 20	5 53	0 50	11 14	0 3	13 23	1 23	19 31	1 27	14 27	0 25	20 40	0 3	14 52	7 20	23 16	23 19	7 18	2 45	4 36
S 24	2 18	24 42	1 14	0 42	0 59	6 24	0 48	11 30	0 4	13 21	1 23	19 33	1 26	14 26	0 25	20 40	0 3	14 53	7 20	23 16	23 18	7 15	2 42	4 36
S 25	2 41	24 35	2 21	0 1	0 39	6 54	0 46	11 45	0 5	13 19	1 23	19 34	1 26	14 25	0 25	20 40	0 3	14 53	7 19	23 16	23 18	7 13	2 39	4 36
M26	3 5	22 57	3 21	0n37	0 19	7 25	0 44	12 1	0 5	13 17	1 23	19 35	1 26	14 25	0 25	20 40	0 3	14 54	7 19	23 16	23 18	7 10	2 36	4 36
T 27	3 29	19 50	4 11	1 10	0n 1	7 55	0 41	12 16	0 6	13 15	1 23	19 36	1 26	14 24	0 25	20 40	0 3	14 54	7 19	23 16	23 18	7 7	2 33	4 36
W28	3 52	15 23	4 45	1 38	0 19	8 25	0 39	12 31	0 7	13 13	1 23	19 37	1 26	14 24	0 25	20 40	0 3	14 55	7 18	23 15	23 18	7 4	2 30	4 36
T 29	4 16	9 53	5 1	2 1	0 37	8 54	0 37	12 46	0 7	13 11	1 23	19 38	1 26	14 23	0 25	20 40	0 3	14 55	7 18	23 14	23 17	7 2	2 27	4 36
F 30	4s39	3s43	4s56	2n17	0n52	9s24	0n35	13s 1	0s 8	13n 9	1s24	19s39	1n25	14n22	0s25	20s40	0n 3	14s56	7n18	23n14	23n17	6n59	2n24	4s36

Julian Day Number = 2092029.5, Delta T = 23m09s
Ecliptic obliquity = 23°34'02, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'14, Lahiri = 10°08'14 Julian Calendar 1 Sept. 1015 == Greg. Calendar 7 Sept. 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

OCTOBER 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 58 16	12♎41'47	17♈16	26♍23	26♎49	4♏39	8°R33	4♐ 2	9°R33	27°R46	10♐37	20°R22	21♊21	24♍25	13♍19	S 1
S 2	1 2 13	13°41'31	2♉22	26°39	28° 4	5°21	8♉26	4° 7	9♉31	27♑46	10°38	20♊14	21°18	24°32	13°27	S 2
M 3	1 6 9	14°41'17	17° 7	27° 6	29°19	6° 4	8°19	4°13	9°29	27°46	10°40	20° 7	21°15	24°39	13°35	M 3
T 4	1 10 6	15°41'05	1♊26	27°42	0♏34	6°46	8°12	4°18	9°26	27°46	10°41	20° 3	21°11	24°46	13°42	T 4
W 5	1 14 2	16°40'56	15°15	28°26	1°49	7°29	8° 5	4°24	9°24	27°D46	10°43	20°D 2	21° 8	24°52	13°50	W 5
T 6	1 17 59	17°40'49	28°35	29°19	3° 4	8°12	7°58	4°29	9°22	27°46	10°44	20° 2	21° 5	24°59	13°58	T 6
F 7	1 21 56	18°40'45	11♋29	0♎19	4°19	8°54	7°51	4°35	9°20	27°46	10°46	20° 3	21° 2	25° 6	14° 6	F 7
S 8	1 25 52	19°40'42	24° 1	1°24	5°33	9°37	7°44	4°40	9°17	27°46	10°47	20°R 3	20°59	25°13	14°13	S 8
S 9	1 29 49	20°40'42	6♌16	2°35	6°48	10°20	7°36	4°46	9°15	27°46	10°49	20° 1	20°56	25°19	14°21	S 9
M10	1 33 45	21°40'44	18°19	3°51	8° 3	11° 3	7°29	4°52	9°13	27°46	10°51	19°58	20°52	25°26	14°28	M10
T 11	1 37 42	22°40'48	0♍15	5°11	9°18	11°46	7°21	4°58	9°10	27°47	10°52	19°52	20°49	25°33	14°36	T 11
W12	1 41 38	23°40'55	12° 7	6°34	10°33	12°29	7°13	5° 3	9° 8	27°47	10°54	19°43	20°46	25°39	14°43	W12
T 13	1 45 35	24°41'03	23°58	8° 0	11°48	13°12	7° 5	5° 9	9° 5	27°47	10°55	19°33	20°43	25°46	14°50	T 13
F 14	1 49 31	25°41'13	5♎51	9°28	13° 2	13°55	6°58	5°15	9° 3	27°47	10°57	19°22	20°40	25°53	14°58	F 14
S 15	1 53 28	26°41'25	17°48	10°59	14°17	14°38	6°50	5°21	9° 1	27°48	10°59	19°12	20°36	26° 0	15° 5	S 15
S 16	1 57 24	27°41'39	29°50	12°31	15°32	15°22	6°42	5°27	8°58	27°48	11° 1	19° 2	20°33	26° 6	15°12	S 16
M17	2 1 21	28°41'55	11♏59	14° 4	16°47	16° 5	6°34	5°33	8°56	27°49	11° 2	18°54	20°30	26°13	15°19	M17
T 18	2 5 18	29°42'13	24°16	15°38	18° 2	16°48	6°26	5°40	8°53	27°49	11° 4	18°49	20°27	26°20	15°27	T 18
W19	2 9 14	0♏42'33	6♐41	17°13	19°17	17°32	6°17	5°46	8°51	27°49	11° 6	18°46	20°24	26°27	15°34	W19
T 20	2 13 11	1°42'54	19°18	18°48	20°31	18°15	6° 9	5°52	8°48	27°50	11° 8	18°D45	20°21	26°33	15°41	T 20
F 21	2 17 7	2°43'17	2♑ 7	20°24	21°46	18°59	6° 1	5°58	8°46	27°50	11°10	18°46	20°17	26°40	15°47	F 21
S 22	2 21 4	3°43'41	15°12	22° 0	23° 1	19°43	5°53	6° 5	8°43	27°51	11°11	18°47	20°14	26°47	15°54	S 22
S 23	2 25 0	4°44'06	28°36	23°37	24°16	20°26	5°45	6°11	8°41	27°52	11°13	18°R48	20°11	26°53	16° 1	S 23
M24	2 28 57	5°44'33	12♒20	25°13	25°31	21°10	5°37	6°17	8°38	27°52	11°15	18°48	20° 8	27° 0	16° 8	M24
T 25	2 32 54	6°45'02	26°26	26°50	26°45	21°54	5°28	6°24	8°36	27°53	11°17	18°46	20° 5	27° 7	16°14	T 25
W26	2 36 50	7°45'31	10♓52	28°27	28° 0	22°38	5°20	6°30	8°33	27°54	11°19	18°43	20° 1	27°14	16°21	W26
T 27	2 40 47	8°46'02	25°36	0♏ 3	29°15	23°22	5°12	6°37	8°31	27°54	11°21	18°38	19°58	27°20	16°28	T 27
F 28	2 44 43	9°46'34	10♈31	1°39	0♐30	24° 6	5° 4	6°43	8°28	27°55	11°23	18°32	19°55	27°27	16°34	F 28
S 29	2 48 40	10°47'08	25°30	3°16	1°44	24°50	4°56	6°50	8°26	27°56	11°25	18°26	19°52	27°34	16°40	S 29
S 30	2 52 36	11°47'43	10♉23	4°52	2°59	25°34	4°48	6°56	8°23	27°57	11°27	18°21	19°49	27°40	16°47	S 30
M31	2 56 33	12♏48'20	25♉ 1	6♏28	4♐14	26♏18	4♉40	7♐ 3	8♉21	27♑58	11♐29	18♊17	19♊46	27♍47	16♍53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s 2	2n40	4s30	2n28	1n 7	9s53	0n33	13s16	0s 9	13n 7	1s24	19s40	1n25	14n21	0s25	20s40	0n 3	14s56	7n18	23n13	23n17	6n56	2n21	4s36
S 2	5 26	8 50	3 45	2 33	1 19	10 22	0 30	13 31	0 9	13 4	1 24	19 41	1 25	14 21	0 25	20 40	0 3	14 57	7 17	23 12	23 17	6 53	2 17	4 36
M 3	5 49	14 23	2 46	2 33	1 30	10 51	0 28	13 46	0 10	13 2	1 24	19 43	1 25	14 20	0 25	20 41	0 3	14 57	7 17	23 12	23 17	6 51	2 14	4 36
T 4	6 12	18 58	1 37	2 27	1 40	11 20	0 26	14 1	0 10	13 0	1 24	19 44	1 25	14 19	0 25	20 41	0 3	14 58	7 17	23 12	23 16	6 48	2 11	4 36
W 5	6 35	22 19	0 26	2 16	1 48	11 48	0 23	14 15	0 11	12 58	1 24	19 45	1 25	14 19	0 25	20 41	0 3	14 58	7 16	23 11	23 16	6 45	2 8	4 37
T 6	6 58	24 19	0n45	2 1	1 54	12 16	0 21	14 30	0 12	12 55	1 24	19 46	1 24	14 18	0 25	20 41	0 3	14 59	7 16	23 11	23 16	6 43	2 5	4 37
F 7	7 21	24 56	1 52	1 42	1 59	12 44	0 19	14 44	0 12	12 53	1 24	19 47	1 24	14 17	0 25	20 41	0 3	14 59	7 16	23 11	23 16	6 40	2 2	4 37
S 8	7 44	24 14	2 51	1 19	2 3	13 11	0 16	14 59	0 13	12 50	1 24	19 48	1 24	14 17	0 25	20 41	0 3	15 0	7 16	23 12	23 16	6 37	1 59	4 37
S 9	8 7	22 22	3 41	0 53	2 6	13 39	0 14	15 13	0 14	12 48	1 24	19 50	1 24	14 16	0 25	20 41	0 3	15 0	7 15	23 11	23 15	6 34	1 56	4 37
M10	8 30	19 32	4 20	0 24	2 7	14 5	0 11	15 27	0 14	12 46	1 24	19 51	1 24	14 15	0 25	20 41	0 3	15 1	7 15	23 11	23 15	6 32	1 53	4 37
T 11	8 52	15 55	4 47	0s 7	2 8	14 32	0 9	15 41	0 15	12 43	1 24	19 52	1 24	14 14	0 25	20 41	0 3	15 1	7 15	23 11	23 15	6 29	1 50	4 37
W12	9 14	11 42	5 2	0 40	2 7	14 58	0 6	15 55	0 15	12 41	1 24	19 53	1 24	14 14	0 25	20 40	0 3	15 2	7 14	23 10	23 15	6 26	1 47	4 37
T 13	9 37	7 3	5 4	1 16	2 6	15 24	0 4	16 8	0 16	12 38	1 24	19 54	1 23	14 13	0 25	20 40	0 3	15 2	7 14	23 9	23 14	6 23	1 44	4 38
F 14	9 59	2 8	4 52	1 52	2 4	15 49	0 1	16 22	0 17	12 36	1 24	19 56	1 23	14 12	0 25	20 40	0 3	15 3	7 14	23 8	23 14	6 21	1 41	4 38
S 15	10 21	2s54	4 28	2 30	2 2	16 14	0s 1	16 35	0 17	12 33	1 24	19 57	1 23	14 11	0 25	20 40	0 3	15 3	7 14	23 7	23 14	6 18	1 38	4 38
S 16	10 43	7 52	3 52	3 9	1 58	16 38	0 4	16 49	0 18	12 30	1 24	19 58	1 23	14 10	0 25	20 40	0 2	15 4	7 13	23 7	23 14	6 15	1 35	4 38
M17	11 4	12 35	3 4	3 49	1 55	17 3	0 6	17 2	0 19	12 28	1 24	19 59	1 23	14 10	0 25	20 40	0 2	15 4	7 13	23 6	23 14	6 12	1 32	4 38
T 18	11 26	16 52	2 8	4 29	1 51	17 26	0 9	17 15	0 19	12 25	1 24	20 0	1 23	14 9	0 25	20 40	0 2	15 4	7 13	23 6	23 13	6 9	1 29	4 38
W19	11 47	20 29	1 5	5 10	1 46	17 49	0 12	17 28	0 20	12 23	1 23	20 2	1 23	14 8	0 25	20 40	0 2	15 5	7 13	23 5	23 13	6 7	1 27	4 39
T 20	12 8	23 11	0s 3	5 51	1 41	18 12	0 14	17 41	0 20	12 20	1 23	20 3	1 22	14 7	0 25	20 40	0 2	15 5	7 12	23 5	23 13	6 4	1 24	4 39
F 21	12 29	24 45	1 12	6 32	1 36	18 34	0 17	17 54	0 21	12 17	1 23	20 4	1 22	14 6	0 25	20 40	0 2	15 6	7 12	23 5	23 13	6 1	1 21	4 39
S 22	12 50	24 59	2 18	7 13	1 30	18 56	0 19	18 6	0 22	12 15	1 23	20 5	1 22	14 6	0 25	20 40	0 2	15 6	7 12	23 5	23 12	5 58	1 18	4 39
S 23	13 10	23 47	3 19	7 54	1 24	19 17	0 22	18 19	0 22	12 12	1 23	20 6	1 22	14 5	0 25	20 40	0 2	15 7	7 12	23 6	23 12	5 56	1 15	4 39
M24	13 30	21 11	4 9	8 36	1 19	19 38	0 24	18 31	0 23	12 9	1 23	20 8	1 22	14 4	0 25	20 40	0 2	15 7	7 11	23 6	23 12	5 53	1 12	4 40
T 25	13 50	17 15	4 47	9 16	1 12	19 58	0 27	18 43	0 23	12 7	1 23	20 9	1 22	14 3	0 25	20 39	0 2	15 8	7 11	23 5	23 12	5 50	1 10	4 40
W26	14 10	12 15	5 7	9 57	1 6	20 18	0 29	18 55	0 24	12 4	1 23	20 10	1 22	14 3	0 25	20 39	0 2	15 8	7 11	23 5	23 11	5 47	1 7	4 40
T 27	14 30	6 27	5 7	10 37	1 0	20 37	0 32	19 7	0 25	12 2	1 23	20 11	1 22	14 2	0 25	20 39	0 2	15 9	7 11	23 5	23 11	5 44	1 4	4 40
F 28	14 49	0 13	4 47	11 17	0 53	20 56	0 34	19 18	0 25	11 59	1 23	20 13	1 22	14 1	0 25	20 39	0 2	15 9	7 11	23 4	23 11	5 42	1 1	4 41
S 29	15 8	6n 4	4 8	11 56	0 46	21 13	0 37	19 30	0 26	11 56	1 22	20 14	1 21	14 0	0 25	20 39	0 2	15 10	7 10	23 4	23 11	5 39	0 59	4 41
S 30	15 27	11 59	3 11	12 35	0 40	21 31	0 39	19 41	0 26	11 54	1 22	20 15	1 21	13 59	0 25	20 39	0 2	15 10	7 10	23 3	23 10	5 36	0 56	4 41
M31	15s46	17n 8	2s 3	13s14	0n33	21s48	0s42	19s52	0s27	11n51	1s22	20s16	1n21	13n59	0s25	20s39	0n 2	15s11	7n10	23n 3	23n10	5n33	0n53	4s41

Julian Day Number = 2092059.5, Delta T = 23m08s
Ecliptic obliquity = 23°34'03, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'18, Lahiri = 10°08'18 Julian Calendar 1 Oct. 1015 == Greg. Calendar 7 Oct. 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

NOVEMBER 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 0 29	13♏48'58	9♊19	8♏ 4	5♐29	27♏ 2	4°R32	7♐10	8°R18	27♑58	11♐31	18°R15	19♊42	27♍54	16♍59	T 1
W 2	3 4 26	14°49'38	23°12	9°39	6°43	27°46	4♉24	7°16	8♉16	27°59	11°33	18°D15	19°39	28° 1	17° 5	W 2
T 3	3 8 23	15°50'20	6♋38	11°15	7°58	28°30	4°16	7°23	8°13	28° 0	11°35	18♊16	19°36	28° 7	17°11	T 3
F 4	3 12 19	16°51'03	19°38	12°50	9°13	29°15	4° 8	7°30	8°11	28° 1	11°37	18°18	19°33	28°14	17°17	F 4
S 5	3 16 16	17°51'48	2♌16	14°25	10°28	29°59	4° 0	7°37	8° 8	28° 2	11°39	18°19	19°30	28°21	17°23	S 5
S 6	3 20 12	18°52'34	14°36	16° 0	11°42	0♐44	3°53	7°43	8° 6	28° 3	11°41	18°R20	19°27	28°28	17°29	S 6
M 7	3 24 9	19°53'22	26°41	17°35	12°57	1°28	3°45	7°50	8° 4	28° 5	11°43	18°20	19°23	28°34	17°34	M 7
T 8	3 28 5	20°54'12	8♍38	19°10	14°12	2°13	3°38	7°57	8° 1	28° 6	11°45	18°19	19°20	28°41	17°40	T 8
W 9	3 32 2	21°55'02	20°29	20°44	15°26	2°58	3°30	8° 4	7°59	28° 7	11°48	18°16	19°17	28°48	17°45	W 9
T 10	3 35 58	22°55'55	2♎21	22°19	16°41	3°42	3°23	8°11	7°56	28° 8	11°50	18°12	19°14	28°54	17°51	T 10
F 11	3 39 55	23°56'49	14°16	23°53	17°56	4°27	3°16	8°18	7°54	28° 9	11°52	18° 8	19°11	29° 1	17°56	F 11
S 12	3 43 52	24°57'44	26°18	25°27	19°10	5°12	3° 9	8°25	7°52	28°10	11°54	18° 4	19° 7	29° 8	18° 1	S 12
S 13	3 47 48	25°58'40	8♏29	27° 2	20°25	5°57	3° 2	8°32	7°49	28°12	11°56	18° 0	19° 4	29°15	18° 7	S 13
M14	3 51 45	26°59'38	20°50	28°36	21°40	6°42	2°55	8°39	7°47	28°13	11°58	17°57	19° 1	29°21	18°12	M14
T 15	3 55 41	28° 0'37	3♐22	0♐10	22°54	7°26	2°48	8°46	7°45	28°14	12° 1	17°55	18°58	29°28	18°17	T 15
W16	3 59 38	29° 1'36	16° 6	1°44	24° 9	8°11	2°42	8°53	7°42	28°16	12° 3	17°D54	18°55	29°35	18°21	W16
T 17	4 3 34	0♐ 2'37	29° 3	3°18	25°24	8°57	2°35	9° 0	7°40	28°17	12° 5	17°55	18°52	29°41	18°26	T 17
F 18	4 7 31	1° 3'39	12♑12	4°53	26°38	9°42	2°29	9° 7	7°38	28°18	12° 7	17°56	18°48	29°48	18°31	F 18
S 19	4 11 27	2° 4'41	25°34	6°27	27°53	10°27	2°23	9°14	7°36	28°20	12° 9	17°57	18°45	29°55	18°36	S 19
S 20	4 15 24	3° 5'44	9♒ 9	8° 1	29° 7	11°12	2°17	9°21	7°33	28°21	12°12	17°58	18°42	0♎ 2	18°40	S 20
M21	4 19 21	4° 6'47	22°57	9°35	0♑22	11°57	2°11	9°28	7°31	28°23	12°14	17°59	18°39	0° 8	18°44	M21
T 22	4 23 17	5° 7'51	6♓58	11°10	1°36	12°43	2° 5	9°35	7°29	28°24	12°16	17°R59	18°36	0°15	18°49	T 22
W23	4 27 14	6° 8'56	21°10	12°44	2°51	13°28	2° 0	9°42	7°27	28°26	12°18	17°59	18°33	0°22	18°53	W23
T 24	4 31 10	7°10'00	5♈32	14°19	4° 5	14°13	1°54	9°49	7°25	28°27	12°20	17°58	18°29	0°29	18°57	T 24
F 25	4 35 7	8°11'06	20° 0	15°53	5°20	14°59	1°49	9°56	7°23	28°29	12°23	17°57	18°26	0°35	19° 1	F 25
S 26	4 39 3	9°12'11	4♉29	17°28	6°34	15°44	1°44	10° 3	7°21	28°31	12°25	17°56	18°23	0°42	19° 5	S 26
S 27	4 43 0	10°13'17	18°55	19° 3	7°49	16°30	1°39	10°10	7°19	28°32	12°27	17°55	18°20	0°49	19° 9	S 27
M28	4 46 56	11°14'24	3♊11	20°38	9° 3	17°15	1°35	10°17	7°17	28°34	12°29	17°54	18°17	0°55	19°12	M28
T 29	4 50 53	12°15'31	17°13	22°12	10°18	18° 1	1°30	10°24	7°15	28°36	12°32	17°D54	18°13	1° 2	19°16	T 29
W30	4 54 50	13♐16'39	0♋57	23♐47	11♑32	18♐47	1♉26	10♐31	7♉13	28♑37	12♐34	17♊54	18♊10	1♎ 9	19♍20	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s 4	21n10	0s49	13s51	0n26	22s 4	0s44	20s 3	0s28	11n49	1s22	20s17	1n21	13n58	0s25	20s38	0n 2	15s11	7n10	23n 3	23n10	5n30	0n51	4s42
W 2	16 22	23 50	0n27	14 28	0 20	22 19	0 47	20 13	0 28	11 46	1 22	20 19	1 21	13 57	0 25	20 38	0 2	15 12	7 10	23 3	23 10	5 28	0 48	4 42
T 3	16 40	25 3	1 39	15 5	0 13	22 34	0 49	20 24	0 29	11 44	1 22	20 20	1 21	13 56	0 25	20 38	0 2	15 12	7 9	23 3	23 9	5 25	0 46	4 42
F 4	16 58	24 49	2 43	15 41	0 6	22 48	0 52	20 34	0 29	11 41	1 22	20 21	1 21	13 55	0 25	20 38	0 2	15 13	7 9	23 3	23 9	5 22	0 43	4 42
S 5	17 15	23 17	3 38	16 16	0s 1	23 2	0 54	20 44	0 30	11 39	1 21	20 22	1 21	13 55	0 25	20 38	0 2	15 13	7 9	23 3	23 9	5 19	0 41	4 43
S 6	17 32	20 42	4 21	16 50	0 7	23 14	0 56	20 54	0 30	11 36	1 21	20 23	1 21	13 54	0 25	20 37	0 2	15 13	7 9	23 3	23 9	5 16	0 38	4 43
M 7	17 48	17 14	4 51	17 23	0 14	23 27	0 59	21 4	0 31	11 34	1 21	20 25	1 20	13 53	0 25	20 37	0 2	15 14	7 9	23 3	23 8	5 14	0 36	4 43
T 8	18 5	13 9	5 9	17 56	0 20	23 38	1 1	21 14	0 32	11 32	1 21	20 26	1 20	13 52	0 24	20 37	0 2	15 14	7 8	23 3	23 8	5 11	0 33	4 43
W 9	18 21	8 35	5 13	18 28	0 27	23 49	1 3	21 23	0 32	11 29	1 21	20 27	1 20	13 51	0 24	20 37	0 2	15 15	7 8	23 3	23 8	5 8	0 31	4 44
T 10	18 36	3 42	5 4	18 59	0 33	23 59	1 5	21 32	0 33	11 27	1 20	20 28	1 20	13 51	0 24	20 37	0 2	15 15	7 8	23 2	23 8	5 5	0 28	4 44
F 11	18 52	1s20	4 42	19 29	0 40	24 8	1 7	21 41	0 33	11 25	1 20	20 29	1 20	13 50	0 24	20 36	0 2	15 16	7 8	23 2	23 7	5 2	0 26	4 44
S 12	19 7	6 22	4 7	19 58	0 46	24 17	1 10	21 50	0 34	11 22	1 20	20 31	1 20	13 49	0 24	20 36	0 2	15 16	7 8	23 2	23 7	4 59	0 24	4 45
S 13	19 21	11 15	3 20	20 26	0 52	24 25	1 12	21 59	0 34	11 20	1 20	20 32	1 20	13 48	0 24	20 36	0 2	15 17	7 8	23 1	23 7	4 57	0 21	4 45
M14	19 35	15 45	2 24	20 54	0 58	24 32	1 14	22 7	0 35	11 18	1 20	20 33	1 20	13 48	0 24	20 36	0 2	15 17	7 7	23 1	23 7	4 54	0 19	4 45
T 15	19 49	19 39	1 19	21 20	1 4	24 38	1 16	22 15	0 35	11 16	1 19	20 34	1 20	13 47	0 24	20 35	0 2	15 17	7 7	23 1	23 6	4 51	0 17	4 46
W16	20 3	22 40	0 10	21 45	1 9	24 44	1 18	22 23	0 36	11 14	1 19	20 35	1 20	13 46	0 24	20 35	0 2	15 18	7 7	23 1	23 6	4 48	0 15	4 46
T 17	20 16	24 35	1s 1	22 9	1 15	24 49	1 20	22 31	0 36	11 12	1 19	20 36	1 20	13 45	0 24	20 35	0 2	15 18	7 7	23 1	23 6	4 45	0 12	4 46
F 18	20 29	25 10	2 10	22 32	1 20	24 53	1 21	22 38	0 37	11 10	1 19	20 38	1 20	13 45	0 24	20 35	0 2	15 19	7 7	23 1	23 6	4 42	0 10	4 47
S 19	20 41	24 18	3 13	22 54	1 25	24 56	1 23	22 45	0 38	11 8	1 18	20 39	1 19	13 44	0 24	20 34	0 2	15 19	7 7	23 1	23 5	4 40	0 8	4 47
S 20	20 53	22 1	4 7	23 15	1 30	24 59	1 25	22 52	0 38	11 6	1 18	20 40	1 19	13 43	0 24	20 34	0 2	15 20	7 7	23 1	23 5	4 37	0 6	4 47
M21	21 5	18 27	4 47	23 34	1 35	25 1	1 27	22 59	0 39	11 5	1 18	20 41	1 19	13 43	0 24	20 34	0 2	15 20	7 6	23 1	23 5	4 34	0 4	4 48
T 22	21 16	13 48	5 11	23 53	1 40	25 2	1 28	23 5	0 39	11 3	1 18	20 42	1 19	13 42	0 24	20 33	0 2	15 20	7 6	23 1	23 4	4 31	0 2	4 48
W23	21 27	8 21	5 16	24 10	1 44	25 2	1 30	23 12	0 40	11 1	1 17	20 43	1 19	13 41	0 24	20 33	0 2	15 21	7 6	23 1	23 4	4 28	0 0	4 48
T 24	21 37	2 24	5 2	24 26	1 48	25 2	1 32	23 18	0 40	11 0	1 17	20 44	1 19	13 41	0 24	20 33	0 2	15 21	7 6	23 1	23 4	4 25	0s 2	4 49
F 25	21 47	3n43	4 28	24 40	1 52	25 0	1 33	23 23	0 41	10 58	1 17	20 45	1 19	13 40	0 24	20 33	0 2	15 22	7 6	23 1	23 4	4 23	0 4	4 49
S 26	21 57	9 40	3 38	24 53	1 55	24 58	1 34	23 29	0 41	10 57	1 17	20 46	1 19	13 39	0 24	20 32	0 2	15 22	7 6	23 1	23 3	4 20	0 6	4 49
S 27	22 6	15 4	2 34	25 5	1 59	24 56	1 36	23 34	0 42	10 55	1 16	20 48	1 19	13 39	0 24	20 32	0 2	15 22	7 6	23 1	23 3	4 17	0 7	4 50
M28	22 15	19 35	1 21	25 15	2 2	24 52	1 37	23 39	0 42	10 54	1 16	20 49	1 19	13 38	0 24	20 32	0 2	15 23	7 6	23 1	23 3	4 14	0 9	4 50
T 29	22 23	22 53	0 4	25 24	2 4	24 48	1 38	23 44	0 43	10 52	1 16	20 50	1 19	13 37	0 24	20 31	0 2	15 23	7 6	23 1	23 3	4 11	0 11	4 50
W30	22s31	24n46	1n12	25s32	2s 7	24s43	1s39	23s48	0s43	10n51	1s15	20s51	1n19	13n37	0s24	20s31	0n 2	15s23	7n 5	23n 1	23n 2	4n 8	0s13	4s51

Julian Day Number = 2092090.5, Delta T = 23m08s
Ecliptic obliquity = 23°34'02, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'22, Lahiri = 10°08'22 Julian Calendar 1 Nov. 1015 == Greg. Calendar 7 Nov. 1015

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ASTRODIENST EPHEMERIS for the year 1015
geocentric

DECEMBER 1015 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 58 46	14♐17'48	14♋19	25♐22	12♑46	19♐32	1°R22	10♐39	7°R11	28♑39	12♐36	17♊55	18♊ 7	1♎16	19♍23	T 1
F 2	5 2 43	15°18'57	27°21	26°57	14° 1	20°18	1♉18	10°46	7♉ 9	28°41	12°38	17°55	18° 4	1°22	19°26	F 2
S 3	5 6 39	16°20'06	10♌ 2	28°32	15°15	21° 4	1°14	10°53	7° 8	28°43	12°41	17°55	18° 1	1°29	19°29	S 3
S 4	5 10 36	17°21'16	22°26	0♑ 6	16°29	21°50	1°10	11° 0	7° 6	28°45	12°43	17°55	17°58	1°36	19°32	S 4
M 5	5 14 32	18°22'27	4♍35	1°41	17°44	22°36	1° 7	11° 7	7° 4	28°46	12°45	17°R55	17°54	1°42	19°35	M 5
T 6	5 18 29	19°23'38	16°33	3°15	18°58	23°22	1° 4	11°14	7° 2	28°48	12°47	17°D55	17°51	1°49	19°38	T 6
W 7	5 22 25	20°24'50	28°26	4°48	20°12	24° 8	1° 1	11°21	7° 1	28°50	12°49	17°55	17°48	1°56	19°41	W 7
T 8	5 26 22	21°26'02	10♎19	6°22	21°26	24°54	0°58	11°28	6°59	28°52	12°52	17°55	17°45	2° 3	19°43	T 8
F 9	5 30 19	22°27'14	22°14	7°54	22°40	25°40	0°56	11°35	6°58	28°54	12°54	17°56	17°42	2° 9	19°46	F 9
S 10	5 34 15	23°28'27	4♏19	9°26	23°55	26°26	0°53	11°42	6°56	28°56	12°56	17°56	17°39	2°16	19°48	S 10
S 11	5 38 12	24°29'41	16°34	10°56	25° 9	27°12	0°51	11°49	6°55	28°58	12°58	17°57	17°35	2°23	19°51	S 11
M12	5 42 8	25°30'54	29° 5	12°26	26°23	27°58	0°49	11°56	6°53	29° 0	13° 0	17°58	17°32	2°30	19°53	M12
T 13	5 46 5	26°32'08	11♐52	13°53	27°37	28°44	0°47	12° 3	6°52	29° 2	13° 3	17°R58	17°29	2°36	19°55	T 13
W14	5 50 1	27°33'22	24°56	15°19	28°51	29°31	0°46	12°10	6°50	29° 4	13° 5	17°58	17°26	2°43	19°57	W14
T 15	5 53 58	28°34'36	8♑17	16°43	0♒ 5	0♑17	0°44	12°17	6°49	29° 6	13° 7	17°58	17°23	2°50	19°58	T 15
F 16	5 57 55	29°35'49	21°53	18° 3	1°19	1° 3	0°43	12°23	6°48	29° 8	13° 9	17°56	17°19	2°56	20° 0	F 16
S 17	6 1 51	0♑37'03	5♒43	19°21	2°33	1°50	0°42	12°30	6°47	29°10	13°11	17°55	17°16	3° 3	20° 2	S 17
S 18	6 5 48	1°38'16	19°42	20°35	3°47	2°36	0°42	12°37	6°46	29°12	13°13	17°53	17°13	3°10	20° 3	S 18
M19	6 9 44	2°39'28	3♓49	21°44	5° 1	3°22	0°41	12°44	6°44	29°14	13°16	17°51	17°10	3°17	20° 4	M19
T 20	6 13 41	3°40'40	17°59	22°48	6°14	4° 9	0°41	12°51	6°43	29°16	13°18	17°50	17° 7	3°23	20° 6	T 20
W21	6 17 37	4°41'52	2♈10	23°46	7°28	4°55	0°D41	12°57	6°42	29°18	13°20	17°D49	17° 4	3°30	20° 7	W21
T 22	6 21 34	5°43'02	16°20	24°37	8°42	5°42	0°41	13° 4	6°41	29°20	13°22	17°50	17° 0	3°37	20° 8	T 22
F 23	6 25 30	6°44'12	0♉28	25°21	9°56	6°28	0°41	13°11	6°40	29°22	13°24	17°51	16°57	3°43	20° 9	F 23
S 24	6 29 27	7°45'22	14°30	25°55	11° 9	7°15	0°42	13°18	6°40	29°24	13°26	17°52	16°54	3°50	20° 9	S 24
S 25	6 33 24	8°46'30	28°25	26°21	12°23	8° 2	0°43	13°24	6°39	29°27	13°28	17°53	16°51	3°57	20°10	S 25
M26	6 37 20	9°47'38	12♊12	26°36	13°36	8°48	0°44	13°31	6°38	29°29	13°30	17°R54	16°48	4° 4	20°10	M26
T 27	6 41 17	10°48'46	25°47	26°R40	14°50	9°35	0°45	13°37	6°37	29°31	13°32	17°54	16°45	4°10	20°11	T 27
W28	6 45 13	11°49'52	9♋10	26°33	16° 3	10°22	0°46	13°44	6°37	29°33	13°34	17°53	16°41	4°17	20°11	W28
T 29	6 49 10	12°50'59	22°19	26°14	17°17	11° 8	0°48	13°50	6°36	29°35	13°36	17°50	16°38	4°24	20°11	T 29
F 30	6 53 6	13°52'04	5♌12	25°43	18°30	11°55	0°50	13°57	6°35	29°38	13°38	17°46	16°35	4°30	20°R11	F 30
S 31	6 57 3	14♑53'09	17♌49	25♑ 2	19♒43	12♑42	0♉52	14♐ 3	6♉35	29♑40	13♐40	17♊42	16♊32	4♎37	20♍11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s38	25n 8	2n21	25s37	2s 8	24s37	1s41	23s53	0s44	10n50	1s15	20s52	1n19	13n36	0s24	20s31	0n 2	15s24	7n 5	23n 1	23n 2	4n 5	0s14	4s51
F 2	22 45	24 6	3 22	25 42	2 10	24 31	1 42	23 57	0 44	10 49	1 15	20 53	1 19	13 36	0 24	20 30	0 2	15 24	7 5	23 1	23 2	4 2	0 16	4 52
S 3	22 52	21 51	4 11	25 45	2 11	24 23	1 43	24 0	0 45	10 48	1 15	20 54	1 19	13 35	0 24	20 30	0 2	15 24	7 5	23 1	23 1	4 0	0 17	4 52
S 4	22 58	18 37	4 46	25 46	2 12	24 15	1 43	24 4	0 45	10 47	1 14	20 55	1 19	13 35	0 24	20 29	0 2	15 25	7 5	23 1	23 1	3 57	0 19	4 52
M 5	23 3	14 40	5 9	25 45	2 12	24 6	1 44	24 7	0 46	10 46	1 14	20 56	1 18	13 34	0 24	20 29	0 2	15 25	7 5	23 1	23 1	3 54	0 20	4 53
T 6	23 8	10 12	5 17	25 43	2 12	23 57	1 45	24 10	0 46	10 45	1 14	20 57	1 18	13 34	0 24	20 29	0 2	15 26	7 5	23 1	23 1	3 51	0 22	4 53
W 7	23 13	5 23	5 12	25 39	2 11	23 47	1 46	24 13	0 47	10 45	1 13	20 58	1 18	13 33	0 24	20 28	0 2	15 26	7 5	23 1	23 0	3 48	0 23	4 53
T 8	23 17	0 24	4 53	25 34	2 9	23 36	1 46	24 15	0 47	10 44	1 13	20 59	1 18	13 33	0 24	20 28	0 2	15 26	7 5	23 1	23 0	3 45	0 25	4 54
F 9	23 21	4s39	4 22	25 27	2 7	23 24	1 47	24 17	0 47	10 43	1 13	21 0	1 18	13 32	0 24	20 28	0 2	15 27	7 5	23 1	23 0	3 42	0 26	4 54
S 10	23 24	9 35	3 39	25 18	2 5	23 12	1 47	24 19	0 48	10 43	1 13	21 1	1 18	13 32	0 24	20 27	0 2	15 27	7 5	23 1	22 59	3 39	0 27	4 55
S 11	23 27	14 14	2 45	25 8	2 2	22 59	1 48	24 21	0 48	10 42	1 12	21 2	1 18	13 31	0 24	20 27	0 2	15 27	7 5	23 1	22 59	3 37	0 29	4 55
M12	23 29	18 23	1 43	24 56	1 58	22 45	1 48	24 22	0 49	10 42	1 12	21 3	1 18	13 31	0 24	20 26	0 2	15 27	7 5	23 1	22 59	3 34	0 30	4 55
T 13	23 31	21 46	0 34	24 43	1 53	22 31	1 48	24 23	0 49	10 42	1 12	21 4	1 18	13 30	0 24	20 26	0 2	15 28	7 5	23 1	22 58	3 31	0 31	4 56
W14	23 33	24 7	0s38	24 28	1 47	22 16	1 48	24 24	0 50	10 41	1 11	21 5	1 18	13 30	0 24	20 26	0 2	15 28	7 5	23 1	22 58	3 28	0 32	4 56
T 15	23 34	25 8	1 50	24 11	1 41	22 0	1 48	24 24	0 50	10 41	1 11	21 6	1 18	13 29	0 24	20 25	0 2	15 28	7 4	23 1	22 58	3 25	0 33	4 57
F 16	23 34	24 41	2 57	23 53	1 34	21 44	1 48	24 24	0 51	10 41	1 11	21 7	1 18	13 29	0 24	20 25	0 2	15 29	7 4	23 1	22 58	3 22	0 34	4 57
S 17	23 34	22 44	3 54	23 34	1 25	21 27	1 48	24 24	0 51	10 41	1 10	21 8	1 18	13 29	0 24	20 24	0 2	15 29	7 4	23 1	22 57	3 19	0 35	4 57
S 18	23 33	19 23	4 39	23 14	1 16	21 10	1 48	24 24	0 51	10 41	1 10	21 8	1 18	13 28	0 24	20 24	0 2	15 29	7 4	23 1	22 57	3 16	0 36	4 58
M19	23 32	14 55	5 6	22 53	1 6	20 51	1 48	24 23	0 52	10 41	1 10	21 9	1 18	13 28	0 24	20 24	0 2	15 30	7 4	23 1	22 57	3 13	0 37	4 58
T 20	23 31	9 37	5 16	22 32	0 55	20 33	1 47	24 22	0 52	10 41	1 9	21 10	1 18	13 28	0 24	20 23	0 2	15 30	7 4	23 0	22 56	3 11	0 38	4 58
W21	23 29	3 48	5 6	22 10	0 42	20 13	1 47	24 21	0 53	10 42	1 9	21 11	1 18	13 27	0 24	20 23	0 2	15 30	7 4	23 0	22 56	3 8	0 38	4 59
T 22	23 27	2n11	4 38	21 47	0 29	19 54	1 46	24 20	0 53	10 42	1 9	21 12	1 18	13 27	0 24	20 22	0 2	15 30	7 4	23 0	22 56	3 5	0 39	4 59
F 23	23 24	8 4	3 53	21 25	0 14	19 33	1 46	24 18	0 53	10 42	1 9	21 13	1 18	13 27	0 24	20 22	0 2	15 31	7 4	23 0	22 55	3 2	0 40	5 0
S 24	23 20	13 30	2 54	21 3	0n 1	19 12	1 45	24 16	0 54	10 43	1 8	21 14	1 18	13 26	0 24	20 21	0 2	15 31	7 4	23 1	22 55	2 59	0 40	5 0
S 25	23 16	18 12	1 45	20 42	0 18	18 51	1 44	24 13	0 54	10 43	1 8	21 14	1 18	13 26	0 23	20 21	0 2	15 31	7 4	23 1	22 55	2 56	0 41	5 0
M26	23 12	21 51	0 31	20 22	0 35	18 29	1 43	24 11	0 55	10 44	1 8	21 15	1 18	13 26	0 23	20 21	0 2	15 31	7 4	23 1	22 54	2 53	0 42	5 1
T 27	23 7	24 13	0n43	20 4	0 53	18 6	1 43	24 8	0 55	10 45	1 7	21 16	1 18	13 26	0 23	20 20	0 2	15 32	7 4	23 1	22 54	2 50	0 42	5 1
W28	23 2	25 9	1 54	19 47	1 12	17 43	1 41	24 5	0 55	10 45	1 7	21 17	1 18	13 26	0 23	20 20	0 2	15 32	7 4	23 1	22 54	2 47	0 43	5 1
T 29	22 57	24 38	2 58	19 32	1 31	17 20	1 40	24 1	0 56	10 46	1 7	21 18	1 18	13 25	0 23	20 19	0 2	15 32	7 4	23 0	22 54	2 44	0 43	5 2
F 30	22 50	22 48	3 51	19 19	1 49	16 56	1 39	23 58	0 56	10 47	1 6	21 18	1 18	13 25	0 23	20 19	0 2	15 32	7 4	23 0	22 53	2 41	0 43	5 2
S 31	22s44	19n52	4n31	19s 9	2n 8	16s32	1s38	23s54	0s56	10n48	1s 6	21s19	1n18	13n25	0s23	20s18	0n 2	15s32	7n 4	23n 0	22n53	2n38	0s44	5s 3

Julian Day Number = 2092120.5, Delta T = 23m07s
Ecliptic obliquity = 23°34'02, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'26, Lahiri = 10°08'26 Julian Calendar 1 Dec. 1015 == Greg. Calendar 7 Dec. 1015

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

JANUARY 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 0 59	15♑54'13	0♍11	24°R10	20♒56	13♑29	0♉54	14♐10	6°R35	29♑42	13♐42	17°R37	16♊29	4♎44	20°R11	S 1
M 2	7 4 56	16°55'17	12°20	23♑ 9	22°10	14°16	0°56	14°16	6♉34	29°44	13°44	17♊32	16°25	4°51	20♍11	M 2
T 3	7 8 53	17°56'20	24°20	22° 1	23°23	15° 2	0°59	14°22	6°34	29°46	13°46	17°29	16°22	4°57	20°10	T 3
W 4	7 12 49	18°57'23	6♎13	20°48	24°36	15°49	1° 1	14°29	6°33	29°49	13°48	17°26	16°19	5° 4	20°10	W 4
T 5	7 16 46	19°58'25	18° 5	19°32	25°49	16°36	1° 4	14°35	6°33	29°51	13°50	17°D25	16°16	5°11	20° 9	T 5
F 6	7 20 42	20°59'26	29°59	18°16	27° 2	17°23	1° 8	14°41	6°33	29°53	13°52	17°26	16°13	5°17	20° 8	F 6
S 7	7 24 39	22° 0'27	12♏ 2	17° 1	28°14	18°10	1°11	14°47	6°33	29°55	13°54	17°27	16°10	5°24	20° 7	S 7
S 8	7 28 35	23° 1'27	24°18	15°51	29°27	18°57	1°14	14°53	6°33	29°58	13°56	17°29	16° 6	5°31	20° 6	S 8
M 9	7 32 32	24° 2'26	6♐52	14°45	0♓40	19°44	1°18	14°59	6°D33	0♒ 0	13°57	17°30	16° 3	5°38	20° 5	M 9
T 10	7 36 28	25° 3'25	19°46	13°47	1°53	20°31	1°22	15° 5	6°33	0° 2	13°59	17°R31	16° 0	5°44	20° 4	T 10
W11	7 40 25	26° 4'23	3♑ 3	12°56	3° 5	21°18	1°26	15°11	6°33	0° 5	14° 1	17°30	15°57	5°51	20° 2	W11
T 12	7 44 22	27° 5'20	16°44	12°13	4°18	22° 5	1°31	15°17	6°33	0° 7	14° 3	17°26	15°54	5°58	20° 1	T 12
F 13	7 48 18	28° 6'15	0♒45	11°39	5°30	22°52	1°35	15°23	6°33	0° 9	14° 5	17°21	15°51	6° 4	19°59	F 13
S 14	7 52 15	29° 7'10	15° 4	11°14	6°43	23°40	1°40	15°29	6°33	0°11	14° 6	17°15	15°47	6°11	19°58	S 14
S 15	7 56 11	0♒ 8'03	29°34	10°57	7°55	24°27	1°45	15°34	6°34	0°14	14° 8	17° 8	15°44	6°18	19°56	S 15
M16	8 0 8	1° 8'55	14♓ 8	10°48	9° 7	25°14	1°50	15°40	6°34	0°16	14°10	17° 1	15°41	6°25	19°54	M16
T 17	8 4 4	2° 9'45	28°40	10°D47	10°19	26° 1	1°55	15°46	6°34	0°18	14°11	16°55	15°38	6°31	19°52	T 17
W18	8 8 1	3°10'33	13♈ 5	10°53	11°31	26°48	2° 0	15°51	6°35	0°21	14°13	16°52	15°35	6°38	19°50	W18
T 19	8 11 57	4°11'20	27°19	11° 6	12°43	27°35	2° 6	15°57	6°35	0°23	14°15	16°50	15°31	6°45	19°47	T 19
F 20	8 15 54	5°12'06	11♉20	11°26	13°55	28°22	2°12	16° 2	6°36	0°25	14°16	16°D50	15°28	6°51	19°45	F 20
S 21	8 19 51	6°12'50	25° 7	11°51	15° 7	29°10	2°18	16° 8	6°36	0°27	14°18	16°51	15°25	6°58	19°43	S 21
S 22	8 23 47	7°13'32	8♊41	12°21	16°18	29°57	2°24	16°13	6°37	0°30	14°19	16°52	15°22	7° 5	19°40	S 22
M23	8 27 44	8°14'12	22° 2	12°57	17°30	0♒44	2°30	16°18	6°38	0°32	14°21	16°R52	15°19	7°12	19°38	M23
T 24	8 31 40	9°14'51	5♋12	13°37	18°41	1°31	2°36	16°23	6°38	0°34	14°22	16°50	15°16	7°18	19°35	T 24
W25	8 35 37	10°15'28	18°11	14°21	19°52	2°19	2°43	16°28	6°39	0°36	14°24	16°46	15°12	7°25	19°32	W25
T 26	8 39 33	11°16'04	0♌59	15° 9	21° 4	3° 6	2°50	16°33	6°40	0°39	14°25	16°39	15° 9	7°32	19°29	T 26
F 27	8 43 30	12°16'38	13°36	16° 1	22°15	3°53	2°56	16°38	6°41	0°41	14°26	16°30	15° 6	7°38	19°26	F 27
S 28	8 47 26	13°17'10	26° 2	16°56	23°26	4°40	3° 4	16°43	6°42	0°43	14°28	16°20	15° 3	7°45	19°23	S 28
S 29	8 51 23	14°17'41	8♍17	17°53	24°37	5°27	3°11	16°48	6°43	0°45	14°29	16° 8	15° 0	7°52	19°20	S 29
M30	8 55 20	15°18'10	20°23	18°54	25°47	6°15	3°18	16°53	6°44	0°48	14°31	15°57	14°57	7°59	19°17	M30
T 31	8 59 16	16♒18'38	2♎20	19♑57	26♓58	7♒ 2	3♉26	16♐58	6♉45	0♒50	14♐32	15♊47	14♊53	8♎ 5	19♍13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s37	16n 7	4n58	19s 1	2n25	16s 7	1s36	23s49	0s57	10n49	1s 6	21s20	1n18	13n25	0s23	20s18	0n 2	15s33	7n 4	22n59	22n53	2n36	0s44	5s 3
M 2	22 29	11 45	5 11	18 55	2 41	15 42	1 35	23 45	0 57	10 50	1 5	21 21	1 18	13 25	0 23	20 17	0 2	15 33	7 4	22 59	22 52	2 33	0 44	5 3
T 3	22 21	7 0	5 10	18 52	2 56	15 16	1 33	23 40	0 57	10 52	1 5	21 21	1 18	13 25	0 23	20 17	0 2	15 33	7 4	22 58	22 52	2 30	0 44	5 4
W 4	22 13	2 3	4 56	18 50	3 9	14 50	1 32	23 35	0 58	10 53	1 5	21 22	1 18	13 25	0 23	20 16	0 2	15 33	7 4	22 58	22 52	2 27	0 44	5 4
T 5	22 4	2s59	4 29	18 51	3 19	14 24	1 30	23 29	0 58	10 54	1 4	21 23	1 18	13 25	0 23	20 16	0 2	15 33	7 4	22 58	22 51	2 24	0 44	5 4
F 6	21 55	7 56	3 51	18 54	3 27	13 57	1 28	23 24	0 58	10 56	1 4	21 23	1 18	13 25	0 23	20 16	0 1	15 34	7 5	22 58	22 51	2 21	0 44	5 5
S 7	21 45	12 39	3 1	18 58	3 32	13 30	1 26	23 18	0 59	10 57	1 4	21 24	1 18	13 25	0 23	20 15	0 1	15 34	7 5	22 58	22 51	2 18	0 44	5 5
S 8	21 35	16 58	2 3	19 3	3 35	13 3	1 24	23 12	0 59	10 58	1 4	21 25	1 18	13 25	0 23	20 15	0 1	15 34	7 5	22 58	22 50	2 15	0 44	5 5
M 9	21 25	20 37	0 58	19 10	3 36	12 35	1 22	23 5	0 59	11 0	1 3	21 25	1 18	13 25	0 23	20 14	0 1	15 34	7 5	22 59	22 50	2 12	0 44	5 6
T 10	21 14	23 22	0s12	19 18	3 34	12 7	1 20	22 58	1 0	11 2	1 3	21 26	1 18	13 25	0 23	20 14	0 1	15 34	7 5	22 59	22 50	2 9	0 44	5 6
W11	21 3	24 55	1 23	19 26	3 31	11 38	1 18	22 51	1 0	11 3	1 3	21 27	1 18	13 25	0 23	20 13	0 1	15 34	7 5	22 59	22 49	2 6	0 44	5 6
T 12	20 51	25 1	2 32	19 35	3 25	11 10	1 16	22 44	1 0	11 5	1 2	21 27	1 18	13 25	0 23	20 13	0 1	15 35	7 5	22 58	22 49	2 3	0 43	5 7
F 13	20 39	23 33	3 33	19 45	3 19	10 41	1 13	22 37	1 0	11 7	1 2	21 28	1 18	13 25	0 23	20 12	0 1	15 35	7 5	22 58	22 49	2 0	0 43	5 7
S 14	20 27	20 34	4 21	19 55	3 11	10 12	1 11	22 29	1 1	11 9	1 2	21 29	1 18	13 25	0 23	20 12	0 1	15 35	7 5	22 57	22 48	1 57	0 43	5 7
S 15	20 14	16 16	4 54	20 6	3 2	9 42	1 8	22 21	1 1	11 11	1 2	21 29	1 18	13 25	0 23	20 11	0 1	15 35	7 5	22 56	22 48	1 54	0 42	5 7
M16	20 1	11 0	5 8	20 16	2 52	9 13	1 6	22 12	1 1	11 13	1 1	21 30	1 18	13 25	0 23	20 11	0 1	15 35	7 5	22 56	22 48	1 52	0 42	5 8
T 17	19 47	5 9	5 2	20 26	2 42	8 43	1 3	22 4	1 1	11 15	1 1	21 30	1 18	13 25	0 23	20 10	0 1	15 35	7 5	22 55	22 47	1 49	0 41	5 8
W18	19 33	0n57	4 37	20 37	2 31	8 13	1 0	21 55	1 2	11 17	1 1	21 31	1 18	13 26	0 23	20 10	0 1	15 35	7 5	22 55	22 47	1 46	0 40	5 8
T 19	19 19	6 55	3 55	20 47	2 20	7 42	0 57	21 46	1 2	11 19	1 0	21 31	1 18	13 26	0 23	20 9	0 1	15 35	7 5	22 55	22 47	1 43	0 40	5 9
F 20	19 4	12 28	3 0	20 56	2 8	7 12	0 55	21 37	1 2	11 22	1 0	21 32	1 18	13 26	0 23	20 9	0 1	15 36	7 5	22 55	22 46	1 40	0 39	5 9
S 21	18 49	17 18	1 54	21 6	1 57	6 41	0 52	21 27	1 2	11 24	1 0	21 33	1 18	13 26	0 23	20 8	0 1	15 36	7 5	22 55	22 46	1 37	0 38	5 9
S 22	18 34	21 9	0 44	21 14	1 46	6 11	0 48	21 17	1 3	11 26	1 0	21 33	1 18	13 26	0 23	20 8	0 1	15 36	7 6	22 55	22 46	1 34	0 38	5 9
M23	18 18	23 47	0n28	21 22	1 34	5 40	0 45	21 7	1 3	11 29	0 59	21 34	1 18	13 27	0 23	20 7	0 1	15 36	7 6	22 55	22 45	1 31	0 37	5 9
T 24	18 2	25 5	1 37	21 30	1 23	5 9	0 42	20 57	1 3	11 31	0 59	21 34	1 18	13 27	0 23	20 7	0 1	15 36	7 6	22 55	22 45	1 28	0 36	5 10
W25	17 46	24 58	2 40	21 36	1 12	4 38	0 39	20 47	1 3	11 34	0 59	21 35	1 18	13 27	0 23	20 6	0 1	15 36	7 6	22 54	22 44	1 25	0 35	5 10
T 26	17 29	23 31	3 34	21 42	1 0	4 6	0 35	20 36	1 3	11 36	0 58	21 35	1 18	13 27	0 23	20 6	0 1	15 36	7 6	22 54	22 44	1 22	0 34	5 10
F 27	17 12	20 55	4 16	21 47	0 50	3 35	0 32	20 25	1 4	11 39	0 58	21 35	1 19	13 28	0 23	20 5	0 1	15 36	7 6	22 53	22 44	1 19	0 33	5 10
S 28	16 55	17 22	4 45	21 51	0 39	3 4	0 29	20 14	1 4	11 41	0 58	21 36	1 19	13 28	0 23	20 5	0 1	15 36	7 6	22 52	22 43	1 16	0 32	5 10
S 29	16 38	13 9	5 1	21 54	0 28	2 32	0 25	20 2	1 4	11 44	0 58	21 36	1 19	13 29	0 23	20 5	0 1	15 36	7 6	22 50	22 43	1 13	0 31	5 11
M30	16 20	8 28	5 3	21 55	0 18	2 1	0 21	19 51	1 4	11 47	0 57	21 37	1 19	13 29	0 22	20 4	0 1	15 36	7 6	22 49	22 43	1 10	0 30	5 11
T 31	16s 2	3n31	4n51	21s56	0n 8	1s29	0s18	19s39	1s 4	11n50	0s57	21s37	1n19	13n29	0s22	20s 4	0n 1	15s36	7n 6	22n48	22n42	1n 7	0s29	5s11

Julian Day Number = 2092151.5, Delta T = 23m07s
Ecliptic obliquity = 23°34'02, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'30, Lahiri = 10°08'31 Julian Calendar 1 Jan. 1016 == Greg. Calendar 7 Jan. 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

FEBRUARY 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 3 13	17♒19'04	14♎13	21♑ 3	28♓ 8	7♒49	3♉33	17♐ 2	6♉46	0♒52	14♐33	15°R40	14♊50	8♎12	19°R10	W 1
T 2	9 7 9	18°19'28	26° 3	22°10	29°19	8°37	3°41	17° 7	6°47	0°54	14°34	15♊35	14°47	8°19	19♍ 6	T 2
F 3	9 11 6	19°19'52	7♏56	23°20	0♈29	9°24	3°49	17°11	6°49	0°56	14°36	15°32	14°44	8°25	19° 3	F 3
S 4	9 15 2	20°20'14	19°56	24°32	1°39	10°11	3°57	17°16	6°50	0°59	14°37	15°D31	14°41	8°32	18°59	S 4
S 5	9 18 59	21°20'34	2♐ 8	25°45	2°49	10°58	4° 5	17°20	6°51	1° 1	14°38	15°32	14°37	8°39	18°55	S 5
M 6	9 22 55	22°20'53	14°39	27° 1	3°59	11°46	4°14	17°24	6°53	1° 3	14°39	15°R32	14°34	8°46	18°52	M 6
T 7	9 26 52	23°21'11	27°32	28°17	5° 9	12°33	4°22	17°29	6°54	1° 5	14°40	15°31	14°31	8°52	18°48	T 7
W 8	9 30 49	24°21'27	10♑52	29°36	6°18	13°20	4°31	17°33	6°56	1° 7	14°41	15°29	14°28	8°59	18°44	W 8
T 9	9 34 45	25°21'41	24°39	0♒56	7°28	14° 8	4°40	17°37	6°57	1° 9	14°42	15°23	14°25	9° 6	18°40	T 9
F 10	9 38 42	26°21'54	8♒54	2°17	8°37	14°55	4°49	17°41	6°59	1°11	14°43	15°16	14°22	9°12	18°36	F 10
S 11	9 42 38	27°22'05	23°32	3°40	9°46	15°42	4°58	17°45	7° 1	1°14	14°44	15° 6	14°18	9°19	18°32	S 11
S 12	9 46 35	28°22'13	8♓27	5° 4	10°55	16°29	5° 7	17°48	7° 2	1°16	14°45	14°54	14°15	9°26	18°27	S 12
M13	9 50 31	29°22'20	23°28	6°30	12° 4	17°17	5°16	17°52	7° 4	1°18	14°46	14°44	14°12	9°33	18°23	M13
T 14	9 54 28	0♓22'25	8♈26	7°57	13°12	18° 4	5°25	17°56	7° 6	1°20	14°47	14°34	14° 9	9°39	18°19	T 14
W15	9 58 24	1°22'28	23°13	9°25	14°21	18°51	5°35	17°59	7° 8	1°22	14°48	14°27	14° 6	9°46	18°15	W15
T 16	10 2 21	2°22'29	7♉42	10°54	15°29	19°38	5°45	18° 3	7° 9	1°24	14°49	14°23	14° 2	9°53	18°10	T 16
F 17	10 6 18	3°22'27	21°50	12°24	16°37	20°26	5°54	18° 6	7°11	1°26	14°49	14°21	13°59	9°59	18° 6	F 17
S 18	10 10 14	4°22'23	5♊37	13°56	17°45	21°13	6° 4	18° 9	7°13	1°28	14°50	14°D20	13°56	10° 6	18° 1	S 18
S 19	10 14 11	5°22'17	19° 3	15°29	18°53	22° 0	6°14	18°12	7°15	1°30	14°51	14°R20	13°53	10°13	17°57	S 19
M20	10 18 7	6°22'09	2♋12	17° 3	20° 0	22°47	6°24	18°16	7°17	1°32	14°52	14°19	13°50	10°20	17°52	M20
T 21	10 22 4	7°21'58	15° 5	18°38	21° 8	23°34	6°35	18°19	7°19	1°34	14°52	14°16	13°47	10°26	17°48	T 21
W22	10 26 0	8°21'45	27°45	20°15	22°15	24°22	6°45	18°21	7°22	1°36	14°53	14°11	13°43	10°33	17°43	W22
T 23	10 29 57	9°21'30	10♌15	21°52	23°22	25° 9	6°55	18°24	7°24	1°38	14°53	14° 2	13°40	10°40	17°38	T 23
F 24	10 33 53	10°21'13	22°36	23°31	24°28	25°56	7° 6	18°27	7°26	1°39	14°54	13°50	13°37	10°46	17°34	F 24
S 25	10 37 50	11°20'53	4♍49	25°11	25°35	26°43	7°17	18°30	7°28	1°41	14°54	13°37	13°34	10°53	17°29	S 25
S 26	10 41 47	12°20'31	16°54	26°52	26°41	27°30	7°27	18°32	7°30	1°43	14°55	13°22	13°31	11° 0	17°24	S 26
M27	10 45 43	13°20'08	28°53	28°35	27°47	28°17	7°38	18°35	7°33	1°45	14°55	13° 8	13°28	11° 6	17°20	M27
T 28	10 49 40	14°19'42	10♎47	0♓19	28°53	29° 4	7°49	18°37	7°35	1°47	14°56	12°55	13°24	11°13	17°15	T 28
W29	10 53 36	15♓19'15	22♎38	2♓ 4	29♈58	29♒51	8♉ 0	18♐39	7♉38	1♒49	14♐56	12♊45	13♊21	11♎20	17♍10	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s44	1s32	4n27	21s56	0s 1	0s57	0s14	19s27	1s 5	11n53	0s57	21s38	1n19	13n30	0s22	20s 3	0n 1	15s36	7n 7	22n47	22n42	1n 4	0s27	5s11
T 2	15 25	6 31	3 52	21 54	0 11	0 26	0 10	19 15	1 5	11 55	0 57	21 38	1 19	13 30	0 22	20 3	0 1	15 36	7 7	22 47	22 42	1 1	0 26	5 11
F 3	15 6	11 17	3 6	21 52	0 20	0n 6	0 6	19 2	1 5	11 58	0 56	21 38	1 19	13 31	0 22	20 2	0 1	15 36	7 7	22 47	22 41	0 58	0 25	5 11
S 4	14 47	15 42	2 12	21 48	0 28	0 37	0 2	18 50	1 5	12 1	0 56	21 39	1 19	13 31	0 22	20 2	0 1	15 36	7 7	22 47	22 41	0 55	0 24	5 11
S 5	14 28	19 33	1 11	21 43	0 37	1 9	0n 1	18 37	1 5	12 4	0 56	21 39	1 19	13 31	0 22	20 1	0 1	15 36	7 7	22 47	22 41	0 52	0 22	5 12
M 6	14 8	22 36	0 5	21 36	0 45	1 40	0 5	18 24	1 5	12 7	0 56	21 39	1 19	13 32	0 22	20 1	0 1	15 36	7 7	22 47	22 40	0 49	0 21	5 12
T 7	13 48	24 36	1s 3	21 28	0 53	2 12	0 10	18 10	1 5	12 11	0 55	21 40	1 19	13 32	0 22	20 0	0 1	15 36	7 7	22 47	22 40	0 46	0 19	5 12
W 8	13 28	25 17	2 10	21 19	1 0	2 43	0 14	17 57	1 5	12 14	0 55	21 40	1 19	13 33	0 22	20 0	0 1	15 36	7 7	22 46	22 39	0 43	0 18	5 12
T 9	13 8	24 27	3 12	21 9	1 7	3 15	0 18	17 43	1 6	12 17	0 55	21 40	1 19	13 34	0 22	19 59	0 1	15 36	7 7	22 46	22 39	0 40	0 16	5 12
F 10	12 48	22 2	4 3	20 57	1 14	3 46	0 22	17 30	1 6	12 20	0 55	21 41	1 19	13 34	0 22	19 59	0 1	15 36	7 8	22 45	22 39	0 37	0 15	5 12
S 11	12 27	18 9	4 40	20 44	1 21	4 17	0 26	17 16	1 6	12 23	0 54	21 41	1 19	13 35	0 22	19 59	0 1	15 36	7 8	22 44	22 38	0 34	0 13	5 12
S 12	12 6	13 4	4 59	20 30	1 27	4 49	0 30	17 1	1 6	12 27	0 54	21 41	1 19	13 35	0 22	19 58	0 1	15 36	7 8	22 42	22 38	0 31	0 12	5 12
M13	11 45	7 9	4 58	20 14	1 32	5 20	0 35	16 47	1 6	12 30	0 54	21 42	1 19	13 36	0 22	19 58	0 1	15 36	7 8	22 41	22 38	0 28	0 10	5 12
T 14	11 24	0 51	4 36	19 57	1 38	5 50	0 39	16 33	1 6	12 33	0 54	21 42	1 19	13 36	0 22	19 57	0 1	15 36	7 8	22 40	22 37	0 25	0 8	5 12
W15	11 3	5n25	3 56	19 39	1 43	6 21	0 44	16 18	1 6	12 37	0 54	21 42	1 19	13 37	0 22	19 57	0 1	15 36	7 8	22 39	22 37	0 22	0 7	5 12
T 16	10 41	11 18	3 1	19 19	1 48	6 52	0 48	16 3	1 6	12 40	0 53	21 42	1 20	13 38	0 22	19 56	0 1	15 36	7 8	22 39	22 36	0 20	0 5	5 12
F 17	10 19	16 27	1 56	18 57	1 52	7 22	0 52	15 48	1 6	12 44	0 53	21 43	1 20	13 38	0 22	19 56	0 1	15 36	7 8	22 39	22 36	0 17	0 3	5 12
S 18	9 57	20 36	0 46	18 35	1 56	7 53	0 57	15 33	1 6	12 47	0 53	21 43	1 20	13 39	0 22	19 55	0 1	15 36	7 9	22 39	22 36	0 14	0 1	5 12
S 19	9 35	23 32	0n25	18 11	1 59	8 23	1 1	15 18	1 6	12 51	0 53	21 43	1 20	13 40	0 22	19 55	0 1	15 36	7 9	22 39	22 35	0 11	0n 0	5 12
M20	9 13	25 6	1 33	17 45	2 2	8 53	1 6	15 2	1 6	12 54	0 52	21 43	1 20	13 40	0 22	19 55	0 1	15 36	7 9	22 38	22 35	0 8	0 2	5 12
T 21	8 51	25 16	2 35	17 18	2 5	9 22	1 10	14 46	1 6	12 58	0 52	21 43	1 20	13 41	0 22	19 54	0 1	15 36	7 9	22 38	22 35	0 5	0 4	5 12
W22	8 29	24 7	3 28	16 50	2 7	9 52	1 15	14 31	1 6	13 1	0 52	21 44	1 20	13 42	0 22	19 54	0 1	15 36	7 9	22 37	22 34	0 2	0 6	5 12
T 23	8 6	21 46	4 10	16 20	2 9	10 21	1 20	14 15	1 6	13 5	0 52	21 44	1 20	13 43	0 22	19 53	0 1	15 36	7 9	22 36	22 34	0s 1	0 8	5 11
F 24	7 44	18 27	4 39	15 48	2 11	10 50	1 24	13 59	1 6	13 9	0 52	21 44	1 20	13 43	0 22	19 53	0 1	15 36	7 9	22 35	22 33	0 4	0 10	5 11
S 25	7 21	14 23	4 56	15 16	2 12	11 19	1 29	13 43	1 6	13 12	0 51	21 44	1 20	13 44	0 22	19 53	0 1	15 36	7 9	22 33	22 33	0 7	0 12	5 11
S 26	6 58	9 47	4 59	14 42	2 12	11 47	1 33	13 26	1 6	13 16	0 51	21 44	1 20	13 45	0 22	19 52	0 1	15 36	7 10	22 32	22 33	0 10	0 14	5 11
M27	6 35	4 51	4 48	14 6	2 13	12 16	1 38	13 10	1 6	13 20	0 51	21 45	1 20	13 46	0 22	19 52	0 1	15 35	7 10	22 30	22 32	0 13	0 16	5 11
T 28	6 12	0s14	4 25	13 29	2 12	12 44	1 42	12 53	1 6	13 24	0 51	21 45	1 20	13 46	0 22	19 51	0 1	15 35	7 10	22 28	22 32	0 16	0 18	5 11
W29	5s49	5s17	3n51	12s50	2s11	13n11	1n47	12s37	1s 6	13n27	0s51	21s45	1n20	13n47	0s22	19s51	0n 1	15s35	7n10	22n27	22n31	0s19	0n20	5s10

Julian Day Number = 2092182.5, Delta T = 23m07s
Ecliptic obliquity = 23°34'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'35, Lahiri = 10°08'35 Julian Calendar 1 Feb. 1016 == Greg. Calendar 7 Feb. 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

MARCH 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 57 33	16♓18'45	4♏28	3♓50	1♉ 3	0♓38	8♉11	18♐42	7♉40	1♒50	14♐57	12°R37	13♊18	11♎27	17°R 6	T 1
F 2	11 1 29	17°18'14	16°20	5°37	2° 8	1°25	8°23	18°44	7°42	1°52	14°57	12♊32	13°15	11°33	17♍ 1	F 2
S 3	11 5 26	18°17'41	28°19	7°26	3°13	2°12	8°34	18°46	7°45	1°54	14°57	12°30	13°12	11°40	16°56	S 3
S 4	11 9 22	19°17'06	10♐29	9°16	4°17	2°59	8°45	18°48	7°47	1°56	14°58	12°D30	13° 8	11°47	16°52	S 4
M 5	11 13 19	20°16'29	22°56	11° 8	5°22	3°46	8°57	18°49	7°50	1°57	14°58	12°R30	13° 5	11°53	16°47	M 5
T 6	11 17 16	21°15'50	5♑45	13° 0	6°26	4°33	9° 8	18°51	7°53	1°59	14°58	12°29	13° 2	12° 0	16°42	T 6
W 7	11 21 12	22°15'10	18°59	14°55	7°29	5°20	9°20	18°53	7°55	2° 0	14°58	12°27	12°59	12° 7	16°37	W 7
T 8	11 25 9	23°14'28	2♒43	16°50	8°32	6° 7	9°32	18°54	7°58	2° 2	14°58	12°22	12°56	12°14	16°33	T 8
F 9	11 29 5	24°13'44	16°58	18°46	9°35	6°54	9°44	18°56	8° 1	2° 4	14°58	12°15	12°53	12°20	16°28	F 9
S 10	11 33 2	25°12'58	1♓39	20°44	10°38	7°41	9°55	18°57	8° 3	2° 5	14°58	12° 5	12°49	12°27	16°23	S 10
S 11	11 36 58	26°12'10	16°42	22°43	11°40	8°28	10° 7	18°58	8° 6	2° 7	14°59	11°54	12°46	12°34	16°19	S 11
M12	11 40 55	27°11'20	1♈57	24°44	12°42	9°15	10°19	18°59	8° 9	2° 8	14°R59	11°43	12°43	12°40	16°14	M12
T 13	11 44 51	28°10'28	17°13	26°45	13°44	10° 1	10°32	19° 0	8°12	2°10	14°58	11°34	12°40	12°47	16°10	T 13
W14	11 48 48	29° 9'33	2♉18	28°47	14°45	10°48	10°44	19° 1	8°15	2°11	14°58	11°27	12°37	12°54	16° 5	W14
T 15	11 52 44	0♈ 8'37	17° 5	0♈51	15°46	11°35	10°56	19° 2	8°18	2°13	14°58	11°22	12°34	13° 0	16° 1	T 15
F 16	11 56 41	1° 7'38	1♊28	2°55	16°47	12°21	11° 8	19° 3	8°21	2°14	14°58	11°20	12°30	13° 7	15°56	F 16
S 17	12 0 38	2° 6'37	15°24	4°59	17°47	13° 8	11°21	19° 3	8°23	2°15	14°58	11°D20	12°27	13°14	15°52	S 17
S 18	12 4 34	3° 5'33	28°55	7° 4	18°47	13°55	11°33	19° 4	8°26	2°17	14°58	11°R20	12°24	13°21	15°47	S 18
M19	12 8 31	4° 4'28	12♋ 2	9° 9	19°46	14°41	11°46	19° 4	8°29	2°18	14°58	11°20	12°21	13°27	15°43	M19
T 20	12 12 27	5° 3'19	24°50	11°15	20°45	15°28	11°58	19° 5	8°32	2°19	14°57	11°18	12°18	13°34	15°39	T 20
W21	12 16 24	6° 2'09	7♌21	13°19	21°43	16°14	12°11	19° 5	8°36	2°21	14°57	11°14	12°14	13°41	15°34	W21
T 22	12 20 20	7° 0'56	19°41	15°24	22°41	17° 1	12°24	19° 5	8°39	2°22	14°57	11° 7	12°11	13°47	15°30	T 22
F 23	12 24 17	7°59'41	1♍50	17°27	23°39	17°47	12°37	19°R 5	8°42	2°23	14°56	10°58	12° 8	13°54	15°26	F 23
S 24	12 28 13	8°58'24	13°52	19°29	24°36	18°34	12°49	19° 5	8°45	2°24	14°56	10°47	12° 5	14° 1	15°22	S 24
S 25	12 32 10	9°57'04	25°49	21°29	25°32	19°20	13° 2	19° 5	8°48	2°25	14°56	10°35	12° 2	14° 8	15°18	S 25
M26	12 36 7	10°55'43	7♎43	23°27	26°28	20° 7	13°15	19° 5	8°51	2°26	14°55	10°24	11°59	14°14	15°14	M26
T 27	12 40 3	11°54'19	19°34	25°24	27°23	20°53	13°28	19° 4	8°54	2°28	14°55	10°14	11°55	14°21	15°10	T 27
W28	12 44 0	12°52'54	1♏25	27°17	28°18	21°39	13°41	19° 4	8°57	2°29	14°54	10° 5	11°52	14°28	15° 6	W28
T 29	12 47 56	13°51'26	13°17	29° 8	29°12	22°25	13°54	19° 3	9° 1	2°30	14°54	9°59	11°49	14°34	15° 3	T 29
F 30	12 51 53	14°49'57	25°13	0♉55	0♊ 6	23°12	14° 7	19° 3	9° 4	2°31	14°53	9°56	11°46	14°41	14°59	F 30
S 31	12 55 49	15♈48'26	7♐16	2♉39	0♊59	23♓58	14♉21	19♐ 2	9♉ 7	2♒32	14♐53	9°D55	11♊43	14♎48	14♍55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s26	10s 9	3n 6	12s11	2s10	13n39	1n52	12s20	1s 6	13n31	0s50	21s45	1n20	13n48	0s22	19s51	0n 1	15s35	7n10	22n26	22n31	0s22	0n22	5s10
F 2	5 2	14 41	2 14	11 29	2 8	14 6	1 56	12 3	1 6	13 35	0 50	21 45	1 20	13 49	0 22	19 50	0 1	15 35	7 10	22 25	22 31	0 25	0 24	5 10
S 3	4 39	18 41	1 14	10 46	2 6	14 33	2 1	11 46	1 6	13 39	0 50	21 45	1 21	13 50	0 22	19 50	0 1	15 35	7 10	22 25	22 30	0 28	0 26	5 10
S 4	4 16	21 58	0 11	10 2	2 3	14 59	2 5	11 29	1 6	13 43	0 50	21 45	1 21	13 50	0 22	19 49	0 1	15 35	7 11	22 25	22 30	0 31	0 28	5 10
M 5	3 52	24 18	0s55	9 17	2 0	15 25	2 10	11 12	1 6	13 46	0 50	21 45	1 21	13 51	0 22	19 49	0 1	15 35	7 11	22 25	22 29	0 34	0 30	5 9
T 6	3 29	25 26	2 0	8 30	1 56	15 51	2 15	10 55	1 6	13 50	0 49	21 45	1 21	13 52	0 22	19 49	0 1	15 35	7 11	22 25	22 29	0 37	0 32	5 9
W 7	3 5	25 11	3 0	7 42	1 52	16 16	2 19	10 37	1 6	13 54	0 49	21 45	1 21	13 53	0 22	19 48	0 1	15 35	7 11	22 25	22 29	0 40	0 34	5 9
T 8	2 42	23 26	3 53	6 52	1 47	16 41	2 24	10 20	1 5	13 58	0 49	21 45	1 21	13 54	0 22	19 48	0 1	15 34	7 11	22 24	22 28	0 43	0 36	5 8
F 9	2 18	20 10	4 33	6 2	1 42	17 6	2 28	10 2	1 5	14 2	0 49	21 46	1 21	13 55	0 22	19 48	0 1	15 34	7 11	22 23	22 28	0 47	0 38	5 8
S 10	1 55	15 33	4 56	5 10	1 36	17 30	2 33	9 44	1 5	14 6	0 49	21 46	1 21	13 56	0 22	19 47	0 1	15 34	7 11	22 22	22 27	0 50	0 40	5 8
S 11	1 31	9 53	5 0	4 16	1 30	17 54	2 37	9 27	1 5	14 10	0 49	21 46	1 21	13 57	0 22	19 47	0 1	15 34	7 12	22 20	22 27	0 53	0 42	5 8
M12	1 7	3 32	4 43	3 22	1 23	18 18	2 41	9 9	1 5	14 14	0 48	21 46	1 21	13 58	0 21	19 47	0 1	15 34	7 12	22 19	22 27	0 56	0 45	5 7
T 13	0 44	3n 1	4 5	2 27	1 15	18 41	2 46	8 51	1 5	14 18	0 48	21 46	1 21	13 59	0 21	19 46	0 1	15 34	7 12	22 17	22 26	0 59	0 47	5 7
W14	0 20	9 21	3 11	1 31	1 7	19 3	2 50	8 33	1 5	14 22	0 48	21 46	1 21	14 0	0 21	19 46	0 1	15 34	7 12	22 16	22 26	1 2	0 49	5 6
T 15	0n 3	15 2	2 5	0 34	0 59	19 26	2 54	8 15	1 4	14 26	0 48	21 46	1 21	14 0	0 21	19 46	0 1	15 34	7 12	22 16	22 25	1 5	0 51	5 6
F 16	0 27	19 43	0 52	0n24	0 50	19 47	2 58	7 57	1 4	14 30	0 48	21 46	1 21	14 1	0 21	19 45	0 1	15 33	7 12	22 16	22 25	1 8	0 53	5 6
S 17	0 51	23 7	0n22	1 23	0 40	20 9	3 3	7 39	1 4	14 34	0 47	21 46	1 21	14 2	0 21	19 45	0 1	15 33	7 12	22 16	22 25	1 11	0 55	5 5
S 18	1 14	25 6	1 32	2 21	0 30	20 29	3 7	7 21	1 4	14 38	0 47	21 46	1 22	14 3	0 21	19 45	0 1	15 33	7 12	22 16	22 24	1 14	0 57	5 5
M19	1 38	25 36	2 36	3 20	0 20	20 50	3 11	7 2	1 4	14 42	0 47	21 46	1 22	14 4	0 21	19 44	0 1	15 33	7 13	22 16	22 24	1 17	0 59	5 4
T 20	2 1	24 43	3 30	4 19	0 10	21 10	3 15	6 44	1 4	14 46	0 47	21 46	1 22	14 5	0 21	19 44	0 1	15 33	7 13	22 15	22 23	1 20	1 1	5 4
W21	2 25	22 35	4 12	5 18	0n 1	21 29	3 19	6 26	1 3	14 50	0 47	21 45	1 22	14 6	0 21	19 44	0 1	15 33	7 13	22 15	22 23	1 23	1 3	5 4
T 22	2 48	19 27	4 42	6 17	0 12	21 48	3 23	6 7	1 3	14 54	0 47	21 45	1 22	14 7	0 21	19 44	0 1	15 32	7 13	22 14	22 22	1 26	1 5	5 3
F 23	3 11	15 32	4 59	7 15	0 23	22 7	3 26	5 49	1 3	14 58	0 47	21 45	1 22	14 8	0 21	19 43	0 1	15 32	7 13	22 12	22 22	1 29	1 7	5 3
S 24	3 35	11 1	5 3	8 12	0 35	22 25	3 30	5 31	1 3	15 2	0 46	21 45	1 22	14 9	0 21	19 43	0 1	15 32	7 13	22 11	22 22	1 32	1 9	5 2
S 25	3 58	6 8	4 53	9 8	0 46	22 42	3 34	5 12	1 3	15 6	0 46	21 45	1 22	14 10	0 21	19 43	0 1	15 32	7 13	22 9	22 21	1 35	1 11	5 2
M26	4 21	1 3	4 30	10 3	0 57	22 59	3 37	4 54	1 2	15 10	0 46	21 45	1 22	14 11	0 21	19 43	0 1	15 32	7 13	22 8	22 21	1 38	1 13	5 1
T 27	4 44	4s 4	3 55	10 56	1 8	23 16	3 41	4 35	1 2	15 14	0 46	21 45	1 22	14 12	0 21	19 42	0 1	15 32	7 14	22 6	22 20	1 41	1 15	5 1
W28	5 7	9 3	3 11	11 47	1 19	23 31	3 44	4 16	1 2	15 18	0 46	21 45	1 22	14 14	0 21	19 42	0 1	15 32	7 14	22 5	22 20	1 44	1 17	5 0
T 29	5 30	13 43	2 18	12 37	1 29	23 47	3 47	3 58	1 2	15 22	0 46	21 45	1 22	14 15	0 21	19 42	0 1	15 31	7 14	22 4	22 20	1 47	1 19	5 0
F 30	5 52	17 55	1 18	13 24	1 40	24 2	3 50	3 39	1 1	15 26	0 45	21 45	1 22	14 16	0 21	19 42	0 1	15 31	7 14	22 4	22 19	1 50	1 21	4 59
S 31	6n15	21s24	0n14	14n10	1n49	24n16	3n53	3s21	1s 1	15n30	0s45	21s45	1n22	14n17	0s21	19s42	0n 1	15s31	7n14	22n 3	22n19	1s53	1n23	4s59

Julian Day Number = 2092211.5, Delta T = 23m06s
Ecliptic obliquity = 23°34'04, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'38, Lahiri = 10°08'39 Julian Calendar 1 March 1016 == Greg. Calendar 7 March 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

APRIL 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 59 46	16♈46'54	19♐29	4♉19	1♊51	24♓44	14♉34	19°R 1	9♉10	2♒32	14°R52	9♊55	11♊39	14♎54	14°R52	S 1
M 2	13 3 42	17°45'20	1♑57	5°55	2°43	25°30	14°47	19♐ 0	9°14	2°33	14♐51	9°56	11°36	15° 1	14♍48	M 2
T 3	13 7 39	18°43'44	14°44	7°27	3°34	26°16	15° 0	18°59	9°17	2°34	14°51	9°R57	11°33	15° 8	14°45	T 3
W 4	13 11 36	19°42'06	27°54	8°55	4°24	27° 2	15°14	18°58	9°20	2°35	14°50	9°57	11°30	15°15	14°42	W 4
T 5	13 15 32	20°40'27	11♒31	10°18	5°13	27°48	15°27	18°57	9°24	2°36	14°49	9°55	11°27	15°21	14°38	T 5
F 6	13 19 29	21°38'47	25°36	11°37	6° 2	28°34	15°41	18°55	9°27	2°37	14°49	9°51	11°24	15°28	14°35	F 6
S 7	13 23 25	22°37'04	10♓ 8	12°52	6°50	29°20	15°54	18°54	9°30	2°37	14°48	9°45	11°20	15°35	14°32	S 7
S 8	13 27 22	23°35'20	25° 3	14° 1	7°37	0♈ 6	16° 8	18°53	9°34	2°38	14°47	9°38	11°17	15°41	14°29	S 8
M 9	13 31 18	24°33'35	10♈13	15° 6	8°23	0°52	16°21	18°51	9°37	2°39	14°46	9°32	11°14	15°48	14°26	M 9
T 10	13 35 15	25°31'48	25°29	16° 6	9° 9	1°37	16°35	18°49	9°41	2°40	14°45	9°26	11°11	15°55	14°24	T 10
W11	13 39 11	26°29'59	10♉40	17° 1	9°53	2°23	16°48	18°47	9°44	2°40	14°44	9°21	11° 8	16° 1	14°21	W11
T 12	13 43 8	27°28'08	25°36	17°51	10°37	3° 9	17° 2	18°46	9°47	2°41	14°43	9°18	11° 5	16° 8	14°18	T 12
F 13	13 47 5	28°26'15	10♊10	18°36	11°19	3°54	17°16	18°44	9°51	2°41	14°43	9°D18	11° 1	16°15	14°16	F 13
S 14	13 51 1	29°24'21	24°17	19°16	12° 0	4°40	17°29	18°42	9°54	2°42	14°42	9°18	10°58	16°21	14°13	S 14
S 15	13 54 58	0♉22'24	7♋57	19°51	12°41	5°26	17°43	18°40	9°58	2°42	14°41	9°20	10°55	16°28	14°11	S 15
M16	13 58 54	1°20'26	21°11	20°20	13°20	6°11	17°57	18°37	10° 1	2°43	14°40	9°21	10°52	16°35	14° 9	M16
T 17	14 2 51	2°18'25	4♌ 2	20°44	13°58	6°57	18°11	18°35	10° 5	2°43	14°39	9°R21	10°49	16°42	14° 7	T 17
W18	14 6 47	3°16'23	16°33	21° 3	14°35	7°42	18°24	18°33	10° 8	2°44	14°38	9°20	10°45	16°48	14° 5	W18
T 19	14 10 44	4°14'19	28°49	21°17	15°10	8°27	18°38	18°30	10°12	2°44	14°36	9°18	10°42	16°55	14° 3	T 19
F 20	14 14 40	5°12'13	10♍53	21°26	15°44	9°13	18°52	18°28	10°15	2°44	14°35	9°14	10°39	17° 2	14° 1	F 20
S 21	14 18 37	6°10'05	22°50	21°R29	16°17	9°58	19° 6	18°25	10°19	2°45	14°34	9° 9	10°36	17° 8	13°59	S 21
S 22	14 22 34	7° 7'55	4♎43	21°28	16°49	10°43	19°20	18°22	10°22	2°45	14°33	9° 3	10°33	17°15	13°58	S 22
M23	14 26 30	8° 5'43	16°34	21°22	17°19	11°28	19°34	18°20	10°26	2°45	14°32	8°58	10°30	17°22	13°56	M23
T 24	14 30 27	9° 3'30	28°25	21°11	17°47	12°13	19°48	18°17	10°29	2°45	14°31	8°53	10°26	17°28	13°55	T 24
W25	14 34 23	10° 1'16	10♏19	20°56	18°14	12°58	20° 2	18°14	10°33	2°45	14°30	8°49	10°23	17°35	13°53	W25
T 26	14 38 20	10°59'00	22°17	20°37	18°39	13°43	20°16	18°11	10°36	2°45	14°28	8°46	10°20	17°42	13°52	T 26
F 27	14 42 16	11°56'43	4♐21	20°14	19° 3	14°28	20°29	18° 8	10°40	2°46	14°27	8°D45	10°17	17°49	13°51	F 27
S 28	14 46 13	12°54'25	16°34	19°48	19°24	15°13	20°43	18° 5	10°43	2°46	14°26	8°45	10°14	17°55	13°50	S 28
S 29	14 50 9	13°52'05	28°57	19°19	19°44	15°58	20°57	18° 1	10°47	2°46	14°25	8°46	10°11	18° 2	13°49	S 29
M30	14 54 6	14♉49'44	11♑34	18♉48	20♊ 2	16♈43	21♉11	17♐58	10♉50	2°R46	14♐23	8♊48	10♊ 7	18♎ 9	13♍49	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n38	24s 0	0s51	14n53	1n58	24n30	3n56	3s 2	1s 1	15n34	0s45	21s45	1n22	14n18	0s21	19s41	0n 1	15s31	7n14	22n 3	22n18	1s56	1n25	4s58
M 2	7 0	25 29	1 56	15 33	2 7	24 43	3 59	2 43	1 1	15 39	0 45	21 44	1 22	14 19	0 21	19 41	0 1	15 31	7 14	22 4	22 18	1 59	1 27	4 57
T 3	7 23	25 40	2 56	16 11	2 14	24 56	4 2	2 25	1 0	15 43	0 45	21 44	1 23	14 20	0 21	19 41	0 1	15 30	7 14	22 4	22 17	2 2	1 28	4 57
W 4	7 45	24 26	3 49	16 47	2 21	25 8	4 4	2 6	1 0	15 47	0 45	21 44	1 23	14 21	0 21	19 41	0 1	15 30	7 14	22 4	22 17	2 5	1 30	4 56
T 5	8 7	21 46	4 31	17 19	2 28	25 20	4 7	1 47	1 0	15 51	0 45	21 44	1 23	14 22	0 21	19 41	0 0	15 30	7 14	22 3	22 16	2 8	1 32	4 56
F 6	8 29	17 44	4 59	17 49	2 33	25 31	4 9	1 29	0 59	15 55	0 45	21 44	1 23	14 23	0 21	19 40	0 0	15 30	7 15	22 3	22 16	2 11	1 34	4 55
S 7	8 51	12 33	5 8	18 17	2 38	25 41	4 11	1 10	0 59	15 59	0 44	21 44	1 23	14 24	0 21	19 40	0 0	15 30	7 15	22 2	22 16	2 14	1 36	4 55
S 8	9 12	6 31	4 57	18 42	2 41	25 52	4 13	0 51	0 59	16 3	0 44	21 43	1 23	14 25	0 21	19 40	0 0	15 30	7 15	22 1	22 15	2 17	1 37	4 54
M 9	9 34	0n 0	4 25	19 4	2 44	26 1	4 15	0 33	0 58	16 7	0 44	21 43	1 23	14 26	0 21	19 40	0 0	15 29	7 15	22 0	22 15	2 20	1 39	4 53
T 10	9 55	6 35	3 34	19 23	2 46	26 10	4 17	0 14	0 58	16 11	0 44	21 43	1 23	14 27	0 21	19 40	0 0	15 29	7 15	21 59	22 14	2 23	1 41	4 53
W11	10 17	12 45	2 29	19 40	2 46	26 18	4 18	0n 4	0 58	16 15	0 44	21 43	1 23	14 29	0 21	19 40	0 0	15 29	7 15	21 58	22 14	2 26	1 42	4 52
T 12	10 38	18 4	1 14	19 54	2 46	26 26	4 19	0 23	0 57	16 19	0 44	21 43	1 23	14 30	0 21	19 40	0 0	15 29	7 15	21 58	22 13	2 29	1 44	4 51
F 13	10 59	22 10	0n 5	20 5	2 45	26 33	4 21	0 41	0 57	16 23	0 44	21 42	1 23	14 31	0 21	19 39	0 0	15 29	7 15	21 58	22 13	2 32	1 45	4 51
S 14	11 19	24 47	1 21	20 14	2 42	26 40	4 22	1 0	0 57	16 27	0 44	21 42	1 23	14 32	0 21	19 39	0 0	15 29	7 15	21 58	22 13	2 35	1 47	4 50
S 15	11 40	25 49	2 29	20 20	2 39	26 46	4 22	1 18	0 56	16 31	0 43	21 42	1 23	14 33	0 21	19 39	0 0	15 28	7 15	21 58	22 12	2 38	1 48	4 49
M16	12 0	25 19	3 28	20 24	2 34	26 52	4 23	1 37	0 56	16 35	0 43	21 42	1 23	14 34	0 21	19 39	0 0	15 28	7 15	21 58	22 12	2 42	1 50	4 49
T 17	12 20	23 28	4 14	20 25	2 28	26 57	4 23	1 55	0 56	16 39	0 43	21 42	1 23	14 35	0 21	19 39	0 0	15 28	7 15	21 58	22 11	2 45	1 51	4 48
W18	12 40	20 31	4 47	20 23	2 21	27 2	4 23	2 14	0 55	16 43	0 43	21 41	1 23	14 36	0 21	19 39	0 0	15 28	7 15	21 58	22 11	2 48	1 53	4 47
T 19	13 0	16 43	5 6	20 19	2 13	27 6	4 23	2 32	0 55	16 46	0 43	21 41	1 23	14 37	0 21	19 39	0 0	15 28	7 16	21 58	22 10	2 51	1 54	4 47
F 20	13 20	12 19	5 11	20 12	2 4	27 9	4 23	2 50	0 54	16 50	0 43	21 41	1 23	14 39	0 21	19 39	0 0	15 27	7 16	21 57	22 10	2 54	1 55	4 46
S 21	13 39	7 29	5 3	20 3	1 54	27 12	4 22	3 8	0 54	16 54	0 43	21 41	1 23	14 40	0 21	19 39	0 0	15 27	7 16	21 56	22 9	2 57	1 57	4 45
S 22	13 58	2 25	4 41	19 52	1 42	27 14	4 21	3 27	0 54	16 58	0 43	21 40	1 23	14 41	0 21	19 39	0 0	15 27	7 16	21 56	22 9	3 0	1 58	4 45
M23	14 17	2s44	4 7	19 38	1 30	27 16	4 20	3 45	0 53	17 2	0 43	21 40	1 23	14 42	0 21	19 39	0 0	15 27	7 16	21 55	22 8	3 3	1 59	4 44
T 24	14 36	7 48	3 23	19 22	1 16	27 18	4 18	4 3	0 53	17 6	0 42	21 40	1 23	14 43	0 21	19 39	0 0	15 27	7 16	21 54	22 8	3 6	2 0	4 43
W25	14 54	12 37	2 30	19 5	1 2	27 18	4 17	4 21	0 52	17 10	0 42	21 40	1 23	14 44	0 21	19 39	0 0	15 27	7 16	21 53	22 8	3 9	2 1	4 43
T 26	15 12	17 0	1 29	18 45	0 47	27 18	4 15	4 39	0 52	17 14	0 42	21 39	1 23	14 45	0 21	19 39	0 0	15 26	7 16	21 53	22 7	3 12	2 2	4 42
F 27	15 30	20 44	0 24	18 23	0 31	27 18	4 12	4 57	0 51	17 17	0 42	21 39	1 23	14 46	0 21	19 39	0 0	15 26	7 16	21 53	22 7	3 15	2 4	4 41
S 28	15 48	23 36	0s43	18 0	0 14	27 17	4 9	5 15	0 51	17 21	0 42	21 39	1 23	14 47	0 21	19 39	0 0	15 26	7 16	21 53	22 6	3 18	2 5	4 41
S 29	16 5	25 23	1 49	17 36	0s 3	27 16	4 6	5 32	0 51	17 25	0 42	21 38	1 23	14 48	0 21	19 39	0 0	15 26	7 16	21 53	22 6	3 21	2 6	4 40
M30	16n22	25s54	2s51	17n11	0s20	27n14	4n 3	5n50	0s50	17n29	0s42	21s38	1n23	14n50	0s21	19s39	0n 0	15s26	7n16	21n53	22n 5	3s24	2n 6	4s39

Julian Day Number = 2092242.5, Delta T = 23m06s
Ecliptic obliquity = 23°34'04, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'43, Lahiri = 10°08'43 Julian Calendar 1 Apr. 1016 == Greg. Calendar 7 Apr. 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

MAY 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 58 3	15♉47'22	24♋28	18°R15	20♊18	17♈28	21♉25	17°R55	10♉54	2°R46	14°R22	8♊49	10♊ 4	18♎15	13°R48	T 1
W 2	15 1 59	16°44'59	7♒40	17♉42	20°33	18°12	21°39	17♐51	10°57	2♒46	14♐21	8°50	10° 1	18°22	13♍48	W 2
T 3	15 5 56	17°42'35	21°13	17° 7	20°45	18°57	21°53	17°48	11° 0	2°45	14°19	8°R51	9°58	18°29	13°47	T 3
F 4	15 9 52	18°40'10	5♓ 9	16°33	20°55	19°42	22° 7	17°44	11° 4	2°45	14°18	8°50	9°55	18°35	13°47	F 4
S 5	15 13 49	19°37'44	19°27	16° 0	21° 3	20°26	22°21	17°41	11° 7	2°45	14°17	8°48	9°51	18°42	13°47	S 5
S 6	15 17 45	20°35'17	4♈ 5	15°27	21° 8	21°11	22°35	17°37	11°11	2°45	14°15	8°46	9°48	18°49	13°D47	S 6
M 7	15 21 42	21°32'50	18°58	14°57	21°12	21°55	22°49	17°33	11°14	2°45	14°14	8°44	9°45	18°55	13°47	M 7
T 8	15 25 38	22°30'21	3♉58	14°29	21°R13	22°40	23° 4	17°30	11°18	2°44	14°12	8°42	9°42	19° 2	13°47	T 8
W 9	15 29 35	23°27'51	18°58	14° 3	21°11	23°24	23°18	17°26	11°21	2°44	14°11	8°41	9°39	19° 9	13°47	W 9
T 10	15 33 32	24°25'21	3♊48	13°41	21° 8	24° 8	23°32	17°22	11°25	2°44	14° 9	8°D40	9°36	19°16	13°47	T 10
F 11	15 37 28	25°22'49	18°21	13°22	21° 2	24°52	23°46	17°18	11°28	2°44	14° 8	8°40	9°32	19°22	13°48	F 11
S 12	15 41 25	26°20'16	2♋32	13° 7	20°53	25°37	24° 0	17°14	11°31	2°43	14° 7	8°41	9°29	19°29	13°48	S 12
S 13	15 45 21	27°17'42	16°18	12°56	20°43	26°21	24°14	17°10	11°35	2°43	14° 5	8°42	9°26	19°36	13°49	S 13
M14	15 49 18	28°15'07	29°38	12°49	20°29	27° 5	24°28	17° 6	11°38	2°42	14° 4	8°43	9°23	19°42	13°50	M14
T 15	15 53 14	29°12'30	12♌34	12°D46	20°14	27°49	24°42	17° 2	11°42	2°42	14° 2	8°44	9°20	19°49	13°51	T 15
W16	15 57 11	0♊ 9'53	25° 9	12°48	19°56	28°33	24°56	16°58	11°45	2°41	14° 1	8°R44	9°17	19°56	13°52	W16
T 17	16 1 7	1° 7'14	7♍27	12°55	19°36	29°16	25°10	16°54	11°48	2°41	13°59	8°44	9°13	20° 2	13°53	T 17
F 18	16 5 4	2° 4'34	19°31	13° 5	19°13	0♉ 0	25°23	16°50	11°52	2°40	13°58	8°44	9°10	20° 9	13°54	F 18
S 19	16 9 1	3° 1'53	1♎27	13°21	18°48	0°44	25°37	16°46	11°55	2°40	13°56	8°43	9° 7	20°16	13°56	S 19
S 20	16 12 57	3°59'10	13°18	13°41	18°22	1°28	25°51	16°41	11°58	2°39	13°54	8°42	9° 4	20°22	13°57	S 20
M21	16 16 54	4°56'27	25° 9	14° 5	17°53	2°11	26° 5	16°37	12° 2	2°38	13°53	8°42	9° 1	20°29	13°59	M21
T 22	16 20 50	5°53'43	7♏ 2	14°33	17°23	2°55	26°19	16°33	12° 5	2°38	13°51	8°41	8°57	20°36	14° 1	T 22
W23	16 24 47	6°50'59	19° 1	15° 6	16°50	3°38	26°33	16°28	12° 8	2°37	13°50	8°41	8°54	20°43	14° 2	W23
T 24	16 28 43	7°48'13	1♐ 8	15°44	16°17	4°22	26°47	16°24	12°11	2°36	13°48	8°41	8°51	20°49	14° 4	T 24
F 25	16 32 40	8°45'27	13°25	16°25	15°42	5° 5	27° 1	16°20	12°15	2°35	13°47	8°41	8°48	20°56	14° 6	F 25
S 26	16 36 36	9°42'41	25°53	17°10	15° 6	5°49	27°15	16°15	12°18	2°35	13°45	8°41	8°45	21° 3	14° 9	S 26
S 27	16 40 33	10°39'54	8♑34	18° 0	14°30	6°32	27°28	16°11	12°21	2°34	13°44	8°41	8°42	21° 9	14°11	S 27
M28	16 44 30	11°37'06	21°28	18°53	13°52	7°15	27°42	16° 7	12°24	2°33	13°42	8°41	8°38	21°16	14°13	M28
T 29	16 48 26	12°34'19	4♒37	19°50	13°15	7°58	27°56	16° 2	12°27	2°32	13°40	8°40	8°35	21°23	14°16	T 29
W30	16 52 23	13°31'31	18° 1	20°51	12°37	8°41	28°10	15°58	12°30	2°31	13°39	8°40	8°32	21°29	14°18	W30
T 31	16 56 19	14♊28'42	1♓40	21♉56	12♊ 0	9♉24	28♉23	15♐53	12♉33	2♒30	13♐37	8♊40	8♊29	21♎36	14♍21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16n39	25s 3	3s46	16n45	0s37	27n11	3n59	6n 8	0s50	17n33	0s42	21s38	1n23	14n51	0s21	19s39	0n 0	15s26	7n16	21n53	22n 5	3s27	2n 7	4s38	T 1
W 2	16 56	22 48	4 30	16 19	0 55	27 8	3 55	6 25	0 49	17 36	0 42	21 37	1 23	14 52	0 21	19 39	0 0	15 25	7 16	21 54	22 4	3 30	2 8	4 38	W 2
T 3	17 12	19 14	5 1	15 53	1 12	27 4	3 50	6 43	0 49	17 40	0 42	21 37	1 23	14 53	0 21	19 39	0 0	15 25	7 16	21 54	22 4	3 33	2 9	4 37	T 3
F 4	17 28	14 32	5 15	15 27	1 29	27 0	3 45	7 0	0 48	17 44	0 41	21 37	1 23	14 54	0 21	19 39	0 0	15 25	7 16	21 54	22 3	3 36	2 10	4 36	F 4
S 5	17 44	8 56	5 10	15 2	1 46	26 55	3 40	7 17	0 48	17 47	0 41	21 37	1 23	14 55	0 21	19 39	0 0	15 25	7 16	21 53	22 3	3 39	2 11	4 35	S 5
S 6	18 0	2 43	4 45	14 37	2 1	26 50	3 34	7 35	0 47	17 51	0 41	21 36	1 23	14 56	0 21	19 39	0 0	15 25	7 16	21 53	22 2	3 42	2 11	4 35	S 6
M 7	18 15	3n45	4 1	14 14	2 16	26 44	3 28	7 52	0 47	17 55	0 41	21 36	1 23	14 57	0 21	19 39	0 0	15 25	7 16	21 53	22 2	3 45	2 12	4 34	M 7
T 8	18 30	10 5	3 0	13 52	2 31	26 37	3 21	8 9	0 46	17 58	0 41	21 36	1 23	14 58	0 21	19 39	0 0	15 25	7 16	21 52	22 1	3 48	2 13	4 33	T 8
W 9	18 44	15 50	1 47	13 32	2 44	26 30	3 14	8 26	0 46	18 2	0 41	21 35	1 23	14 59	0 21	19 39	0 0	15 24	7 16	21 52	22 1	3 52	2 13	4 33	W 9
T 10	18 59	20 35	0 27	13 14	2 56	26 22	3 6	8 43	0 45	18 6	0 41	21 35	1 23	15 0	0 21	19 39	0 0	15 24	7 16	21 52	22 0	3 55	2 14	4 32	T 10
F 11	19 13	23 56	0n53	12 57	3 7	26 13	2 58	8 59	0 45	18 9	0 41	21 34	1 23	15 1	0 21	19 39	0 0	15 24	7 16	21 52	22 0	3 58	2 14	4 31	F 11
S 12	19 26	25 41	2 8	12 43	3 17	26 4	2 49	9 16	0 44	18 13	0 41	21 34	1 23	15 2	0 21	19 39	0 0	15 24	7 16	21 52	22 0	4 1	2 15	4 30	S 12
S 13	19 40	25 46	3 14	12 31	3 26	25 54	2 40	9 33	0 44	18 16	0 41	21 34	1 23	15 4	0 21	19 39	0 0	15 24	7 16	21 52	21 59	4 4	2 15	4 30	S 13
M14	19 53	24 21	4 6	12 22	3 34	25 43	2 30	9 49	0 43	18 20	0 41	21 33	1 23	15 5	0 21	19 40	0 0	15 24	7 16	21 52	21 59	4 7	2 15	4 29	M14
T 15	20 5	21 40	4 45	12 15	3 41	25 32	2 20	10 5	0 43	18 23	0 41	21 33	1 23	15 6	0 21	19 40	0 0	15 24	7 16	21 53	21 58	4 10	2 16	4 28	T 15
W16	20 18	18 2	5 8	12 11	3 46	25 20	2 10	10 22	0 42	18 27	0 40	21 33	1 23	15 7	0 21	19 40	0 0	15 23	7 16	21 53	21 58	4 13	2 16	4 27	W16
T 17	20 30	13 43	5 17	12 8	3 50	25 8	1 59	10 38	0 41	18 30	0 40	21 32	1 23	15 8	0 21	19 40	0 0	15 23	7 16	21 53	21 57	4 16	2 16	4 27	T 17
F 18	20 41	8 56	5 11	12 9	3 53	24 54	1 47	10 54	0 41	18 34	0 40	21 32	1 23	15 9	0 21	19 40	0s 0	15 23	7 16	21 53	21 57	4 19	2 16	4 26	F 18
S 19	20 53	3 53	4 52	12 12	3 55	24 41	1 35	11 10	0 40	18 37	0 40	21 32	1 23	15 10	0 21	19 40	0 0	15 23	7 16	21 52	21 56	4 22	2 17	4 25	S 19
S 20	21 4	1s16	4 21	12 17	3 56	24 26	1 23	11 25	0 40	18 40	0 40	21 31	1 23	15 11	0 21	19 40	0 0	15 23	7 16	21 52	21 56	4 25	2 17	4 25	S 20
M21	21 14	6 23	3 39	12 24	3 56	24 11	1 10	11 41	0 39	18 44	0 40	21 31	1 23	15 12	0 21	19 41	0 0	15 23	7 16	21 52	21 55	4 28	2 17	4 24	M21
T 22	21 24	11 19	2 47	12 33	3 55	23 55	0 57	11 57	0 39	18 47	0 40	21 30	1 23	15 13	0 21	19 41	0 0	15 23	7 15	21 52	21 55	4 31	2 17	4 23	T 22
W23	21 34	15 51	1 47	12 45	3 53	23 38	0 44	12 12	0 38	18 50	0 40	21 30	1 23	15 14	0 21	19 41	0 0	15 23	7 15	21 52	21 54	4 34	2 17	4 22	W23
T 24	21 44	19 49	0 42	12 58	3 50	23 22	0 30	12 27	0 38	18 54	0 40	21 30	1 23	15 15	0 21	19 41	0 0	15 23	7 15	21 52	21 54	4 37	2 17	4 22	T 24
F 25	21 53	22 58	0s26	13 14	3 46	23 4	0 17	12 42	0 37	18 57	0 40	21 29	1 23	15 16	0 21	19 41	0 0	15 22	7 15	21 52	21 53	4 40	2 16	4 21	F 25
S 26	22 2	25 4	1 34	13 31	3 41	22 46	0 3	12 57	0 36	19 0	0 40	21 29	1 23	15 17	0 21	19 41	0 0	15 22	7 15	21 52	21 53	4 43	2 16	4 20	S 26
S 27	22 10	25 55	2 38	13 50	3 36	22 28	0s11	13 12	0 36	19 3	0 40	21 28	1 23	15 18	0 21	19 42	0 0	15 22	7 15	21 52	21 52	4 46	2 16	4 19	S 27
M28	22 18	25 24	3 36	14 10	3 30	22 10	0 26	13 27	0 35	19 7	0 40	21 28	1 23	15 19	0 21	19 42	0 0	15 22	7 15	21 52	21 52	4 49	2 16	4 19	M28
T 29	22 25	23 28	4 23	14 32	3 23	21 51	0 40	13 42	0 35	19 10	0 40	21 28	1 23	15 20	0 21	19 42	0 0	15 22	7 15	21 52	21 51	4 53	2 16	4 18	T 29
W30	22 33	20 13	4 57	14 55	3 15	21 33	0 54	13 56	0 34	19 13	0 40	21 27	1 23	15 21	0 21	19 42	0 0	15 22	7 15	21 52	21 51	4 56	2 15	4 17	W30
T 31	22n40	15s50	5s15	15n20	3s 7	21n14	1s 8	14n11	0s33	19n16	0s39	21s27	1n22	15n22	0s21	19s43	0s 0	15s22	7n15	21n52	21n50	4s59	2n15	4s17	T 31

Julian Day Number = 2092272.5, Delta T = 23m06s
Ecliptic obliquity = 23°34'03, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'47, Lahiri = 10°08'47 Julian Calendar 1 May 1016 == Greg. Calendar 7 May 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

JUNE 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 0 16	15♊25'54	15♓34	23♉ 4	11°R23	10♉ 7	28♉37	15°R49	12♉37	2°R29	13°R36	8°D39	8♊26	21♎43	14♍24	F 1
S 2	17 4 12	16°23'06	29°42	24°16	10♊46	10°50	28°51	15♐45	12°40	2♒28	13♐34	8♊40	8°23	21°49	14°27	S 2
S 3	17 8 9	17°20'17	14♈ 4	25°32	10°10	11°33	29° 4	15°40	12°43	2°27	13°33	8°40	8°19	21°56	14°30	S 3
M 4	17 12 5	18°17'29	28°35	26°51	9°36	12°16	29°18	15°36	12°46	2°26	13°31	8°41	8°16	22° 3	14°33	M 4
T 5	17 16 2	19°14'40	13♉11	28°14	9° 3	12°59	29°31	15°31	12°49	2°25	13°30	8°42	8°13	22° 9	14°36	T 5
W 6	17 19 59	20°11'52	27°47	29°40	8°31	13°41	29°45	15°27	12°51	2°24	13°28	8°42	8°10	22°16	14°39	W 6
T 7	17 23 55	21° 9'03	12♊18	1♊ 9	8° 1	14°24	29°59	15°22	12°54	2°23	13°26	8°R42	8° 7	22°23	14°43	T 7
F 8	17 27 52	22° 6'14	26°37	2°42	7°32	15° 6	0♊12	15°18	12°57	2°22	13°25	8°42	8° 3	22°30	14°46	F 8
S 9	17 31 48	23° 3'26	10♋40	4°18	7° 6	15°49	0°25	15°14	13° 0	2°21	13°23	8°41	8° 0	22°36	14°50	S 9
S 10	17 35 45	24° 0'37	24°22	5°58	6°41	16°31	0°39	15° 9	13° 3	2°20	13°22	8°39	7°57	22°43	14°54	S 10
M11	17 39 41	24°57'48	7♌43	7°40	6°19	17°14	0°52	15° 5	13° 6	2°18	13°20	8°37	7°54	22°50	14°57	M11
T 12	17 43 38	25°54'58	20°41	9°26	5°59	17°56	1° 5	15° 1	13° 9	2°17	13°19	8°34	7°51	22°56	15° 1	T 12
W13	17 47 35	26°52'08	3♍18	11°15	5°41	18°38	1°19	14°56	13°11	2°16	13°17	8°33	7°48	23° 3	15° 5	W13
T 14	17 51 31	27°49'18	15°37	13° 6	5°25	19°20	1°32	14°52	13°14	2°15	13°16	8°31	7°44	23°10	15° 9	T 14
F 15	17 55 28	28°46'28	27°43	15° 1	5°12	20° 2	1°45	14°48	13°17	2°13	13°14	8°D31	7°41	23°16	15°14	F 15
S 16	17 59 24	29°43'37	9♎39	16°58	5° 1	20°44	1°58	14°44	13°19	2°12	13°13	8°31	7°38	23°23	15°18	S 16
S 17	18 3 21	0♋40'47	21°30	18°57	4°52	21°26	2°11	14°40	13°22	2°11	13°11	8°32	7°35	23°30	15°22	S 17
M18	18 7 17	1°37'56	3♏22	20°59	4°46	22° 8	2°24	14°35	13°25	2° 9	13°10	8°34	7°32	23°36	15°27	M18
T 19	18 11 14	2°35'06	15°18	23° 2	4°43	22°50	2°37	14°31	13°27	2° 8	13° 8	8°35	7°28	23°43	15°31	T 19
W20	18 15 10	3°32'15	27°22	25° 7	4°D41	23°32	2°50	14°27	13°30	2° 7	13° 7	8°37	7°25	23°50	15°36	W20
T 21	18 19 7	4°29'25	9♐38	27°14	4°42	24°13	3° 3	14°23	13°32	2° 5	13° 5	8°R37	7°22	23°56	15°41	T 21
F 22	18 23 4	5°26'34	22° 8	29°21	4°45	24°55	3°16	14°19	13°35	2° 4	13° 4	8°36	7°19	24° 3	15°46	F 22
S 23	18 27 0	6°23'44	4♑54	1♋29	4°51	25°36	3°29	14°15	13°37	2° 2	13° 3	8°34	7°16	24°10	15°50	S 23
S 24	18 30 57	7°20'55	17°56	3°38	4°58	26°18	3°42	14°11	13°40	2° 1	13° 1	8°31	7°13	24°16	15°55	S 24
M25	18 34 53	8°18'06	1♒14	5°47	5° 8	26°59	3°54	14° 8	13°42	2° 0	13° 0	8°27	7° 9	24°23	16° 1	M25
T 26	18 38 50	9°15'17	14°46	7°56	5°20	27°40	4° 7	14° 4	13°44	1°58	12°59	8°22	7° 6	24°30	16° 6	T 26
W27	18 42 46	10°12'29	28°31	10° 4	5°34	28°22	4°19	14° 0	13°46	1°57	12°57	8°18	7° 3	24°37	16°11	W27
T 28	18 46 43	11° 9'41	12♓25	12°12	5°50	29° 3	4°32	13°56	13°49	1°55	12°56	8°14	7° 0	24°43	16°16	T 28
F 29	18 50 39	12° 6'55	26°27	14°19	6° 8	29°44	4°44	13°53	13°51	1°54	12°54	8°12	6°57	24°50	16°22	F 29
S 30	18 54 36	13♋ 4'09	10♈35	16♋24	6♊27	0♊25	4♊57	13♐49	13♉53	1♒52	12♐53	8°D11	6♊54	24♎57	16♍27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n46	10s33	5s15	15n46	2s59	20n55	1s21	14n25	0s33	19n19	0s39	21s27	1n22	15n23	0s21	19s43	0s 0	15s22	7n15	21n52	21n50	5s 2	2n14	4s16
S 2	22 52	4 38	4 56	16 12	2 49	20 37	1 35	14 39	0 32	19 22	0 39	21 26	1 22	15 23	0 21	19 43	0 0	15 22	7 14	21 52	21 49	5 5	2 14	4 15
S 3	22 58	1n36	4 19	16 40	2 40	20 19	1 48	14 53	0 31	19 25	0 39	21 26	1 22	15 24	0 21	19 43	0 0	15 22	7 14	21 52	21 49	5 8	2 13	4 14
M 4	23 3	7 50	3 24	17 8	2 30	20 1	2 1	15 7	0 31	19 28	0 39	21 25	1 22	15 25	0 21	19 43	0 0	15 22	7 14	21 52	21 48	5 11	2 13	4 14
T 5	23 8	13 42	2 17	17 37	2 19	19 43	2 14	15 20	0 30	19 31	0 39	21 25	1 22	15 26	0 21	19 44	0 0	15 22	7 14	21 52	21 48	5 14	2 12	4 13
W 6	23 12	18 48	1 0	18 6	2 8	19 26	2 26	15 34	0 30	19 34	0 39	21 25	1 22	15 27	0 21	19 44	0 0	15 21	7 14	21 52	21 47	5 17	2 12	4 12
T 7	23 16	22 43	0n20	18 35	1 57	19 10	2 38	15 47	0 29	19 37	0 39	21 24	1 22	15 28	0 21	19 44	0 0	15 21	7 14	21 52	21 47	5 20	2 11	4 12
F 8	23 20	25 9	1 38	19 5	1 46	18 54	2 49	16 0	0 28	19 40	0 39	21 24	1 22	15 29	0 21	19 45	0 0	15 21	7 14	21 52	21 46	5 23	2 10	4 11
S 9	23 23	25 55	2 48	19 35	1 34	18 39	3 0	16 13	0 28	19 43	0 39	21 23	1 22	15 30	0 21	19 45	0 0	15 21	7 14	21 52	21 46	5 26	2 10	4 10
S 10	23 26	25 4	3 46	20 4	1 22	18 25	3 10	16 26	0 27	19 46	0 39	21 23	1 22	15 31	0 21	19 45	0 0	15 21	7 13	21 52	21 45	5 29	2 9	4 10
M11	23 28	22 48	4 31	20 33	1 10	18 12	3 20	16 39	0 26	19 48	0 39	21 23	1 22	15 31	0 21	19 45	0 0	15 21	7 13	21 51	21 45	5 32	2 8	4 9
T 12	23 30	19 25	5 0	21 2	0 58	17 59	3 29	16 51	0 26	19 51	0 39	21 22	1 21	15 32	0 21	19 46	0 0	15 21	7 13	21 51	21 44	5 35	2 7	4 8
W13	23 32	15 13	5 14	21 30	0 46	17 47	3 38	17 4	0 25	19 54	0 39	21 22	1 21	15 33	0 21	19 46	0 0	15 21	7 13	21 51	21 44	5 38	2 6	4 8
T 14	23 33	10 30	5 13	21 56	0 34	17 37	3 46	17 16	0 24	19 57	0 39	21 22	1 21	15 34	0 21	19 46	0 0	15 21	7 13	21 51	21 43	5 41	2 5	4 7
F 15	23 34	5 28	4 58	22 22	0 22	17 27	3 54	17 28	0 24	19 59	0 39	21 21	1 21	15 35	0 21	19 47	0 0	15 21	7 13	21 50	21 43	5 44	2 4	4 6
S 16	23 34	0 18	4 30	22 46	0 10	17 18	4 1	17 40	0 23	20 2	0 39	21 21	1 21	15 36	0 21	19 47	0 0	15 21	7 12	21 51	21 42	5 47	2 3	4 6
S 17	23 34	4s51	3 51	23 8	0n 2	17 10	4 8	17 52	0 22	20 5	0 39	21 20	1 21	15 36	0 21	19 47	0 0	15 21	7 12	21 51	21 41	5 50	2 2	4 5
M18	23 33	9 51	3 2	23 28	0 13	17 3	4 14	18 3	0 22	20 7	0 39	21 20	1 21	15 37	0 21	19 47	0 0	15 21	7 12	21 51	21 41	5 54	2 1	4 4
T 19	23 33	14 31	2 5	23 47	0 24	16 56	4 19	18 14	0 21	20 10	0 39	21 20	1 21	15 38	0 21	19 48	0 0	15 21	7 12	21 51	21 40	5 57	2 0	4 4
W20	23 31	18 41	1 1	24 2	0 34	16 51	4 25	18 26	0 20	20 13	0 39	21 19	1 21	15 39	0 21	19 48	0 0	15 21	7 12	21 51	21 40	6 0	1 58	4 3
T 21	23 29	22 6	0s 6	24 16	0 44	16 47	4 29	18 37	0 20	20 15	0 39	21 19	1 20	15 39	0 21	19 48	0 0	15 21	7 12	21 51	21 39	6 3	1 57	4 2
F 22	23 27	24 33	1 14	24 27	0 53	16 43	4 34	18 48	0 19	20 18	0 38	21 19	1 20	15 40	0 21	19 49	0 0	15 21	7 11	21 51	21 39	6 6	1 56	4 2
S 23	23 25	25 48	2 19	24 35	1 2	16 40	4 37	18 58	0 18	20 20	0 38	21 18	1 20	15 41	0 21	19 49	0 0	15 21	7 11	21 51	21 38	6 9	1 55	4 1
S 24	23 22	25 39	3 19	24 41	1 10	16 38	4 41	19 9	0 17	20 22	0 38	21 18	1 20	15 42	0 21	19 49	0 0	15 21	7 11	21 51	21 38	6 12	1 53	4 1
M25	23 18	24 2	4 9	24 43	1 17	16 37	4 44	19 19	0 17	20 25	0 38	21 18	1 20	15 42	0 21	19 50	0 0	15 21	7 11	21 50	21 37	6 15	1 52	4 0
T 26	23 15	21 3	4 46	24 43	1 23	16 37	4 46	19 29	0 16	20 27	0 38	21 17	1 20	15 43	0 21	19 50	0 0	15 21	7 11	21 49	21 37	6 18	1 50	3 59
W27	23 10	16 51	5 7	24 40	1 29	16 37	4 48	19 39	0 15	20 30	0 38	21 17	1 20	15 44	0 21	19 50	0 0	15 21	7 10	21 48	21 36	6 21	1 49	3 59
T 28	23 6	11 43	5 11	24 34	1 34	16 38	4 50	19 49	0 15	20 32	0 38	21 17	1 19	15 44	0 21	19 51	0 1	15 21	7 10	21 48	21 36	6 24	1 47	3 58
F 29	23 1	5 56	4 56	24 26	1 38	16 39	4 52	19 59	0 14	20 34	0 38	21 17	1 19	15 45	0 21	19 51	0 1	15 22	7 10	21 47	21 35	6 27	1 46	3 57
S 30	22n55	0n11	4s24	24n14	1n42	16n42	4s53	20n 8	0s13	20n37	0s38	21s16	1n19	15n46	0s21	19s52	0s 1	15s22	7n10	21n47	21n35	6s30	1n44	3s57

Julian Day Number = 2092303.5, Delta T = 23m05s
Ecliptic obliquity = 23°34'03, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'51, Lahiri = 10°08'52 Julian Calendar 1 June 1016 == Greg. Calendar 7 June 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

JULY 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 58 33	14♋ 1'24	24♈47	18♋29	6♊49	1♊ 6	5♊ 9	13°R46	13♉55	1°R51	12°R52	8♊11	6♊50	25♎ 3	16♍33	S 1
M 2	19 2 29	14°58'40	9♉ 1	20°33	7°12	1°47	5°21	13♐42	13°57	1♒49	12♐51	8°12	6°47	25°10	16°39	M 2
T 3	19 6 26	15°55'57	23°14	22°35	7°37	2°28	5°33	13°39	13°59	1°48	12°49	8°14	6°44	25°17	16°44	T 3
W 4	19 10 22	16°53'15	7♊24	24°36	8° 3	3° 9	5°46	13°35	14° 1	1°46	12°48	8°R14	6°41	25°23	16°50	W 4
T 5	19 14 19	17°50'34	21°29	26°35	8°31	3°49	5°58	13°32	14° 3	1°44	12°47	8°14	6°38	25°30	16°56	T 5
F 6	19 18 15	18°47'54	5♋25	28°32	9° 1	4°30	6°10	13°29	14° 5	1°43	12°46	8°11	6°35	25°37	17° 2	F 6
S 7	19 22 12	19°45'14	19° 9	0♌28	9°32	5°11	6°21	13°26	14° 7	1°41	12°45	8° 7	6°31	25°43	17° 8	S 7
S 8	19 26 8	20°42'36	2♌38	2°23	10° 4	5°51	6°33	13°23	14° 9	1°40	12°43	8° 0	6°28	25°50	17°14	S 8
M 9	19 30 5	21°39'58	15°49	4°16	10°38	6°32	6°45	13°20	14°11	1°38	12°42	7°53	6°25	25°57	17°20	M 9
T 10	19 34 2	22°37'21	28°42	6° 7	11°13	7°12	6°57	13°17	14°13	1°36	12°41	7°46	6°22	26° 3	17°27	T 10
W11	19 37 58	23°34'44	11♍17	7°56	11°49	7°52	7° 8	13°14	14°14	1°35	12°40	7°39	6°19	26°10	17°33	W11
T 12	19 41 55	24°32'08	23°35	9°44	12°26	8°32	7°20	13°11	14°16	1°33	12°39	7°33	6°15	26°17	17°39	T 12
F 13	19 45 51	25°29'33	5♎40	11°30	13° 5	9°13	7°31	13° 8	14°18	1°32	12°38	7°29	6°12	26°23	17°46	F 13
S 14	19 49 48	26°26'59	17°36	13°15	13°44	9°53	7°43	13° 6	14°19	1°30	12°37	7°27	6° 9	26°30	17°53	S 14
S 15	19 53 44	27°24'25	29°27	14°57	14°25	10°33	7°54	13° 3	14°21	1°28	12°36	7°D26	6° 6	26°37	17°59	S 15
M16	19 57 41	28°21'53	11♏18	16°39	15° 6	11°13	8° 5	13° 1	14°22	1°27	12°35	7°27	6° 3	26°43	18° 6	M16
T 17	20 1 37	29°19'21	23°14	18°18	15°49	11°52	8°16	12°58	14°24	1°25	12°34	7°28	6° 0	26°50	18°13	T 17
W18	20 5 34	0♌16'50	5♐22	19°56	16°33	12°32	8°27	12°56	14°25	1°23	12°33	7°R29	5°56	26°57	18°19	W18
T 19	20 9 31	1°14'20	17°44	21°33	17°17	13°12	8°38	12°54	14°26	1°22	12°32	7°28	5°53	27° 3	18°26	T 19
F 20	20 13 27	2°11'50	0♑24	23° 8	18° 3	13°51	8°49	12°52	14°28	1°20	12°31	7°26	5°50	27°10	18°33	F 20
S 21	20 17 24	3° 9'22	13°25	24°41	18°49	14°31	9° 0	12°50	14°29	1°19	12°30	7°21	5°47	27°17	18°40	S 21
S 22	20 21 20	4° 6'55	26°47	26°13	19°36	15°10	9°10	12°48	14°30	1°17	12°30	7°14	5°44	27°24	18°47	S 22
M23	20 25 17	5° 4'30	10♒30	27°43	20°24	15°50	9°21	12°46	14°31	1°15	12°29	7° 6	5°40	27°30	18°54	M23
T 24	20 29 13	6° 2'05	24°28	29°11	21°13	16°29	9°31	12°44	14°32	1°14	12°28	6°57	5°37	27°37	19° 2	T 24
W25	20 33 10	6°59'42	8♓40	0♍38	22° 2	17° 8	9°41	12°43	14°33	1°12	12°27	6°47	5°34	27°44	19° 9	W25
T 26	20 37 6	7°57'20	22°58	2° 3	22°52	17°47	9°52	12°41	14°34	1°10	12°27	6°39	5°31	27°50	19°16	T 26
F 27	20 41 3	8°55'00	7♈18	3°27	23°43	18°26	10° 2	12°39	14°35	1° 9	12°26	6°34	5°28	27°57	19°23	F 27
S 28	20 45 0	9°52'41	21°36	4°49	24°34	19° 5	10°12	12°38	14°36	1° 7	12°25	6°30	5°25	28° 4	19°31	S 28
S 29	20 48 56	10°50'24	5♉49	6° 9	25°27	19°44	10°22	12°37	14°37	1° 6	12°25	6°D29	5°21	28°10	19°38	S 29
M30	20 52 53	11°48'09	19°54	7°27	26°19	20°23	10°32	12°35	14°38	1° 4	12°24	6°29	5°18	28°17	19°46	M30
T 31	20 56 49	12♌45'56	3♊52	8♍44	27♊13	21♊ 2	10♊41	12♐34	14♉39	1♒ 2	12♐23	6°R29	5♊15	28♎24	19♍53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n49	6n19	3s35	24n 1	1n45	16n44	4s54	20n17	0s12	20n39	0s38	21s16	1n19	15n46	0s21	19s52	0s 1	15s22	7n 9	21n47	21n34	6s33	1n43	3s56
M 2	22 43	12 10	2 32	23 45	1 47	16 48	4 54	20 26	0 12	20 41	0 38	21 16	1 19	15 47	0 21	19 52	0 1	15 22	7 9	21 48	21 34	6 36	1 41	3 56
T 3	22 37	17 23	1 21	23 27	1 48	16 51	4 54	20 35	0 11	20 43	0 38	21 15	1 19	15 47	0 21	19 53	0 1	15 22	7 9	21 48	21 33	6 39	1 39	3 55
W 4	22 30	21 35	0 5	23 6	1 49	16 56	4 54	20 44	0 10	20 45	0 38	21 15	1 19	15 48	0 21	19 53	0 1	15 22	7 9	21 48	21 32	6 42	1 38	3 54
T 5	22 22	24 29	1n11	22 44	1 49	17 0	4 54	20 53	0 9	20 48	0 38	21 15	1 18	15 49	0 21	19 53	0 1	15 22	7 9	21 48	21 32	6 45	1 36	3 54
F 6	22 14	25 49	2 22	22 20	1 48	17 5	4 53	21 1	0 9	20 50	0 38	21 15	1 18	15 49	0 21	19 54	0 1	15 22	7 8	21 47	21 31	6 48	1 34	3 53
S 7	22 6	25 33	3 23	21 54	1 47	17 11	4 52	21 9	0 8	20 52	0 38	21 15	1 18	15 50	0 21	19 54	0 1	15 22	7 8	21 47	21 31	6 51	1 32	3 53
S 8	21 58	23 46	4 12	21 26	1 45	17 16	4 51	21 17	0 7	20 54	0 38	21 14	1 18	15 50	0 21	19 54	0 1	15 22	7 8	21 46	21 30	6 54	1 30	3 52
M 9	21 49	20 43	4 46	20 58	1 43	17 22	4 50	21 25	0 6	20 56	0 38	21 14	1 18	15 51	0 21	19 55	0 1	15 22	7 8	21 44	21 30	6 58	1 28	3 52
T 10	21 39	16 44	5 4	20 27	1 40	17 29	4 49	21 32	0 6	20 58	0 38	21 14	1 18	15 51	0 21	19 55	0 1	15 23	7 7	21 43	21 29	7 1	1 26	3 51
W11	21 30	12 6	5 8	19 56	1 36	17 35	4 47	21 40	0 5	21 0	0 38	21 14	1 17	15 52	0 21	19 56	0 1	15 23	7 7	21 42	21 29	7 4	1 24	3 51
T 12	21 20	7 5	4 56	19 23	1 32	17 42	4 45	21 47	0 4	21 2	0 38	21 14	1 17	15 52	0 21	19 56	0 1	15 23	7 7	21 41	21 28	7 7	1 22	3 50
F 13	21 9	1 54	4 32	18 50	1 28	17 49	4 43	21 54	0 3	21 4	0 38	21 13	1 17	15 53	0 21	19 56	0 1	15 23	7 7	21 41	21 28	7 10	1 20	3 49
S 14	20 59	3s18	3 56	18 16	1 23	17 56	4 41	22 1	0 2	21 5	0 38	21 13	1 17	15 53	0 21	19 57	0 1	15 23	7 6	21 40	21 27	7 13	1 18	3 49
S 15	20 47	8 22	3 10	17 41	1 18	18 3	4 38	22 7	0 2	21 7	0 38	21 13	1 17	15 54	0 21	19 57	0 1	15 23	7 6	21 40	21 26	7 16	1 16	3 48
M16	20 36	13 8	2 16	17 5	1 12	18 10	4 36	22 14	0 1	21 9	0 38	21 13	1 17	15 54	0 21	19 57	0 1	15 23	7 6	21 40	21 26	7 19	1 14	3 48
T 17	20 24	17 27	1 16	16 28	1 6	18 17	4 33	22 20	0 0	21 11	0 38	21 13	1 16	15 55	0 21	19 58	0 1	15 23	7 5	21 40	21 25	7 22	1 12	3 47
W18	20 12	21 7	0 11	15 51	1 0	18 24	4 30	22 26	0n 1	21 13	0 38	21 13	1 16	15 55	0 21	19 58	0 1	15 24	7 5	21 41	21 25	7 25	1 10	3 47
T 19	19 59	23 54	0s55	15 14	0 53	18 32	4 27	22 32	0 2	21 14	0 38	21 13	1 16	15 55	0 21	19 58	0 1	15 24	7 5	21 40	21 24	7 28	1 8	3 46
F 20	19 47	25 34	2 0	14 36	0 46	18 39	4 24	22 37	0 2	21 16	0 38	21 12	1 16	15 56	0 21	19 59	0 1	15 24	7 5	21 40	21 24	7 31	1 5	3 46
S 21	19 33	25 53	3 0	13 58	0 39	18 46	4 21	22 43	0 3	21 18	0 38	21 12	1 16	15 56	0 21	19 59	0 1	15 24	7 4	21 39	21 23	7 34	1 3	3 45
S 22	19 20	24 43	3 52	13 20	0 31	18 53	4 17	22 48	0 4	21 19	0 38	21 12	1 16	15 56	0 21	20 0	0 1	15 24	7 4	21 38	21 23	7 37	1 1	3 45
M23	19 6	22 4	4 32	12 42	0 23	19 0	4 14	22 53	0 5	21 21	0 38	21 12	1 15	15 57	0 21	20 0	0 1	15 24	7 4	21 37	21 22	7 40	0 58	3 44
T 24	18 52	18 6	4 57	12 3	0 15	19 7	4 10	22 58	0 6	21 22	0 38	21 12	1 15	15 57	0 21	20 0	0 1	15 25	7 3	21 35	21 21	7 43	0 56	3 44
W25	18 37	13 3	5 4	11 25	0 7	19 14	4 6	23 3	0 6	21 24	0 38	21 12	1 15	15 57	0 21	20 1	0 1	15 25	7 3	21 34	21 21	7 46	0 54	3 43
T 26	18 23	7 16	4 52	10 46	0s 2	19 20	4 3	23 7	0 7	21 26	0 38	21 12	1 15	15 58	0 21	20 1	0 1	15 25	7 3	21 32	21 20	7 49	0 51	3 43
F 27	18 8	1 6	4 22	10 8	0 10	19 27	3 59	23 12	0 8	21 27	0 38	21 12	1 15	15 58	0 21	20 1	0 1	15 25	7 3	21 31	21 20	7 52	0 49	3 43
S 28	17 52	5n 8	3 35	9 30	0 19	19 33	3 55	23 16	0 9	21 29	0 38	21 12	1 14	15 58	0 21	20 2	0 1	15 26	7 2	21 31	21 19	7 55	0 46	3 42
S 29	17 36	11 5	2 36	8 52	0 28	19 39	3 51	23 20	0 10	21 30	0 38	21 12	1 14	15 58	0 21	20 2	0 1	15 26	7 2	21 30	21 19	7 58	0 44	3 42
M30	17 20	16 25	1 27	8 14	0 38	19 45	3 46	23 24	0 11	21 31	0 38	21 12	1 14	15 59	0 21	20 3	0 1	15 26	7 2	21 30	21 18	8 1	0 41	3 41
T 31	17n 4	20n49	0s14	7n37	0s47	19n50	3s42	23n27	0n11	21n33	0s38	21s12	1n14	15n59	0s21	20s 3	0s 1	15s26	7n 1	21n30	21n17	8s 4	0n39	3s41

Julian Day Number = 2092333.5, Delta T = 23m05s
Ecliptic obliquity = 23°34'03, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'55, Lahiri = 10°08'56 Julian Calendar 1 July 1016 == Greg. Calendar 7 July 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

AUGUST 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 0 46	13♌43'44	17♊42	9♍58	28♊ 7	21♊41	10♊51	12°R33	14♉40	1°R 1	12°R23	6°R29	5♊12	28♎30	20♍ 1	W 1
T 2	21 4 42	14°41'35	1♋23	11°11	29° 1	22°19	11° 0	12♐32	14°40	0♒59	12♐22	6♊26	5° 9	28°37	20° 8	T 2
F 3	21 8 39	15°39'27	14°54	12°22	29°56	22°58	11°10	12°31	14°41	0°58	12°22	6°22	5° 6	28°44	20°16	F 3
S 4	21 12 35	16°37'20	28°15	13°30	0♋52	23°36	11°19	12°31	14°41	0°56	12°21	6°14	5° 2	28°50	20°24	S 4
S 5	21 16 32	17°35'16	11♌23	14°37	1°48	24°15	11°28	12°30	14°42	0°55	12°21	6° 4	4°59	28°57	20°32	S 5
M 6	21 20 29	18°33'12	24°18	15°41	2°45	24°53	11°37	12°29	14°42	0°53	12°21	5°52	4°56	29° 4	20°39	M 6
T 7	21 24 25	19°31'11	6♍59	16°43	3°42	25°31	11°46	12°29	14°43	0°52	12°20	5°39	4°53	29°10	20°47	T 7
W 8	21 28 22	20°29'11	19°26	17°42	4°39	26° 9	11°55	12°29	14°43	0°50	12°20	5°27	4°50	29°17	20°55	W 8
T 9	21 32 18	21°27'12	1♎39	18°38	5°37	26°47	12° 3	12°28	14°44	0°48	12°20	5°17	4°46	29°24	21° 3	T 9
F 10	21 36 15	22°25'15	13°41	19°32	6°36	27°25	12°12	12°28	14°44	0°47	12°19	5° 9	4°43	29°30	21°11	F 10
S 11	21 40 11	23°23'19	25°34	20°22	7°34	28° 3	12°20	12°D28	14°44	0°45	12°19	5° 3	4°40	29°37	21°19	S 11
S 12	21 44 8	24°21'25	7♏23	21°10	8°34	28°40	12°28	12°28	14°44	0°44	12°19	5° 0	4°37	29°44	21°27	S 12
M13	21 48 4	25°19'32	19°12	21°53	9°33	29°18	12°36	12°28	14°44	0°43	12°19	4°59	4°34	29°50	21°35	M13
T 14	21 52 1	26°17'41	1♐ 7	22°34	10°33	29°56	12°44	12°28	14°44	0°41	12°18	4°59	4°31	29°57	21°43	T 14
W15	21 55 58	27°15'52	13°14	23°10	11°34	0♋33	12°52	12°29	14°R44	0°40	12°18	4°59	4°27	0♏ 4	21°52	W15
T 16	21 59 54	28°14'04	25°37	23°42	12°34	1°10	13° 0	12°29	14°44	0°38	12°18	4°58	4°24	0°10	22° 0	T 16
F 17	22 3 51	29°12'17	8♑21	24°10	13°35	1°48	13° 7	12°30	14°44	0°37	12°18	4°54	4°21	0°17	22° 8	F 17
S 18	22 7 47	0♍10'33	21°30	24°33	14°37	2°25	13°15	12°30	14°44	0°36	12°D18	4°48	4°18	0°24	22°16	S 18
S 19	22 11 44	1° 8'49	5♒ 4	24°50	15°39	3° 2	13°22	12°31	14°44	0°34	12°18	4°40	4°15	0°30	22°25	S 19
M20	22 15 40	2° 7'08	19° 4	25° 3	16°41	3°39	13°29	12°32	14°44	0°33	12°18	4°29	4°12	0°37	22°33	M20
T 21	22 19 37	3° 5'28	3♓26	25°10	17°43	4°16	13°36	12°32	14°43	0°32	12°18	4°18	4° 8	0°44	22°41	T 21
W22	22 23 33	4° 3'50	18° 3	25°R10	18°46	4°53	13°43	12°33	14°43	0°30	12°18	4° 6	4° 5	0°50	22°50	W22
T 23	22 27 30	5° 2'14	2♈47	25° 5	19°49	5°29	13°50	12°35	14°43	0°29	12°18	3°56	4° 2	0°57	22°58	T 23
F 24	22 31 27	6° 0'40	17°31	24°52	20°52	6° 6	13°56	12°36	14°42	0°28	12°19	3°49	3°59	1° 4	23° 6	F 24
S 25	22 35 23	6°59'08	2♉ 9	24°34	21°56	6°42	14° 3	12°37	14°42	0°26	12°19	3°44	3°56	1°10	23°15	S 25
S 26	22 39 20	7°57'39	16°33	24° 8	23° 0	7°19	14° 9	12°38	14°41	0°25	12°19	3°41	3°52	1°17	23°23	S 26
M27	22 43 16	8°56'12	0♊43	23°35	24° 4	7°55	14°15	12°40	14°41	0°24	12°19	3°41	3°49	1°24	23°32	M27
T 28	22 47 13	9°54'47	14°37	22°56	25° 9	8°31	14°21	12°41	14°40	0°23	12°20	3°41	3°46	1°30	23°40	T 28
W29	22 51 9	10°53'24	28°16	22°10	26°13	9° 8	14°27	12°43	14°39	0°22	12°20	3°40	3°43	1°37	23°49	W29
T 30	22 55 6	11°52'04	11♋41	21°19	27°18	9°44	14°32	12°45	14°39	0°21	12°20	3°37	3°40	1°44	23°57	T 30
F 31	22 59 2	12♍50'46	24♋52	20♍22	28♋24	10♋19	14♊37	12♐47	14♉38	0♒19	12♐21	3♊32	3♊37	1♏50	24♍ 6	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n48	23n59	0n59	7n 0	0s56	19n55	3s38	23n31	0n12	21n34	0s38	21s12	1n14	15n59	0s21	20s 3	0s 1	15s26	7n 1	21n30	21n17	8s 7	0n36	3s40
T 2	16 31	25 42	2 8	6 24	1 6	20 0	3 34	23 34	0 13	21 35	0 38	21 12	1 14	15 59	0 21	20 4	0 1	15 27	7 1	21 30	21 16	8 10	0 33	3 40
F 3	16 14	25 52	3 9	5 48	1 16	20 5	3 29	23 37	0 14	21 37	0 38	21 12	1 13	15 59	0 21	20 4	0 1	15 27	7 0	21 29	21 16	8 13	0 31	3 39
S 4	15 56	24 31	3 58	5 12	1 25	20 9	3 25	23 40	0 15	21 38	0 38	21 13	1 13	16 0	0 21	20 4	0 1	15 27	7 0	21 28	21 15	8 16	0 28	3 39
S 5	15 39	21 51	4 34	4 38	1 35	20 13	3 20	23 42	0 16	21 39	0 38	21 13	1 13	16 0	0 21	20 5	0 1	15 27	7 0	21 26	21 15	8 19	0 26	3 39
M 6	15 21	18 7	4 55	4 4	1 45	20 17	3 16	23 45	0 17	21 41	0 38	21 13	1 13	16 0	0 21	20 5	0 1	15 28	7 0	21 24	21 14	8 22	0 23	3 38
T 7	15 3	13 39	5 1	3 31	1 55	20 20	3 11	23 47	0 17	21 42	0 38	21 13	1 13	16 0	0 21	20 5	0 1	15 28	6 59	21 22	21 13	8 25	0 20	3 38
W 8	14 44	8 41	4 52	2 59	2 5	20 23	3 6	23 49	0 18	21 43	0 38	21 13	1 12	16 0	0 21	20 6	0 1	15 28	6 59	21 20	21 13	8 29	0 17	3 37
T 9	14 26	3 28	4 30	2 28	2 14	20 26	3 1	23 51	0 19	21 44	0 38	21 13	1 12	16 0	0 21	20 6	0 1	15 28	6 59	21 18	21 12	8 32	0 15	3 37
F 10	14 7	1s48	3 57	1 58	2 24	20 28	2 57	23 53	0 20	21 45	0 38	21 13	1 12	16 0	0 21	20 6	0 1	15 29	6 58	21 16	21 12	8 35	0 12	3 37
S 11	13 48	6 57	3 13	1 29	2 33	20 29	2 52	23 54	0 21	21 46	0 38	21 13	1 12	16 0	0 21	20 7	0 1	15 29	6 58	21 15	21 11	8 38	0 9	3 36
S 12	13 28	11 50	2 21	1 2	2 43	20 31	2 47	23 55	0 22	21 47	0 38	21 14	1 12	16 0	0 21	20 7	0 1	15 29	6 58	21 15	21 11	8 41	0 6	3 36
M13	13 9	16 18	1 23	0 36	2 52	20 31	2 42	23 57	0 23	21 48	0 38	21 14	1 11	16 0	0 21	20 7	0 1	15 30	6 57	21 15	21 10	8 44	0 3	3 35
T 14	12 49	20 10	0 20	0 12	3 1	20 32	2 37	23 58	0 24	21 49	0 38	21 14	1 11	16 0	0 21	20 8	0 1	15 30	6 57	21 15	21 9	8 47	0 0	3 35
W15	12 29	23 14	0s44	0s11	3 10	20 32	2 33	23 59	0 25	21 50	0 38	21 14	1 11	16 0	0 21	20 8	0 1	15 30	6 57	21 15	21 9	8 50	0s 2	3 35
T 16	12 9	25 17	1 47	0 31	3 18	20 31	2 28	23 59	0 25	21 51	0 38	21 15	1 11	16 0	0 21	20 8	0 1	15 31	6 56	21 14	21 8	8 53	0 5	3 34
F 17	11 49	26 5	2 47	0 50	3 26	20 30	2 23	24 0	0 26	21 52	0 38	21 15	1 11	16 0	0 21	20 9	0 1	15 31	6 56	21 14	21 8	8 56	0 8	3 34
S 18	11 28	25 27	3 40	1 6	3 34	20 29	2 18	24 0	0 27	21 53	0 38	21 15	1 11	16 0	0 21	20 9	0 1	15 31	6 56	21 13	21 7	8 59	0 11	3 34
S 19	11 7	23 20	4 22	1 19	3 41	20 27	2 13	24 0	0 28	21 54	0 38	21 15	1 10	16 0	0 21	20 9	0 1	15 31	6 55	21 11	21 6	9 2	0 14	3 33
M20	10 47	19 46	4 50	1 30	3 47	20 24	2 8	24 0	0 29	21 55	0 38	21 16	1 10	16 0	0 21	20 10	0 1	15 32	6 55	21 9	21 6	9 5	0 17	3 33
T 21	10 26	14 57	5 0	1 38	3 53	20 21	2 3	24 0	0 30	21 56	0 38	21 16	1 10	16 0	0 21	20 10	0 1	15 32	6 55	21 7	21 5	9 8	0 20	3 33
W22	10 4	9 13	4 52	1 43	3 58	20 18	1 58	24 0	0 31	21 57	0 38	21 16	1 10	16 0	0 21	20 10	0 1	15 32	6 54	21 5	21 5	9 11	0 23	3 32
T 23	9 43	2 55	4 24	1 44	4 2	20 14	1 53	23 59	0 32	21 57	0 38	21 17	1 10	16 0	0 21	20 10	0 1	15 33	6 54	21 3	21 4	9 14	0 26	3 32
F 24	9 21	3n34	3 38	1 42	4 5	20 9	1 48	23 58	0 33	21 58	0 38	21 17	1 9	16 0	0 21	20 11	0 1	15 33	6 54	21 2	21 3	9 17	0 29	3 32
S 25	9 0	9 48	2 38	1 36	4 6	20 4	1 43	23 58	0 34	21 59	0 38	21 17	1 9	16 0	0 21	20 11	0 1	15 33	6 53	21 1	21 3	9 20	0 32	3 31
S 26	8 38	15 27	1 29	1 26	4 7	19 59	1 38	23 57	0 35	22 0	0 38	21 18	1 9	15 59	0 21	20 11	0 1	15 34	6 53	21 0	21 2	9 23	0 35	3 31
M27	8 16	20 9	0 16	1 12	4 5	19 53	1 33	23 55	0 36	22 0	0 38	21 18	1 9	15 59	0 21	20 12	0 1	15 34	6 53	21 0	21 2	9 26	0 38	3 31
T 28	7 54	23 38	0n58	0 53	4 2	19 46	1 28	23 54	0 37	22 1	0 38	21 18	1 9	15 59	0 21	20 12	0 1	15 35	6 52	21 0	21 1	9 29	0 42	3 30
W29	7 31	25 39	2 6	0 31	3 58	19 39	1 24	23 53	0 38	22 2	0 38	21 19	1 8	15 59	0 21	20 12	0 1	15 35	6 52	21 0	21 0	9 32	0 45	3 30
T 30	7 9	26 9	3 6	0 4	3 51	19 31	1 19	23 51	0 39	22 2	0 38	21 19	1 8	15 59	0 21	20 12	0 1	15 35	6 52	20 59	21 0	9 35	0 48	3 30
F 31	6n46	25n 8	3n56	0n26	3s43	19n23	1s14	23n49	0n40	22n 3	0s38	21s20	1n 8	15n58	0s21	20s13	0s 1	15s36	6n52	20n58	20n59	9s38	0s51	3s30

Julian Day Number = 2092364.5, Delta T = 23m04s
Ecliptic obliquity = 23°34'04, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°01'59, Lahiri = 10°09'00 Julian Calendar 1 Aug. 1016 == Greg. Calendar 7 Aug. 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

SEPTEMBER 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 2 59	13♍49'30	7♌52	19°R21	29♋29	10♋55	14♊43	12♐49	14°R37	0°R18	12♐21	3°R24	3♊33	1♏57	24♍15	S 1
S 2	23 6 56	14°48'16	20°40	18♍17	0♌35	11°31	14°48	12°51	14♉36	0♒17	12°22	3♊13	3°30	2° 4	24°23	S 2
M 3	23 10 52	15°47'05	3♍16	17°12	1°41	12° 7	14°53	12°53	14°35	0°16	12°22	3° 0	3°27	2°10	24°32	M 3
T 4	23 14 49	16°45'55	15°42	16° 6	2°47	12°42	14°57	12°55	14°34	0°15	12°23	2°47	3°24	2°17	24°40	T 4
W 5	23 18 45	17°44'48	27°57	15° 2	3°54	13°17	15° 2	12°57	14°33	0°14	12°23	2°34	3°21	2°24	24°49	W 5
T 6	23 22 42	18°43'42	10♎ 2	14° 1	5° 0	13°53	15° 6	13° 0	14°32	0°13	12°24	2°22	3°18	2°30	24°58	T 6
F 7	23 26 38	19°42'39	21°58	13° 5	6° 7	14°28	15°10	13° 2	14°31	0°12	12°24	2°13	3°14	2°37	25° 6	F 7
S 8	23 30 35	20°41'37	3♏48	12°16	7°14	15° 3	15°14	13° 5	14°30	0°12	12°25	2° 7	3°11	2°44	25°15	S 8
S 9	23 34 31	21°40'37	15°34	11°34	8°22	15°38	15°18	13° 7	14°29	0°11	12°26	2° 3	3° 8	2°50	25°24	S 9
M10	23 38 28	22°39'40	27°22	11° 1	9°29	16°12	15°22	13°10	14°27	0°10	12°26	2°D 2	3° 5	2°57	25°32	M10
T 11	23 42 24	23°38'44	9♐15	10°38	10°37	16°47	15°25	13°13	14°26	0° 9	12°27	2° 2	3° 2	3° 4	25°41	T 11
W12	23 46 21	24°37'50	21°19	10°24	11°44	17°21	15°29	13°16	14°25	0° 8	12°28	2°R 3	2°58	3°10	25°50	W12
T 13	23 50 18	25°36'58	3♑39	10°D22	12°52	17°56	15°32	13°19	14°23	0° 7	12°29	2° 2	2°55	3°17	25°58	T 13
F 14	23 54 14	26°36'07	16°21	10°30	14° 1	18°30	15°35	13°22	14°22	0° 7	12°29	2° 0	2°52	3°24	26° 7	F 14
S 15	23 58 11	27°35'19	29°28	10°48	15° 9	19° 4	15°37	13°25	14°21	0° 6	12°30	1°56	2°49	3°30	26°16	S 15
S 16	0 2 7	28°34'32	13♒ 4	11°16	16°18	19°38	15°40	13°29	14°19	0° 5	12°31	1°50	2°46	3°37	26°24	S 16
M17	0 6 4	29°33'47	27° 9	11°53	17°26	20°12	15°42	13°32	14°18	0° 5	12°32	1°42	2°43	3°44	26°33	M17
T 18	0 10 0	0♎33'04	11♓41	12°40	18°35	20°46	15°44	13°36	14°16	0° 4	12°33	1°32	2°39	3°50	26°42	T 18
W19	0 13 57	1°32'23	26°33	13°34	19°44	21°19	15°46	13°39	14°14	0° 4	12°34	1°23	2°36	3°57	26°50	W19
T 20	0 17 53	2°31'44	11♈37	14°36	20°54	21°53	15°48	13°43	14°13	0° 3	12°35	1°14	2°33	4° 4	26°59	T 20
F 21	0 21 50	3°31'07	26°44	15°44	22° 3	22°26	15°50	13°46	14°11	0° 2	12°36	1° 8	2°30	4°10	27° 8	F 21
S 22	0 25 47	4°30'32	11♉43	16°58	23°13	22°59	15°51	13°50	14° 9	0° 2	12°37	1° 4	2°27	4°17	27°16	S 22
S 23	0 29 43	5°30'00	26°27	18°17	24°22	23°32	15°52	13°54	14° 7	0° 2	12°38	1°D 3	2°23	4°24	27°25	S 23
M24	0 33 40	6°29'30	10♊51	19°41	25°32	24° 5	15°53	13°58	14° 6	0° 1	12°39	1° 3	2°20	4°30	27°33	M24
T 25	0 37 36	7°29'02	24°54	21° 8	26°42	24°38	15°54	14° 2	14° 4	0° 1	12°40	1° 4	2°17	4°37	27°42	T 25
W26	0 41 33	8°28'37	8♋34	22°38	27°52	25°11	15°55	14° 6	14° 2	0° 0	12°42	1°R 4	2°14	4°44	27°51	W26
T 27	0 45 29	9°28'15	21°53	24°11	29° 3	25°43	15°55	14°10	14° 0	0° 0	12°43	1° 3	2°11	4°50	27°59	T 27
F 28	0 49 26	10°27'54	4♌55	25°46	0♍13	26°15	15°R55	14°15	13°58	29♑59	12°44	1° 1	2° 8	4°57	28° 8	F 28
S 29	0 53 22	11°27'36	17°40	27°23	1°24	26°47	15°55	14°19	13°56	29°59	12°45	0°56	2° 4	5° 4	28°16	S 29
S 30	0 57 19	12♎27'20	0♍12	29♍ 1	2♍34	27♋19	15♊55	14♐23	13♉54	29♑59	12♐47	0♊49	2♊ 1	5♏10	28♍25	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n24	22n46	4n32	0n59	3s32	19n15	1s 9	23n47	0n41	22n 4	0s38	21s20	1n 8	15n58	0s21	20s13	0s 1	15s36	6n51	20n57	20n59	9s41	0s54	3s29
S 2	6 1	19 19	4 54	1 36	3 20	19 5	1 4	23 45	0 42	22 4	0 38	21 20	1 8	15 58	0 21	20 13	0 1	15 36	6 51	20 55	20 58	9 44	0 57	3 29
M 3	5 38	15 1	5 1	2 14	3 5	18 56	0 59	23 43	0 43	22 5	0 38	21 21	1 8	15 58	0 21	20 13	0 1	15 37	6 51	20 52	20 57	9 47	1 0	3 29
T 4	5 15	10 10	4 53	2 55	2 49	18 45	0 55	23 41	0 44	22 5	0 38	21 21	1 7	15 57	0 21	20 14	0 1	15 37	6 50	20 50	20 57	9 50	1 4	3 29
W 5	4 52	4 59	4 32	3 36	2 32	18 34	0 50	23 38	0 45	22 6	0 38	21 22	1 7	15 57	0 21	20 14	0 1	15 38	6 50	20 47	20 56	9 53	1 7	3 28
T 6	4 29	0s20	3 59	4 16	2 13	18 23	0 45	23 36	0 46	22 6	0 38	21 22	1 7	15 57	0 21	20 14	0 1	15 38	6 50	20 45	20 56	9 56	1 10	3 28
F 7	4 6	5 34	3 16	4 56	1 54	18 11	0 41	23 33	0 47	22 7	0 38	21 23	1 7	15 56	0 22	20 14	0 1	15 38	6 49	20 43	20 55	9 59	1 13	3 28
S 8	3 42	10 35	2 24	5 33	1 34	17 59	0 36	23 30	0 48	22 7	0 38	21 23	1 7	15 56	0 22	20 14	0 1	15 39	6 49	20 42	20 54	10 2	1 16	3 28
S 9	3 19	15 13	1 26	6 8	1 14	17 46	0 32	23 27	0 49	22 8	0 38	21 24	1 6	15 56	0 22	20 15	0 1	15 39	6 49	20 41	20 54	10 5	1 20	3 27
M10	2 56	19 16	0 25	6 39	0 54	17 32	0 27	23 24	0 50	22 8	0 38	21 24	1 6	15 55	0 22	20 15	0 1	15 40	6 48	20 41	20 53	10 8	1 23	3 27
T 11	2 32	22 35	0s38	7 6	0 34	17 18	0 23	23 21	0 51	22 8	0 38	21 25	1 6	15 55	0 22	20 15	0 1	15 40	6 48	20 41	20 53	10 11	1 26	3 27
W12	2 9	24 58	1 41	7 28	0 15	17 4	0 18	23 17	0 52	22 9	0 38	21 25	1 6	15 54	0 22	20 15	0 1	15 40	6 48	20 41	20 52	10 14	1 29	3 27
T 13	1 45	26 11	2 40	7 46	0n 3	16 49	0 14	23 14	0 53	22 9	0 38	21 26	1 6	15 54	0 22	20 15	0 1	15 41	6 47	20 41	20 51	10 17	1 33	3 26
F 14	1 21	26 5	3 33	7 59	0 20	16 33	0 10	23 10	0 54	22 9	0 38	21 27	1 6	15 54	0 22	20 16	0 1	15 41	6 47	20 40	20 51	10 20	1 36	3 26
S 15	0 58	24 34	4 17	8 6	0 36	16 17	0 6	23 7	0 55	22 10	0 38	21 27	1 5	15 53	0 22	20 16	0 1	15 42	6 47	20 40	20 50	10 23	1 39	3 26
S 16	0 34	21 35	4 48	8 9	0 50	16 1	0 1	23 3	0 56	22 10	0 38	21 28	1 5	15 53	0 22	20 16	0 1	15 42	6 46	20 38	20 49	10 26	1 43	3 26
M17	0 10	17 16	5 3	8 6	1 3	15 44	0n 3	22 59	0 57	22 10	0 38	21 28	1 5	15 52	0 22	20 16	0 1	15 42	6 46	20 37	20 49	10 29	1 46	3 26
T 18	0s13	11 50	5 0	7 59	1 14	15 27	0 7	22 55	0 58	22 10	0 38	21 29	1 5	15 52	0 22	20 16	0 1	15 43	6 46	20 35	20 48	10 32	1 49	3 25
W19	0 37	5 35	4 36	7 48	1 24	15 9	0 11	22 51	0 59	22 11	0 38	21 29	1 5	15 51	0 22	20 16	0 1	15 43	6 45	20 33	20 48	10 35	1 52	3 25
T 20	1 1	1n 3	3 53	7 32	1 33	14 50	0 15	22 46	1 0	22 11	0 38	21 30	1 5	15 51	0 22	20 16	0 1	15 44	6 45	20 31	20 47	10 38	1 56	3 25
F 21	1 24	7 40	2 53	7 12	1 41	14 32	0 19	22 42	1 2	22 11	0 38	21 31	1 4	15 50	0 22	20 16	0 1	15 44	6 45	20 30	20 46	10 41	1 59	3 25
S 22	1 48	13 49	1 42	6 48	1 47	14 12	0 22	22 38	1 3	22 11	0 38	21 31	1 4	15 50	0 22	20 17	0 2	15 45	6 45	20 29	20 46	10 44	2 2	3 25
S 23	2 12	19 4	0 25	6 22	1 51	13 53	0 26	22 33	1 4	22 11	0 38	21 32	1 4	15 49	0 22	20 17	0 2	15 45	6 44	20 29	20 45	10 46	2 6	3 25
M24	2 35	23 4	0n53	5 52	1 55	13 33	0 30	22 28	1 5	22 11	0 38	21 33	1 4	15 49	0 22	20 17	0 2	15 45	6 44	20 29	20 44	10 49	2 9	3 24
T 25	2 59	25 33	2 5	5 20	1 58	13 12	0 33	22 24	1 6	22 11	0 38	21 33	1 4	15 48	0 22	20 17	0 2	15 46	6 44	20 29	20 44	10 52	2 12	3 24
W26	3 23	26 25	3 8	4 46	1 59	12 51	0 37	22 19	1 7	22 11	0 38	21 34	1 4	15 48	0 22	20 17	0 2	15 46	6 43	20 29	20 43	10 55	2 15	3 24
T 27	3 46	25 42	3 59	4 9	2 0	12 30	0 40	22 14	1 8	22 11	0 38	21 34	1 3	15 47	0 22	20 17	0 2	15 47	6 43	20 29	20 43	10 58	2 19	3 24
F 28	4 10	23 36	4 36	3 31	2 0	12 8	0 44	22 9	1 10	22 12	0 38	21 35	1 3	15 46	0 22	20 17	0 2	15 47	6 43	20 28	20 42	11 1	2 22	3 24
S 29	4 33	20 22	4 59	2 52	1 59	11 46	0 47	22 4	1 11	22 12	0 38	21 36	1 3	15 46	0 22	20 17	0 2	15 48	6 43	20 27	20 41	11 4	2 25	3 24
S 30	4s57	16n15	5n 7	2n11	1n58	11n24	0n50	21n59	1n12	22n11	0s38	21s36	1n 3	15n45	0s22	20s17	0s 2	15s48	6n42	20n26	20n41	11s 7	2s29	3s24

Julian Day Number = 2092395.5, Delta T = 23m04s
Ecliptic obliquity = 23°34'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'04, Lahiri = 10°09'04 Julian Calendar 1 Sept. 1016 == Greg. Calendar 7 Sept. 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

OCTOBER 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 1 16	13♎27'06	12♍33	0♎40	3♍45	27♋51	15°R54	14♐28	13°R52	29°R59	12♐48	0°R40	1♊58	5♏17	28♍33	M 1
T 2	1 5 12	14°26'55	24°45	2°20	4°56	28°23	15♊54	14°33	13♉50	29♉59	12°49	0♊31	1°55	5°24	28°42	T 2
W 3	1 9 9	15°26'45	6♎48	4° 1	6° 7	28°54	15°53	14°37	13°48	29°59	12°51	0°22	1°52	5°30	28°50	W 3
T 4	1 13 5	16°26'37	18°44	5°41	7°18	29°26	15°52	14°42	13°46	29°59	12°52	0°14	1°49	5°37	28°59	T 4
F 5	1 17 2	17°26'32	0♏35	7°22	8°30	29°57	15°51	14°47	13°44	29°59	12°54	0° 8	1°45	5°44	29° 7	F 5
S 6	1 20 58	18°26'28	12°23	9° 3	9°41	0♌28	15°49	14°51	13°41	29°D59	12°55	0° 5	1°42	5°50	29°16	S 6
S 7	1 24 55	19°26'27	24° 9	10°44	10°53	0°58	15°47	14°56	13°39	29°59	12°56	0° 3	1°39	5°57	29°24	S 7
M 8	1 28 51	20°26'27	5♐58	12°25	12° 4	1°29	15°46	15° 1	13°37	29°59	12°58	0°D 3	1°36	6° 4	29°32	M 8
T 9	1 32 48	21°26'29	17°52	14° 6	13°16	1°59	15°44	15° 6	13°35	29°59	12°59	0° 4	1°33	6°10	29°41	T 9
W10	1 36 45	22°26'33	29°56	15°46	14°28	2°30	15°41	15°12	13°32	29°59	13° 1	0° 6	1°29	6°17	29°49	W10
T 11	1 40 41	23°26'38	12♑14	17°26	15°40	3° 0	15°39	15°17	13°30	29°59	13° 3	0° 7	1°26	6°24	29°57	T 11
F 12	1 44 38	24°26'45	24°52	19° 6	16°52	3°29	15°36	15°22	13°28	29°59	13° 4	0°R 8	1°23	6°30	0♎ 6	F 12
S 13	1 48 34	25°26'54	7♒53	20°45	18° 4	3°59	15°33	15°27	13°25	29°59	13° 6	0° 7	1°20	6°37	0°14	S 13
S 14	1 52 31	26°27'04	21°21	22°24	19°16	4°28	15°30	15°33	13°23	29°59	13° 7	0° 5	1°17	6°43	0°22	S 14
M15	1 56 27	27°27'16	5♓19	24° 3	20°29	4°58	15°27	15°38	13°21	29°59	13° 9	0° 1	1°14	6°50	0°30	M15
T 16	2 0 24	28°27'29	19°44	25°41	21°41	5°27	15°24	15°44	13°18	0♒ 0	13°11	29♉56	1°10	6°57	0°38	T 16
W17	2 4 20	29°27'44	4♈34	27°19	22°54	5°55	15°20	15°49	13°16	0° 0	13°13	29°52	1° 7	7° 3	0°46	W17
T 18	2 8 17	0♏28'00	19°42	28°57	24° 6	6°24	15°16	15°55	13°14	0° 1	13°14	29°48	1° 4	7°10	0°54	T 18
F 19	2 12 14	1°28'19	4♉58	0♏34	25°19	6°52	15°12	16° 0	13°11	0° 1	13°16	29°45	1° 1	7°17	1° 2	F 19
S 20	2 16 10	2°28'39	20°11	2°10	26°32	7°20	15° 8	16° 6	13° 9	0° 2	13°18	29°43	0°58	7°23	1°10	S 20
S 21	2 20 7	3°29'01	5♊13	3°47	27°45	7°48	15° 4	16°12	13° 6	0° 2	13°20	29°D43	0°55	7°30	1°18	S 21
M22	2 24 3	4°29'25	19°55	5°23	28°58	8°16	14°59	16°18	13° 4	0° 3	13°21	29°44	0°51	7°37	1°26	M22
T 23	2 28 0	5°29'50	4♋12	6°58	0♎11	8°43	14°55	16°24	13° 1	0° 3	13°23	29°45	0°48	7°43	1°34	T 23
W24	2 31 56	6°30'18	18° 4	8°34	1°24	9°10	14°50	16°30	12°59	0° 4	13°25	29°47	0°45	7°50	1°41	W24
T 25	2 35 53	7°30'48	1♌29	10° 9	2°37	9°37	14°45	16°35	12°56	0° 4	13°27	29°R48	0°42	7°57	1°49	T 25
F 26	2 39 49	8°31'20	14°31	11°44	3°50	10° 4	14°39	16°42	12°54	0° 5	13°29	29°48	0°39	8° 3	1°57	F 26
S 27	2 43 46	9°31'53	27°13	13°18	5° 4	10°30	14°34	16°48	12°51	0° 6	13°31	29°47	0°35	8°10	2° 4	S 27
S 28	2 47 43	10°32'28	9♍37	14°52	6°17	10°56	14°29	16°54	12°49	0° 7	13°33	29°45	0°32	8°17	2°12	S 28
M29	2 51 39	11°33'05	21°48	16°26	7°31	11°22	14°23	17° 0	12°46	0° 7	13°35	29°42	0°29	8°23	2°20	M29
T 30	2 55 36	12°33'44	3♎50	18° 0	8°44	11°48	14°17	17° 6	12°44	0° 8	13°37	29°39	0°26	8°30	2°27	T 30
W31	2 59 32	13♏34'24	15♎44	19♏34	9♎58	12♌13	14♊11	17♐12	12♉41	0♒ 9	13♐39	29♉36	0♊23	8♏37	2♎34	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s20	11n30	5n 1	1n30	1n55	11n 1	0n53	21n54	1n13	22n11	0s38	21s37	1n 3	15n45	0s22	20s17	0s 2	15s49	6n42	20n24	20n40	11s10	2s32	3s23
T 2	5 44	6 23	4 41	0 47	1 53	10 38	0 56	21 48	1 14	22 11	0 38	21 38	1 3	15 44	0 22	20 17	0 2	15 49	6 42	20 22	20 39	11 13	2 35	3 23
W 3	6 7	1 5	4 8	0 4	1 49	10 14	0 59	21 43	1 15	22 11	0 38	21 38	1 2	15 43	0 22	20 17	0 2	15 49	6 41	20 20	20 39	11 16	2 38	3 23
T 4	6 30	4s13	3 25	0s40	1 46	9 50	1 2	21 38	1 17	22 11	0 38	21 39	1 2	15 43	0 22	20 17	0 2	15 50	6 41	20 19	20 38	11 19	2 42	3 23
F 5	6 53	9 21	2 33	1 23	1 41	9 26	1 5	21 32	1 18	22 11	0 38	21 40	1 2	15 42	0 22	20 17	0 2	15 50	6 41	20 17	20 37	11 22	2 45	3 23
S 6	7 16	14 8	1 35	2 8	1 37	9 2	1 8	21 27	1 19	22 11	0 38	21 41	1 2	15 41	0 22	20 17	0 2	15 51	6 41	20 17	20 37	11 25	2 48	3 23
S 7	7 39	18 24	0 32	2 52	1 32	8 37	1 11	21 21	1 20	22 11	0 38	21 41	1 2	15 41	0 22	20 18	0 2	15 51	6 40	20 16	20 36	11 28	2 52	3 23
M 8	8 2	21 57	0s32	3 36	1 27	8 12	1 13	21 16	1 22	22 11	0 38	21 42	1 2	15 40	0 22	20 18	0 2	15 52	6 40	20 16	20 36	11 31	2 55	3 23
T 9	8 24	24 36	1 36	4 20	1 21	7 46	1 16	21 10	1 23	22 10	0 38	21 43	1 2	15 39	0 22	20 17	0 2	15 52	6 40	20 16	20 35	11 34	2 58	3 23
W10	8 47	26 10	2 36	5 5	1 16	7 21	1 18	21 5	1 24	22 10	0 38	21 43	1 1	15 39	0 22	20 17	0 2	15 53	6 39	20 17	20 34	11 37	3 1	3 23
T 11	9 9	26 29	3 30	5 49	1 10	6 55	1 20	20 59	1 26	22 10	0 38	21 44	1 1	15 38	0 22	20 17	0 2	15 53	6 39	20 17	20 34	11 40	3 4	3 22
F 12	9 31	25 28	4 16	6 32	1 4	6 29	1 23	20 53	1 27	22 10	0 38	21 45	1 1	15 37	0 22	20 17	0 2	15 53	6 39	20 17	20 33	11 43	3 8	3 22
S 13	9 54	23 3	4 50	7 15	0 58	6 2	1 25	20 47	1 28	22 9	0 38	21 46	1 1	15 37	0 22	20 17	0 2	15 54	6 39	20 17	20 32	11 46	3 11	3 22
S 14	10 16	19 20	5 9	7 58	0 51	5 36	1 27	20 42	1 29	22 9	0 38	21 46	1 1	15 36	0 22	20 17	0 2	15 54	6 38	20 17	20 32	11 49	3 14	3 22
M15	10 37	14 26	5 11	8 41	0 45	5 9	1 29	20 36	1 31	22 9	0 38	21 47	1 1	15 35	0 22	20 17	0 2	15 55	6 38	20 16	20 31	11 51	3 17	3 22
T 16	10 59	8 35	4 54	9 23	0 38	4 42	1 31	20 30	1 32	22 8	0 37	21 48	1 1	15 34	0 22	20 17	0 2	15 55	6 38	20 15	20 30	11 54	3 21	3 22
W17	11 21	2 7	4 18	10 5	0 32	4 15	1 32	20 24	1 33	22 8	0 37	21 48	1 0	15 34	0 22	20 17	0 2	15 56	6 38	20 14	20 30	11 57	3 24	3 22
T 18	11 42	4n38	3 22	10 46	0 25	3 48	1 34	20 18	1 35	22 8	0 37	21 49	1 0	15 33	0 22	20 17	0 2	15 56	6 37	20 13	20 29	12 0	3 27	3 22
F 19	12 3	11 11	2 12	11 26	0 19	3 20	1 36	20 12	1 36	22 7	0 37	21 50	1 0	15 32	0 22	20 17	0 2	15 57	6 37	20 12	20 28	12 3	3 30	3 22
S 20	12 24	17 3	0 52	12 6	0 12	2 52	1 37	20 7	1 38	22 7	0 37	21 51	1 0	15 32	0 22	20 17	0 2	15 57	6 37	20 12	20 28	12 6	3 33	3 22
S 21	12 45	21 47	0n30	12 46	0 5	2 25	1 39	20 1	1 39	22 7	0 37	21 51	1 0	15 31	0 22	20 17	0 2	15 57	6 37	20 12	20 27	12 9	3 36	3 22
M22	13 5	25 0	1 49	13 24	0s 1	1 57	1 40	19 55	1 40	22 6	0 37	21 52	1 0	15 30	0 22	20 17	0 2	15 58	6 37	20 12	20 26	12 12	3 39	3 22
T 23	13 25	26 29	2 59	14 3	0 8	1 29	1 41	19 49	1 42	22 6	0 37	21 53	1 0	15 29	0 22	20 17	0 2	15 58	6 36	20 12	20 26	12 15	3 43	3 22
W24	13 46	26 14	3 56	14 40	0 15	1 0	1 42	19 43	1 43	22 5	0 37	21 53	1 0	15 29	0 22	20 17	0 2	15 59	6 36	20 13	20 25	12 18	3 46	3 22
T 25	14 6	24 27	4 38	15 17	0 21	0 32	1 44	19 37	1 45	22 5	0 37	21 54	0 59	15 28	0 22	20 16	0 2	15 59	6 36	20 13	20 24	12 21	3 49	3 22
F 26	14 25	21 25	5 4	15 52	0 28	0 4	1 44	19 31	1 46	22 4	0 37	21 55	0 59	15 27	0 22	20 16	0 2	16 0	6 36	20 13	20 24	12 24	3 52	3 22
S 27	14 45	17 26	5 15	16 28	0 34	0s25	1 45	19 26	1 48	22 3	0 37	21 56	0 59	15 26	0 22	20 16	0 2	16 0	6 35	20 13	20 23	12 27	3 55	3 22
S 28	15 4	12 48	5 11	17 2	0 41	0 53	1 46	19 20	1 49	22 3	0 37	21 56	0 59	15 26	0 22	20 16	0 2	16 1	6 35	20 12	20 22	12 30	3 58	3 22
M29	15 23	7 44	4 53	17 35	0 47	1 22	1 47	19 14	1 51	22 2	0 37	21 57	0 59	15 25	0 22	20 16	0 2	16 1	6 35	20 12	20 22	12 32	4 1	3 22
T 30	15 41	2 28	4 21	18 8	0 53	1 50	1 48	19 8	1 52	22 2	0 37	21 58	0 59	15 24	0 22	20 16	0 2	16 1	6 35	20 11	20 21	12 35	4 4	3 22
W31	16s 0	2s51	3n39	18s40	0s59	2s19	1n48	19n 3	1n54	22n 1	0s37	21s59	0n59	15n23	0s21	20s16	0s 2	16s 2	6n35	20n11	20n20	12s38	4s 7	3s22

Julian Day Number = 2092425.5, Delta T = 23m04s
Ecliptic obliquity = 23°34'05, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'08, Lahiri = 10°09'08 Julian Calendar 1 Oct. 1016 == Greg. Calendar 7 Oct. 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

NOVEMBER 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 3 29	14♏35'06	27♎34	21♏ 7	11♎11	12♌38	14°R 5	17♐19	12°R39	0♒10	13♐41	29°R34	0♊20	8♏43	2♎42	T 1
F 2	3 7 25	15°35'50	9♏22	22°41	12°25	13° 2	13♊59	17°25	12♉36	0°11	13°43	29♉32	0°16	8°50	2°49	F 2
S 3	3 11 22	16°36'34	21°10	24°14	13°39	13°27	13°52	17°31	12°34	0°12	13°45	29°32	0°13	8°57	2°56	S 3
S 4	3 15 18	17°37'21	3♐ 0	25°47	14°53	13°51	13°46	17°38	12°31	0°12	13°47	29°D31	0°10	9° 3	3° 3	S 4
M 5	3 19 15	18°38'09	14°55	27°19	16° 7	14°14	13°39	17°44	12°29	0°13	13°49	29°32	0° 7	9°10	3°11	M 5
T 6	3 23 12	19°38'57	26°56	28°52	17°21	14°38	13°32	17°51	12°26	0°14	13°51	29°33	0° 4	9°17	3°18	T 6
W 7	3 27 8	20°39'48	9♑ 7	0♐25	18°35	15° 1	13°25	17°57	12°24	0°16	13°53	29°34	0° 0	9°23	3°25	W 7
T 8	3 31 5	21°40'39	21°30	1°57	19°49	15°24	13°18	18° 4	12°21	0°17	13°55	29°35	29♉57	9°30	3°32	T 8
F 9	3 35 1	22°41'31	4♒ 9	3°29	21° 3	15°46	13°11	18°10	12°19	0°18	13°57	29°35	29°54	9°37	3°38	F 9
S 10	3 38 58	23°42'24	17° 7	5° 1	22°17	16° 8	13° 4	18°17	12°16	0°19	13°59	29°36	29°51	9°43	3°45	S 10
S 11	3 42 54	24°43'18	0♓27	6°33	23°31	16°30	12°56	18°24	12°14	0°20	14° 1	29°R36	29°48	9°50	3°52	S 11
M12	3 46 51	25°44'12	14°12	8° 5	24°45	16°51	12°49	18°30	12°11	0°21	14° 3	29°35	29°45	9°57	3°59	M12
T 13	3 50 47	26°45'08	28°22	9°37	25°59	17°12	12°41	18°37	12° 9	0°22	14° 5	29°35	29°41	10° 3	4° 5	T 13
W14	3 54 44	27°46'04	12♈55	11° 8	27°14	17°32	12°34	18°44	12° 7	0°24	14° 8	29°35	29°38	10°10	4°12	W14
T 15	3 58 41	28°47'01	27°48	12°39	28°28	17°52	12°26	18°51	12° 4	0°25	14°10	29°35	29°35	10°16	4°18	T 15
F 16	4 2 37	29°47'59	12♉53	14°10	29°42	18°12	12°18	18°58	12° 2	0°26	14°12	29°D35	29°32	10°23	4°24	F 16
S 17	4 6 34	0♐48'57	28° 4	15°40	0♏57	18°32	12°10	19° 4	12° 0	0°28	14°14	29°R35	29°29	10°30	4°31	S 17
S 18	4 10 30	1°49'57	13♊ 9	17°10	2°11	18°50	12° 2	19°11	11°57	0°29	14°16	29°35	29°26	10°36	4°37	S 18
M19	4 14 27	2°50'58	28° 0	18°40	3°26	19° 9	11°54	19°18	11°55	0°30	14°18	29°34	29°22	10°43	4°43	M19
T 20	4 18 23	3°52'00	12♋30	20° 9	4°40	19°27	11°46	19°25	11°53	0°32	14°21	29°34	29°19	10°50	4°49	T 20
W21	4 22 20	4°53'03	26°34	21°37	5°55	19°45	11°38	19°32	11°50	0°33	14°23	29°33	29°16	10°56	4°55	W21
T 22	4 26 16	5°54'06	10♌11	23° 5	7° 9	20° 2	11°30	19°39	11°48	0°35	14°25	29°33	29°13	11° 3	5° 1	T 22
F 23	4 30 13	6°55'11	23°20	24°31	8°24	20°19	11°22	19°46	11°46	0°36	14°27	29°32	29°10	11°10	5° 7	F 23
S 24	4 34 10	7°56'17	6♍ 6	25°57	9°39	20°35	11°14	19°53	11°44	0°38	14°29	29°D32	29° 6	11°16	5°12	S 24
S 25	4 38 6	8°57'23	18°31	27°21	10°53	20°51	11° 6	20° 0	11°42	0°39	14°32	29°32	29° 3	11°23	5°18	S 25
M26	4 42 3	9°58'31	0♎39	28°43	12° 8	21° 6	10°58	20° 7	11°39	0°41	14°34	29°33	29° 0	11°30	5°24	M26
T 27	4 45 59	10°59'39	12°37	0♑ 3	13°23	21°21	10°49	20°14	11°37	0°43	14°36	29°34	28°57	11°36	5°29	T 27
W28	4 49 56	12° 0'49	24°27	1°22	14°37	21°35	10°41	20°21	11°35	0°44	14°38	29°35	28°54	11°43	5°34	W28
T 29	4 53 52	13° 1'58	6♏14	2°37	15°52	21°49	10°33	20°28	11°33	0°46	14°40	29°36	28°51	11°50	5°40	T 29
F 30	4 57 49	14♐ 3'09	18♏ 1	3♑50	17♏ 7	22♌ 2	10♊25	20♐35	11♉31	0♒47	14♐43	29♉37	28♉47	11♏56	5♎45	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s18	8s 3	2n48	19s11	1s 5	2s47	1n48	18n57	1n55	22n 0	0s37	21s59	0n59	15n23	0s21	20s15	0s 2	16s 2	6n34	20n10	20n20	12s41	4s10	3s22
F 2	16 36	12 58	1 49	19 41	1 11	3 16	1 49	18 52	1 57	22 0	0 37	22 0	0 58	15 22	0 21	20 15	0 2	16 3	6 34	20 10	20 19	12 44	4 13	3 22
S 3	16 53	17 24	0 46	20 10	1 17	3 44	1 49	18 46	1 59	21 59	0 37	22 1	0 58	15 21	0 21	20 15	0 2	16 3	6 34	20 9	20 18	12 47	4 16	3 22
S 4	17 11	21 11	0s19	20 38	1 22	4 13	1 49	18 41	2 0	21 58	0 36	22 1	0 58	15 20	0 21	20 15	0 2	16 4	6 34	20 9	20 18	12 50	4 18	3 22
M 5	17 28	24 6	1 24	21 5	1 28	4 41	1 49	18 35	2 2	21 58	0 36	22 2	0 58	15 19	0 21	20 15	0 2	16 4	6 34	20 10	20 17	12 53	4 21	3 22
T 6	17 44	25 58	2 26	21 31	1 33	5 10	1 49	18 30	2 3	21 57	0 36	22 3	0 58	15 19	0 21	20 14	0 2	16 4	6 33	20 10	20 16	12 56	4 24	3 22
W 7	18 1	26 37	3 23	21 56	1 38	5 38	1 49	18 25	2 5	21 56	0 36	22 3	0 58	15 18	0 21	20 14	0 2	16 5	6 33	20 10	20 16	12 59	4 27	3 22
T 8	18 17	25 58	4 10	22 20	1 42	6 6	1 49	18 19	2 7	21 55	0 36	22 4	0 58	15 17	0 21	20 14	0 2	16 5	6 33	20 10	20 15	13 1	4 30	3 22
F 9	18 33	23 58	4 47	22 43	1 47	6 34	1 49	18 14	2 8	21 54	0 36	22 5	0 58	15 16	0 21	20 14	0 2	16 6	6 33	20 10	20 14	13 4	4 33	3 22
S 10	18 48	20 43	5 10	23 5	1 51	7 2	1 49	18 9	2 10	21 54	0 36	22 6	0 58	15 16	0 21	20 14	0 2	16 6	6 33	20 10	20 14	13 7	4 35	3 22
S 11	19 3	16 19	5 18	23 25	1 55	7 30	1 48	18 4	2 12	21 53	0 36	22 6	0 57	15 15	0 21	20 13	0 2	16 6	6 33	20 10	20 13	13 10	4 38	3 22
M12	19 18	10 58	5 8	23 44	1 59	7 58	1 48	17 59	2 14	21 52	0 36	22 7	0 57	15 14	0 21	20 13	0 2	16 7	6 32	20 10	20 12	13 13	4 41	3 22
T 13	19 32	4 55	4 39	24 2	2 3	8 26	1 47	17 55	2 15	21 51	0 36	22 8	0 57	15 14	0 21	20 13	0 2	16 7	6 32	20 10	20 12	13 16	4 43	3 22
W14	19 46	1n34	3 52	24 19	2 6	8 53	1 47	17 50	2 17	21 50	0 36	22 8	0 57	15 13	0 21	20 13	0 2	16 8	6 32	20 10	20 11	13 19	4 46	3 22
T 15	20 0	8 8	2 48	24 34	2 9	9 20	1 46	17 46	2 19	21 49	0 35	22 9	0 57	15 12	0 21	20 12	0 2	16 8	6 32	20 10	20 10	13 22	4 49	3 22
F 16	20 13	14 20	1 32	24 48	2 12	9 47	1 45	17 41	2 21	21 48	0 35	22 10	0 57	15 11	0 21	20 12	0 2	16 8	6 32	20 10	20 10	13 25	4 51	3 23
S 17	20 26	19 42	0 8	25 1	2 14	10 14	1 44	17 37	2 23	21 48	0 35	22 10	0 57	15 11	0 21	20 12	0 2	16 9	6 32	20 10	20 9	13 27	4 54	3 23
S 18	20 38	23 44	1n15	25 12	2 16	10 41	1 43	17 33	2 24	21 47	0 35	22 11	0 57	15 10	0 21	20 11	0 2	16 9	6 31	20 10	20 8	13 30	4 56	3 23
M19	20 50	26 5	2 32	25 21	2 17	11 7	1 42	17 28	2 26	21 46	0 35	22 11	0 57	15 9	0 21	20 11	0 2	16 10	6 31	20 10	20 7	13 33	4 59	3 23
T 20	21 2	26 34	3 37	25 29	2 18	11 33	1 41	17 25	2 28	21 45	0 35	22 12	0 57	15 9	0 21	20 11	0 2	16 10	6 31	20 10	20 7	13 36	5 1	3 23
W21	21 13	25 19	4 27	25 36	2 18	11 59	1 40	17 21	2 30	21 44	0 35	22 13	0 57	15 8	0 21	20 11	0 2	16 10	6 31	20 10	20 6	13 39	5 4	3 23
T 22	21 24	22 36	5 0	25 41	2 18	12 25	1 39	17 17	2 32	21 43	0 35	22 13	0 56	15 7	0 21	20 10	0 2	16 11	6 31	20 10	20 5	13 42	5 6	3 23
F 23	21 35	18 46	5 16	25 45	2 18	12 50	1 38	17 13	2 34	21 42	0 34	22 14	0 56	15 7	0 21	20 10	0 2	16 11	6 31	20 10	20 5	13 45	5 9	3 23
S 24	21 45	14 12	5 16	25 47	2 16	13 15	1 36	17 10	2 36	21 41	0 34	22 15	0 56	15 6	0 21	20 10	0 2	16 11	6 31	20 10	20 4	13 47	5 11	3 23
S 25	21 55	9 10	5 1	25 47	2 15	13 40	1 35	17 7	2 38	21 40	0 34	22 15	0 56	15 5	0 21	20 9	0 2	16 12	6 31	20 10	20 3	13 50	5 13	3 23
M26	22 4	3 54	4 32	25 46	2 12	14 5	1 33	17 4	2 40	21 39	0 34	22 16	0 56	15 5	0 21	20 9	0 2	16 12	6 30	20 10	20 3	13 53	5 16	3 23
T 27	22 13	1s27	3 52	25 43	2 9	14 29	1 32	17 1	2 42	21 38	0 34	22 16	0 56	15 4	0 21	20 9	0 2	16 13	6 30	20 10	20 2	13 56	5 18	3 24
W28	22 21	6 41	3 3	25 39	2 5	14 52	1 30	16 58	2 44	21 37	0 34	22 17	0 56	15 3	0 21	20 8	0 2	16 13	6 30	20 10	20 1	13 59	5 20	3 24
T 29	22 29	11 41	2 6	25 32	2 0	15 16	1 29	16 56	2 46	21 36	0 34	22 18	0 56	15 3	0 21	20 8	0 2	16 13	6 30	20 10	20 1	14 2	5 22	3 24
F 30	22s37	16s16	1n 4	25s25	1s54	15s39	1n27	16n53	2n48	21n35	0s33	22s18	0n56	15n 2	0s21	20s 8	0s 2	16s14	6n30	20n11	20n 0	14s 5	5s25	3s24

Julian Day Number = 2092456.5, Delta T = 23m03s
Ecliptic obliquity = 23°34'05, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'12, Lahiri = 10°09'13 Julian Calendar 1 Nov. 1016 == Greg. Calendar 7 Nov. 1016

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ASTRODIENST EPHEMERIS for the year 1016
geocentric

DECEMBER 1016 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 1 45	15♐ 4'20	29♏52	4♑59	18♏22	22♌14	10°R17	20♐42	11°R29	0♒49	14♐45	29°R38	28♉44	12♏ 3	5♎50	S 1
S 2	5 5 42	16° 5'32	11♐49	6° 3	19°37	22°26	10♊ 9	20°49	11♉27	0°51	14°47	29♉37	28°41	12°10	5°55	S 2
M 3	5 9 39	17° 6'44	23°55	7° 3	20°51	22°38	10° 1	20°56	11°25	0°53	14°49	29°36	28°38	12°16	6° 0	M 3
T 4	5 13 35	18° 7'57	6♑ 9	7°58	22° 6	22°49	9°53	21° 3	11°23	0°54	14°51	29°33	28°35	12°23	6° 5	T 4
W 5	5 17 32	19° 9'10	18°35	8°46	23°21	22°59	9°45	21°10	11°22	0°56	14°54	29°30	28°32	12°30	6° 9	W 5
T 6	5 21 28	20°10'22	1♒12	9°26	24°36	23° 9	9°37	21°17	11°20	0°58	14°56	29°27	28°28	12°36	6°14	T 6
F 7	5 25 25	21°11'35	14° 3	9°59	25°51	23°18	9°29	21°24	11°18	1° 0	14°58	29°24	28°25	12°43	6°18	F 7
S 8	5 29 21	22°12'48	27° 8	10°23	27° 6	23°26	9°21	21°31	11°16	1° 2	15° 0	29°21	28°22	12°49	6°23	S 8
S 9	5 33 18	23°14'01	10♓29	10°36	28°21	23°34	9°13	21°39	11°15	1° 4	15° 3	29°19	28°19	12°56	6°27	S 9
M10	5 37 15	24°15'13	24° 7	10°R39	29°36	23°41	9° 6	21°46	11°13	1° 6	15° 5	29°D19	28°16	13° 3	6°31	M10
T 11	5 41 11	25°16'25	8♈ 3	10°31	0♗51	23°47	8°58	21°53	11°11	1° 7	15° 7	29°19	28°12	13° 9	6°35	T 11
W12	5 45 8	26°17'37	22°16	10°11	2° 6	23°53	8°51	22° 0	11°10	1° 9	15° 9	29°21	28° 9	13°16	6°39	W12
T 13	5 49 4	27°18'49	6♉45	9°39	3°21	23°58	8°43	22° 7	11° 8	1°11	15°11	29°22	28° 6	13°23	6°43	T 13
F 14	5 53 1	28°20'00	21°27	8°55	4°36	24° 3	8°36	22°14	11° 7	1°13	15°13	29°23	28° 3	13°29	6°47	F 14
S 15	5 56 57	29°21'11	6♊16	8° 1	5°51	24° 7	8°29	22°21	11° 5	1°15	15°16	29°R23	28° 0	13°36	6°51	S 15
S 16	6 0 54	0♑22'22	21° 6	6°57	7° 5	24°10	8°22	22°28	11° 4	1°17	15°18	29°22	27°57	13°43	6°54	S 16
M17	6 4 50	1°23'33	5♋48	5°46	8°20	24°12	8°15	22°35	11° 3	1°19	15°20	29°19	27°53	13°49	6°58	M17
T 18	6 8 47	2°24'43	20°16	4°29	9°35	24°13	8° 8	22°42	11° 1	1°21	15°22	29°14	27°50	13°56	7° 1	T 18
W19	6 12 44	3°25'53	4♌24	3° 9	10°51	24°14	8° 1	22°49	11° 0	1°23	15°24	29° 8	27°47	14° 3	7° 5	W19
T 20	6 16 40	4°27'03	18° 7	1°49	12° 6	24°R14	7°55	22°56	10°59	1°26	15°26	29° 3	27°44	14° 9	7° 8	T 20
F 21	6 20 37	5°28'13	1♍24	0°31	13°21	24°14	7°48	23° 3	10°58	1°28	15°28	28°58	27°41	14°16	7°11	F 21
S 22	6 24 33	6°29'23	14°15	29♐18	14°36	24°12	7°42	23°10	10°56	1°30	15°31	28°54	27°38	14°23	7°14	S 22
S 23	6 28 30	7°30'33	26°45	28°10	15°51	24°10	7°36	23°17	10°55	1°32	15°33	28°51	27°34	14°29	7°16	S 23
M24	6 32 26	8°31'42	8♎56	27°11	17° 6	24° 7	7°30	23°24	10°54	1°34	15°35	28°D50	27°31	14°36	7°19	M24
T 25	6 36 23	9°32'51	20°53	26°20	18°21	24° 3	7°24	23°31	10°53	1°36	15°37	28°51	27°28	14°43	7°22	T 25
W26	6 40 19	10°34'00	2♏43	25°39	19°36	23°59	7°18	23°38	10°52	1°38	15°39	28°53	27°25	14°49	7°24	W26
T 27	6 44 16	11°35'09	14°30	25° 8	20°51	23°53	7°12	23°45	10°51	1°40	15°41	28°54	27°22	14°56	7°27	T 27
F 28	6 48 13	12°36'18	26°18	24°46	22° 6	23°47	7° 7	23°51	10°51	1°43	15°43	28°R55	27°18	15° 2	7°29	F 28
S 29	6 52 9	13°37'26	8♐13	24°33	23°21	23°40	7° 2	23°58	10°50	1°45	15°45	28°55	27°15	15° 9	7°31	S 29
S 30	6 56 6	14°38'33	20°18	24°D29	24°36	23°32	6°57	24° 5	10°49	1°47	15°47	28°52	27°12	15°16	7°33	S 30
M31	7 0 2	15♑39'40	2♑35	24♐33	25♐51	23♌23	6♊52	24♐12	10♉48	1♒49	15♐49	28♉47	27♉ 9	15♏22	7♎35	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s44	20s15	0s 1	25s16	1s48	16s 1	1n25	16n51	2n50	21n34	0s33	22s19	0n56	15n 2	0s21	20s 7	0s 2	16s14	6n30	20n11	19n59	14s 7	5s27	3s24
S 2	22 50	23 26	1 7	25 5	1 40	16 24	1 23	16 49	2 52	21 33	0 33	22 19	0 56	15 1	0 21	20 7	0 2	16 14	6 30	20 11	19 58	14 10	5 29	3 24
M 3	22 56	25 36	2 10	24 54	1 31	16 45	1 21	16 47	2 54	21 32	0 33	22 20	0 56	15 0	0 21	20 6	0 2	16 15	6 30	20 10	19 58	14 13	5 31	3 24
T 4	23 2	26 34	3 8	24 41	1 21	17 7	1 20	16 46	2 56	21 31	0 33	22 20	0 56	15 0	0 21	20 6	0 2	16 15	6 30	20 10	19 57	14 16	5 33	3 24
W 5	23 7	26 12	3 58	24 27	1 10	17 28	1 18	16 44	2 59	21 30	0 33	22 21	0 55	14 59	0 21	20 6	0 2	16 15	6 30	20 9	19 56	14 19	5 35	3 25
T 6	23 12	24 31	4 38	24 11	0 58	17 48	1 16	16 43	3 1	21 29	0 32	22 22	0 55	14 59	0 21	20 5	0 2	16 16	6 30	20 8	19 56	14 22	5 37	3 25
F 7	23 16	21 32	5 4	23 56	0 44	18 8	1 14	16 42	3 3	21 28	0 32	22 22	0 55	14 58	0 21	20 5	0 2	16 16	6 29	20 8	19 55	14 24	5 39	3 25
S 8	23 20	17 27	5 15	23 39	0 29	18 27	1 11	16 41	3 5	21 27	0 32	22 23	0 55	14 58	0 21	20 4	0 2	16 16	6 29	20 7	19 54	14 27	5 41	3 25
S 9	23 24	12 26	5 9	23 22	0 14	18 46	1 9	16 41	3 7	21 26	0 32	22 23	0 55	14 57	0 21	20 4	0 2	16 16	6 29	20 7	19 53	14 30	5 43	3 25
M10	23 27	6 43	4 46	23 5	0n 4	19 5	1 7	16 41	3 10	21 25	0 32	22 24	0 55	14 57	0 21	20 4	0 2	16 17	6 29	20 7	19 53	14 33	5 44	3 25
T 11	23 29	0 33	4 6	22 47	0 22	19 23	1 5	16 40	3 12	21 24	0 32	22 24	0 55	14 56	0 21	20 3	0 2	16 17	6 29	20 7	19 52	14 36	5 46	3 25
W12	23 31	5n47	3 10	22 30	0 41	19 40	1 3	16 41	3 14	21 23	0 31	22 25	0 55	14 56	0 21	20 3	0 2	16 17	6 29	20 7	19 51	14 39	5 48	3 25
T 13	23 32	11 56	2 1	22 13	1 0	19 57	1 0	16 41	3 16	21 22	0 31	22 25	0 55	14 55	0 21	20 2	0 2	16 18	6 29	20 7	19 51	14 41	5 50	3 26
F 14	23 33	17 31	0 43	21 57	1 20	20 13	0 58	16 42	3 19	21 21	0 31	22 26	0 55	14 55	0 21	20 2	0 2	16 18	6 29	20 8	19 50	14 44	5 51	3 26
S 15	23 34	22 5	0n38	21 41	1 39	20 29	0 56	16 43	3 21	21 20	0 31	22 26	0 55	14 54	0 21	20 2	0 2	16 18	6 29	20 8	19 49	14 47	5 53	3 26
S 16	23 34	25 12	1 56	21 25	1 58	20 44	0 53	16 44	3 23	21 19	0 31	22 26	0 55	14 54	0 21	20 1	0 2	16 18	6 29	20 7	19 48	14 50	5 54	3 26
M17	23 34	26 32	3 6	21 11	2 16	20 59	0 51	16 45	3 25	21 18	0 31	22 27	0 55	14 54	0 21	20 1	0 2	16 19	6 29	20 7	19 48	14 53	5 56	3 26
T 18	23 33	26 2	4 3	20 58	2 32	21 13	0 48	16 47	3 28	21 17	0 30	22 27	0 55	14 53	0 21	20 0	0 2	16 19	6 29	20 6	19 47	14 55	5 57	3 26
W19	23 31	23 51	4 43	20 45	2 46	21 26	0 46	16 49	3 30	21 16	0 30	22 28	0 55	14 53	0 21	20 0	0 2	16 19	6 29	20 4	19 46	14 58	5 59	3 26
T 20	23 30	20 20	5 6	20 35	2 59	21 39	0 43	16 51	3 32	21 15	0 30	22 28	0 55	14 52	0 21	19 59	0 2	16 20	6 29	20 3	19 46	15 1	6 0	3 27
F 21	23 27	15 53	5 11	20 26	3 8	21 51	0 41	16 53	3 35	21 14	0 30	22 29	0 55	14 52	0 21	19 59	0 2	16 20	6 29	20 2	19 45	15 4	6 2	3 27
S 22	23 24	10 51	5 1	20 18	3 16	22 2	0 38	16 56	3 37	21 13	0 30	22 29	0 54	14 52	0 21	19 58	0 2	16 20	6 29	20 1	19 44	15 7	6 3	3 27
S 23	23 21	5 31	4 36	20 13	3 20	22 13	0 36	16 59	3 39	21 13	0 29	22 29	0 54	14 51	0 21	19 58	0 2	16 20	6 29	20 1	19 43	15 9	6 4	3 27
M24	23 17	0 6	3 59	20 10	3 23	22 23	0 33	17 2	3 42	21 12	0 29	22 30	0 54	14 51	0 21	19 58	0 2	16 20	6 29	20 0	19 43	15 12	6 5	3 27
T 25	23 13	5s14	3 12	20 8	3 23	22 33	0 31	17 5	3 44	21 11	0 29	22 30	0 54	14 51	0 21	19 57	0 3	16 21	6 29	20 1	19 42	15 15	6 6	3 27
W26	23 9	10 19	2 18	20 9	3 21	22 41	0 28	17 9	3 46	21 10	0 29	22 31	0 54	14 51	0 20	19 57	0 3	16 21	6 29	20 1	19 41	15 18	6 8	3 27
T 27	23 4	15 2	1 18	20 11	3 18	22 49	0 26	17 13	3 48	21 10	0 29	22 31	0 54	14 50	0 20	19 56	0 3	16 21	6 29	20 1	19 41	15 20	6 9	3 28
F 28	22 58	19 12	0 14	20 15	3 13	22 57	0 23	17 17	3 51	21 9	0 28	22 31	0 54	14 50	0 20	19 56	0 3	16 21	6 29	20 2	19 40	15 23	6 10	3 28
S 29	22 52	22 37	0s50	20 21	3 7	23 4	0 20	17 22	3 53	21 8	0 28	22 32	0 54	14 50	0 20	19 55	0 3	16 22	6 29	20 1	19 39	15 26	6 11	3 28
S 30	22 46	25 5	1 53	20 28	2 59	23 10	0 18	17 26	3 55	21 8	0 28	22 32	0 54	14 50	0 20	19 55	0 3	16 22	6 29	20 1	19 38	15 29	6 12	3 28
M31	22s39	26s24	2s52	20s36	2n51	23s15	0n15	17n31	3n57	21n 7	0s28	22s32	0n54	14n49	0s20	19s54	0s 3	16s22	6n29	20n 0	19n38	15s32	6s13	3s28

Julian Day Number = 2092486.5, Delta T = 23m03s
Ecliptic obliquity = 23°34'04, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'16, Lahiri = 10°09'17 Julian Calendar 1 Dec. 1016 == Greg. Calendar 7 Dec. 1016

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

JANUARY 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 3 59	16♉40'46	15♉ 6	24♐45	27♐ 6	23°R14	6°R47	24♐19	10°R48	1♒51	15♐51	28°R41	27♉ 6	15♏29	7♎37	T 1
W 2	7 7 55	17°41'52	27°51	25° 4	28°21	23♌ 4	6♊42	24°25	10♉47	1°54	15°53	28♉32	27° 3	15°36	7°38	W 2
T 3	7 11 52	18°42'56	10♒50	25°29	29°36	22°53	6°38	24°32	10°47	1°56	15°55	28°22	26°59	15°42	7°40	T 3
F 4	7 15 49	19°44'00	24° 3	26° 1	0♉51	22°41	6°34	24°39	10°46	1°58	15°57	28°13	26°56	15°49	7°41	F 4
S 5	7 19 45	20°45'03	7♓27	26°37	2° 6	22°28	6°30	24°45	10°46	2° 0	15°59	28° 5	26°53	15°56	7°43	S 5
S 6	7 23 42	21°46'04	21° 2	27°19	3°22	22°15	6°26	24°52	10°45	2° 3	16° 1	27°59	26°50	16° 2	7°44	S 6
M 7	7 27 38	22°47'04	4♈47	28° 4	4°37	22° 1	6°22	24°58	10°45	2° 5	16° 2	27°55	26°47	16° 9	7°45	M 7
T 8	7 31 35	23°48'03	18°41	28°54	5°52	21°46	6°19	25° 5	10°45	2° 7	16° 4	27°D53	26°44	16°16	7°46	T 8
W 9	7 35 31	24°49'00	2♉43	29°48	7° 7	21°30	6°16	25°11	10°45	2° 9	16° 6	27°53	26°40	16°22	7°47	W 9
T 10	7 39 28	25°49'56	16°53	0♊44	8°22	21°14	6°13	25°18	10°44	2°12	16° 8	27°54	26°37	16°29	7°47	T 10
F 11	7 43 24	26°50'51	1♊10	1°44	9°37	20°57	6°10	25°24	10°44	2°14	16°10	27°R54	26°34	16°36	7°48	F 11
S 12	7 47 21	27°51'45	15°32	2°46	10°52	20°39	6° 7	25°31	10°44	2°16	16°12	27°53	26°31	16°42	7°48	S 12
S 13	7 51 18	28°52'37	29°55	3°51	12° 7	20°21	6° 5	25°37	10°D44	2°18	16°13	27°49	26°28	16°49	7°49	S 13
M14	7 55 14	29°53'28	14♋13	4°58	13°22	20° 2	6° 3	25°43	10°44	2°21	16°15	27°43	26°24	16°56	7°49	M14
T 15	7 59 11	0♒54'17	28°23	6° 8	14°37	19°43	6° 0	25°49	10°44	2°23	16°17	27°34	26°21	17° 2	7°R49	T 15
W16	8 3 7	1°55'05	12♌18	7°19	15°52	19°23	5°59	25°56	10°45	2°25	16°18	27°23	26°18	17° 9	7°49	W16
T 17	8 7 4	2°55'52	25°54	8°32	17° 7	19° 2	5°57	26° 2	10°45	2°27	16°20	27°12	26°15	17°15	7°49	T 17
F 18	8 11 0	3°56'38	9♍ 9	9°47	18°22	18°41	5°55	26° 8	10°45	2°30	16°22	27° 1	26°12	17°22	7°49	F 18
S 19	8 14 57	4°57'22	22° 1	11° 3	19°37	18°19	5°54	26°14	10°45	2°32	16°23	26°51	26° 9	17°29	7°48	S 19
S 20	8 18 53	5°58'06	4♎33	12°21	20°52	17°57	5°53	26°20	10°46	2°34	16°25	26°45	26° 5	17°35	7°48	S 20
M21	8 22 50	6°58'48	16°46	13°40	22° 7	17°35	5°52	26°26	10°46	2°37	16°27	26°40	26° 2	17°42	7°47	M21
T 22	8 26 47	7°59'29	28°45	15° 0	23°22	17°12	5°52	26°32	10°47	2°39	16°28	26°38	25°59	17°49	7°47	T 22
W23	8 30 43	9° 0'08	10♏36	16°22	24°37	16°49	5°51	26°38	10°47	2°41	16°30	26°D38	25°56	17°55	7°46	W23
T 24	8 34 40	10° 0'47	22°23	17°45	25°52	16°26	5°51	26°44	10°48	2°43	16°31	26°R38	25°53	18° 2	7°45	T 24
F 25	8 38 36	11° 1'24	4♐13	19° 9	27° 7	16° 3	5°D51	26°49	10°48	2°46	16°33	26°38	25°50	18° 9	7°44	F 25
S 26	8 42 33	12° 2'01	16°10	20°34	28°22	15°39	5°51	26°55	10°49	2°48	16°34	26°36	25°46	18°15	7°43	S 26
S 27	8 46 29	13° 2'35	28°20	22° 0	29°37	15°15	5°51	27° 1	10°50	2°50	16°36	26°32	25°43	18°22	7°41	S 27
M28	8 50 26	14° 3'09	10♉46	23°28	0♒52	14°51	5°52	27° 6	10°50	2°52	16°37	26°25	25°40	18°29	7°40	M28
T 29	8 54 22	15° 3'41	23°30	24°56	2° 7	14°27	5°53	27°12	10°51	2°55	16°38	26°16	25°37	18°35	7°38	T 29
W30	8 58 19	16° 4'11	6♒34	26°26	3°21	14° 3	5°54	27°17	10°52	2°57	16°40	26° 4	25°34	18°42	7°37	W30
T 31	9 2 16	17♒ 4'40	19♒56	27♉56	4♒36	13♌39	5♊55	27♐23	10♉53	2♒59	16♐41	25♉51	25♉30	18♏49	7♎35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s31	26s24	3s43	20s45	2n43	23s20	0n13	17n36	3n59	21n 6	0s28	22s33	0n54	14n49	0s20	19s54	0s 3	16s22	6n29	19n58	19n37	15s34	6s13	3s28
W 2	22 23	25 1	4 24	20 55	2 34	23 23	0 10	17 42	4 1	21 6	0 27	22 33	0 54	14 49	0 20	19 53	0 3	16 22	6 29	19 56	19 36	15 37	6 14	3 29
T 3	22 15	22 17	4 52	21 6	2 24	23 27	0 7	17 48	4 4	21 5	0 27	22 33	0 54	14 49	0 20	19 53	0 3	16 23	6 29	19 54	19 35	15 40	6 15	3 29
F 4	22 6	18 22	5 6	21 16	2 14	23 29	0 5	17 53	4 6	21 5	0 27	22 34	0 54	14 49	0 20	19 52	0 3	16 23	6 29	19 52	19 35	15 43	6 16	3 29
S 5	21 57	13 29	5 2	21 27	2 4	23 31	0 2	18 0	4 8	21 4	0 27	22 34	0 54	14 49	0 20	19 52	0 3	16 23	6 29	19 50	19 34	15 45	6 16	3 29
S 6	21 48	7 53	4 42	21 39	1 54	23 32	0s 0	18 6	4 10	21 4	0 27	22 34	0 54	14 49	0 20	19 51	0 3	16 23	6 29	19 49	19 33	15 48	6 17	3 29
M 7	21 38	1 51	4 6	21 50	1 44	23 32	0 3	18 12	4 11	21 3	0 26	22 34	0 54	14 49	0 20	19 51	0 3	16 23	6 29	19 48	19 32	15 51	6 17	3 29
T 8	21 28	4n22	3 14	22 0	1 33	23 32	0 5	18 19	4 13	21 3	0 26	22 35	0 54	14 49	0 20	19 50	0 3	16 23	6 29	19 48	19 32	15 54	6 18	3 29
W 9	21 17	10 26	2 11	22 11	1 23	23 30	0 8	18 26	4 15	21 3	0 26	22 35	0 54	14 48	0 20	19 50	0 3	16 24	6 29	19 48	19 31	15 56	6 18	3 30
T 10	21 6	16 2	0 59	22 21	1 13	23 29	0 10	18 33	4 17	21 2	0 26	22 35	0 54	14 48	0 20	19 49	0 3	16 24	6 29	19 48	19 30	15 59	6 19	3 30
F 11	20 54	20 47	0n17	22 30	1 3	23 26	0 13	18 40	4 18	21 2	0 26	22 36	0 54	14 48	0 20	19 49	0 3	16 24	6 29	19 48	19 30	16 2	6 19	3 30
S 12	20 42	24 19	1 33	22 39	0 53	23 23	0 15	18 47	4 20	21 2	0 25	22 36	0 54	14 48	0 20	19 48	0 3	16 24	6 29	19 48	19 29	16 5	6 19	3 30
S 13	20 30	26 16	2 42	22 47	0 44	23 19	0 18	18 55	4 22	21 2	0 25	22 36	0 54	14 48	0 20	19 48	0 3	16 24	6 29	19 47	19 28	16 7	6 20	3 30
M14	20 17	26 28	3 41	22 54	0 34	23 14	0 20	19 2	4 23	21 1	0 25	22 36	0 54	14 49	0 20	19 47	0 3	16 24	6 29	19 45	19 27	16 10	6 20	3 30
T 15	20 4	24 55	4 25	23 1	0 25	23 8	0 23	19 10	4 24	21 1	0 25	22 36	0 54	14 49	0 20	19 47	0 3	16 24	6 29	19 43	19 27	16 13	6 20	3 30
W16	19 50	21 53	4 53	23 6	0 16	23 2	0 25	19 17	4 26	21 1	0 24	22 37	0 54	14 49	0 20	19 46	0 3	16 24	6 29	19 41	19 26	16 15	6 20	3 31
T 17	19 37	17 42	5 3	23 11	0 7	22 55	0 27	19 25	4 27	21 1	0 24	22 37	0 54	14 49	0 20	19 46	0 3	16 25	6 29	19 38	19 25	16 18	6 20	3 31
F 18	19 22	12 45	4 56	23 14	0s 2	22 48	0 30	19 33	4 28	21 1	0 24	22 37	0 54	14 49	0 20	19 45	0 3	16 25	6 29	19 36	19 24	16 21	6 20	3 31
S 19	19 8	7 23	4 35	23 17	0 11	22 39	0 32	19 41	4 29	21 1	0 24	22 37	0 54	14 49	0 20	19 45	0 3	16 25	6 29	19 34	19 24	16 24	6 20	3 31
S 20	18 53	1 51	4 0	23 18	0 19	22 30	0 34	19 48	4 30	21 1	0 24	22 37	0 54	14 49	0 20	19 44	0 3	16 25	6 29	19 32	19 23	16 26	6 20	3 31
M21	18 38	3s37	3 15	23 19	0 27	22 21	0 37	19 56	4 31	21 1	0 23	22 38	0 54	14 49	0 20	19 44	0 3	16 25	6 29	19 31	19 22	16 29	6 20	3 31
T 22	18 22	8 52	2 23	23 18	0 35	22 10	0 39	20 4	4 32	21 1	0 23	22 38	0 54	14 49	0 20	19 43	0 3	16 25	6 29	19 30	19 21	16 32	6 20	3 31
W23	18 6	13 45	1 24	23 16	0 42	21 59	0 41	20 12	4 32	21 1	0 23	22 38	0 54	14 50	0 20	19 43	0 3	16 25	6 29	19 30	19 21	16 34	6 20	3 31
T 24	17 50	18 6	0 23	23 12	0 50	21 48	0 43	20 19	4 33	21 1	0 23	22 38	0 54	14 50	0 20	19 42	0 3	16 25	6 30	19 30	19 20	16 37	6 19	3 31
F 25	17 33	21 46	0s40	23 7	0 57	21 35	0 45	20 27	4 33	21 2	0 23	22 38	0 54	14 50	0 20	19 42	0 3	16 25	6 30	19 30	19 19	16 40	6 19	3 32
S 26	17 17	24 32	1 42	23 2	1 3	21 22	0 47	20 35	4 33	21 2	0 22	22 38	0 53	14 50	0 20	19 41	0 3	16 25	6 30	19 30	19 18	16 43	6 19	3 32
S 27	16 59	26 13	2 40	22 54	1 10	21 9	0 49	20 42	4 34	21 2	0 22	22 39	0 53	14 51	0 20	19 41	0 3	16 25	6 30	19 29	19 18	16 45	6 18	3 32
M28	16 42	26 38	3 31	22 46	1 16	20 54	0 51	20 49	4 34	21 2	0 22	22 39	0 53	14 51	0 20	19 40	0 3	16 25	6 30	19 27	19 17	16 48	6 18	3 32
T 29	16 24	25 40	4 13	22 36	1 22	20 40	0 53	20 57	4 34	21 3	0 22	22 39	0 53	14 51	0 20	19 40	0 3	16 26	6 30	19 25	19 16	16 51	6 17	3 32
W30	16 6	23 18	4 43	22 24	1 27	20 24	0 55	21 4	4 34	21 3	0 22	22 39	0 53	14 51	0 20	19 39	0 3	16 26	6 30	19 22	19 15	16 53	6 17	3 32
T 31	15s48	19s38	4s59	22s12	1s32	20s 8	0s57	21n10	4n33	21n 3	0s21	22s39	0n53	14n52	0s20	19s39	0s 3	16s26	6n30	19n19	19n14	16s56	6s16	3s32

Julian Day Number = 2092517.5, Delta T = 23m03s
Ecliptic obliquity = 23°34'04, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'20, Lahiri = 10°09'21 Julian Calendar 1 Jan. 1017 == Greg. Calendar 7 Jan. 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

FEBRUARY 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 6 12	18♒ 5'07	3♓34	29♑28	5♒51	13°R16	5♊56	27♐28	10♉54	3♒ 1	16♐42	25°R38	25♉27	18♏55	7°R33	F 1
S 2	9 10 9	19° 5'32	17°25	1♒ 0	7° 6	12♌52	5°58	27°33	10°55	3° 4	16°44	25♉26	25°24	19° 2	7♎31	S 2
S 3	9 14 5	20° 5'55	1♈24	2°33	8°21	12°29	6° 0	27°38	10°56	3° 6	16°45	25°17	25°21	19° 8	7°29	S 3
M 4	9 18 2	21° 6'17	15°29	4° 8	9°36	12° 5	6° 1	27°44	10°57	3° 8	16°46	25°11	25°18	19°15	7°27	M 4
T 5	9 21 58	22° 6'36	29°35	5°43	10°51	11°42	6° 4	27°49	10°59	3°10	16°47	25° 7	25°15	19°22	7°25	T 5
W 6	9 25 55	23° 6'53	13♉42	7°19	12° 6	11°20	6° 6	27°54	11° 0	3°12	16°48	25° 6	25°11	19°28	7°23	W 6
T 7	9 29 51	24° 7'09	27°47	8°57	13°21	10°58	6° 9	27°59	11° 1	3°15	16°49	25° 6	25° 8	19°35	7°20	T 7
F 8	9 33 48	25° 7'22	11♊50	10°35	14°35	10°36	6°11	28° 4	11° 2	3°17	16°51	25° 6	25° 5	19°42	7°18	F 8
S 9	9 37 45	26° 7'33	25°51	12°15	15°50	10°15	6°14	28° 8	11° 4	3°19	16°52	25° 4	25° 2	19°48	7°15	S 9
S 10	9 41 41	27° 7'42	9♋48	13°55	17° 5	9°54	6°17	28°13	11° 5	3°21	16°53	24°59	24°59	19°55	7°12	S 10
M11	9 45 38	28° 7'49	23°39	15°37	18°20	9°33	6°21	28°18	11° 7	3°23	16°54	24°51	24°56	20° 2	7°10	M11
T 12	9 49 34	29° 7'53	7♌22	17°19	19°35	9°13	6°24	28°22	11° 8	3°25	16°55	24°41	24°52	20° 8	7° 7	T 12
W13	9 53 31	0♓ 7'56	20°54	19° 3	20°49	8°54	6°28	28°27	11°10	3°27	16°56	24°29	24°49	20°15	7° 4	W13
T 14	9 57 27	1° 7'56	4♍11	20°48	22° 4	8°36	6°32	28°31	11°11	3°29	16°57	24°15	24°46	20°22	7° 1	T 14
F 15	10 1 24	2° 7'55	17°12	22°34	23°19	8°17	6°36	28°36	11°13	3°31	16°57	24° 3	24°43	20°28	6°57	F 15
S 16	10 5 20	3° 7'52	29°56	24°21	24°34	8° 0	6°40	28°40	11°15	3°33	16°58	23°51	24°40	20°35	6°54	S 16
S 17	10 9 17	4° 7'47	12♎22	26° 9	25°48	7°43	6°44	28°44	11°17	3°36	16°59	23°43	24°36	20°41	6°51	S 17
M18	10 13 14	5° 7'40	24°33	27°58	27° 3	7°27	6°49	28°48	11°18	3°38	17° 0	23°37	24°33	20°48	6°47	M18
T 19	10 17 10	6° 7'31	6♏32	29°48	28°18	7°12	6°53	28°52	11°20	3°40	17° 1	23°33	24°30	20°55	6°44	T 19
W20	10 21 7	7° 7'21	18°23	1♓40	29°33	6°57	6°58	28°56	11°22	3°42	17° 1	23°32	24°27	21° 1	6°40	W20
T 21	10 25 3	8° 7'08	0♐11	3°32	0♓47	6°43	7° 3	29° 0	11°24	3°43	17° 2	23°D32	24°24	21° 8	6°37	T 21
F 22	10 29 0	9° 6'55	12° 1	5°26	2° 2	6°30	7° 9	29° 4	11°26	3°45	17° 3	23°R32	24°21	21°15	6°33	F 22
S 23	10 32 56	10° 6'39	23°59	7°21	3°17	6°18	7°14	29° 8	11°28	3°47	17° 3	23°31	24°17	21°21	6°29	S 23
S 24	10 36 53	11° 6'22	6♑10	9°17	4°31	6° 6	7°19	29°12	11°30	3°49	17° 4	23°29	24°14	21°28	6°25	S 24
M25	10 40 49	12° 6'03	18°39	11°14	5°46	5°55	7°25	29°15	11°32	3°51	17° 5	23°23	24°11	21°35	6°21	M25
T 26	10 44 46	13° 5'42	1♒29	13°12	7° 1	5°45	7°31	29°19	11°34	3°53	17° 5	23°16	24° 8	21°41	6°17	T 26
W27	10 48 43	14° 5'19	14°43	15°11	8°15	5°36	7°37	29°22	11°37	3°55	17° 6	23° 6	24° 5	21°48	6°13	W27
T 28	10 52 39	15♓ 4'54	28♒21	17♓11	9♓30	5♌27	7♊43	29♐25	11♉39	3♒57	17♐ 6	22♉55	24♉ 2	21♏55	6♎ 9	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s30	14s52	4s58	21s57	1s37	19s51	0s59	21n17	4n33	21n 4	0s21	22s39	0n53	14n52	0s20	19s38	0s 3	16s26	6n30	19n16	19n14	16s59	6s15	3s32
S 2	15 11	9 16	4 39	21 42	1 42	19 34	1 0	21 24	4 33	21 4	0 21	22 39	0 53	14 52	0 20	19 38	0 3	16 26	6 30	19 13	19 13	17 1	6 15	3 32
S 3	14 52	3 9	4 3	21 25	1 46	19 16	1 2	21 30	4 32	21 5	0 21	22 39	0 53	14 53	0 19	19 37	0 3	16 26	6 30	19 11	19 12	17 4	6 14	3 32
M 4	14 32	3n10	3 13	21 6	1 50	18 58	1 4	21 36	4 31	21 5	0 21	22 39	0 53	14 53	0 19	19 37	0 3	16 26	6 30	19 10	19 11	17 7	6 13	3 32
T 5	14 13	9 21	2 10	20 46	1 53	18 39	1 5	21 42	4 31	21 6	0 21	22 40	0 53	14 54	0 19	19 36	0 3	16 26	6 31	19 9	19 11	17 9	6 12	3 32
W 6	13 53	15 5	1 0	20 25	1 57	18 20	1 7	21 47	4 30	21 6	0 20	22 40	0 53	14 54	0 19	19 36	0 3	16 26	6 31	19 9	19 10	17 12	6 11	3 32
T 7	13 33	20 0	0n14	20 2	1 59	18 0	1 8	21 53	4 29	21 7	0 20	22 40	0 53	14 54	0 19	19 35	0 3	16 26	6 31	19 9	19 9	17 15	6 10	3 32
F 8	13 13	23 46	1 27	19 38	2 2	17 39	1 10	21 58	4 28	21 8	0 20	22 40	0 53	14 55	0 19	19 35	0 3	16 26	6 31	19 9	19 8	17 17	6 9	3 32
S 9	12 53	26 5	2 35	19 12	2 4	17 18	1 11	22 3	4 27	21 8	0 20	22 40	0 53	14 55	0 19	19 34	0 3	16 26	6 31	19 8	19 8	17 20	6 8	3 32
S 10	12 32	26 44	3 33	18 44	2 5	16 57	1 12	22 7	4 25	21 9	0 20	22 40	0 53	14 56	0 19	19 34	0 3	16 26	6 31	19 7	19 7	17 23	6 7	3 32
M11	12 11	25 43	4 17	18 15	2 7	16 35	1 14	22 11	4 24	21 10	0 19	22 40	0 53	14 56	0 19	19 33	0 3	16 26	6 31	19 5	19 6	17 25	6 6	3 32
T 12	11 50	23 9	4 47	17 45	2 7	16 13	1 15	22 15	4 23	21 11	0 19	22 40	0 53	14 57	0 19	19 33	0 3	16 26	6 31	19 2	19 5	17 28	6 5	3 32
W13	11 29	19 20	5 0	17 13	2 8	15 50	1 16	22 19	4 21	21 12	0 19	22 40	0 53	14 57	0 19	19 32	0 3	16 26	6 31	18 59	19 5	17 30	6 4	3 32
T 14	11 8	14 36	4 56	16 39	2 8	15 27	1 17	22 23	4 19	21 12	0 19	22 40	0 53	14 58	0 19	19 32	0 3	16 26	6 31	18 56	19 4	17 33	6 3	3 32
F 15	10 46	9 19	4 36	16 4	2 7	15 3	1 18	22 26	4 18	21 13	0 19	22 40	0 53	14 58	0 19	19 31	0 3	16 26	6 32	18 53	19 3	17 36	6 1	3 32
S 16	10 25	3 45	4 4	15 28	2 6	14 39	1 19	22 29	4 16	21 14	0 18	22 40	0 53	14 59	0 19	19 31	0 3	16 26	6 32	18 50	19 2	17 38	6 0	3 32
S 17	10 3	1s51	3 20	14 50	2 5	14 14	1 20	22 32	4 14	21 15	0 18	22 40	0 53	14 59	0 19	19 30	0 3	16 26	6 32	18 48	19 1	17 41	5 59	3 32
M18	9 41	7 17	2 27	14 10	2 3	13 49	1 21	22 34	4 13	21 16	0 18	22 40	0 53	15 0	0 19	19 30	0 3	16 26	6 32	18 47	19 1	17 44	5 57	3 32
T 19	9 19	12 22	1 29	13 29	2 0	13 24	1 22	22 36	4 11	21 17	0 18	22 40	0 53	15 1	0 19	19 29	0 3	16 26	6 32	18 46	19 0	17 46	5 56	3 32
W20	8 57	16 57	0 27	12 46	1 58	12 59	1 22	22 38	4 9	21 18	0 18	22 40	0 53	15 1	0 19	19 29	0 3	16 26	6 32	18 45	18 59	17 49	5 54	3 32
T 21	8 34	20 52	0s35	12 2	1 54	12 33	1 23	22 40	4 7	21 19	0 18	22 40	0 54	15 2	0 19	19 29	0 3	16 26	6 32	18 45	18 58	17 51	5 53	3 32
F 22	8 12	23 57	1 37	11 16	1 50	12 6	1 24	22 41	4 5	21 20	0 17	22 40	0 54	15 2	0 19	19 28	0 3	16 26	6 32	18 45	18 57	17 54	5 51	3 32
S 23	7 49	26 0	2 34	10 29	1 46	11 40	1 24	22 43	4 3	21 21	0 17	22 40	0 54	15 3	0 19	19 28	0 3	16 25	6 32	18 45	18 57	17 57	5 50	3 32
S 24	7 26	26 51	3 26	9 41	1 40	11 13	1 25	22 44	4 0	21 22	0 17	22 40	0 54	15 4	0 19	19 27	0 3	16 25	6 33	18 45	18 56	17 59	5 48	3 32
M25	7 4	26 23	4 9	8 51	1 35	10 46	1 25	22 44	3 58	21 23	0 17	22 40	0 54	15 4	0 19	19 27	0 3	16 25	6 33	18 43	18 55	18 2	5 46	3 32
T 26	6 41	24 30	4 41	8 0	1 29	10 18	1 25	22 45	3 56	21 24	0 17	22 40	0 54	15 5	0 19	19 26	0 3	16 25	6 33	18 41	18 54	18 4	5 45	3 32
W27	6 18	21 16	4 59	7 8	1 22	9 50	1 26	22 45	3 54	21 26	0 17	22 40	0 54	15 6	0 19	19 26	0 3	16 25	6 33	18 39	18 54	18 7	5 43	3 32
T 28	5s54	16s49	5s 1	6s14	1s14	9s22	1s26	22n45	3n52	21n27	0s16	22s40	0n54	15n 7	0s19	19s25	0s 3	16s25	6n33	18n36	18n53	18s 9	5s41	3s31

Julian Day Number = 2092548.5, Delta T = 23m02s
Ecliptic obliquity = 23°34'05, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'25, Lahiri = 10°09'25 Julian Calendar 1 Feb. 1017 == Greg. Calendar 7 Feb. 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

MARCH 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 56 36	16♓ 4'27	12♓20	19♓11	10♓44	5°R19	7♊50	29♐29	11♉41	3♒59	17♐ 6	22°R44	23♉58	22♏ 1	6°R 5	F 1
S 2	11 0 32	17° 3'58	26°35	21°12	11°59	5♌13	7°56	29°32	11°43	4° 0	17° 7	22♉34	23°55	22° 8	6♎ 1	S 2
S 3	11 4 29	18° 3'27	11♈ 1	23°13	13°14	5° 6	8° 3	29°35	11°46	4° 2	17° 7	22°26	23°52	22°15	5°57	S 3
M 4	11 8 25	19° 2'53	25°32	25°15	14°28	5° 1	8°10	29°38	11°48	4° 4	17° 8	22°20	23°49	22°21	5°52	M 4
T 5	11 12 22	20° 2'18	10♉ 1	27°16	15°43	4°56	8°17	29°41	11°51	4° 6	17° 8	22°18	23°46	22°28	5°48	T 5
W 6	11 16 18	21° 1'40	24°25	29°17	16°57	4°53	8°24	29°44	11°53	4° 7	17° 8	22°D17	23°42	22°34	5°44	W 6
T 7	11 20 15	22° 1'00	8♊40	1♈18	18°12	4°50	8°31	29°46	11°56	4° 9	17° 8	22°18	23°39	22°41	5°39	T 7
F 8	11 24 11	23° 0'17	22°44	3°17	19°26	4°47	8°38	29°49	11°58	4°11	17° 9	22°R18	23°36	22°48	5°35	F 8
S 9	11 28 8	23°59'32	6♋37	5°15	20°41	4°46	8°46	29°52	12° 1	4°12	17° 9	22°17	23°33	22°54	5°30	S 9
S 10	11 32 5	24°58'45	20°19	7°12	21°55	4°D45	8°54	29°54	12° 3	4°14	17° 9	22°14	23°30	23° 1	5°26	S 10
M11	11 36 1	25°57'55	3♌49	9° 7	23°10	4°45	9° 2	29°56	12° 6	4°16	17° 9	22° 9	23°27	23° 8	5°21	M11
T 12	11 39 58	26°57'03	17° 9	10°59	24°24	4°46	9° 9	29°59	12° 9	4°17	17° 9	22° 2	23°23	23°14	5°16	T 12
W13	11 43 54	27°56'09	0♍16	12°48	25°38	4°47	9°18	0♎ 1	12°11	4°19	17° 9	21°53	23°20	23°21	5°12	W13
T 14	11 47 51	28°55'12	13°10	14°34	26°53	4°50	9°26	0° 3	12°14	4°20	17°R 9	21°43	23°17	23°28	5° 7	T 14
F 15	11 51 47	29°54'13	25°52	16°16	28° 7	4°53	9°34	0° 5	12°17	4°22	17° 9	21°34	23°14	23°34	5° 3	F 15
S 16	11 55 44	0♈53'12	8♎20	17°55	29°22	4°56	9°43	0° 7	12°20	4°23	17° 9	21°26	23°11	23°41	4°58	S 16
S 17	11 59 40	1°52'09	20°35	19°29	0♈36	5° 0	9°51	0° 8	12°22	4°25	17° 9	21°20	23° 7	23°48	4°53	S 17
M18	12 3 37	2°51'04	2♏40	20°59	1°50	5° 5	10° 0	0°10	12°25	4°26	17° 9	21°15	23° 4	23°54	4°49	M18
T 19	12 7 34	3°49'58	14°35	22°24	3° 5	5°11	10° 9	0°12	12°28	4°27	17° 9	21°13	23° 1	24° 1	4°44	T 19
W20	12 11 30	4°48'49	26°24	23°43	4°19	5°17	10°18	0°13	12°31	4°29	17° 9	21°D13	22°58	24° 7	4°39	W20
T 21	12 15 27	5°47'38	8♐12	24°58	5°33	5°24	10°27	0°15	12°34	4°30	17° 9	21°14	22°55	24°14	4°35	T 21
F 22	12 19 23	6°46'26	20° 2	26° 7	6°47	5°31	10°36	0°16	12°37	4°31	17° 8	21°16	22°52	24°21	4°30	F 22
S 23	12 23 20	7°45'12	1♑59	27°10	8° 2	5°40	10°45	0°17	12°40	4°33	17° 8	21°17	22°48	24°27	4°25	S 23
S 24	12 27 16	8°43'56	14° 9	28° 7	9°16	5°48	10°55	0°18	12°43	4°34	17° 8	21°R17	22°45	24°34	4°21	S 24
M25	12 31 13	9°42'39	26°37	28°59	10°30	5°58	11° 4	0°19	12°46	4°35	17° 7	21°15	22°42	24°41	4°16	M25
T 26	12 35 9	10°41'20	9♒27	29°44	11°44	6° 8	11°14	0°20	12°49	4°36	17° 7	21°12	22°39	24°47	4°11	T 26
W27	12 39 6	11°39'59	22°43	0♉24	12°59	6°18	11°24	0°21	12°52	4°37	17° 7	21° 8	22°36	24°54	4° 7	W27
T 28	12 43 3	12°38'36	6♓25	0°57	14°13	6°29	11°34	0°22	12°55	4°39	17° 6	21° 2	22°33	25° 1	4° 2	T 28
F 29	12 46 59	13°37'11	20°32	1°24	15°27	6°41	11°44	0°22	12°58	4°40	17° 6	20°56	22°29	25° 7	3°57	F 29
S 30	12 50 56	14°35'44	5♈ 1	1°45	16°41	6°53	11°54	0°23	13° 2	4°41	17° 5	20°50	22°26	25°14	3°53	S 30
S 31	12 54 52	15♈34'16	19♈46	2♉ 0	17♈55	7♌ 5	12♊ 4	0♎23	13♉ 5	4♒42	17♐ 5	20♉46	22♉23	25♏21	3♎48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	5s31	11s22	4s45	5s19	1s 7	8s54	1s26	22n45	3n49	21n28	0s16	22s40	0n54	15n 7	0s19	19s25	0s 3	16s25	6n33	18n33	18n52	18s12	5s40	3s31	
S 2	5 8	5 12	4 12	4 24	0 58	8 26	1 26	22 44	3 47	21 29	0 16	22 40	0 54	15 8	0 19	19 25	0 3	16 25	6 33	18 31	18 51	18 15	5 38	3 31	
S 3	4 45	1n18	3 21	3 28	0 49	7 57	1 26	22 43	3 45	21 30	0 16	22 40	0 54	15 9	0 19	19 24	0 3	16 25	6 33	18 29	18 50	18 17	5 36	3 31	
M 4	4 21	7 47	2 18	2 30	0 40	7 28	1 26	22 42	3 42	21 32	0 16	22 40	0 54	15 10	0 19	19 24	0 3	16 25	6 33	18 27	18 50	18 20	5 34	3 31	
T 5	3 58	13 52	1 5	1 33	0 30	6 59	1 26	22 41	3 40	21 33	0 16	22 40	0 54	15 10	0 19	19 23	0 3	16 25	6 34	18 26	18 49	18 22	5 32	3 31	
W 6	3 35	19 10	0n11	0 35	0 19	6 30	1 26	22 40	3 38	21 34	0 15	22 40	0 54	15 11	0 19	19 23	0 3	16 25	6 34	18 26	18 48	18 25	5 30	3 31	
T 7	3 11	23 17	1 26	0n23	0 9	6 0	1 25	22 39	3 35	21 36	0 15	22 40	0 54	15 12	0 19	19 23	0 3	16 25	6 34	18 26	18 47	18 27	5 28	3 30	
F 8	2 47	25 57	2 35	1 21	0n 3	5 30	1 25	22 37	3 33	21 37	0 15	22 40	0 54	15 13	0 19	19 22	0 3	16 24	6 34	18 27	18 46	18 30	5 26	3 30	
S 9	2 24	26 58	3 34	2 19	0 14	5 1	1 25	22 35	3 31	21 38	0 15	22 40	0 54	15 13	0 19	19 22	0 3	16 24	6 34	18 26	18 46	18 33	5 24	3 30	
S 10	2 0	26 18	4 20	3 16	0 26	4 31	1 24	22 33	3 28	21 40	0 15	22 40	0 54	15 14	0 19	19 22	0 3	16 24	6 34	18 26	18 45	18 35	5 22	3 30	
M11	1 37	24 6	4 50	4 12	0 38	4 1	1 24	22 31	3 26	21 41	0 15	22 40	0 54	15 15	0 19	19 21	0 3	16 24	6 34	18 24	18 44	18 38	5 20	3 30	
T 12	1 13	20 36	5 4	5 8	0 50	3 31	1 23	22 28	3 24	21 42	0 14	22 40	0 54	15 16	0 19	19 21	0 3	16 24	6 34	18 22	18 43	18 40	5 18	3 29	
W13	0 49	16 9	5 2	6 2	1 2	3 0	1 23	22 25	3 21	21 44	0 14	22 40	0 54	15 17	0 19	19 20	0 3	16 24	6 34	18 20	18 42	18 43	5 16	3 29	
T 14	0 26	11 1	4 45	6 54	1 13	2 30	1 22	22 23	3 19	21 45	0 14	22 40	0 54	15 18	0 19	19 20	0 3	16 24	6 35	18 18	18 42	18 45	5 14	3 29	
F 15	0 2	5 31	4 13	7 44	1 25	2 0	1 21	22 20	3 17	21 46	0 14	22 40	0 54	15 19	0 19	19 20	0 3	16 24	6 35	18 15	18 41	18 48	5 12	3 29	
S 16	0n21	0s 6	3 30	8 33	1 37	1 29	1 21	22 17	3 14	21 48	0 14	22 40	0 54	15 19	0 19	19 19	0 3	16 24	6 35	18 13	18 40	18 50	5 10	3 28	
S 17	0 45	5 39	2 38	9 19	1 48	0 59	1 20	22 13	3 12	21 49	0 14	22 40	0 54	15 20	0 19	19 19	0 3	16 24	6 35	18 11	18 39	18 53	5 8	3 28	
M18	1 8	10 55	1 39	10 3	1 58	0 28	1 19	22 10	3 10	21 51	0 14	22 40	0 54	15 21	0 19	19 19	0 3	16 23	6 35	18 10	18 38	18 55	5 6	3 28	
T 19	1 32	15 44	0 36	10 45	2 8	0n 2	1 18	22 6	3 7	21 52	0 13	22 40	0 54	15 22	0 19	19 18	0 4	16 23	6 35	18 10	18 38	18 58	5 4	3 28	
W20	1 55	19 55	0s28	11 23	2 18	0 33	1 17	22 2	3 5	21 54	0 13	22 40	0 54	15 23	0 19	19 18	0 4	16 23	6 35	18 10	18 37	19 0	5 2	3 27	
T 21	2 19	23 17	1 31	11 59	2 27	1 4	1 16	21 59	3 3	21 55	0 13	22 40	0 54	15 24	0 18	19 18	0 4	16 23	6 35	18 10	18 36	19 3	4 59	3 27	
F 22	2 42	25 41	2 30	12 32	2 35	1 34	1 15	21 54	3 1	21 57	0 13	22 40	0 54	15 25	0 18	19 18	0 4	16 23	6 35	18 10	18 35	19 5	4 57	3 27	
S 23	3 6	26 56	3 23	13 2	2 42	2 5	1 13	21 50	2 58	21 58	0 13	22 40	0 54	15 26	0 18	19 17	0 4	16 23	6 36	18 11	18 34	19 8	4 55	3 26	
S 24	3 29	26 55	4 8	13 29	2 48	2 35	1 12	21 46	2 56	22 0	0 13	22 40	0 54	15 27	0 18	19 17	0 4	16 23	6 36	18 11	18 34	19 10	4 53	3 26	
M25	3 52	25 34	4 43	13 52	2 53	3 6	1 11	21 42	2 54	22 1	0 13	22 40	0 54	15 28	0 18	19 17	0 4	16 23	6 36	18 10	18 33	19 13	4 51	3 26	
T 26	4 15	22 52	5 4	14 13	2 58	3 36	1 9	21 37	2 52	22 2	0 12	22 40	0 54	15 29	0 18	19 16	0 4	16 22	6 36	18 9	18 32	19 15	4 49	3 25	
W27	4 38	18 54	5 10	14 30	3 1	4 6	1 8	21 32	2 50	22 4	0 12	22 40	0 54	15 30	0 18	19 16	0 4	16 22	6 36	18 8	18 31	19 18	4 47	3 25	
T 28	5 1	13 50	5 0	14 43	3 3	4 37	1 7	21 27	2 48	22 5	0 12	22 40	0 54	15 31	0 18	19 16	0 4	16 22	6 36	18 7	18 30	19 20	4 44	3 25	
F 29	5 24	7 55	4 30	14 54	3 4	5 7	1 5	21 22	2 45	22 7	0 12	22 40	0 54	15 31	0 18	19 16	0 4	16 22	6 36	18 5	18 30	19 23	4 42	3 24	
S 30	5 47	1 25	3 43	15 1	3 4	5 37	1 4	21 17	2 43	22 8	0 12	22 40	0 54	15 32	0 18	19 15	0 4	16 22	6 36	18 4	18 29	19 25	4 40	3 24	
S 31	6n10	5n18	2s41	15n 5	3n 2	6n 7	1s 2	21n12	2n41	22n10	0s12	22s40	0n54	15n33	0s18	19s15	0s 4	16s22	6n36	18n 3	18n28	19s28	4s38	3s24	

Julian Day Number = 2092576.5, Delta T = 23m02s
Ecliptic obliquity = 23°34'06, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'29, Lahiri = 10°09'29 Julian Calendar 1 March 1017 == Greg. Calendar 7 March 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

APRIL 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 58 49	16♈32'46	4♉40	2♉ 9	19♈ 9	7♌19	12♊14	0♑23	13♉ 8	4♒43	17°R 4	20°R43	22♉20	25♏27	3°R44	M 1
T 2	13 2 45	17°31'13	19°34	2°R12	20°24	7°32	12°24	0°24	13°11	4°44	17♐ 4	20°D43	22°17	25°34	3♎39	T 2
W 3	13 6 42	18°29'39	4♊20	2°10	21°38	7°46	12°35	0°24	13°14	4°45	17° 3	20♉43	22°13	25°40	3°35	W 3
T 4	13 10 38	19°28'03	18°53	2° 2	22°52	8° 1	12°45	0°R24	13°18	4°46	17° 2	20°44	22°10	25°47	3°31	T 4
F 5	13 14 35	20°26'24	3♋10	1°48	24° 6	8°16	12°56	0°24	13°21	4°46	17° 2	20°46	22° 7	25°54	3°26	F 5
S 6	13 18 32	21°24'43	17° 8	1°30	25°20	8°32	13° 7	0°24	13°24	4°47	17° 1	20°R47	22° 4	26° 0	3°22	S 6
S 7	13 22 28	22°23'00	0♌47	1° 7	26°34	8°48	13°18	0°23	13°28	4°48	17° 0	20°46	22° 1	26° 7	3°18	S 7
M 8	13 26 25	23°21'15	14° 8	0°40	27°48	9° 5	13°29	0°23	13°31	4°49	17° 0	20°45	21°58	26°14	3°14	M 8
T 9	13 30 21	24°19'28	27°12	0°10	29° 2	9°22	13°40	0°23	13°34	4°50	16°59	20°42	21°54	26°20	3° 9	T 9
W10	13 34 18	25°17'39	10♍ 1	29♈37	0♉16	9°39	13°51	0°22	13°38	4°50	16°58	20°39	21°51	26°27	3° 5	W10
T 11	13 38 14	26°15'48	22°36	29° 1	1°30	9°57	14° 2	0°21	13°41	4°51	16°57	20°35	21°48	26°34	3° 1	T 11
F 12	13 42 11	27°13'54	4♎59	28°24	2°44	10°15	14°13	0°21	13°44	4°52	16°56	20°31	21°45	26°40	2°57	F 12
S 13	13 46 7	28°11'59	17°12	27°46	3°58	10°34	14°24	0°20	13°48	4°52	16°56	20°28	21°42	26°47	2°53	S 13
S 14	13 50 4	29°10'03	29°15	27° 8	5°12	10°53	14°36	0°19	13°51	4°53	16°55	20°25	21°39	26°54	2°50	S 14
M15	13 54 0	0♉ 8'04	11♏11	26°30	6°26	11°12	14°47	0°18	13°55	4°54	16°54	20°24	21°35	27° 0	2°46	M15
T 16	13 57 57	1° 6'04	23° 2	25°53	7°39	11°32	14°59	0°17	13°58	4°54	16°53	20°D24	21°32	27° 7	2°42	T 16
W17	14 1 54	2° 4'03	4♐50	25°18	8°53	11°52	15°10	0°15	14° 1	4°55	16°52	20°24	21°29	27°14	2°38	W17
T 18	14 5 50	3° 2'00	16°38	24°45	10° 7	12°13	15°22	0°14	14° 5	4°55	16°51	20°26	21°26	27°20	2°35	T 18
F 19	14 9 47	3°59'55	28°29	24°15	11°21	12°34	15°34	0°13	14° 8	4°56	16°50	20°27	21°23	27°27	2°31	F 19
S 20	14 13 43	4°57'49	10♑28	23°49	12°35	12°55	15°46	0°11	14°12	4°56	16°49	20°28	21°19	27°33	2°28	S 20
S 21	14 17 40	5°55'42	22°38	23°26	13°49	13°17	15°58	0°10	14°15	4°56	16°48	20°29	21°16	27°40	2°24	S 21
M22	14 21 36	6°53'34	5♒ 5	23° 7	15° 2	13°39	16° 9	0° 8	14°19	4°57	16°47	20°R30	21°13	27°47	2°21	M22
T 23	14 25 33	7°51'24	17°52	22°52	16°16	14° 1	16°22	0° 6	14°22	4°57	16°46	20°30	21°10	27°53	2°18	T 23
W24	14 29 29	8°49'13	1♓ 2	22°41	17°30	14°23	16°34	0° 4	14°26	4°57	16°44	20°29	21° 7	28° 0	2°15	W24
T 25	14 33 26	9°47'01	14°39	22°35	18°44	14°46	16°46	0° 2	14°29	4°58	16°43	20°28	21° 4	28° 7	2°12	T 25
F 26	14 37 23	10°44'47	28°43	22°D33	19°57	15° 9	16°58	0° 0	14°33	4°58	16°42	20°27	21° 0	28°13	2° 9	F 26
S 27	14 41 19	11°42'33	13♈13	22°37	21°11	15°33	17°10	29♐58	14°36	4°58	16°41	20°26	20°57	28°20	2° 6	S 27
S 28	14 45 16	12°40'17	28° 3	22°44	22°25	15°57	17°23	29°56	14°40	4°58	16°40	20°25	20°54	28°27	2° 3	S 28
M29	14 49 12	13°38'00	13♉ 6	22°56	23°39	16°21	17°35	29°54	14°43	4°58	16°39	20°D24	20°51	28°33	2° 0	M29
T 30	14 53 9	14♉35'41	28♉15	23♈13	24♉52	16♌45	17♊47	29♐51	14♉47	4♒58	16♐37	20♉24	20♉48	28♏40	1♎58	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n32	11n47	1s27	15n 5	2n59	6n37	1s 0	21n 6	2n39	22n11	0s12	22s40	0n54	15n34	0s18	19s15	0s 4	16s22	6n36	18n 2	18n27	19s30	4s36	3s23
T 2	6 55	17 37	0 6	15 2	2 55	7 6	0 59	21 1	2 37	22 13	0 11	22 40	0 54	15 35	0 18	19 15	0 4	16 21	6 36	18 2	18 26	19 33	4 34	3 23
W 3	7 17	22 20	1n14	14 56	2 49	7 36	0 57	20 55	2 35	22 14	0 11	22 40	0 54	15 36	0 18	19 14	0 4	16 21	6 37	18 2	18 25	19 35	4 31	3 22
T 4	7 39	25 34	2 28	14 47	2 42	8 5	0 55	20 49	2 33	22 16	0 11	22 40	0 54	15 37	0 18	19 14	0 4	16 21	6 37	18 2	18 25	19 37	4 29	3 22
F 5	8 2	27 4	3 32	14 34	2 34	8 34	0 53	20 43	2 31	22 17	0 11	22 40	0 54	15 38	0 18	19 14	0 4	16 21	6 37	18 2	18 24	19 40	4 27	3 22
S 6	8 24	26 47	4 21	14 19	2 24	9 3	0 51	20 37	2 29	22 19	0 11	22 40	0 54	15 39	0 18	19 14	0 4	16 21	6 37	18 3	18 23	19 42	4 25	3 21
S 7	8 45	24 53	4 55	14 0	2 13	9 32	0 49	20 31	2 27	22 20	0 11	22 40	0 54	15 40	0 18	19 14	0 4	16 21	6 37	18 3	18 22	19 45	4 23	3 21
M 8	9 7	21 38	5 12	13 40	2 1	10 1	0 47	20 25	2 25	22 22	0 11	22 40	0 54	15 41	0 18	19 13	0 4	16 21	6 37	18 2	18 21	19 47	4 21	3 20
T 9	9 29	17 23	5 12	13 16	1 48	10 29	0 45	20 18	2 23	22 23	0 11	22 40	0 54	15 42	0 18	19 13	0 4	16 20	6 37	18 2	18 20	19 50	4 19	3 20
W10	9 50	12 25	4 56	12 51	1 34	10 57	0 43	20 12	2 21	22 25	0 10	22 40	0 54	15 43	0 18	19 13	0 4	16 20	6 37	18 1	18 20	19 52	4 17	3 19
T 11	10 11	7 1	4 26	12 24	1 19	11 25	0 41	20 5	2 19	22 26	0 10	22 40	0 54	15 45	0 18	19 13	0 4	16 20	6 37	18 0	18 19	19 54	4 15	3 19
F 12	10 33	1 26	3 45	11 56	1 3	11 52	0 39	19 58	2 18	22 28	0 10	22 40	0 54	15 46	0 18	19 13	0 4	16 20	6 37	17 59	18 18	19 57	4 13	3 18
S 13	10 53	4s 8	2 53	11 27	0 46	12 19	0 37	19 51	2 16	22 29	0 10	22 40	0 54	15 47	0 18	19 13	0 4	16 20	6 37	17 58	18 17	19 59	4 11	3 18
S 14	11 14	9 29	1 54	10 58	0 29	12 46	0 35	19 44	2 14	22 31	0 10	22 40	0 54	15 48	0 18	19 13	0 4	16 20	6 37	17 57	18 16	20 2	4 9	3 18
M15	11 35	14 28	0 51	10 28	0 12	13 13	0 33	19 37	2 12	22 32	0 10	22 40	0 54	15 49	0 18	19 12	0 4	16 20	6 37	17 57	18 16	20 4	4 7	3 17
T 16	11 55	18 52	0s15	9 59	0s 5	13 39	0 31	19 30	2 10	22 33	0 10	22 40	0 54	15 50	0 18	19 12	0 4	16 19	6 37	17 57	18 15	20 6	4 5	3 17
W17	12 15	22 31	1 19	9 30	0 22	14 5	0 28	19 23	2 8	22 35	0 10	22 40	0 54	15 51	0 18	19 12	0 4	16 19	6 38	17 57	18 14	20 9	4 3	3 16
T 18	12 35	25 13	2 20	9 2	0 39	14 31	0 26	19 15	2 7	22 36	0 9	22 40	0 54	15 52	0 18	19 12	0 4	16 19	6 38	17 57	18 13	20 11	4 1	3 16
F 19	12 55	26 49	3 16	8 36	0 55	14 56	0 24	19 7	2 5	22 38	0 9	22 40	0 54	15 53	0 18	19 12	0 4	16 19	6 38	17 57	18 12	20 14	3 59	3 15
S 20	13 15	27 11	4 3	8 11	1 11	15 21	0 22	19 0	2 3	22 39	0 9	22 40	0 54	15 54	0 18	19 12	0 4	16 19	6 38	17 58	18 11	20 16	3 57	3 15
S 21	13 34	26 16	4 40	7 48	1 27	15 46	0 19	18 52	2 2	22 40	0 9	22 40	0 54	15 55	0 18	19 12	0 4	16 19	6 38	17 58	18 11	20 18	3 56	3 14
M22	13 53	24 2	5 6	7 28	1 41	16 10	0 17	18 44	2 0	22 42	0 9	22 40	0 54	15 56	0 18	19 12	0 4	16 19	6 38	17 58	18 10	20 21	3 54	3 14
T 23	14 12	20 35	5 17	7 9	1 55	16 34	0 15	18 36	1 58	22 43	0 9	22 40	0 54	15 57	0 18	19 12	0 4	16 18	6 38	17 58	18 9	20 23	3 52	3 13
W24	14 31	16 1	5 12	6 53	2 8	16 57	0 12	18 28	1 56	22 45	0 9	22 40	0 54	15 58	0 18	19 12	0 4	16 18	6 38	17 58	18 8	20 25	3 50	3 12
T 25	14 49	10 31	4 49	6 40	2 20	17 20	0 10	18 19	1 55	22 46	0 9	22 40	0 54	15 59	0 18	19 12	0 4	16 18	6 38	17 58	18 7	20 28	3 49	3 12
F 26	15 8	4 19	4 9	6 29	2 31	17 42	0 7	18 11	1 53	22 47	0 8	22 40	0 54	16 0	0 18	19 12	0 4	16 18	6 38	17 57	18 6	20 30	3 47	3 11
S 27	15 26	2n18	3 12	6 21	2 42	18 4	0 5	18 2	1 52	22 48	0 8	22 40	0 54	16 1	0 18	19 12	0 4	16 18	6 38	17 57	18 5	20 32	3 45	3 11
S 28	15 43	8 57	2 1	6 15	2 51	18 26	0 3	17 53	1 50	22 50	0 8	22 40	0 54	16 2	0 18	19 12	0 4	16 18	6 38	17 57	18 5	20 35	3 44	3 10
M29	16 1	15 13	0 40	6 12	2 59	18 47	0 0	17 45	1 48	22 51	0 8	22 40	0 54	16 3	0 18	19 12	0 4	16 18	6 38	17 57	18 4	20 37	3 42	3 10
T 30	16n18	20n35	0n43	6n11	3s 6	19n 8	0n 2	17n36	1n47	22n52	0s 8	22s40	0n54	16n 4	0s18	19s12	0s 4	16s17	6n38	17n57	18n 3	20s40	3s41	3s 9

Julian Day Number = 2092607.5, Delta T = 23m01s
Ecliptic obliquity = 23°34'06, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'33, Lahiri = 10°09'33 Julian Calendar 1 Apr. 1017 == Greg. Calendar 7 Apr. 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

MAY 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 57 5	15♉33'22	13♊20	23♈34	26♉ 6	17♌10	18♊ 0	29°R49	14♉50	4♒58	16°R36	20♉25	20♉44	28♏47	1°R55	W 1
T 2	15 1 2	16°31'00	28°12	23°59	27°20	17°35	18°12	29♐46	14°54	4°R58	16♐35	20°25	20°41	28°53	1♎53	T 2
F 3	15 4 58	17°28'38	12♋45	24°29	28°33	18° 0	18°25	29°44	14°57	4°58	16°33	20°25	20°38	29° 0	1°51	F 3
S 4	15 8 55	18°26'14	26°56	25° 3	29°47	18°26	18°38	29°41	15° 1	4°58	16°32	20°26	20°35	29° 6	1°48	S 4
S 5	15 12 52	19°23'48	10♌41	25°40	1♊ 1	18°51	18°50	29°38	15° 4	4°58	16°31	20°26	20°32	29°13	1°46	S 5
M 6	15 16 48	20°21'21	24° 2	26°22	2°14	19°17	19° 3	29°35	15° 8	4°58	16°29	20°26	20°29	29°20	1°44	M 6
T 7	15 20 45	21°18'52	7♍ 1	27° 7	3°28	19°44	19°16	29°32	15°11	4°58	16°28	20°26	20°25	29°26	1°42	T 7
W 8	15 24 41	22°16'21	19°41	27°56	4°41	20°10	19°29	29°29	15°15	4°58	16°27	20°26	20°22	29°33	1°41	W 8
T 9	15 28 38	23°13'50	2♎ 4	28°48	5°55	20°37	19°42	29°26	15°18	4°58	16°25	20°26	20°19	29°40	1°39	T 9
F 10	15 32 34	24°11'17	14°15	29°44	7° 8	21° 4	19°54	29°23	15°22	4°57	16°24	20°26	20°16	29°46	1°37	F 10
S 11	15 36 31	25° 8'43	26°15	0♑44	8°22	21°31	20° 7	29°20	15°25	4°57	16°23	20°27	20°13	29°53	1°36	S 11
S 12	15 40 27	26° 6'08	8♏ 9	1°46	9°36	21°58	20°20	29°17	15°28	4°57	16°21	20°27	20°10	29°59	1°34	S 12
M13	15 44 24	27° 3'31	19°59	2°52	10°49	22°26	20°33	29°13	15°32	4°56	16°20	20°R27	20° 6	0♐ 6	1°33	M13
T 14	15 48 21	28° 0'54	1♐47	4° 1	12° 2	22°54	20°46	29°10	15°35	4°56	16°18	20°27	20° 3	0°13	1°32	T 14
W15	15 52 17	28°58'16	13°36	5°13	13°16	23°22	20°59	29° 7	15°39	4°56	16°17	20°27	20° 0	0°20	1°31	W15
T 16	15 56 14	29°55'37	25°27	6°28	14°29	23°50	21°13	29° 3	15°42	4°55	16°15	20°26	19°57	0°26	1°30	T 16
F 17	16 0 10	0♊52'57	7♑23	7°46	15°43	24°19	21°26	28°59	15°46	4°55	16°14	20°24	19°54	0°33	1°29	F 17
S 18	16 4 7	1°50'17	19°27	9° 7	16°56	24°47	21°39	28°56	15°49	4°54	16°12	20°23	19°50	0°40	1°28	S 18
S 19	16 8 3	2°47'36	1♒42	10°31	18°10	25°16	21°52	28°52	15°52	4°54	16°11	20°21	19°47	0°46	1°28	S 19
M20	16 12 0	3°44'54	14°11	11°57	19°23	25°45	22° 5	28°48	15°56	4°53	16° 9	20°20	19°44	0°53	1°27	M20
T 21	16 15 57	4°42'12	26°57	13°27	20°36	26°14	22°19	28°45	15°59	4°53	16° 8	20°19	19°41	1° 0	1°27	T 21
W22	16 19 53	5°39'30	10♓ 4	14°59	21°50	26°44	22°32	28°41	16° 3	4°52	16° 6	20°D19	19°38	1° 6	1°26	W22
T 23	16 23 50	6°36'47	23°33	16°35	23° 3	27°13	22°45	28°37	16° 6	4°51	16° 5	20°20	19°35	1°13	1°26	T 23
F 24	16 27 46	7°34'03	7♈27	18°13	24°17	27°43	22°59	28°33	16° 9	4°51	16° 3	20°21	19°31	1°19	1°D26	F 24
S 25	16 31 43	8°31'19	21°46	19°53	25°30	28°13	23°12	28°29	16°12	4°50	16° 2	20°22	19°28	1°26	1°26	S 25
S 26	16 35 39	9°28'35	6♉27	21°37	26°43	28°43	23°25	28°25	16°16	4°49	16° 0	20°23	19°25	1°33	1°26	S 26
M27	16 39 36	10°25'51	21°26	23°23	27°57	29°14	23°39	28°21	16°19	4°48	15°59	20°R23	19°22	1°39	1°26	M27
T 28	16 43 32	11°23'06	6♊35	25°12	29°10	29°44	23°52	28°17	16°22	4°48	15°57	20°23	19°19	1°46	1°27	T 28
W29	16 47 29	12°20'21	21°45	27° 4	0♋23	0♍15	24° 6	28°13	16°26	4°47	15°55	20°21	19°16	1°53	1°27	W29
T 30	16 51 26	13°17'35	6♋47	28°58	1°36	0°46	24°19	28° 8	16°29	4°46	15°54	20°19	19°12	1°59	1°28	T 30
F 31	16 55 22	14♊14'49	21♋32	0♊54	2♋50	1♍17	24♊33	28♐ 4	16♉32	4♒45	15♐52	20♉15	19♉ 9	2♐ 6	1♎28	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n35	24n34	2n 4	6n13	3s12	19n28	0n 5	17n27	1n45	22n54	0s 8	22s40	0n54	16n 5	0s18	19s12	0s 4	16s17	6n38	17n57	18n 2	20s42	3s39	3s 9
T 2	16 52	26 48	3 15	6 18	3 17	19 47	0 7	17 18	1 44	22 55	0 8	22 40	0 54	16 6	0 18	19 12	0 4	16 17	6 38	17 57	18 1	20 44	3 38	3 8
F 3	17 8	27 8	4 12	6 25	3 22	20 6	0 10	17 8	1 42	22 56	0 8	22 40	0 54	16 7	0 18	19 12	0 4	16 17	6 38	17 57	18 0	20 46	3 36	3 8
S 4	17 24	25 39	4 52	6 34	3 25	20 25	0 12	16 59	1 41	22 57	0 8	22 40	0 54	16 8	0 18	19 12	0 4	16 17	6 38	17 57	18 0	20 49	3 35	3 7
S 5	17 40	22 40	5 13	6 45	3 28	20 43	0 15	16 49	1 39	22 58	0 7	22 40	0 54	16 9	0 18	19 12	0 4	16 17	6 38	17 57	17 59	20 51	3 33	3 6
M 6	17 56	18 33	5 17	6 59	3 29	21 0	0 17	16 40	1 38	23 0	0 7	22 40	0 54	16 11	0 18	19 12	0 4	16 17	6 38	17 57	17 58	20 53	3 32	3 6
T 7	18 11	13 41	5 5	7 14	3 30	21 17	0 19	16 30	1 36	23 1	0 7	22 40	0 54	16 12	0 18	19 12	0 4	16 17	6 38	17 57	17 57	20 56	3 31	3 5
W 8	18 26	8 21	4 37	7 32	3 30	21 33	0 22	16 20	1 35	23 2	0 7	22 40	0 54	16 13	0 18	19 12	0 4	16 16	6 38	17 57	17 56	20 58	3 29	3 5
T 9	18 41	2 48	3 58	7 51	3 29	21 48	0 24	16 10	1 33	23 3	0 7	22 40	0 54	16 14	0 18	19 12	0 4	16 16	6 38	17 57	17 55	21 0	3 28	3 4
F 10	18 55	2s46	3 8	8 12	3 27	22 3	0 27	16 0	1 32	23 4	0 7	22 40	0 54	16 15	0 18	19 12	0 4	16 16	6 38	17 57	17 54	21 3	3 27	3 4
S 11	19 9	8 10	2 10	8 35	3 25	22 18	0 29	15 50	1 31	23 5	0 7	22 40	0 54	16 16	0 18	19 12	0 4	16 16	6 38	17 57	17 54	21 5	3 26	3 3
S 12	19 23	13 14	1 8	9 0	3 22	22 32	0 31	15 40	1 29	23 6	0 7	22 40	0 54	16 17	0 18	19 12	0 4	16 16	6 38	17 57	17 53	21 7	3 25	3 2
M13	19 36	17 47	0 3	9 26	3 18	22 45	0 34	15 29	1 28	23 7	0 7	22 40	0 54	16 18	0 18	19 12	0 4	16 16	6 38	17 58	17 52	21 9	3 24	3 2
T 14	19 49	21 39	1s 3	9 53	3 14	22 57	0 36	15 19	1 26	23 8	0 6	22 40	0 54	16 19	0 18	19 12	0 4	16 16	6 38	17 57	17 51	21 12	3 23	3 1
W15	20 2	24 37	2 5	10 22	3 9	23 9	0 38	15 8	1 25	23 9	0 6	22 40	0 54	16 20	0 18	19 12	0 4	16 16	6 38	17 57	17 50	21 14	3 22	3 1
T 16	20 15	26 31	3 2	10 52	3 3	23 20	0 41	14 58	1 24	23 10	0 6	22 40	0 54	16 21	0 18	19 12	0 4	16 15	6 38	17 57	17 49	21 16	3 21	3 0
F 17	20 27	27 13	3 52	11 23	2 57	23 31	0 43	14 47	1 22	23 11	0 6	22 40	0 54	16 22	0 18	19 13	0 4	16 15	6 38	17 57	17 48	21 18	3 20	2 59
S 18	20 38	26 38	4 32	11 56	2 50	23 40	0 45	14 36	1 21	23 12	0 6	22 40	0 54	16 23	0 18	19 13	0 4	16 15	6 38	17 56	17 48	21 21	3 19	2 59
S 19	20 50	24 45	5 0	12 29	2 42	23 50	0 47	14 25	1 20	23 13	0 6	22 40	0 54	16 24	0 18	19 13	0 4	16 15	6 38	17 56	17 47	21 23	3 18	2 58
M20	21 1	21 40	5 15	13 3	2 34	23 58	0 50	14 14	1 18	23 14	0 6	22 40	0 54	16 25	0 18	19 13	0 4	16 15	6 38	17 56	17 46	21 25	3 18	2 58
T 21	21 12	17 31	5 14	13 38	2 26	24 6	0 52	14 3	1 17	23 15	0 6	22 40	0 54	16 26	0 18	19 13	0 4	16 15	6 38	17 55	17 45	21 27	3 17	2 57
W22	21 22	12 26	4 58	14 14	2 17	24 13	0 54	13 51	1 16	23 16	0 6	22 40	0 53	16 27	0 18	19 13	0 4	16 15	6 38	17 55	17 44	21 30	3 16	2 56
T 23	21 32	6 37	4 25	14 51	2 8	24 19	0 56	13 40	1 14	23 17	0 5	22 40	0 53	16 28	0 18	19 14	0 4	16 15	6 37	17 55	17 43	21 32	3 16	2 56
F 24	21 41	0 20	3 36	15 27	1 58	24 25	0 58	13 28	1 13	23 17	0 5	22 40	0 53	16 29	0 18	19 14	0 4	16 15	6 37	17 56	17 42	21 34	3 15	2 55
S 25	21 51	6n11	2 32	16 4	1 48	24 30	1 0	13 17	1 12	23 18	0 5	22 40	0 53	16 29	0 18	19 14	0 4	16 15	6 37	17 56	17 42	21 36	3 14	2 55
S 26	21 59	12 33	1 16	16 42	1 38	24 34	1 2	13 5	1 11	23 19	0 5	22 40	0 53	16 30	0 18	19 14	0 4	16 15	6 37	17 56	17 41	21 39	3 14	2 54
M27	22 8	18 19	0n 6	17 19	1 27	24 37	1 4	12 53	1 9	23 20	0 5	22 40	0 53	16 31	0 18	19 14	0 4	16 14	6 37	17 56	17 40	21 41	3 13	2 53
T 28	22 16	22 58	1 28	17 56	1 16	24 40	1 6	12 41	1 8	23 21	0 5	22 40	0 53	16 32	0 18	19 14	0 4	16 14	6 37	17 56	17 39	21 43	3 13	2 53
W29	22 24	26 3	2 45	18 33	1 5	24 42	1 8	12 29	1 7	23 21	0 5	22 40	0 53	16 33	0 18	19 15	0 4	16 14	6 37	17 56	17 38	21 45	3 13	2 52
T 30	22 31	27 12	3 49	19 10	0 54	24 43	1 10	12 17	1 6	23 22	0 5	22 40	0 53	16 34	0 18	19 15	0 4	16 14	6 37	17 55	17 37	21 47	3 12	2 52
F 31	22n38	26n23	4n36	19n46	0s42	24n44	1n11	12n 5	1n 5	23n23	0s 5	22s40	0n53	16n35	0s18	19s15	0s 5	16s14	6n37	17n54	17n36	21s50	3s12	2s51

Julian Day Number = 2092637.5, Delta T = 23m01s
Ecliptic obliquity = 23°34'05, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'37, Lahiri = 10°09'37 Julian Calendar 1 May 1017 == Greg. Calendar 7 May 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

JUNE 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 59 19	15♊12'02	5♌54	2♊53	4♋ 3	1♍48	24♊46	28°R 0	16♉35	4°R44	15°R51	20°R12	19♉ 6	2♐13	1♎29	S 1
S 2	17 3 15	16° 9'15	19°48	4°54	5°16	2°20	25° 0	27♐56	16°38	4♒43	15♐49	20♉ 9	19° 3	2°19	1°30	S 2
M 3	17 7 12	17° 6'26	3♍15	6°57	6°29	2°51	25°13	27°51	16°41	4°42	15°48	20° 8	19° 0	2°26	1°31	M 3
T 4	17 11 8	18° 3'38	16°15	9° 2	7°43	3°23	25°27	27°47	16°45	4°41	15°46	20°D 7	18°56	2°33	1°32	T 4
W 5	17 15 5	19° 0'48	28°53	11° 9	8°56	3°55	25°40	27°43	16°48	4°40	15°45	20° 7	18°53	2°39	1°33	W 5
T 6	17 19 1	19°57'58	11♎12	13°16	10° 9	4°27	25°54	27°38	16°51	4°39	15°43	20° 8	18°50	2°46	1°35	T 6
F 7	17 22 58	20°55'08	23°16	15°25	11°22	4°59	26° 7	27°34	16°54	4°38	15°41	20°10	18°47	2°53	1°36	F 7
S 8	17 26 55	21°52'17	5♏11	17°35	12°35	5°31	26°21	27°30	16°57	4°37	15°40	20°12	18°44	2°59	1°38	S 8
S 9	17 30 51	22°49'26	17° 0	19°46	13°48	6° 4	26°34	27°25	17° 0	4°36	15°38	20°R13	18°41	3° 6	1°40	S 9
M10	17 34 48	23°46'35	28°48	21°56	15° 1	6°36	26°48	27°21	17° 3	4°35	15°37	20°12	18°37	3°12	1°41	M10
T 11	17 38 44	24°43'43	10♐36	24° 7	16°15	7° 9	27° 2	27°16	17° 6	4°34	15°35	20°10	18°34	3°19	1°43	T 11
W12	17 42 41	25°40'52	22°28	26°18	17°28	7°42	27°15	27°12	17° 9	4°33	15°34	20° 7	18°31	3°26	1°45	W12
T 13	17 46 37	26°38'00	4♑26	28°27	18°41	8°15	27°29	27° 8	17°12	4°32	15°32	20° 2	18°28	3°32	1°47	T 13
F 14	17 50 34	27°35'09	16°32	0♋37	19°54	8°48	27°42	27° 3	17°14	4°30	15°31	19°56	18°25	3°39	1°49	F 14
S 15	17 54 30	28°32'17	28°47	2°45	21° 7	9°22	27°56	26°59	17°17	4°29	15°29	19°49	18°22	3°46	1°52	S 15
S 16	17 58 27	29°29'26	11♒12	4°52	22°20	9°55	28° 9	26°54	17°20	4°28	15°28	19°42	18°18	3°52	1°54	S 16
M17	18 2 24	0♋26'35	23°50	6°58	23°33	10°28	28°23	26°50	17°23	4°27	15°26	19°37	18°15	3°59	1°57	M17
T 18	18 6 20	1°23'45	6♓42	9° 2	24°46	11° 2	28°37	26°45	17°26	4°25	15°25	19°32	18°12	4° 6	1°59	T 18
W19	18 10 17	2°20'54	19°50	11° 5	25°58	11°36	28°50	26°41	17°28	4°24	15°23	19°30	18° 9	4°12	2° 2	W19
T 20	18 14 13	3°18'05	3♈16	13° 6	27°11	12°10	29° 4	26°37	17°31	4°23	15°22	19°D29	18° 6	4°19	2° 5	T 20
F 21	18 18 10	4°15'16	17° 1	15° 5	28°24	12°44	29°17	26°32	17°34	4°21	15°20	19°30	18° 2	4°26	2° 8	F 21
S 22	18 22 6	5°12'27	1♉ 7	17° 3	29°37	13°18	29°31	26°28	17°36	4°20	15°19	19°31	17°59	4°32	2°11	S 22
S 23	18 26 3	6° 9'39	15°32	18°59	0♌50	13°52	29°44	26°24	17°39	4°19	15°17	19°R32	17°56	4°39	2°14	S 23
M24	18 29 59	7° 6'52	0♊15	20°53	2° 3	14°27	29°58	26°19	17°41	4°17	15°16	19°31	17°53	4°46	2°17	M24
T 25	18 33 56	8° 4'05	15°11	22°45	3°16	15° 2	0♋11	26°15	17°44	4°16	15°15	19°29	17°50	4°52	2°21	T 25
W26	18 37 53	9° 1'19	0♋11	24°36	4°29	15°36	0°25	26°11	17°46	4°14	15°13	19°25	17°47	4°59	2°24	W26
T 27	18 41 49	9°58'34	15° 8	26°24	5°41	16°11	0°38	26° 6	17°49	4°13	15°12	19°18	17°43	5° 6	2°28	T 27
F 28	18 45 46	10°55'49	29°52	28°11	6°54	16°46	0°52	26° 2	17°51	4°12	15°11	19°11	17°40	5°12	2°31	F 28
S 29	18 49 42	11°53'04	14♌17	29°56	8° 7	17°21	1° 5	25°58	17°54	4°10	15° 9	19° 3	17°37	5°19	2°35	S 29
S 30	18 53 39	12♋50'20	28♌16	1♌39	9♌20	17♍56	1♋19	25♐54	17♉56	4♒ 9	15♐ 8	18♉55	17♉34	5♐26	2♎39	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n45	23n49	5n 5	20n21	0s31	24n44	1n13	11n52	1n 3	23n23	0s 5	22s40	0n53	16n36	0s18	19s15	0s 5	16s14	6n37	17n53	17n35	21s52	3s12	2s50
S 2	22 51	19 55	5 14	20 55	0 19	24 43	1 15	11 40	1 2	23 24	0 4	22 40	0 53	16 37	0 18	19 16	0 5	16 14	6 37	17 53	17 35	21 54	3 12	2 50
M 3	22 56	15 7	5 6	21 27	0 8	24 41	1 17	11 27	1 1	23 25	0 4	22 40	0 53	16 38	0 18	19 16	0 5	16 14	6 37	17 52	17 34	21 56	3 11	2 49
T 4	23 2	9 47	4 42	21 58	0n 3	24 39	1 18	11 15	1 0	23 25	0 4	22 40	0 53	16 39	0 18	19 16	0 5	16 14	6 36	17 52	17 33	21 58	3 11	2 49
W 5	23 7	4 12	4 5	22 28	0 14	24 35	1 20	11 2	0 59	23 26	0 4	22 40	0 53	16 40	0 18	19 16	0 5	16 14	6 36	17 52	17 32	22 0	3 11	2 48
T 6	23 11	1s25	3 18	22 55	0 24	24 32	1 21	10 49	0 57	23 26	0 4	22 40	0 53	16 40	0 18	19 17	0 5	16 14	6 36	17 52	17 31	22 3	3 11	2 47
F 7	23 15	6 53	2 22	23 20	0 34	24 27	1 23	10 36	0 56	23 27	0 4	22 40	0 53	16 41	0 18	19 17	0 5	16 14	6 36	17 53	17 30	22 5	3 11	2 47
S 8	23 19	12 3	1 21	23 43	0 44	24 22	1 24	10 23	0 55	23 27	0 4	22 40	0 52	16 42	0 18	19 17	0 5	16 14	6 36	17 53	17 29	22 7	3 11	2 46
S 9	23 22	16 43	0 18	24 3	0 53	24 16	1 25	10 10	0 54	23 28	0 4	22 40	0 52	16 43	0 18	19 17	0 5	16 14	6 36	17 54	17 28	22 9	3 12	2 46
M10	23 25	20 46	0s47	24 21	1 2	24 9	1 27	9 57	0 53	23 28	0 4	22 40	0 52	16 44	0 18	19 18	0 5	16 14	6 36	17 53	17 28	22 11	3 12	2 45
T 11	23 28	23 57	1 49	24 36	1 10	24 2	1 28	9 44	0 52	23 29	0 4	22 40	0 52	16 45	0 18	19 18	0 5	16 14	6 36	17 53	17 27	22 13	3 12	2 44
W12	23 30	26 8	2 47	24 48	1 17	23 53	1 29	9 31	0 51	23 29	0 3	22 40	0 52	16 46	0 18	19 18	0 5	16 14	6 35	17 52	17 26	22 15	3 12	2 44
T 13	23 31	27 7	3 38	24 58	1 24	23 45	1 30	9 17	0 50	23 29	0 3	22 40	0 52	16 46	0 18	19 19	0 5	16 14	6 35	17 51	17 25	22 17	3 13	2 43
F 14	23 33	26 50	4 19	25 4	1 30	23 35	1 31	9 4	0 48	23 30	0 3	22 40	0 52	16 47	0 18	19 19	0 5	16 14	6 35	17 49	17 24	22 20	3 13	2 43
S 15	23 34	25 14	4 49	25 8	1 35	23 25	1 32	8 50	0 47	23 30	0 3	22 40	0 52	16 48	0 18	19 19	0 5	16 14	6 35	17 47	17 23	22 22	3 13	2 42
S 16	23 34	22 25	5 6	25 9	1 40	23 14	1 33	8 36	0 46	23 30	0 3	22 40	0 52	16 49	0 18	19 19	0 5	16 14	6 35	17 45	17 22	22 24	3 14	2 42
M17	23 34	18 30	5 9	25 7	1 44	23 2	1 34	8 23	0 45	23 31	0 3	22 40	0 52	16 50	0 18	19 20	0 5	16 14	6 35	17 44	17 21	22 26	3 14	2 41
T 18	23 34	13 41	4 56	25 2	1 47	22 50	1 34	8 9	0 44	23 31	0 3	22 40	0 52	16 50	0 18	19 20	0 5	16 14	6 34	17 43	17 21	22 28	3 15	2 40
W19	23 33	8 9	4 28	24 55	1 49	22 37	1 35	7 55	0 43	23 31	0 3	22 40	0 52	16 51	0 18	19 20	0 5	16 14	6 34	17 42	17 20	22 30	3 15	2 40
T 20	23 32	2 7	3 44	24 46	1 51	22 24	1 36	7 41	0 42	23 31	0 3	22 40	0 51	16 52	0 18	19 21	0 5	16 14	6 34	17 42	17 19	22 32	3 16	2 39
F 21	23 30	4n 9	2 47	24 34	1 52	22 10	1 36	7 27	0 41	23 31	0 3	22 40	0 51	16 53	0 18	19 21	0 5	16 14	6 34	17 42	17 18	22 34	3 17	2 39
S 22	23 28	10 24	1 38	24 20	1 52	21 55	1 37	7 13	0 40	23 32	0 2	22 40	0 51	16 53	0 18	19 21	0 5	16 14	6 34	17 42	17 17	22 36	3 17	2 38
S 23	23 25	16 14	0 22	24 4	1 52	21 39	1 37	6 59	0 39	23 32	0 2	22 40	0 51	16 54	0 18	19 22	0 5	16 14	6 34	17 42	17 16	22 38	3 18	2 37
M24	23 23	21 15	0n58	23 46	1 51	21 23	1 37	6 44	0 38	23 32	0 2	22 40	0 51	16 55	0 18	19 22	0 5	16 14	6 33	17 42	17 15	22 40	3 19	2 37
T 25	23 19	24 57	2 14	23 26	1 49	21 7	1 38	6 30	0 37	23 32	0 2	22 40	0 51	16 56	0 18	19 22	0 5	16 14	6 33	17 42	17 14	22 43	3 20	2 36
W26	23 16	26 55	3 21	23 4	1 47	20 50	1 38	6 15	0 36	23 32	0 2	22 40	0 51	16 56	0 18	19 23	0 5	16 14	6 33	17 41	17 13	22 45	3 20	2 36
T 27	23 11	26 55	4 14	22 41	1 44	20 32	1 38	6 1	0 35	23 32	0 2	22 40	0 51	16 57	0 18	19 23	0 5	16 14	6 33	17 39	17 12	22 47	3 21	2 35
F 28	23 7	25 0	4 50	22 17	1 41	20 14	1 38	5 46	0 34	23 32	0 2	22 40	0 51	16 58	0 18	19 24	0 5	16 14	6 33	17 37	17 12	22 49	3 22	2 35
S 29	23 2	21 30	5 6	21 51	1 37	19 55	1 38	5 32	0 33	23 32	0 2	22 40	0 51	16 58	0 18	19 24	0 5	16 14	6 32	17 35	17 11	22 51	3 23	2 34
S 30	22n57	16n52	5n 3	21n24	1n32	19n35	1n38	5n17	0n32	23n32	0s 2	22s40	0n50	16n59	0s18	19s24	0s 5	16s14	6n32	17n32	17n10	22s53	3s24	2s34

Julian Day Number = 2092668.5, Delta T = 23m01s
Ecliptic obliquity = 23°34'05, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'41, Lahiri = 10°09'42 Julian Calendar 1 June 1017 == Greg. Calendar 7 June 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

JULY 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 57 35	13♋47'36	11♍47	3♌20	10♌32	18♍32	1♋32	25°R50	17♉58	4°R 7	15°R 7	18°R49	17♉31	5♐32	2♎43	M 1
T 2	19 1 32	14°44'52	24°51	4°59	11°45	19° 7	1°45	25♐46	18° 1	4♒ 6	15♐ 5	18♉45	17°28	5°39	2°47	T 2
W 3	19 5 29	15°42'09	7♎30	6°37	12°58	19°43	1°59	25°42	18° 3	4° 4	15° 4	18°43	17°24	5°45	2°51	W 3
T 4	19 9 25	16°39'26	19°49	8°12	14°10	20°18	2°12	25°38	18° 5	4° 3	15° 3	18°D43	17°21	5°52	2°55	T 4
F 5	19 13 22	17°36'43	1♏52	9°46	15°23	20°54	2°25	25°34	18° 7	4° 1	15° 1	18°44	17°18	5°59	3° 0	F 5
S 6	19 17 18	18°34'01	13°45	11°18	16°35	21°30	2°39	25°30	18° 9	3°59	15° 0	18°R44	17°15	6° 5	3° 4	S 6
S 7	19 21 15	19°31'19	25°34	12°48	17°48	22° 6	2°52	25°26	18°11	3°58	14°59	18°44	17°12	6°12	3° 9	S 7
M 8	19 25 11	20°28'39	7♐21	14°17	19° 1	22°42	3° 5	25°22	18°13	3°56	14°58	18°42	17° 8	6°19	3°13	M 8
T 9	19 29 8	21°25'58	19°13	15°43	20°13	23°18	3°18	25°18	18°15	3°55	14°57	18°38	17° 5	6°25	3°18	T 9
W10	19 33 4	22°23'19	1♑11	17° 8	21°25	23°54	3°32	25°15	18°17	3°53	14°55	18°32	17° 2	6°32	3°23	W10
T 11	19 37 1	23°20'40	13°19	18°30	22°38	24°31	3°45	25°11	18°19	3°52	14°54	18°23	16°59	6°39	3°28	T 11
F 12	19 40 58	24°18'02	25°37	19°51	23°50	25° 7	3°58	25° 8	18°21	3°50	14°53	18°12	16°56	6°45	3°32	F 12
S 13	19 44 54	25°15'26	8♒ 7	21° 9	25° 3	25°44	4°11	25° 4	18°23	3°48	14°52	18° 0	16°53	6°52	3°38	S 13
S 14	19 48 51	26°12'50	20°49	22°26	26°15	26°20	4°24	25° 1	18°25	3°47	14°51	17°49	16°49	6°59	3°43	S 14
M15	19 52 47	27°10'15	3♓44	23°40	27°27	26°57	4°37	24°57	18°27	3°45	14°50	17°39	16°46	7° 5	3°48	M15
T 16	19 56 44	28° 7'41	16°50	24°52	28°40	27°34	4°50	24°54	18°28	3°43	14°49	17°31	16°43	7°12	3°53	T 16
W17	20 0 40	29° 5'09	0♈ 8	26° 2	29°52	28°11	5° 3	24°51	18°30	3°42	14°48	17°25	16°40	7°19	3°58	W17
T 18	20 4 37	0♎ 2'38	13°39	27°10	1♍ 4	28°48	5°16	24°47	18°32	3°40	14°47	17°22	16°37	7°25	4° 4	T 18
F 19	20 8 33	1° 0'08	27°22	28°15	2°16	29°25	5°29	24°44	18°33	3°39	14°46	17°D21	16°34	7°32	4° 9	F 19
S 20	20 12 30	1°57'40	11♉20	29°17	3°28	0♎ 3	5°41	24°41	18°35	3°37	14°45	17°R21	16°30	7°39	4°15	S 20
S 21	20 16 27	2°55'13	25°32	0♍17	4°41	0°40	5°54	24°38	18°36	3°35	14°44	17°21	16°27	7°45	4°21	S 21
M22	20 20 23	3°52'48	9♊56	1°15	5°53	1°18	6° 7	24°35	18°38	3°34	14°43	17°20	16°24	7°52	4°27	M22
T 23	20 24 20	4°50'25	24°30	2° 9	7° 5	1°55	6°20	24°32	18°39	3°32	14°42	17°16	16°21	7°59	4°32	T 23
W24	20 28 16	5°48'03	9♋10	3° 0	8°17	2°33	6°32	24°30	18°40	3°30	14°42	17° 9	16°18	8° 5	4°38	W24
T 25	20 32 13	6°45'42	23°48	3°49	9°29	3°11	6°45	24°27	18°42	3°29	14°41	17° 0	16°14	8°12	4°44	T 25
F 26	20 36 9	7°43'23	8♌18	4°33	10°41	3°49	6°57	24°24	18°43	3°27	14°40	16°49	16°11	8°19	4°50	F 26
S 27	20 40 6	8°41'05	22°32	5°14	11°53	4°27	7°10	24°22	18°44	3°26	14°39	16°37	16° 8	8°25	4°56	S 27
S 28	20 44 2	9°38'48	6♍25	5°52	13° 5	5° 5	7°22	24°19	18°45	3°24	14°38	16°27	16° 5	8°32	5° 3	S 28
M29	20 47 59	10°36'32	19°54	6°25	14°16	5°43	7°35	24°17	18°46	3°22	14°38	16°17	16° 2	8°39	5° 9	M29
T 30	20 51 56	11°34'18	2♎57	6°55	15°28	6°21	7°47	24°15	18°47	3°21	14°37	16°10	15°59	8°45	5°15	T 30
W31	20 55 52	12♌32'05	15♎37	7♍19	16♍40	7♎ 0	7♋59	24♐12	18♉48	3♒19	14♐36	16♉ 6	15♉55	8♐52	5♎22	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n51	11n32	4n43	20n56	1n27	19n15	1n38	5n 2	0n31	23n32	0s 2	22s40	0n50	17n 0	0s18	19s25	0s 5	16s14	6n32	17n31	17n 9	22s55	3s25	2s33
T 2	22 45	5 51	4 8	20 27	1 22	18 55	1 37	4 47	0 30	23 32	0 1	22 40	0 50	17 0	0 18	19 25	0 5	16 14	6 32	17 30	17 8	22 57	3 27	2 33
W 3	22 38	0 7	3 23	19 57	1 16	18 34	1 37	4 32	0 29	23 32	0 1	22 40	0 50	17 1	0 18	19 25	0 5	16 14	6 32	17 29	17 7	22 59	3 28	2 32
T 4	22 31	5s30	2 29	19 26	1 10	18 12	1 37	4 17	0 28	23 32	0 1	22 40	0 50	17 1	0 18	19 26	0 5	16 14	6 31	17 29	17 6	23 1	3 29	2 31
F 5	22 24	10 48	1 29	18 55	1 3	17 50	1 36	4 2	0 27	23 32	0 1	22 40	0 50	17 2	0 18	19 26	0 5	16 14	6 31	17 29	17 5	23 3	3 30	2 31
S 6	22 16	15 38	0 27	18 23	0 56	17 28	1 36	3 47	0 26	23 31	0 1	22 40	0 50	17 3	0 18	19 27	0 5	16 15	6 31	17 29	17 4	23 5	3 31	2 30
S 7	22 8	19 51	0s36	17 50	0 49	17 5	1 35	3 32	0 25	23 31	0 1	22 40	0 50	17 3	0 18	19 27	0 5	16 15	6 31	17 29	17 4	23 7	3 33	2 30
M 8	22 0	23 16	1 38	17 17	0 41	16 42	1 34	3 17	0 24	23 31	0 1	22 40	0 49	17 4	0 18	19 27	0 5	16 15	6 31	17 29	17 3	23 9	3 34	2 29
T 9	21 51	25 42	2 35	16 44	0 33	16 18	1 33	3 2	0 23	23 31	0 1	22 40	0 49	17 4	0 18	19 28	0 5	16 15	6 30	17 28	17 2	23 11	3 35	2 29
W10	21 42	27 0	3 26	16 10	0 24	15 54	1 33	2 47	0 22	23 31	0 1	22 40	0 49	17 5	0 18	19 28	0 5	16 15	6 30	17 26	17 1	23 13	3 37	2 28
T 11	21 32	27 1	4 8	15 36	0 15	15 29	1 32	2 31	0 21	23 30	0 1	22 40	0 49	17 5	0 18	19 28	0 5	16 15	6 30	17 23	17 0	23 15	3 38	2 28
F 12	21 22	25 42	4 40	15 3	0 6	15 4	1 31	2 16	0 21	23 30	0 0	22 40	0 49	17 6	0 18	19 29	0 5	16 15	6 30	17 21	16 59	23 17	3 40	2 27
S 13	21 12	23 7	4 58	14 29	0s 3	14 39	1 29	2 0	0 20	23 30	0 0	22 40	0 49	17 6	0 18	19 29	0 5	16 15	6 29	17 17	16 58	23 19	3 41	2 27
S 14	21 1	19 23	5 2	13 55	0 13	14 13	1 28	1 45	0 19	23 29	0 0	22 40	0 49	17 7	0 18	19 30	0 5	16 15	6 29	17 14	16 57	23 21	3 43	2 26
M15	20 50	14 42	4 51	13 21	0 22	13 47	1 27	1 29	0 18	23 29	0 0	22 40	0 49	17 7	0 18	19 30	0 5	16 16	6 29	17 11	16 56	23 23	3 45	2 26
T 16	20 39	9 17	4 24	12 48	0 32	13 20	1 26	1 14	0 17	23 29	0 0	22 40	0 48	17 8	0 18	19 30	0 5	16 16	6 29	17 9	16 55	23 25	3 46	2 25
W17	20 27	3 21	3 43	12 14	0 43	12 54	1 24	0 58	0 16	23 28	0n 0	22 40	0 48	17 8	0 18	19 31	0 5	16 16	6 28	17 7	16 54	23 26	3 48	2 25
T 18	20 15	2n49	2 49	11 41	0 53	12 26	1 23	0 43	0 15	23 28	0 0	22 40	0 48	17 9	0 18	19 31	0 5	16 16	6 28	17 6	16 54	23 28	3 50	2 24
F 19	20 3	8 59	1 44	11 9	1 4	11 59	1 21	0 27	0 14	23 27	0 0	22 40	0 48	17 9	0 18	19 32	0 5	16 16	6 28	17 6	16 53	23 30	3 51	2 24
S 20	19 50	14 48	0 32	10 37	1 15	11 31	1 19	0 11	0 13	23 27	0 0	22 40	0 48	17 10	0 18	19 32	0 5	16 16	6 28	17 6	16 52	23 32	3 53	2 23
S 21	19 37	19 57	0n43	10 6	1 26	11 3	1 18	0s 5	0 12	23 27	0 0	22 40	0 48	17 10	0 18	19 32	0 5	16 16	6 27	17 6	16 51	23 34	3 55	2 23
M22	19 23	23 59	1 57	9 35	1 37	10 35	1 16	0 20	0 12	23 26	0 1	22 40	0 48	17 10	0 18	19 33	0 5	16 17	6 27	17 6	16 50	23 36	3 57	2 22
T 23	19 9	26 30	3 3	9 5	1 48	10 6	1 14	0 36	0 11	23 26	0 1	22 40	0 48	17 11	0 18	19 33	0 5	16 17	6 27	17 5	16 49	23 38	3 59	2 22
W24	18 55	27 12	3 58	8 37	1 59	9 37	1 12	0 52	0 10	23 25	0 1	22 40	0 47	17 11	0 18	19 34	0 5	16 17	6 27	17 3	16 48	23 40	4 1	2 21
T 25	18 41	26 0	4 37	8 9	2 10	9 8	1 10	1 8	0 9	23 25	0 1	22 40	0 47	17 11	0 18	19 34	0 5	16 17	6 26	17 0	16 47	23 42	4 3	2 21
F 26	18 26	23 4	4 58	7 42	2 21	8 39	1 8	1 24	0 8	23 24	0 1	22 40	0 47	17 12	0 18	19 34	0 5	16 17	6 26	16 57	16 46	23 44	4 5	2 20
S 27	18 11	18 47	4 59	7 17	2 32	8 9	1 6	1 40	0 7	23 23	0 1	22 40	0 47	17 12	0 18	19 35	0 5	16 18	6 26	16 54	16 45	23 45	4 7	2 20
S 28	17 56	13 35	4 43	6 53	2 43	7 40	1 4	1 56	0 6	23 23	0 1	22 40	0 47	17 12	0 18	19 35	0 5	16 18	6 25	16 51	16 44	23 47	4 9	2 19
M29	17 40	7 52	4 11	6 30	2 54	7 10	1 1	2 12	0 6	23 22	0 1	22 40	0 47	17 13	0 18	19 36	0 5	16 18	6 25	16 48	16 43	23 49	4 11	2 19
T 30	17 24	1 59	3 27	6 10	3 5	6 40	0 59	2 28	0 5	23 22	0 1	22 40	0 47	17 13	0 18	19 36	0 5	16 18	6 25	16 46	16 43	23 51	4 13	2 19
W31	17n 8	3s49	2n34	5n51	3s15	6n 9	0n56	2s44	0n 4	23n21	0n 1	22s40	0n46	17n13	0s18	19s36	0s 5	16s18	6n25	16n45	16n42	23s53	4s15	2s18

Julian Day Number = 2092698.5, Delta T = 23m00s
Ecliptic obliquity = 23°34'05, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'45, Lahiri = 10°09'46 Julian Calendar 1 July 1017 == Greg. Calendar 7 July 1017

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1017
geocentric

AUGUST 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 59 49	13♌29'53	27♎57	7♍40	17♍52	7♎38	8♋11	24°R10	18♉49	3°R17	14°R36	16°R 4	15♉52	8♐58	5♎28	T 1
F 2	21 3 45	14°27'42	10♏ 1	7°55	19° 3	8°17	8°23	24♐ 8	18°50	3♒16	14♐35	16♉ 3	15°49	9° 5	5°35	F 2
S 3	21 7 42	15°25'33	21°55	8° 5	20°15	8°55	8°36	24° 6	18°51	3°14	14°35	16° 3	15°46	9°12	5°41	S 3
S 4	21 11 38	16°23'25	3♐44	8°R 9	21°27	9°34	8°48	24° 4	18°52	3°13	14°34	16° 3	15°43	9°18	5°48	S 4
M 5	21 15 35	17°21'18	15°33	8° 8	22°38	10°13	9° 0	24° 3	18°53	3°11	14°34	16° 0	15°40	9°25	5°55	M 5
T 6	21 19 31	18°19'13	27°28	8° 2	23°50	10°52	9°11	24° 1	18°53	3°10	14°33	15°56	15°36	9°32	6° 2	T 6
W 7	21 23 28	19°17'09	9♑32	7°49	25° 1	11°31	9°23	23°59	18°54	3° 8	14°33	15°49	15°33	9°38	6° 9	W 7
T 8	21 27 25	20°15'06	21°49	7°30	26°13	12°10	9°35	23°58	18°55	3° 6	14°32	15°39	15°30	9°45	6°15	T 8
F 9	21 31 21	21°13'05	4♒20	7° 5	27°24	12°49	9°47	23°56	18°55	3° 5	14°32	15°27	15°27	9°52	6°22	F 9
S 10	21 35 18	22°11'05	17° 7	6°34	28°35	13°28	9°58	23°55	18°56	3° 3	14°32	15°14	15°24	9°58	6°29	S 10
S 11	21 39 14	23° 9'08	0♓ 9	5°57	29°47	14° 8	10°10	23°54	18°56	3° 2	14°31	15° 1	15°20	10° 5	6°37	S 11
M12	21 43 11	24° 7'11	13°25	5°15	0♎58	14°47	10°21	23°53	18°57	3° 0	14°31	14°50	15°17	10°12	6°44	M12
T 13	21 47 7	25° 5'17	26°53	4°28	2° 9	15°27	10°33	23°52	18°57	2°59	14°31	14°41	15°14	10°18	6°51	T 13
W14	21 51 4	26° 3'24	10♈31	3°37	3°20	16° 6	10°44	23°51	18°57	2°57	14°30	14°35	15°11	10°25	6°58	W14
T 15	21 55 0	27° 1'34	24°17	2°42	4°31	16°46	10°55	23°50	18°57	2°56	14°30	14°31	15° 8	10°32	7° 6	T 15
F 16	21 58 57	27°59'45	8♉10	1°44	5°42	17°26	11° 6	23°49	18°58	2°54	14°30	14°30	15° 5	10°38	7°13	F 16
S 17	22 2 54	28°57'59	22°10	0°45	6°53	18° 6	11°18	23°48	18°58	2°53	14°30	14°30	15° 1	10°45	7°20	S 17
S 18	22 6 50	29°56'15	6♊16	29♌46	8° 4	18°46	11°28	23°48	18°58	2°52	14°30	14°30	14°58	10°52	7°28	S 18
M19	22 10 47	0♍54'33	20°27	28°48	9°15	19°26	11°39	23°47	18°58	2°50	14°30	14°29	14°55	10°58	7°35	M19
T 20	22 14 43	1°52'53	4♋41	27°52	10°26	20° 6	11°50	23°47	18°R58	2°49	14°30	14°25	14°52	11° 5	7°43	T 20
W21	22 18 40	2°51'15	18°57	27° 1	11°36	20°46	12° 1	23°47	18°58	2°47	14°D30	14°19	14°49	11°12	7°51	W21
T 22	22 22 36	3°49'40	3♌ 9	26°14	12°47	21°27	12°12	23°47	18°58	2°46	14°30	14°10	14°46	11°18	7°58	T 22
F 23	22 26 33	4°48'06	17°14	25°33	13°58	22° 7	12°22	23°D47	18°58	2°45	14°30	14° 0	14°42	11°25	8° 6	F 23
S 24	22 30 29	5°46'35	1♍ 7	25° 0	15° 8	22°48	12°33	23°47	18°57	2°43	14°30	13°49	14°39	11°32	8°14	S 24
S 25	22 34 26	6°45'05	14°44	24°35	16°19	23°28	12°43	23°47	18°57	2°42	14°30	13°38	14°36	11°38	8°21	S 25
M26	22 38 23	7°43'37	28° 0	24°19	17°29	24° 9	12°53	23°47	18°57	2°41	14°30	13°29	14°33	11°45	8°29	M26
T 27	22 42 19	8°42'11	10♎56	24°D12	18°40	24°50	13° 3	23°47	18°56	2°40	14°30	13°22	14°30	11°52	8°37	T 27
W28	22 46 16	9°40'47	23°32	24°14	19°50	25°30	13°14	23°48	18°56	2°38	14°30	13°18	14°26	11°58	8°45	W28
T 29	22 50 12	10°39'24	5♏50	24°26	21° 0	26°11	13°24	23°48	18°56	2°37	14°31	13°16	14°23	12° 5	8°53	T 29
F 30	22 54 9	11°38'04	17°54	24°47	22°11	26°52	13°33	23°49	18°55	2°36	14°31	13°D16	14°20	12°12	9° 1	F 30
S 31	22 58 5	12♍36'45	29♏48	25♌18	23♎21	27♎33	13♋43	23♐49	18♉55	2♒35	14♐31	13♉16	14♉17	12♐18	9♎ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16n52	9s20	1n34	5n34	3s25	5n39	0n54	3s 0	0n 3	23n20	0n 2	22s40	0n46	17n14	0s18	19s37	0s 5	16s19	6n24	16n44	16n41	23s55	4s17	2s18	
F 2	16 35	14 24	0 32	5 19	3 35	5 8	0 51	3 16	0 2	23 20	0 2	22 40	0 46	17 14	0 18	19 37	0 5	16 19	6 24	16 44	16 40	23 57	4 20	2 17	
S 3	16 18	18 51	0s31	5 7	3 44	4 38	0 49	3 32	0 1	23 19	0 2	22 40	0 46	17 14	0 18	19 37	0 5	16 19	6 24	16 44	16 39	23 58	4 22	2 17	
S 4	16 1	22 31	1 32	4 57	3 53	4 7	0 46	3 48	0 1	23 18	0 2	22 40	0 46	17 14	0 18	19 38	0 5	16 19	6 23	16 44	16 38	24 0	4 24	2 16	
M 5	15 43	25 15	2 29	4 50	4 1	3 36	0 43	4 4	0s 0	23 18	0 2	22 40	0 46	17 14	0 18	19 38	0 5	16 19	6 23	16 43	16 37	24 2	4 26	2 16	
T 6	15 25	26 53	3 20	4 46	4 8	3 5	0 40	4 20	0 1	23 17	0 2	22 40	0 46	17 15	0 18	19 39	0 5	16 20	6 23	16 42	16 36	24 4	4 29	2 15	
W 7	15 7	27 16	4 3	4 45	4 15	2 34	0 37	4 36	0 2	23 16	0 2	22 41	0 45	17 15	0 18	19 39	0 5	16 20	6 23	16 40	16 35	24 6	4 31	2 15	
T 8	14 49	26 19	4 35	4 47	4 20	2 3	0 35	4 52	0 3	23 16	0 2	22 41	0 45	17 15	0 18	19 39	0 5	16 20	6 22	16 37	16 34	24 8	4 33	2 15	
F 9	14 30	24 3	4 55	4 52	4 24	1 31	0 32	5 9	0 3	23 15	0 2	22 41	0 45	17 15	0 18	19 40	0 5	16 20	6 22	16 33	16 33	24 9	4 36	2 14	
S 10	14 11	20 33	5 0	5 1	4 26	1 0	0 28	5 25	0 4	23 14	0 3	22 41	0 45	17 15	0 18	19 40	0 5	16 21	6 22	16 30	16 32	24 11	4 38	2 14	
S 11	13 52	16 0	4 50	5 14	4 28	0 29	0 25	5 41	0 5	23 13	0 3	22 41	0 45	17 15	0 18	19 40	0 5	16 21	6 21	16 26	16 31	24 13	4 41	2 13	
M12	13 33	10 37	4 24	5 30	4 27	0s 3	0 22	5 57	0 6	23 12	0 3	22 41	0 45	17 15	0 18	19 41	0 5	16 21	6 21	16 22	16 30	24 15	4 43	2 13	
T 13	13 14	4 40	3 44	5 49	4 25	0 34	0 19	6 13	0 7	23 12	0 3	22 41	0 45	17 16	0 18	19 41	0 5	16 21	6 21	16 20	16 30	24 17	4 46	2 13	
W14	12 54	1n35	2 49	6 11	4 21	1 6	0 16	6 29	0 7	23 11	0 3	22 41	0 44	17 16	0 18	19 42	0 5	16 22	6 21	16 18	16 29	24 18	4 48	2 12	
T 15	12 34	7 50	1 45	6 36	4 15	1 37	0 12	6 45	0 8	23 10	0 3	22 41	0 44	17 16	0 18	19 42	0 5	16 22	6 20	16 17	16 28	24 20	4 51	2 12	
F 16	12 14	13 47	0 33	7 4	4 7	2 8	0 9	7 1	0 9	23 9	0 3	22 41	0 44	17 16	0 18	19 42	0 5	16 22	6 20	16 16	16 27	24 22	4 53	2 11	
S 17	11 54	19 4	0n41	7 34	3 57	2 40	0 6	7 17	0 10	23 8	0 3	22 41	0 44	17 16	0 18	19 43	0 5	16 23	6 20	16 16	16 26	24 24	4 56	2 11	
S 18	11 33	23 19	1 53	8 6	3 45	3 11	0 2	7 33	0 10	23 8	0 3	22 42	0 44	17 16	0 18	19 43	0 5	16 23	6 19	16 16	16 25	24 25	4 58	2 11	
M19	11 13	26 11	2 58	8 39	3 31	3 42	0s 1	7 49	0 11	23 7	0 4	22 42	0 44	17 16	0 18	19 43	0 6	16 23	6 19	16 16	16 24	24 27	5 1	2 10	
T 20	10 52	27 22	3 53	9 12	3 16	4 14	0 5	8 5	0 12	23 6	0 4	22 42	0 43	17 16	0 18	19 44	0 6	16 23	6 19	16 15	16 23	24 29	5 4	2 10	
W21	10 31	26 44	4 33	9 46	3 0	4 45	0 9	8 21	0 13	23 5	0 4	22 42	0 43	17 16	0 18	19 44	0 6	16 24	6 18	16 13	16 22	24 31	5 6	2 9	
T 22	10 9	24 22	4 57	10 18	2 42	5 16	0 12	8 37	0 13	23 4	0 4	22 42	0 43	17 16	0 18	19 44	0 6	16 24	6 18	16 11	16 21	24 32	5 9	2 9	
F 23	9 48	20 32	5 2	10 49	2 24	5 47	0 16	8 53	0 14	23 3	0 4	22 42	0 43	17 16	0 18	19 44	0 6	16 24	6 18	16 8	16 20	24 34	5 12	2 9	
S 24	9 27	15 37	4 49	11 18	2 4	6 18	0 20	9 8	0 15	23 2	0 4	22 42	0 43	17 16	0 18	19 45	0 6	16 25	6 18	16 4	16 19	24 36	5 15	2 8	
S 25	9 5	10 2	4 19	11 45	1 45	6 48	0 23	9 24	0 16	23 2	0 4	22 43	0 43	17 16	0 18	19 45	0 6	16 25	6 17	16 1	16 18	24 37	5 17	2 8	
M26	8 43	4 6	3 37	12 9	1 25	7 19	0 27	9 40	0 16	23 1	0 4	22 43	0 43	17 15	0 18	19 45	0 6	16 25	6 17	15 58	16 17	24 39	5 20	2 8	
T 27	8 21	1s51	2 43	12 29	1 6	7 50	0 31	9 56	0 17	23 0	0 4	22 43	0 42	17 15	0 18	19 46	0 6	16 26	6 17	15 56	16 16	24 41	5 23	2 7	
W28	7 59	7 35	1 43	12 46	0 47	8 20	0 35	10 11	0 18	22 59	0 5	22 43	0 42	17 15	0 18	19 46	0 6	16 26	6 16	15 55	16 15	24 43	5 26	2 7	
T 29	7 37	12 55	0 40	13 0	0 29	8 50	0 38	10 27	0 18	22 58	0 5	22 43	0 42	17 15	0 18	19 46	0 6	16 26	6 16	15 54	16 15	24 44	5 29	2 7	
F 30	7 14	17 39	0s25	13 9	0 12	9 20	0 42	10 43	0 19	22 57	0 5	22 43	0 42	17 15	0 18	19 47	0 6	16 27	6 16	15 54	16 14	24 46	5 31	2 6	
S 31	6n52	21s38	1s27	13n14	0n 5	9s50	0s46	10s58	0s20	22n56	0n 5	22s44	0n42	17n15	0s18	19s47	0s 6	16s27	6n15	15n54	16n13	24s48	5s34	2s 6	

Julian Day Number = 2092729.5, Delta T = 23m00s
Ecliptic obliquity = 23°34'06, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'49, Lahiri = 10°09'50 Julian Calendar 1 Aug. 1017 == Greg. Calendar 7 Aug. 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

SEPTEMBER 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 2 2	13♍35'28	11♐37	25♌57	24♎31	28♎15	13♋53	23♐50	18°R54	2°R34	14♐32	13°R17	14♉14	12♐25	9♎17	S 1
M 2	23 5 58	14°34'12	23°27	26°46	25°41	28°56	14° 2	23°51	18♉53	2♒33	14°32	13♉17	14°11	12°32	9°25	M 2
T 3	23 9 55	15°32'59	5♑24	27°42	26°51	29°37	14°12	23°52	18°53	2°31	14°32	13°14	14° 7	12°38	9°33	T 3
W 4	23 13 52	16°31'47	17°31	28°45	28° 0	0♏18	14°21	23°53	18°52	2°30	14°33	13°10	14° 4	12°45	9°41	W 4
T 5	23 17 48	17°30'37	29°53	29°55	29°10	1° 0	14°30	23°55	18°51	2°29	14°33	13° 3	14° 1	12°52	9°50	T 5
F 6	23 21 45	18°29'29	12♒33	1♍12	0♏20	1°41	14°39	23°56	18°50	2°28	14°34	12°55	13°58	12°58	9°58	F 6
S 7	23 25 41	19°28'23	25°32	2°33	1°29	2°23	14°48	23°57	18°49	2°27	14°34	12°46	13°55	13° 5	10° 6	S 7
S 8	23 29 38	20°27'18	8♓52	4° 0	2°39	3° 5	14°57	23°59	18°48	2°26	14°35	12°37	13°52	13°12	10°14	S 8
M 9	23 33 34	21°26'16	22°29	5°30	3°48	3°47	15° 6	24° 0	18°47	2°25	14°35	12°28	13°48	13°18	10°23	M 9
T 10	23 37 31	22°25'16	6♈21	7° 4	4°57	4°28	15°15	24° 2	18°46	2°25	14°36	12°22	13°45	13°25	10°31	T 10
W11	23 41 27	23°24'17	20°25	8°41	6° 7	5°10	15°23	24° 4	18°45	2°24	14°37	12°18	13°42	13°32	10°39	W11
T 12	23 45 24	24°23'21	4♉36	10°21	7°16	5°52	15°32	24° 6	18°44	2°23	14°37	12°16	13°39	13°38	10°48	T 12
F 13	23 49 20	25°22'28	18°50	12° 2	8°25	6°34	15°40	24° 8	18°43	2°22	14°38	12°D16	13°36	13°45	10°56	F 13
S 14	23 53 17	26°21'37	3♊ 4	13°45	9°34	7°17	15°48	24°10	18°42	2°21	14°39	12°17	13°32	13°52	11° 4	S 14
S 15	23 57 14	27°20'48	17°16	15°29	10°42	7°59	15°56	24°12	18°40	2°20	14°40	12°18	13°29	13°58	11°13	S 15
M16	0 1 10	28°20'02	1♋25	17°14	11°51	8°41	16° 4	24°14	18°39	2°20	14°40	12°R18	13°26	14° 5	11°21	M16
T 17	0 5 7	29°19'18	15°28	19° 0	13° 0	9°24	16°11	24°16	18°38	2°19	14°41	12°17	13°23	14°12	11°30	T 17
W18	0 9 3	0♎18'36	29°25	20°45	14° 8	10° 6	16°19	24°19	18°36	2°18	14°42	12°14	13°20	14°18	11°38	W18
T 19	0 13 0	1°17'57	13♌13	22°31	15°17	10°49	16°26	24°21	18°35	2°18	14°43	12° 9	13°17	14°25	11°47	T 19
F 20	0 16 56	2°17'20	26°52	24°17	16°25	11°31	16°34	24°24	18°33	2°17	14°44	12° 3	13°13	14°32	11°55	F 20
S 21	0 20 53	3°16'45	10♍18	26° 3	17°33	12°14	16°41	24°27	18°32	2°16	14°45	11°56	13°10	14°38	12° 4	S 21
S 22	0 24 49	4°16'12	23°31	27°49	18°41	12°57	16°48	24°30	18°30	2°16	14°46	11°50	13° 7	14°45	12°12	S 22
M23	0 28 46	5°15'42	6♎28	29°34	19°49	13°40	16°55	24°32	18°29	2°15	14°47	11°44	13° 4	14°52	12°21	M23
T 24	0 32 43	6°15'13	19°10	1♎19	20°57	14°23	17° 2	24°35	18°27	2°15	14°48	11°40	13° 1	14°58	12°29	T 24
W25	0 36 39	7°14'47	1♏36	3° 3	22° 5	15° 6	17° 8	24°39	18°25	2°14	14°49	11°38	12°57	15° 5	12°38	W25
T 26	0 40 36	8°14'23	13°48	4°47	23°12	15°49	17°15	24°42	18°24	2°14	14°50	11°D38	12°54	15°12	12°46	T 26
F 27	0 44 32	9°14'00	25°49	6°30	24°20	16°32	17°21	24°45	18°22	2°13	14°51	11°39	12°51	15°18	12°55	F 27
S 28	0 48 29	10°13'40	7♐42	8°12	25°27	17°15	17°27	24°48	18°20	2°13	14°52	11°40	12°48	15°25	13° 4	S 28
S 29	0 52 25	11°13'21	19°30	9°54	26°34	17°58	17°33	24°52	18°18	2°13	14°54	11°42	12°45	15°32	13°12	S 29
M30	0 56 22	12♎13'04	1♑20	11♎36	27♏41	18♏42	17♋39	24♐55	18♉16	2♒12	14♐55	11♉43	12♉42	15♐38	13♎21	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	6n29	24s42	2s26	13n15	0n20	10s19	0s50	11s14	0s21	22n55	0n 5	22s44	0n42	17n15	0s18	19s47	0s 6	16s27	6n15	15n55	16n12	24s49	5s37	2s 6	S 1
M 2	6 6	26 42	3 18	13 12	0 34	10 49	0 54	11 29	0 21	22 55	0 5	22 44	0 42	17 14	0 18	19 47	0 6	16 28	6 15	15 55	16 11	24 51	5 40	2 5	M 2
T 3	5 44	27 29	4 2	13 5	0 48	11 18	0 58	11 44	0 22	22 54	0 5	22 44	0 41	17 14	0 18	19 48	0 6	16 28	6 14	15 54	16 10	24 52	5 43	2 5	T 3
W 4	5 21	26 59	4 36	12 54	0 59	11 47	1 2	12 0	0 23	22 53	0 5	22 44	0 41	17 14	0 18	19 48	0 6	16 28	6 14	15 53	16 9	24 54	5 46	2 5	W 4
T 5	4 58	25 8	4 58	12 39	1 10	12 16	1 6	12 15	0 23	22 52	0 6	22 45	0 41	17 14	0 18	19 48	0 6	16 29	6 14	15 51	16 8	24 56	5 49	2 4	T 5
F 6	4 35	22 1	5 6	12 21	1 20	12 44	1 10	12 30	0 24	22 51	0 6	22 45	0 41	17 14	0 18	19 48	0 6	16 29	6 14	15 48	16 7	24 57	5 52	2 4	F 6
S 7	4 11	17 45	4 58	11 59	1 28	13 12	1 14	12 45	0 25	22 50	0 6	22 45	0 41	17 13	0 18	19 49	0 6	16 29	6 13	15 45	16 6	24 59	5 55	2 4	S 7
S 8	3 48	12 32	4 35	11 34	1 35	13 40	1 17	13 0	0 25	22 49	0 6	22 45	0 41	17 13	0 18	19 49	0 6	16 30	6 13	15 42	16 5	25 1	5 58	2 3	S 8
M 9	3 25	6 36	3 55	11 6	1 41	14 8	1 21	13 15	0 26	22 49	0 6	22 45	0 41	17 13	0 18	19 49	0 6	16 30	6 13	15 40	16 4	25 2	6 1	2 3	M 9
T 10	3 1	0 14	3 1	10 35	1 45	14 35	1 25	13 30	0 27	22 48	0 6	22 46	0 40	17 12	0 18	19 49	0 6	16 30	6 12	15 38	16 3	25 4	6 4	2 3	T 10
W11	2 38	6n15	1 55	10 2	1 49	15 2	1 29	13 45	0 27	22 47	0 6	22 46	0 40	17 12	0 18	19 50	0 6	16 31	6 12	15 37	16 2	25 5	6 7	2 2	W11
T 12	2 14	12 28	0 41	9 27	1 52	15 29	1 33	13 59	0 28	22 46	0 6	22 46	0 40	17 12	0 18	19 50	0 6	16 31	6 12	15 36	16 1	25 7	6 10	2 2	T 12
F 13	1 51	18 5	0n35	8 50	1 53	15 55	1 37	14 14	0 29	22 45	0 7	22 46	0 40	17 11	0 18	19 50	0 6	16 32	6 11	15 36	16 0	25 9	6 13	2 2	F 13
S 14	1 27	22 41	1 50	8 11	1 54	16 21	1 41	14 29	0 29	22 44	0 7	22 47	0 40	17 11	0 18	19 50	0 6	16 32	6 11	15 36	15 59	25 10	6 16	2 1	S 14
S 15	1 4	25 54	2 58	7 31	1 55	16 46	1 45	14 43	0 30	22 43	0 7	22 47	0 40	17 11	0 18	19 50	0 6	16 32	6 11	15 37	15 58	25 12	6 19	2 1	S 15
M16	0 40	27 28	3 54	6 49	1 54	17 12	1 49	14 57	0 31	22 43	0 7	22 47	0 40	17 10	0 18	19 50	0 6	16 33	6 11	15 37	15 57	25 13	6 22	2 1	M16
T 17	0 16	27 15	4 37	6 6	1 53	17 36	1 52	15 12	0 31	22 42	0 7	22 47	0 39	17 10	0 18	19 51	0 6	16 33	6 10	15 36	15 56	25 15	6 25	2 0	T 17
W18	0s 7	25 18	5 2	5 23	1 51	18 1	1 56	15 26	0 32	22 41	0 7	22 48	0 39	17 10	0 18	19 51	0 6	16 33	6 10	15 35	15 55	25 16	6 28	2 0	W18
T 19	0 31	21 53	5 10	4 38	1 48	18 25	2 0	15 40	0 32	22 40	0 7	22 48	0 39	17 9	0 18	19 51	0 6	16 34	6 10	15 34	15 54	25 18	6 31	2 0	T 19
F 20	0 55	17 18	4 59	3 53	1 45	18 48	2 4	15 54	0 33	22 40	0 7	22 48	0 39	17 9	0 18	19 51	0 6	16 34	6 9	15 32	15 54	25 20	6 34	2 0	F 20
S 21	1 19	11 57	4 33	3 8	1 42	19 12	2 7	16 7	0 34	22 39	0 8	22 48	0 39	17 8	0 18	19 51	0 6	16 35	6 9	15 30	15 53	25 21	6 37	1 59	S 21
S 22	1 42	6 8	3 52	2 22	1 38	19 34	2 11	16 21	0 34	22 38	0 8	22 49	0 39	17 8	0 18	19 51	0 6	16 35	6 9	15 28	15 52	25 23	6 40	1 59	S 22
M23	2 6	0 10	3 0	1 36	1 34	19 57	2 15	16 35	0 35	22 37	0 8	22 49	0 39	17 8	0 18	19 52	0 6	16 35	6 9	15 26	15 51	25 24	6 44	1 59	M23
T 24	2 30	5s42	2 0	0 50	1 29	20 19	2 18	16 48	0 35	22 37	0 8	22 49	0 38	17 7	0 18	19 52	0 6	16 36	6 8	15 25	15 50	25 26	6 47	1 59	T 24
W25	2 53	11 14	0 55	0 4	1 24	20 40	2 22	17 1	0 36	22 36	0 8	22 49	0 38	17 7	0 18	19 52	0 6	16 36	6 8	15 24	15 49	25 27	6 50	1 58	W25
T 26	3 17	16 15	0s12	0s42	1 19	21 1	2 25	17 15	0 37	22 35	0 8	22 50	0 38	17 6	0 18	19 52	0 6	16 37	6 8	15 24	15 48	25 29	6 53	1 58	T 26
F 27	3 41	20 34	1 17	1 28	1 14	21 21	2 29	17 28	0 37	22 35	0 8	22 50	0 38	17 6	0 18	19 52	0 6	16 37	6 7	15 24	15 47	25 30	6 56	1 58	F 27
S 28	4 4	23 59	2 18	2 14	1 8	21 41	2 32	17 41	0 38	22 34	0 9	22 50	0 38	17 5	0 18	19 52	0 6	16 37	6 7	15 25	15 46	25 32	6 59	1 58	S 28
S 29	4 28	26 21	3 13	2 59	1 2	22 0	2 35	17 54	0 38	22 33	0 9	22 50	0 38	17 5	0 18	19 52	0 6	16 38	6 7	15 26	15 45	25 33	7 2	1 57	S 29
M30	4s51	27s33	4s 0	3s45	0n56	22s19	2s38	18s 6	0s39	22n33	0n 9	22s51	0n38	17n 4	0s18	19s52	0s 6	16s38	6n 7	15n26	15n44	25s35	7s 5	1s57	M30

Julian Day Number = 2092760.5, Delta T = 22m59s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'54, Lahiri = 10°09'54 Julian Calendar 1 Sept. 1017 == Greg. Calendar 7 Sept. 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

OCTOBER 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 0 18	13♎12'49	13♉15	13♎16	28♏48	19♏25	17♋44	24♐59	18°R14	2°R12	14♐56	11°R44	12♉38	15♐45	13♎29	T 1
W 2	1 4 15	14°12'35	25°21	14°57	29°54	20° 9	17°50	25° 2	18♉12	2♒12	14°57	11♉43	12°35	15°52	13°38	W 2
T 3	1 8 12	15°12'24	7♒43	16°36	1♐ 1	20°52	17°55	25° 6	18°11	2°12	14°59	11°41	12°32	15°58	13°47	T 3
F 4	1 12 8	16°12'14	20°24	18°15	2° 7	21°36	18° 0	25°10	18° 9	2°11	15° 0	11°39	12°29	16° 5	13°55	F 4
S 5	1 16 5	17°12'06	3♓27	19°54	3°13	22°20	18° 5	25°14	18° 6	2°11	15° 1	11°35	12°26	16°12	14° 4	S 5
S 6	1 20 1	18°11'59	16°55	21°32	4°19	23° 3	18°10	25°18	18° 4	2°11	15° 3	11°31	12°23	16°18	14°12	S 6
M 7	1 23 58	19°11'55	0♈45	23° 9	5°25	23°47	18°15	25°22	18° 2	2°11	15° 4	11°28	12°19	16°25	14°21	M 7
T 8	1 27 54	20°11'52	14°57	24°46	6°30	24°31	18°19	25°26	18° 0	2°11	15° 5	11°26	12°16	16°32	14°29	T 8
W 9	1 31 51	21°11'51	29°24	26°22	7°36	25°15	18°23	25°30	17°58	2°D11	15° 7	11°24	12°13	16°38	14°38	W 9
T 10	1 35 47	22°11'52	14♉ 2	27°58	8°41	25°59	18°27	25°35	17°56	2°11	15° 8	11°D24	12°10	16°45	14°46	T 10
F 11	1 39 44	23°11'55	28°44	29°33	9°46	26°43	18°31	25°39	17°54	2°11	15°10	11°24	12° 7	16°52	14°55	F 11
S 12	1 43 41	24°12'01	13♊23	1♏ 8	10°50	27°27	18°35	25°44	17°51	2°11	15°11	11°25	12° 3	16°58	15° 3	S 12
S 13	1 47 37	25°12'08	27°54	2°42	11°55	28°12	18°39	25°48	17°49	2°11	15°13	11°27	12° 0	17° 5	15°12	S 13
M14	1 51 34	26°12'18	12♋13	4°16	12°59	28°56	18°42	25°53	17°47	2°12	15°15	11°28	11°57	17°12	15°20	M14
T 15	1 55 30	27°12'30	26°18	5°50	14° 3	29°40	18°45	25°57	17°45	2°12	15°16	11°R28	11°54	17°18	15°29	T 15
W16	1 59 27	28°12'44	10♌ 7	7°23	15° 7	0♐25	18°48	26° 2	17°42	2°12	15°18	11°28	11°51	17°25	15°37	W16
T 17	2 3 23	29°13'00	23°40	8°56	16°10	1° 9	18°51	26° 7	17°40	2°12	15°19	11°27	11°48	17°32	15°46	T 17
F 18	2 7 20	0♏13'18	6♍58	10°28	17°13	1°54	18°54	26°12	17°38	2°13	15°21	11°26	11°44	17°38	15°54	F 18
S 19	2 11 16	1°13'38	20° 1	12° 0	18°16	2°38	18°56	26°17	17°35	2°13	15°23	11°24	11°41	17°45	16° 3	S 19
S 20	2 15 13	2°14'00	2♎50	13°32	19°19	3°23	18°58	26°22	17°33	2°13	15°24	11°23	11°38	17°52	16°11	S 20
M21	2 19 10	3°14'24	15°25	15° 3	20°21	4° 8	19° 1	26°27	17°30	2°14	15°26	11°22	11°35	17°58	16°19	M21
T 22	2 23 6	4°14'49	27°49	16°34	21°23	4°53	19° 2	26°32	17°28	2°14	15°28	11°21	11°32	18° 5	16°28	T 22
W23	2 27 3	5°15'17	10♏ 2	18° 5	22°24	5°37	19° 4	26°37	17°26	2°15	15°30	11°D21	11°29	18°12	16°36	W23
T 24	2 30 59	6°15'46	22° 6	19°35	23°26	6°22	19° 6	26°43	17°23	2°15	15°31	11°21	11°25	18°18	16°44	T 24
F 25	2 34 56	7°16'17	4♐ 2	21° 5	24°27	7° 7	19° 7	26°48	17°21	2°16	15°33	11°21	11°22	18°25	16°53	F 25
S 26	2 38 52	8°16'49	15°53	22°35	25°27	7°52	19° 8	26°54	17°18	2°16	15°35	11°22	11°19	18°32	17° 1	S 26
S 27	2 42 49	9°17'23	27°41	24° 4	26°27	8°38	19° 9	26°59	17°16	2°17	15°37	11°22	11°16	18°38	17° 9	S 27
M28	2 46 45	10°17'58	9♑30	25°33	27°27	9°23	19°10	27° 5	17°13	2°17	15°39	11°22	11°13	18°45	17°17	M28
T 29	2 50 42	11°18'34	21°25	27° 1	28°27	10° 8	19°10	27°10	17°11	2°18	15°41	11°R22	11° 9	18°52	17°25	T 29
W30	2 54 39	12°19'12	3♒28	28°29	29°26	10°53	19°10	27°16	17° 8	2°19	15°43	11°22	11° 6	18°58	17°33	W30
T 31	2 58 35	13♏19'51	15♒46	29♏57	0♑24	11♐39	19°R11	27♐22	17♉ 6	2♒19	15♐45	11°D22	11♉ 3	19♐ 5	17♎41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s15	27s29	4s36	4s30	0n50	22s38	2s42	18s19	0s39	22n32	0n 9	22s51	0n37	17n 4	0s18	19s52	0s 6	16s39	6n 6	15n26	15n43	25s36	7s 9	1s57
W 2	5 38	26 7	5 2	5 15	0 44	22 55	2 45	18 31	0 40	22 31	0 9	22 51	0 37	17 3	0 18	19 52	0 6	16 39	6 6	15 26	15 42	25 38	7 12	1 57
T 3	6 1	23 29	5 13	5 59	0 37	23 12	2 48	18 43	0 41	22 31	0 9	22 51	0 37	17 2	0 18	19 52	0 6	16 39	6 6	15 25	15 41	25 39	7 15	1 56
F 4	6 24	19 40	5 11	6 43	0 31	23 29	2 51	18 55	0 41	22 30	0 9	22 52	0 37	17 2	0 18	19 52	0 6	16 40	6 6	15 24	15 40	25 40	7 18	1 56
S 5	6 47	14 49	4 52	7 27	0 24	23 45	2 54	19 7	0 42	22 30	0 10	22 52	0 37	17 1	0 18	19 53	0 6	16 40	6 5	15 23	15 39	25 42	7 21	1 56
S 6	7 10	9 8	4 17	8 10	0 18	24 1	2 56	19 19	0 42	22 29	0 10	22 52	0 37	17 1	0 18	19 53	0 6	16 41	6 5	15 22	15 38	25 43	7 24	1 56
M 7	7 33	2 50	3 26	8 52	0 11	24 16	2 59	19 31	0 43	22 29	0 10	22 53	0 37	17 0	0 18	19 53	0 6	16 41	6 5	15 21	15 37	25 45	7 27	1 55
T 8	7 56	3n45	2 21	9 34	0 4	24 30	3 2	19 42	0 43	22 28	0 10	22 53	0 37	17 0	0 18	19 53	0 6	16 41	6 5	15 20	15 36	25 46	7 30	1 55
W 9	8 19	10 18	1 6	10 16	0s 2	24 44	3 4	19 53	0 44	22 28	0 10	22 53	0 36	16 59	0 18	19 53	0 6	16 42	6 4	15 20	15 35	25 48	7 34	1 55
T 10	8 41	16 22	0n15	10 57	0 9	24 57	3 7	20 4	0 44	22 28	0 10	22 53	0 36	16 58	0 18	19 53	0 6	16 42	6 4	15 20	15 34	25 49	7 37	1 55
F 11	9 4	21 31	1 34	11 37	0 16	25 9	3 9	20 15	0 45	22 27	0 11	22 54	0 36	16 58	0 18	19 53	0 6	16 43	6 4	15 20	15 33	25 50	7 40	1 54
S 12	9 26	25 18	2 48	12 17	0 22	25 21	3 12	20 26	0 45	22 27	0 11	22 54	0 36	16 57	0 18	19 53	0 6	16 43	6 3	15 20	15 32	25 52	7 43	1 54
S 13	9 48	27 23	3 50	12 56	0 29	25 32	3 14	20 37	0 46	22 27	0 11	22 54	0 36	16 57	0 18	19 53	0 6	16 44	6 3	15 21	15 31	25 53	7 46	1 54
M14	10 10	27 35	4 36	13 34	0 36	25 43	3 16	20 47	0 46	22 26	0 11	22 54	0 36	16 56	0 18	19 53	0 6	16 44	6 3	15 21	15 30	25 55	7 49	1 54
T 15	10 32	26 0	5 6	14 12	0 42	25 53	3 18	20 57	0 47	22 26	0 11	22 55	0 36	16 55	0 18	19 52	0 6	16 44	6 3	15 21	15 29	25 56	7 52	1 54
W16	10 54	22 53	5 16	14 49	0 49	26 2	3 20	21 7	0 47	22 26	0 11	22 55	0 36	16 55	0 18	19 52	0 6	16 45	6 3	15 21	15 28	25 57	7 55	1 53
T 17	11 15	18 34	5 9	15 25	0 55	26 11	3 21	21 17	0 48	22 25	0 11	22 55	0 35	16 54	0 18	19 52	0 6	16 45	6 2	15 21	15 27	25 59	7 58	1 53
F 18	11 37	13 25	4 46	16 1	1 1	26 19	3 23	21 26	0 48	22 25	0 12	22 56	0 35	16 53	0 18	19 52	0 6	16 46	6 2	15 20	15 26	26 0	8 2	1 53
S 19	11 58	7 46	4 8	16 35	1 7	26 26	3 24	21 36	0 49	22 25	0 12	22 56	0 35	16 53	0 18	19 52	0 6	16 46	6 2	15 20	15 25	26 1	8 5	1 53
S 20	12 19	1 54	3 18	17 9	1 13	26 33	3 26	21 45	0 49	22 25	0 12	22 56	0 35	16 52	0 18	19 52	0 6	16 46	6 2	15 20	15 24	26 3	8 8	1 53
M21	12 40	3s58	2 19	17 42	1 19	26 39	3 27	21 54	0 50	22 25	0 12	22 56	0 35	16 51	0 18	19 52	0 6	16 47	6 1	15 19	15 23	26 4	8 11	1 52
T 22	13 0	9 36	1 14	18 14	1 25	26 45	3 28	22 3	0 50	22 25	0 12	22 57	0 35	16 51	0 18	19 52	0 6	16 47	6 1	15 19	15 22	26 5	8 14	1 52
W23	13 21	14 47	0 7	18 46	1 31	26 50	3 29	22 11	0 51	22 25	0 12	22 57	0 35	16 50	0 18	19 52	0 6	16 48	6 1	15 19	15 21	26 7	8 17	1 52
T 24	13 41	19 21	0s59	19 16	1 36	26 54	3 30	22 20	0 51	22 24	0 13	22 57	0 35	16 49	0 18	19 52	0 6	16 48	6 1	15 19	15 20	26 8	8 20	1 52
F 25	14 1	23 5	2 3	19 46	1 42	26 57	3 30	22 28	0 51	22 24	0 13	22 57	0 34	16 49	0 18	19 52	0 6	16 48	6 0	15 19	15 19	26 9	8 23	1 52
S 26	14 21	25 48	3 0	20 14	1 47	27 0	3 31	22 36	0 52	22 24	0 13	22 58	0 34	16 48	0 18	19 52	0 6	16 49	6 0	15 19	15 18	26 11	8 26	1 51
S 27	14 40	27 23	3 50	20 42	1 52	27 2	3 31	22 43	0 52	22 24	0 13	22 58	0 34	16 47	0 18	19 51	0 6	16 49	6 0	15 19	15 17	26 12	8 29	1 51
M28	14 59	27 43	4 30	21 8	1 56	27 4	3 31	22 51	0 53	22 25	0 13	22 58	0 34	16 46	0 18	19 51	0 6	16 50	6 0	15 19	15 16	26 13	8 32	1 51
T 29	15 18	26 46	4 59	21 33	2 1	27 5	3 31	22 58	0 53	22 25	0 13	22 58	0 34	16 46	0 18	19 51	0 6	16 50	6 0	15 19	15 15	26 14	8 35	1 51
W30	15 37	24 35	5 15	21 58	2 5	27 5	3 31	23 5	0 54	22 25	0 14	22 58	0 34	16 45	0 18	19 51	0 6	16 50	5 59	15 19	15 14	26 16	8 38	1 51
T 31	15s56	21s14	5s17	22s21	2s 9	27s 5	3s31	23s12	0s54	22n25	0n14	22s59	0n34	16n44	0s18	19s51	0s 6	16s51	5n59	15n19	15n13	26s17	8s41	1s51

Julian Day Number = 2092790.5, Delta T = 22m59s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°02'58, Lahiri = 10°09'58 Julian Calendar 1 Oct. 1017 == Greg. Calendar 7 Oct. 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

NOVEMBER 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 2 32	14♏20'31	28♒21	1♐23	1♑22	12♐24	19°R10	27♐27	17°R 3	2♒20	15♐46	11♉22	11♉ 0	19♐12	17♎49	F 1
S 2	3 6 28	15°21'12	11♓19	2°50	2°20	13° 9	19♋10	27°33	17♉ 1	2°21	15°48	11°23	10°57	19°18	17°57	S 2
S 3	3 10 25	16°21'54	24°43	4°15	3°17	13°55	19°10	27°39	16°58	2°22	15°50	11°23	10°54	19°25	18° 5	S 3
M 4	3 14 21	17°22'38	8♈33	5°40	4°13	14°40	19° 9	27°45	16°56	2°23	15°52	11°24	10°50	19°32	18°13	M 4
T 5	3 18 18	18°23'22	22°50	7° 4	5° 9	15°26	19° 8	27°51	16°53	2°24	15°54	11°24	10°47	19°38	18°21	T 5
W 6	3 22 14	19°24'08	7♉29	8°26	6° 4	16°12	19° 7	27°57	16°51	2°25	15°56	11°R24	10°44	19°45	18°29	W 6
T 7	3 26 11	20°24'55	22°26	9°48	6°59	16°57	19° 6	28° 3	16°48	2°26	15°58	11°24	10°41	19°52	18°37	T 7
F 8	3 30 8	21°25'44	7♊31	11° 8	7°53	17°43	19° 4	28° 9	16°46	2°27	16° 0	11°24	10°38	19°58	18°45	F 8
S 9	3 34 4	22°26'33	22°36	12°27	8°47	18°29	19° 3	28°15	16°43	2°28	16° 2	11°23	10°34	20° 5	18°52	S 9
S 10	3 38 1	23°27'25	7♋32	13°44	9°40	19°15	19° 1	28°21	16°41	2°29	16° 5	11°21	10°31	20°12	19° 0	S 10
M11	3 41 57	24°28'17	22°11	15° 0	10°32	20° 1	18°59	28°28	16°38	2°30	16° 7	11°20	10°28	20°18	19° 8	M11
T 12	3 45 54	25°29'11	6♌30	16°12	11°24	20°47	18°56	28°34	16°36	2°31	16° 9	11°18	10°25	20°25	19°15	T 12
W13	3 49 50	26°30'07	20°24	17°23	12°14	21°33	18°54	28°40	16°33	2°32	16°11	11°D18	10°22	20°32	19°23	W13
T 14	3 53 47	27°31'04	3♍55	18°30	13° 4	22°19	18°51	28°47	16°31	2°33	16°13	11°18	10°19	20°39	19°30	T 14
F 15	3 57 43	28°32'02	17° 3	19°34	13°53	23° 5	18°48	28°53	16°28	2°34	16°15	11°18	10°15	20°45	19°37	F 15
S 16	4 1 40	29°33'01	29°52	20°33	14°42	23°51	18°45	29° 0	16°26	2°36	16°17	11°20	10°12	20°52	19°45	S 16
S 17	4 5 37	0♐34'01	12♎24	21°29	15°29	24°37	18°42	29° 6	16°23	2°37	16°19	11°21	10° 9	20°59	19°52	S 17
M18	4 9 33	1°35'03	24°43	22°19	16°16	25°23	18°39	29°13	16°21	2°38	16°21	11°23	10° 6	21° 5	19°59	M18
T 19	4 13 30	2°36'06	6♏51	23° 3	17° 1	26° 9	18°35	29°19	16°18	2°40	16°24	11°R23	10° 3	21°12	20° 6	T 19
W20	4 17 26	3°37'09	18°52	23°40	17°46	26°56	18°31	29°26	16°16	2°41	16°26	11°23	10° 0	21°19	20°14	W20
T 21	4 21 23	4°38'14	0♐47	24°10	18°30	27°42	18°27	29°32	16°14	2°42	16°28	11°22	9°56	21°25	20°21	T 21
F 22	4 25 19	5°39'20	12°38	24°31	19°12	28°29	18°23	29°39	16°11	2°44	16°30	11°19	9°53	21°32	20°28	F 22
S 23	4 29 16	6°40'26	24°27	24°43	19°54	29°15	18°19	29°46	16° 9	2°45	16°32	11°15	9°50	21°39	20°35	S 23
S 24	4 33 12	7°41'33	6♑17	24°R45	20°34	0♑ 2	18°14	29°53	16° 7	2°47	16°34	11°11	9°47	21°45	20°41	S 24
M25	4 37 9	8°42'41	18° 8	24°36	21°13	0°48	18°10	29°59	16° 4	2°48	16°37	11° 6	9°44	21°52	20°48	M25
T 26	4 41 6	9°43'49	0♒ 5	24°15	21°51	1°35	18° 5	0♑ 6	16° 2	2°50	16°39	11° 1	9°40	21°59	20°55	T 26
W27	4 45 2	10°44'57	12° 9	23°43	22°27	2°21	18° 0	0°13	16° 0	2°51	16°41	10°56	9°37	22° 5	21° 2	W27
T 28	4 48 59	11°46'06	24°25	22°59	23° 2	3° 8	17°55	0°20	15°58	2°53	16°43	10°54	9°34	22°12	21° 8	T 28
F 29	4 52 55	12°47'15	6♓55	22° 5	23°36	3°55	17°49	0°27	15°56	2°54	16°45	10°52	9°31	22°19	21°15	F 29
S 30	4 56 52	13♐48'24	19♓45	21♐ 0	24♑ 8	4♑41	17♋44	0♑34	15♉53	2♒56	16♐48	10°D52	9♉28	22♐25	21♎21	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	16s14	16s51	5s 4	22s43	2s12	27s 4	3s30	23s18	0s54	22n25	0n14	22s59	0n34	16n44	0s18	19s51	0s 6	16s51	5n59	15n19	15n12	26s18	8s44	1s50	F 1
S 2	16 32	11 36	4 35	23 3	2 16	27 3	3 30	23 24	0 55	22 25	0 14	22 59	0 34	16 43	0 18	19 51	0 6	16 52	5 59	15 20	15 11	26 19	8 47	1 50	S 2
S 3	16 49	5 39	3 51	23 23	2 19	27 1	3 29	23 30	0 55	22 26	0 14	22 59	0 33	16 42	0 18	19 50	0 6	16 52	5 59	15 20	15 10	26 21	8 50	1 50	S 3
M 4	17 7	0n46	2 53	23 41	2 21	26 58	3 28	23 36	0 56	22 26	0 14	23 0	0 33	16 41	0 18	19 50	0 6	16 52	5 58	15 20	15 9	26 22	8 52	1 50	M 4
T 5	17 24	7 21	1 41	23 58	2 23	26 55	3 27	23 42	0 56	22 26	0 15	23 0	0 33	16 41	0 18	19 50	0 6	16 53	5 58	15 20	15 8	26 23	8 55	1 50	T 5
W 6	17 40	13 44	0 22	24 13	2 25	26 51	3 25	23 47	0 56	22 26	0 15	23 0	0 33	16 40	0 18	19 50	0 6	16 53	5 58	15 20	15 7	26 24	8 58	1 50	W 6
T 7	17 57	19 27	1n 1	24 27	2 26	26 46	3 24	23 52	0 57	22 27	0 15	23 0	0 33	16 39	0 18	19 50	0 6	16 54	5 58	15 20	15 6	26 26	9 1	1 49	T 7
F 8	18 13	23 59	2 20	24 39	2 27	26 41	3 22	23 57	0 57	22 27	0 15	23 0	0 33	16 39	0 18	19 49	0 6	16 54	5 58	15 20	15 5	26 27	9 4	1 49	F 8
S 9	18 29	26 50	3 29	24 50	2 27	26 36	3 20	24 1	0 57	22 28	0 15	23 1	0 33	16 38	0 18	19 49	0 6	16 54	5 58	15 19	15 4	26 28	9 7	1 49	S 9
S 10	18 44	27 44	4 23	25 0	2 27	26 30	3 17	24 5	0 58	22 28	0 15	23 1	0 33	16 37	0 18	19 49	0 6	16 55	5 57	15 19	15 3	26 29	9 10	1 49	S 10
M11	18 59	26 39	4 59	25 8	2 26	26 23	3 15	24 9	0 58	22 28	0 16	23 1	0 33	16 37	0 18	19 49	0 6	16 55	5 57	15 19	15 2	26 30	9 12	1 49	M11
T 12	19 14	23 50	5 15	25 14	2 24	26 16	3 12	24 13	0 58	22 29	0 16	23 1	0 33	16 36	0 18	19 48	0 6	16 55	5 57	15 18	15 1	26 31	9 15	1 49	T 12
W13	19 29	19 42	5 13	25 19	2 21	26 8	3 9	24 16	0 59	22 29	0 16	23 1	0 32	16 35	0 18	19 48	0 6	16 56	5 57	15 18	15 0	26 33	9 18	1 49	W13
T 14	19 43	14 40	4 52	25 22	2 18	26 0	3 6	24 20	0 59	22 30	0 16	23 1	0 32	16 34	0 18	19 48	0 6	16 56	5 57	15 18	14 59	26 34	9 21	1 48	T 14
F 15	19 56	9 5	4 17	25 23	2 14	25 52	3 3	24 22	0 59	22 31	0 16	23 2	0 32	16 34	0 18	19 48	0 6	16 57	5 57	15 18	14 58	26 35	9 23	1 48	F 15
S 16	20 10	3 16	3 30	25 22	2 9	25 43	2 59	24 25	1 0	22 31	0 17	23 2	0 32	16 33	0 18	19 47	0 6	16 57	5 56	15 19	14 57	26 36	9 26	1 48	S 16
S 17	20 23	2s34	2 33	25 20	2 3	25 33	2 55	24 27	1 0	22 32	0 17	23 2	0 32	16 32	0 18	19 47	0 6	16 57	5 56	15 19	14 56	26 37	9 29	1 48	S 17
M18	20 35	8 13	1 31	25 16	1 56	25 24	2 51	24 29	1 0	22 32	0 17	23 2	0 32	16 32	0 18	19 47	0 6	16 58	5 56	15 20	14 55	26 38	9 31	1 48	M18
T 19	20 48	13 29	0 25	25 10	1 47	25 13	2 46	24 31	1 1	22 33	0 17	23 2	0 32	16 31	0 18	19 46	0 6	16 58	5 56	15 20	14 54	26 39	9 34	1 48	T 19
W20	20 59	18 11	0s41	25 3	1 38	25 3	2 41	24 33	1 1	22 34	0 17	23 2	0 32	16 30	0 18	19 46	0 6	16 58	5 56	15 20	14 53	26 41	9 36	1 48	W20
T 21	21 11	22 8	1 45	24 53	1 27	24 52	2 36	24 34	1 1	22 35	0 17	23 2	0 32	16 30	0 18	19 46	0 6	16 59	5 56	15 19	14 52	26 42	9 39	1 48	T 21
F 22	21 22	25 8	2 43	24 42	1 15	24 40	2 31	24 35	1 1	22 35	0 18	23 2	0 32	16 29	0 18	19 46	0 6	16 59	5 56	15 18	14 51	26 43	9 42	1 47	F 22
S 23	21 32	27 2	3 35	24 29	1 1	24 29	2 25	24 36	1 2	22 36	0 18	23 3	0 32	16 28	0 18	19 45	0 6	16 59	5 55	15 17	14 50	26 44	9 44	1 47	S 23
S 24	21 43	27 42	4 17	24 14	0 46	24 17	2 19	24 36	1 2	22 37	0 18	23 3	0 31	16 28	0 18	19 45	0 6	17 0	5 55	15 16	14 49	26 45	9 47	1 47	S 24
M25	21 52	27 5	4 48	23 57	0 30	24 4	2 13	24 36	1 2	22 38	0 18	23 3	0 31	16 27	0 18	19 45	0 6	17 0	5 55	15 14	14 48	26 46	9 49	1 47	M25
T 26	22 2	25 14	5 7	23 39	0 12	23 52	2 6	24 36	1 2	22 38	0 18	23 3	0 31	16 26	0 18	19 44	0 6	17 0	5 55	15 13	14 47	26 47	9 51	1 47	T 26
W27	22 11	22 14	5 13	23 19	0n 6	23 39	1 59	24 35	1 3	22 39	0 18	23 3	0 31	16 26	0 18	19 44	0 6	17 1	5 55	15 11	14 46	26 48	9 54	1 47	W27
T 28	22 19	18 14	5 4	22 57	0 26	23 26	1 52	24 35	1 3	22 40	0 19	23 3	0 31	16 25	0 18	19 43	0 6	17 1	5 55	15 10	14 45	26 49	9 56	1 47	T 28
F 29	22 27	13 22	4 41	22 34	0 46	23 13	1 44	24 34	1 3	22 41	0 19	23 3	0 31	16 25	0 18	19 43	0 6	17 1	5 55	15 10	14 44	26 50	9 59	1 47	F 29
S 30	22s35	7s48	4s 4	22s10	1n 6	22s59	1s37	24s32	1s 3	22n42	0n19	23s 3	0n31	16n24	0s18	19s43	0s 6	17s 2	5n55	15n10	14n43	26s51	10s 1	1s47	S 30

Julian Day Number = 2092821.5, Delta T = 22m59s
Ecliptic obliquity = 23°34'06, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'02, Lahiri = 10°10'03 Julian Calendar 1 Nov. 1017 == Greg. Calendar 7 Nov. 1017

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ASTRODIENST EPHEMERIS for the year 1017
geocentric

DECEMBER 1017 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 0 48	14♐49'33	2♈59	19°R48	24♑39	5♑28	17°R38	0♑40	15°R51	2♒58	16♐50	10♉53	9♉25	22♐32	21♎28	S 1
M 2	5 4 45	15°50'43	16°38	18♐29	25° 8	6°15	17♋32	0°47	15♉49	2°59	16°52	10°55	9°21	22°39	21°34	M 2
T 3	5 8 42	16°51'52	0♉45	17° 8	25°35	7° 2	17°26	0°54	15°47	3° 1	16°54	10°56	9°18	22°45	21°40	T 3
W 4	5 12 38	17°53'02	15°18	15°45	26° 1	7°48	17°20	1° 1	15°45	3° 3	16°56	10°R56	9°15	22°52	21°46	W 4
T 5	5 16 35	18°54'12	0♊15	14°25	26°25	8°35	17°14	1° 8	15°43	3° 4	16°59	10°55	9°12	22°59	21°52	T 5
F 6	5 20 31	19°55'22	15°28	13° 9	26°47	9°22	17° 8	1°15	15°41	3° 6	17° 1	10°52	9° 9	23° 6	21°58	F 6
S 7	5 24 28	20°56'32	0♋47	12° 0	27° 7	10° 9	17° 1	1°22	15°39	3° 8	17° 3	10°47	9° 6	23°12	22° 4	S 7
S 8	5 28 24	21°57'43	16° 1	11° 0	27°25	10°56	16°54	1°29	15°37	3°10	17° 5	10°40	9° 2	23°19	22°10	S 8
M 9	5 32 21	22°58'54	1♌ 1	10° 9	27°40	11°43	16°48	1°36	15°35	3°12	17° 7	10°34	8°59	23°26	22°16	M 9
T 10	5 36 17	24° 0'05	15°37	9°29	27°54	12°30	16°41	1°43	15°34	3°13	17°10	10°28	8°56	23°32	22°22	T 10
W11	5 40 14	25° 1'17	29°45	8°59	28° 6	13°17	16°34	1°51	15°32	3°15	17°12	10°23	8°53	23°39	22°27	W11
T 12	5 44 11	26° 2'28	13♍24	8°39	28°15	14° 4	16°27	1°58	15°30	3°17	17°14	10°20	8°50	23°46	22°33	T 12
F 13	5 48 7	27° 3'40	26°34	8°29	28°22	14°51	16°20	2° 5	15°28	3°19	17°16	10°D19	8°46	23°52	22°38	F 13
S 14	5 52 4	28° 4'53	9♎20	8°D29	28°27	15°38	16°12	2°12	15°27	3°21	17°18	10°20	8°43	23°59	22°44	S 14
S 15	5 56 0	29° 6'05	21°46	8°38	28°R29	16°25	16° 5	2°19	15°25	3°23	17°20	10°21	8°40	24° 6	22°49	S 15
M16	5 59 57	0♑ 7'18	3♏56	8°54	28°29	17°13	15°57	2°26	15°23	3°25	17°23	10°22	8°37	24°12	22°54	M16
T 17	6 3 53	1° 8'31	15°55	9°18	28°26	18° 0	15°50	2°33	15°22	3°27	17°25	10°R22	8°34	24°19	22°59	T 17
W18	6 7 50	2° 9'43	27°48	9°49	28°21	18°47	15°42	2°40	15°20	3°29	17°27	10°20	8°31	24°26	23° 4	W18
T 19	6 11 46	3°10'56	9♐37	10°26	28°14	19°34	15°35	2°47	15°19	3°31	17°29	10°16	8°27	24°32	23° 9	T 19
F 20	6 15 43	4°12'09	21°26	11° 8	28° 4	20°21	15°27	2°54	15°17	3°33	17°31	10° 9	8°24	24°39	23°14	F 20
S 21	6 19 40	5°13'21	3♑16	11°54	27°51	21° 9	15°19	3° 1	15°16	3°35	17°33	10° 0	8°21	24°46	23°18	S 21
S 22	6 23 36	6°14'33	15° 9	12°46	27°36	21°56	15°11	3° 9	15°15	3°37	17°35	9°49	8°18	24°52	23°23	S 22
M23	6 27 33	7°15'45	27° 7	13°41	27°19	22°43	15° 3	3°16	15°13	3°39	17°37	9°37	8°15	24°59	23°28	M23
T 24	6 31 29	8°16'56	9♒11	14°39	26°59	23°31	14°55	3°23	15°12	3°41	17°40	9°25	8°12	25° 6	23°32	T 24
W25	6 35 26	9°18'06	21°23	15°41	26°36	24°18	14°47	3°30	15°11	3°43	17°42	9°15	8° 8	25°13	23°36	W25
T 26	6 39 22	10°19'16	3♓44	16°45	26°12	25° 5	14°39	3°37	15°10	3°46	17°44	9° 7	8° 5	25°19	23°41	T 26
F 27	6 43 19	11°20'24	16°16	17°52	25°45	25°53	14°31	3°44	15° 9	3°48	17°46	9° 1	8° 2	25°26	23°45	F 27
S 28	6 47 16	12°21'32	29° 4	19° 1	25°17	26°40	14°23	3°51	15° 8	3°50	17°48	8°58	7°59	25°33	23°49	S 28
S 29	6 51 12	13°22'39	12♈10	20°12	24°47	27°27	14°15	3°58	15° 7	3°52	17°50	8°D57	7°56	25°39	23°53	S 29
M30	6 55 9	14°23'46	25°38	21°25	24°15	28°15	14° 7	4° 5	15° 6	3°54	17°52	8°57	7°52	25°46	23°56	M30
T 31	6 59 5	15♑24'51	9♉30	22♐40	23♑41	29♑ 2	13♋59	4♑12	15♉ 5	3♒56	17♐54	8°R58	7♉49	25♐53	24♎ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s42	1s45	3s12	21s45	1n26	22s45	1s28	24s31	1s 3	22n43	0n19	23s 3	0n31	16n23	0s18	19s42	0s 6	17s 2	5n54	15n10	14n42	26s52	10s 3	1s46	
M 2	22 49	4n35	2 9	21 20	1 45	22 32	1 20	24 29	1 4	22 44	0 19	23 3	0 31	16 23	0 18	19 42	0 6	17 2	5 54	15 11	14 41	26 53	10 6	1 46	
T 3	22 55	10 56	0 55	20 54	2 3	22 18	1 11	24 27	1 4	22 45	0 19	23 3	0 31	16 22	0 18	19 42	0 6	17 3	5 54	15 11	14 40	26 54	10 8	1 46	
W 4	23 1	16 53	0n24	20 30	2 19	22 4	1 1	24 24	1 4	22 46	0 20	23 3	0 31	16 22	0 18	19 41	0 6	17 3	5 54	15 11	14 39	26 55	10 10	1 46	
T 5	23 6	22 0	1 43	20 8	2 33	21 49	0 51	24 21	1 4	22 47	0 20	23 3	0 31	16 21	0 18	19 41	0 6	17 3	5 54	15 11	14 38	26 56	10 12	1 46	
F 6	23 11	25 42	2 57	19 47	2 44	21 35	0 41	24 18	1 4	22 48	0 20	23 3	0 30	16 20	0 18	19 40	0 6	17 3	5 54	15 10	14 37	26 57	10 14	1 46	
S 7	23 15	27 32	3 58	19 29	2 54	21 21	0 31	24 15	1 5	22 49	0 20	23 3	0 30	16 20	0 18	19 40	0 6	17 4	5 54	15 8	14 36	26 58	10 17	1 46	
S 8	23 19	27 15	4 41	19 14	3 0	21 7	0 20	24 11	1 5	22 50	0 20	23 3	0 30	16 19	0 18	19 40	0 6	17 4	5 54	15 6	14 35	26 59	10 19	1 46	
M 9	23 23	25 0	5 5	19 3	3 5	20 53	0 8	24 7	1 5	22 51	0 21	23 3	0 30	16 19	0 18	19 39	0 6	17 4	5 54	15 4	14 34	27 0	10 21	1 46	
T 10	23 26	21 8	5 8	18 54	3 7	20 38	0n 3	24 3	1 5	22 52	0 21	23 3	0 30	16 18	0 18	19 39	0 6	17 5	5 54	15 2	14 33	27 1	10 23	1 45	
W11	23 28	16 10	4 52	18 49	3 8	20 24	0 15	23 59	1 5	22 53	0 21	23 3	0 30	16 18	0 18	19 38	0 7	17 5	5 54	15 1	14 32	27 2	10 25	1 45	
T 12	23 31	10 33	4 20	18 48	3 6	20 10	0 28	23 54	1 5	22 54	0 21	23 3	0 30	16 17	0 18	19 38	0 7	17 5	5 54	15 0	14 31	27 3	10 27	1 45	
F 13	23 32	4 39	3 34	18 49	3 4	19 56	0 40	23 49	1 5	22 55	0 21	23 3	0 30	16 17	0 18	19 37	0 7	17 5	5 53	15 0	14 30	27 4	10 29	1 45	
S 14	23 33	1s16	2 40	18 53	2 59	19 42	0 54	23 44	1 5	22 56	0 21	23 3	0 30	16 16	0 18	19 37	0 7	17 6	5 53	15 0	14 29	27 5	10 31	1 45	
S 15	23 34	7 0	1 39	19 0	2 54	19 29	1 7	23 38	1 6	22 57	0 22	23 3	0 30	16 16	0 18	19 37	0 7	17 6	5 53	15 0	14 28	27 6	10 33	1 45	
M16	23 34	12 21	0 35	19 8	2 48	19 15	1 21	23 32	1 6	22 58	0 22	23 3	0 30	16 15	0 18	19 36	0 7	17 6	5 53	15 1	14 27	27 7	10 34	1 45	
T 17	23 34	17 10	0s30	19 19	2 41	19 2	1 35	23 26	1 6	22 59	0 22	23 3	0 30	16 15	0 18	19 36	0 7	17 6	5 53	15 1	14 26	27 8	10 36	1 45	
W18	23 33	21 17	1 32	19 30	2 34	18 49	1 49	23 20	1 6	23 0	0 22	23 3	0 30	16 15	0 18	19 35	0 7	17 7	5 53	15 0	14 25	27 9	10 38	1 45	
T 19	23 32	24 29	2 30	19 44	2 26	18 36	2 4	23 13	1 6	23 1	0 22	23 3	0 29	16 14	0 18	19 35	0 7	17 7	5 53	14 59	14 24	27 10	10 40	1 45	
F 20	23 30	26 39	3 22	19 58	2 18	18 23	2 19	23 6	1 6	23 2	0 22	23 3	0 29	16 14	0 18	19 34	0 7	17 7	5 53	14 56	14 23	27 11	10 41	1 45	
S 21	23 28	27 36	4 4	20 13	2 9	18 11	2 34	22 59	1 6	23 3	0 22	23 3	0 29	16 13	0 17	19 34	0 7	17 7	5 53	14 54	14 22	27 12	10 43	1 44	
S 22	23 25	27 17	4 37	20 28	2 0	17 59	2 49	22 52	1 6	23 4	0 23	23 3	0 29	16 13	0 17	19 33	0 7	17 8	5 53	14 50	14 21	27 12	10 45	1 44	
M23	23 22	25 42	4 57	20 44	1 51	17 47	3 5	22 44	1 6	23 5	0 23	23 3	0 29	16 13	0 17	19 33	0 7	17 8	5 53	14 46	14 20	27 13	10 46	1 44	
T 24	23 18	22 56	5 4	20 59	1 42	17 36	3 20	22 36	1 6	23 6	0 23	23 2	0 29	16 12	0 17	19 32	0 7	17 8	5 53	14 43	14 19	27 14	10 48	1 44	
W25	23 14	19 8	4 57	21 15	1 33	17 25	3 36	22 28	1 6	23 7	0 23	23 2	0 29	16 12	0 17	19 32	0 7	17 8	5 53	14 39	14 18	27 15	10 49	1 44	
T 26	23 10	14 29	4 37	21 31	1 24	17 14	3 51	22 19	1 6	23 9	0 23	23 2	0 29	16 12	0 17	19 31	0 7	17 8	5 53	14 37	14 17	27 16	10 51	1 44	
F 27	23 5	9 10	4 2	21 46	1 15	17 4	4 6	22 10	1 6	23 10	0 23	23 2	0 29	16 11	0 17	19 31	0 7	17 9	5 53	14 35	14 16	27 17	10 52	1 44	
S 28	22 59	3 22	3 16	22 1	1 6	16 55	4 21	22 1	1 6	23 11	0 23	23 2	0 29	16 11	0 17	19 30	0 7	17 9	5 53	14 34	14 15	27 18	10 54	1 44	
S 29	22 54	2n44	2 18	22 16	0 57	16 45	4 36	21 52	1 6	23 12	0 24	23 2	0 29	16 11	0 17	19 30	0 7	17 9	5 53	14 34	14 14	27 18	10 55	1 44	
M30	22 47	8 52	1 10	22 30	0 48	16 36	4 51	21 42	1 6	23 13	0 24	23 2	0 29	16 11	0 17	19 29	0 7	17 9	5 53	14 34	14 13	27 19	10 57	1 44	
T 31	22s40	14n47	0n 3	22s43	0n39	16s28	5n 5	21s33	1s 6	23n14	0n24	23s 1	0n29	16n10	0s17	19s29	0s 7	17s 9	5n53	14n34	14n12	27s20	10s58	1s44	

Julian Day Number = 2092851.5, Delta T = 22m58s
Ecliptic obliquity = 23°34'06, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'06, Lahiri = 10°10'07 Julian Calendar 1 Dec. 1017 == Greg. Calendar 7 Dec. 1017

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

JANUARY 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 3 2	16♑25'55	23♉47	23♐56	23°R 7	29♑50	13°R51	4♑19	15°R 4	3♒59	17♐56	8°R57	7♉46	25♐59	24♎ 4	W 1
T 2	7 6 58	17°26'58	8♊29	25°14	22♑31	0♒37	13♋43	4°26	15♉ 3	4° 1	17°58	8♉54	7°43	26° 6	24° 7	T 2
F 3	7 10 55	18°28'01	23°29	26°33	21°54	1°24	13°35	4°33	15° 2	4° 3	18° 0	8°48	7°40	26°13	24°11	F 3
S 4	7 14 51	19°29'02	8♋42	27°53	21°18	2°12	13°27	4°40	15° 2	4° 5	18° 2	8°40	7°37	26°19	24°14	S 4
S 5	7 18 48	20°30'02	23°56	29°15	20°40	2°59	13°19	4°47	15° 1	4° 7	18° 4	8°29	7°33	26°26	24°17	S 5
M 6	7 22 45	21°31'02	9♌ 1	0♑37	20° 3	3°47	13°11	4°54	15° 0	4°10	18° 6	8°18	7°30	26°33	24°20	M 6
T 7	7 26 41	22°32'00	23°46	2° 1	19°26	4°34	13° 3	5° 1	15° 0	4°12	18° 8	8° 7	7°27	26°40	24°23	T 7
W 8	7 30 38	23°32'58	8♍ 5	3°25	18°50	5°22	12°55	5° 8	14°59	4°14	18° 9	7°58	7°24	26°46	24°26	W 8
T 9	7 34 34	24°33'55	21°54	4°51	18°14	6° 9	12°48	5°15	14°59	4°16	18°11	7°52	7°21	26°53	24°29	T 9
F 10	7 38 31	25°34'51	5♎13	6°17	17°40	6°57	12°40	5°21	14°59	4°19	18°13	7°48	7°18	27° 0	24°31	F 10
S 11	7 42 27	26°35'46	18° 4	7°44	17° 7	7°44	12°32	5°28	14°58	4°21	18°15	7°47	7°14	27° 6	24°34	S 11
S 12	7 46 24	27°36'41	0♏32	9°12	16°35	8°31	12°25	5°35	14°58	4°23	18°17	7°46	7°11	27°13	24°36	S 12
M13	7 50 20	28°37'34	12°42	10°41	16° 5	9°19	12°17	5°42	14°58	4°25	18°19	7°46	7° 8	27°20	24°38	M13
T 14	7 54 17	29°38'27	24°40	12°11	15°37	10° 6	12°10	5°48	14°57	4°28	18°20	7°45	7° 5	27°26	24°41	T 14
W15	7 58 14	0♒39'19	6♐30	13°41	15°10	10°54	12° 2	5°55	14°57	4°30	18°22	7°42	7° 2	27°33	24°43	W15
T 16	8 2 10	1°40'10	18°18	15°13	14°46	11°41	11°55	6° 2	14°57	4°32	18°24	7°37	6°58	27°40	24°45	T 16
F 17	8 6 7	2°40'59	0♑ 6	16°45	14°24	12°29	11°48	6° 8	14°D57	4°34	18°26	7°28	6°55	27°46	24°46	F 17
S 18	8 10 3	3°41'48	12° 0	18°18	14° 5	13°16	11°41	6°15	14°57	4°37	18°27	7°16	6°52	27°53	24°48	S 18
S 19	8 14 0	4°42'35	23°59	19°51	13°48	14° 4	11°34	6°22	14°57	4°39	18°29	7° 2	6°49	28° 0	24°50	S 19
M20	8 17 56	5°43'21	6♒ 6	21°26	13°33	14°51	11°27	6°28	14°57	4°41	18°31	6°47	6°46	28° 7	24°51	M20
T 21	8 21 53	6°44'06	18°22	23° 1	13°20	15°38	11°21	6°35	14°58	4°44	18°32	6°33	6°43	28°13	24°53	T 21
W22	8 25 49	7°44'49	0♓47	24°37	13°10	16°26	11°14	6°41	14°58	4°46	18°34	6°19	6°39	28°20	24°54	W22
T 23	8 29 46	8°45'31	13°22	26°14	13° 3	17°13	11° 8	6°47	14°58	4°48	18°35	6° 8	6°36	28°27	24°55	T 23
F 24	8 33 43	9°46'10	26° 7	27°52	12°58	18° 1	11° 1	6°54	14°58	4°50	18°37	6° 1	6°33	28°33	24°56	F 24
S 25	8 37 39	10°46'49	9♈ 4	29°30	12°56	18°48	10°55	7° 0	14°59	4°53	18°38	5°56	6°30	28°40	24°57	S 25
S 26	8 41 36	11°47'25	22°14	1♒10	12°D55	19°35	10°49	7° 6	14°59	4°55	18°40	5°54	6°27	28°47	24°58	S 26
M27	8 45 32	12°47'59	5♉41	2°50	12°58	20°23	10°43	7°13	15° 0	4°57	18°41	5°53	6°24	28°53	24°58	M27
T 28	8 49 29	13°48'32	19°24	4°31	13° 2	21°10	10°38	7°19	15° 0	5° 0	18°43	5°53	6°20	29° 0	24°59	T 28
W29	8 53 25	14°49'03	3♊27	6°13	13° 9	21°57	10°32	7°25	15° 1	5° 2	18°44	5°52	6°17	29° 7	24°59	W29
T 30	8 57 22	15°49'32	17°49	7°56	13°19	22°45	10°27	7°31	15° 2	5° 4	18°46	5°49	6°14	29°13	25° 0	T 30
F 31	9 1 18	16♒49'59	2♋28	9♒40	13♑30	23♒32	10♋21	7♑37	15♉ 2	5♒ 6	18♐47	5♉44	6♉11	29♐20	25♎ 0	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s33	20n 5	1n18	22s56	0n30	16s20	5n19	21s23	1s 6	23n15	0n24	23s 1	0n29	16n10	0s17	19s28	0s 7	17s10	5n53	14n33	14n11	27s21	10s59	1s44
T 2	22 25	24 18	2 30	23 7	0 22	16 13	5 32	21 12	1 6	23 16	0 24	23 1	0 29	16 10	0 17	19 28	0 7	17 10	5 53	14 32	14 10	27 22	11 0	1 43
F 3	22 17	26 57	3 33	23 18	0 13	16 6	5 45	21 2	1 6	23 16	0 24	23 1	0 28	16 10	0 17	19 27	0 7	17 10	5 53	14 31	14 8	27 22	11 2	1 43
S 4	22 9	27 38	4 22	23 28	0 5	15 59	5 57	20 51	1 6	23 17	0 24	23 1	0 28	16 9	0 17	19 27	0 7	17 10	5 53	14 28	14 7	27 23	11 3	1 43
S 5	22 0	26 13	4 52	23 37	0s 3	15 54	6 9	20 40	1 6	23 18	0 25	23 1	0 28	16 9	0 17	19 26	0 7	17 10	5 53	14 25	14 6	27 24	11 4	1 43
M 6	21 50	22 56	5 1	23 45	0 11	15 48	6 19	20 29	1 6	23 19	0 25	23 0	0 28	16 9	0 17	19 26	0 7	17 11	5 53	14 21	14 5	27 25	11 5	1 43
T 7	21 40	18 14	4 50	23 52	0 19	15 44	6 29	20 18	1 6	23 20	0 25	23 0	0 28	16 9	0 17	19 25	0 7	17 11	5 53	14 17	14 4	27 25	11 6	1 43
W 8	21 30	12 37	4 21	23 57	0 26	15 40	6 38	20 6	1 6	23 21	0 25	23 0	0 28	16 9	0 17	19 25	0 7	17 11	5 53	14 15	14 3	27 26	11 7	1 43
T 9	21 19	6 33	3 38	24 2	0 33	15 36	6 47	19 54	1 6	23 22	0 25	23 0	0 28	16 9	0 17	19 24	0 7	17 11	5 53	14 12	14 2	27 27	11 8	1 43
F 10	21 8	0 25	2 43	24 5	0 40	15 33	6 54	19 42	1 6	23 23	0 25	23 0	0 28	16 9	0 17	19 24	0 7	17 11	5 53	14 11	14 1	27 28	11 9	1 43
S 11	20 57	5s33	1 42	24 8	0 47	15 31	7 1	19 30	1 6	23 24	0 25	22 59	0 28	16 9	0 17	19 23	0 7	17 11	5 53	14 11	14 0	27 28	11 9	1 43
S 12	20 45	11 7	0 38	24 9	0 54	15 29	7 6	19 17	1 6	23 24	0 25	22 59	0 28	16 9	0 17	19 23	0 7	17 11	5 53	14 11	13 59	27 29	11 10	1 43
M13	20 33	16 9	0s26	24 8	1 0	15 27	7 11	19 4	1 6	23 25	0 26	22 59	0 28	16 8	0 17	19 22	0 7	17 12	5 53	14 11	13 58	27 30	11 11	1 43
T 14	20 20	20 28	1 28	24 6	1 6	15 26	7 15	18 52	1 6	23 26	0 26	22 59	0 28	16 8	0 17	19 22	0 7	17 12	5 53	14 10	13 57	27 31	11 12	1 42
W15	20 7	23 54	2 26	24 3	1 12	15 26	7 19	18 38	1 5	23 27	0 26	22 58	0 28	16 8	0 17	19 21	0 7	17 12	5 53	14 9	13 56	27 31	11 12	1 42
T 16	19 54	26 19	3 17	23 59	1 18	15 26	7 21	18 25	1 5	23 28	0 26	22 58	0 28	16 8	0 17	19 21	0 7	17 12	5 53	14 7	13 55	27 32	11 13	1 42
F 17	19 40	27 33	3 59	23 53	1 23	15 27	7 23	18 12	1 5	23 28	0 26	22 58	0 28	16 8	0 17	19 20	0 7	17 12	5 53	14 5	13 54	27 33	11 14	1 42
S 18	19 26	27 31	4 31	23 46	1 28	15 28	7 24	17 58	1 5	23 29	0 26	22 58	0 28	16 8	0 17	19 19	0 7	17 12	5 53	14 1	13 53	27 33	11 14	1 42
S 19	19 11	26 13	4 52	23 38	1 33	15 29	7 24	17 44	1 5	23 30	0 26	22 57	0 28	16 9	0 17	19 19	0 7	17 12	5 53	13 56	13 52	27 34	11 15	1 42
M20	18 57	23 40	4 59	23 27	1 38	15 31	7 24	17 30	1 5	23 30	0 26	22 57	0 28	16 9	0 17	19 18	0 7	17 12	5 53	13 51	13 51	27 35	11 15	1 42
T 21	18 41	20 2	4 53	23 16	1 42	15 33	7 23	17 16	1 5	23 31	0 26	22 57	0 27	16 9	0 17	19 18	0 7	17 12	5 53	13 46	13 50	27 35	11 16	1 42
W22	18 26	15 30	4 33	23 3	1 46	15 36	7 21	17 1	1 4	23 32	0 26	22 57	0 27	16 9	0 17	19 17	0 7	17 12	5 53	13 42	13 49	27 36	11 16	1 42
T 23	18 10	10 15	3 59	22 48	1 49	15 39	7 19	16 47	1 4	23 32	0 27	22 56	0 27	16 9	0 17	19 17	0 7	17 13	5 53	13 38	13 48	27 37	11 16	1 42
F 24	17 54	4 30	3 13	22 32	1 52	15 42	7 16	16 32	1 4	23 33	0 27	22 56	0 27	16 9	0 17	19 16	0 7	17 13	5 53	13 36	13 47	27 37	11 17	1 42
S 25	17 37	1n31	2 17	22 15	1 55	15 45	7 13	16 17	1 4	23 34	0 27	22 56	0 27	16 9	0 17	19 16	0 7	17 13	5 53	13 34	13 46	27 38	11 17	1 41
S 26	17 21	7 36	1 11	21 55	1 58	15 49	7 9	16 2	1 4	23 34	0 27	22 55	0 27	16 9	0 17	19 15	0 7	17 13	5 53	13 34	13 44	27 38	11 17	1 41
M27	17 4	13 28	0 1	21 35	2 0	15 53	7 5	15 47	1 4	23 35	0 27	22 55	0 27	16 9	0 17	19 15	0 7	17 13	5 53	13 33	13 43	27 39	11 17	1 41
T 28	16 46	18 49	1n11	21 12	2 2	15 57	7 0	15 31	1 3	23 35	0 27	22 55	0 27	16 10	0 17	19 14	0 7	17 13	5 53	13 33	13 42	27 40	11 17	1 41
W29	16 29	23 15	2 20	20 48	2 3	16 1	6 56	15 16	1 3	23 36	0 27	22 55	0 27	16 10	0 17	19 14	0 7	17 13	5 54	13 33	13 41	27 40	11 17	1 41
T 30	16 11	26 22	3 22	20 23	2 4	16 6	6 50	15 0	1 3	23 36	0 27	22 54	0 27	16 10	0 17	19 13	0 7	17 13	5 54	13 32	13 40	27 41	11 17	1 41
F 31	15s53	27n45	4n12	19s56	2s 5	16s10	6n45	14s44	1s 3	23n37	0n27	22s54	0n27	16n10	0s17	19s12	0s 7	17s13	5n54	13n30	13n39	27s41	11s17	1s41

Julian Day Number = 2092882.5, Delta T = 22m58s
Ecliptic obliquity = 23°34'06, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'10, Lahiri = 10°10'11 Julian Calendar 1 Jan. 1018 == Greg. Calendar 7 Jan. 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

FEBRUARY 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 5 15	17♒50'24	17♋18	11♒25	13♑44	24♒19	10°R16	7♑43	15♉ 3	5♒ 9	18♐48	5°R35	6♉ 8	29♐27	25°R 0	S 1
S 2	9 9 12	18°50'48	2♌13	13°11	13°59	25° 7	10♋11	7°49	15° 4	5°11	18°50	5♉25	6° 4	29°34	25♎ 0	S 2
M 3	9 13 8	19°51'09	17° 3	14°58	14°17	25°54	10° 7	7°55	15° 5	5°13	18°51	5°13	6° 1	29°40	25° 0	M 3
T 4	9 17 5	20°51'29	1♍40	16°45	14°36	26°41	10° 2	8° 1	15° 6	5°15	18°52	5° 2	5°58	29°47	25° 0	T 4
W 5	9 21 1	21°51'47	15°56	18°34	14°58	27°28	9°58	8° 7	15° 7	5°17	18°54	4°52	5°55	29°54	24°59	W 5
T 6	9 24 58	22°52'03	29°47	20°24	15°21	28°15	9°53	8°12	15° 8	5°20	18°55	4°45	5°52	0♑ 0	24°59	T 6
F 7	9 28 54	23°52'17	13♎10	22°14	15°46	29° 3	9°49	8°18	15° 9	5°22	18°56	4°41	5°49	0° 7	24°58	F 7
S 8	9 32 51	24°52'30	26° 6	24° 6	16°13	29°50	9°45	8°24	15°10	5°24	18°57	4°39	5°45	0°14	24°57	S 8
S 9	9 36 47	25°52'42	8♏39	25°58	16°42	0♓37	9°42	8°29	15°11	5°26	18°58	4°D39	5°42	0°20	24°57	S 9
M10	9 40 44	26°52'52	20°53	27°52	17°12	1°24	9°38	8°35	15°12	5°28	18°59	4°39	5°39	0°27	24°56	M10
T 11	9 44 41	27°53'00	2♐54	29°46	17°43	2°11	9°35	8°40	15°14	5°30	19° 0	4°R39	5°36	0°34	24°55	T 11
W12	9 48 37	28°53'07	14°46	1♓41	18°16	2°58	9°32	8°46	15°15	5°33	19° 1	4°38	5°33	0°41	24°54	W12
T 13	9 52 34	29°53'12	26°35	3°37	18°51	3°45	9°29	8°51	15°16	5°35	19° 2	4°34	5°30	0°47	24°52	T 13
F 14	9 56 30	0♓53'15	8♑26	5°33	19°26	4°32	9°26	8°56	15°18	5°37	19° 3	4°28	5°26	0°54	24°51	F 14
S 15	10 0 27	1°53'17	20°23	7°30	20° 3	5°19	9°23	9° 1	15°19	5°39	19° 4	4°20	5°23	1° 1	24°49	S 15
S 16	10 4 23	2°53'17	2♒28	9°27	20°42	6° 6	9°21	9° 7	15°21	5°41	19° 5	4° 9	5°20	1° 7	24°48	S 16
M17	10 8 20	3°53'15	14°45	11°24	21°21	6°53	9°19	9°12	15°22	5°43	19° 6	3°58	5°17	1°14	24°46	M17
T 18	10 12 16	4°53'11	27°14	13°21	22° 2	7°40	9°17	9°17	15°24	5°45	19° 7	3°46	5°14	1°21	24°44	T 18
W19	10 16 13	5°53'06	9♓55	15°17	22°43	8°27	9°15	9°22	15°25	5°47	19° 8	3°36	5°10	1°27	24°43	W19
T 20	10 20 10	6°52'58	22°49	17°13	23°26	9°14	9°13	9°26	15°27	5°49	19° 9	3°27	5° 7	1°34	24°41	T 20
F 21	10 24 6	7°52'48	5♈55	19° 8	24°10	10° 0	9°12	9°31	15°29	5°51	19° 9	3°22	5° 4	1°41	24°38	F 21
S 22	10 28 3	8°52'36	19°11	21° 2	24°54	10°47	9°10	9°36	15°31	5°53	19°10	3°18	5° 1	1°48	24°36	S 22
S 23	10 31 59	9°52'21	2♉39	22°54	25°40	11°34	9° 9	9°41	15°32	5°55	19°11	3°D17	4°58	1°54	24°34	S 23
M24	10 35 56	10°52'05	16°17	24°44	26°26	12°21	9° 9	9°45	15°34	5°57	19°12	3°18	4°55	2° 1	24°32	M24
T 25	10 39 52	11°51'46	0♊ 6	26°31	27°14	13° 7	9° 8	9°50	15°36	5°59	19°12	3°19	4°51	2° 8	24°29	T 25
W26	10 43 49	12°51'25	14° 6	28°15	28° 2	13°54	9° 7	9°54	15°38	6° 1	19°13	3°R19	4°48	2°14	24°27	W26
T 27	10 47 45	13°51'01	28°17	29°56	28°51	14°41	9° 7	9°59	15°40	6° 3	19°13	3°18	4°45	2°21	24°24	T 27
F 28	10 51 42	14♓50'35	12♋37	1♈33	29♑40	15♓27	9°D 7	10♑ 3	15♉42	6♒ 5	19♐14	3♉15	4♉42	2♑28	24♎21	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	15s34	27n10	4n46	19s27	2s 5	16s14	6n39	14s28	1s 2	23n37	0n27	22s54	0n27	16n11	0s17	19s12	0s 7	17s13	5n54	13n27	13n38	27s42	11s17	1s41	S 1
S 2	15 15	24 39	5 0	18 57	2 5	16 19	6 33	14 12	1 2	23 38	0 27	22 53	0 27	16 11	0 17	19 11	0 7	17 13	5 54	13 24	13 37	27 42	11 17	1 41	S 2
M 3	14 56	20 29	4 54	18 25	2 4	16 23	6 27	13 56	1 2	23 38	0 27	22 53	0 27	16 11	0 16	19 11	0 7	17 13	5 54	13 20	13 36	27 43	11 17	1 41	M 3
T 4	14 37	15 7	4 29	17 51	2 3	16 28	6 20	13 39	1 2	23 39	0 27	22 53	0 27	16 11	0 16	19 10	0 7	17 13	5 54	13 16	13 35	27 44	11 17	1 40	T 4
W 5	14 18	9 4	3 48	17 16	2 1	16 32	6 14	13 23	1 1	23 39	0 28	22 52	0 27	16 12	0 16	19 10	0 7	17 13	5 54	13 13	13 34	27 44	11 17	1 40	W 5
T 6	13 58	2 44	2 54	16 39	1 59	16 36	6 7	13 6	1 1	23 39	0 28	22 52	0 27	16 12	0 16	19 9	0 7	17 13	5 54	13 11	13 33	27 45	11 16	1 40	T 6
F 7	13 38	3s31	1 51	16 0	1 56	16 40	6 0	12 49	1 1	23 40	0 28	22 52	0 27	16 12	0 16	19 9	0 7	17 13	5 54	13 9	13 32	27 45	11 16	1 40	F 7
S 8	13 18	9 26	0 45	15 20	1 53	16 44	5 53	12 32	1 1	23 40	0 28	22 52	0 27	16 13	0 16	19 8	0 7	17 13	5 54	13 8	13 31	27 46	11 16	1 40	S 8
S 9	12 58	14 48	0s21	14 38	1 49	16 48	5 46	12 15	1 0	23 40	0 28	22 51	0 27	16 13	0 16	19 8	0 7	17 13	5 54	13 8	13 30	27 46	11 15	1 40	S 9
M10	12 37	19 27	1 25	13 55	1 45	16 52	5 38	11 58	1 0	23 41	0 28	22 51	0 27	16 13	0 16	19 7	0 7	17 13	5 54	13 9	13 29	27 47	11 15	1 40	M10
T 11	12 16	23 13	2 24	13 10	1 40	16 55	5 31	11 41	1 0	23 41	0 28	22 51	0 26	16 14	0 16	19 7	0 7	17 13	5 54	13 9	13 28	27 47	11 14	1 40	T 11
W12	11 55	25 57	3 16	12 24	1 35	16 58	5 23	11 24	1 0	23 41	0 28	22 50	0 26	16 14	0 16	19 6	0 7	17 13	5 54	13 8	13 26	27 48	11 14	1 39	W12
T 13	11 34	27 31	4 0	11 37	1 29	17 1	5 16	11 6	0 59	23 42	0 28	22 50	0 26	16 15	0 16	19 6	0 7	17 13	5 55	13 7	13 25	27 48	11 13	1 39	T 13
F 14	11 13	27 50	4 33	10 48	1 22	17 4	5 8	10 49	0 59	23 42	0 28	22 50	0 26	16 15	0 16	19 5	0 7	17 13	5 55	13 5	13 24	27 48	11 13	1 39	F 14
S 15	10 52	26 52	4 54	9 57	1 15	17 6	5 1	10 31	0 59	23 42	0 28	22 49	0 26	16 16	0 16	19 5	0 7	17 13	5 55	13 2	13 23	27 49	11 12	1 39	S 15
S 16	10 30	24 38	5 3	9 6	1 7	17 8	4 53	10 13	0 58	23 42	0 28	22 49	0 26	16 16	0 16	19 4	0 7	17 13	5 55	12 58	13 22	27 49	11 11	1 39	S 16
M17	10 8	21 14	4 58	8 14	0 58	17 10	4 46	9 56	0 58	23 43	0 28	22 49	0 26	16 16	0 16	19 4	0 7	17 13	5 55	12 54	13 21	27 50	11 10	1 39	M17
T 18	9 46	16 51	4 39	7 20	0 49	17 11	4 38	9 38	0 58	23 43	0 28	22 48	0 26	16 17	0 16	19 3	0 7	17 13	5 55	12 50	13 20	27 50	11 10	1 39	T 18
W19	9 24	11 40	4 5	6 26	0 40	17 12	4 30	9 20	0 57	23 43	0 28	22 48	0 26	16 17	0 16	19 3	0 7	17 13	5 55	12 47	13 19	27 51	11 9	1 38	W19
T 20	9 2	5 54	3 19	5 31	0 29	17 13	4 22	9 2	0 57	23 43	0 28	22 48	0 26	16 18	0 16	19 2	0 7	17 13	5 55	12 44	13 18	27 51	11 8	1 38	T 20
F 21	8 40	0n12	2 21	4 36	0 19	17 13	4 15	8 44	0 57	23 43	0 28	22 47	0 26	16 19	0 16	19 2	0 7	17 13	5 55	12 42	13 17	27 51	11 7	1 38	F 21
S 22	8 17	6 24	1 15	3 41	0 7	17 13	4 7	8 26	0 56	23 43	0 28	22 47	0 26	16 19	0 16	19 1	0 7	17 13	5 55	12 41	13 16	27 52	11 6	1 38	S 22
S 23	7 55	12 24	0 3	2 46	0n 4	17 12	3 59	8 7	0 56	23 43	0 28	22 47	0 26	16 20	0 16	19 1	0 7	17 13	5 55	12 41	13 15	27 52	11 5	1 38	S 23
M24	7 32	17 54	1n 9	1 51	0 16	17 11	3 52	7 49	0 55	23 44	0 28	22 47	0 26	16 20	0 16	19 0	0 7	17 13	5 55	12 41	13 14	27 53	11 4	1 38	M24
T 25	7 9	22 33	2 19	0 57	0 29	17 10	3 44	7 31	0 55	23 44	0 29	22 46	0 26	16 21	0 16	19 0	0 7	17 13	5 56	12 41	13 13	27 53	11 3	1 37	T 25
W26	6 46	25 57	3 21	0 4	0 41	17 8	3 37	7 12	0 55	23 44	0 29	22 46	0 26	16 21	0 16	18 59	0 7	17 13	5 56	12 41	13 12	27 53	11 2	1 37	W26
T 27	6 23	27 46	4 12	0n48	0 54	17 5	3 29	6 54	0 54	23 44	0 29	22 46	0 26	16 22	0 16	18 59	0 7	17 13	5 56	12 41	13 10	27 54	11 1	1 37	T 27
F 28	6s 0	27n45	4n48	1n38	1n 7	17s 3	3n22	6s36	0s54	23n44	0n29	22s45	0n26	16n23	0s16	18s58	0s 7	17s13	5n56	12n40	13n 9	27s54	10s59	1s37	F 28

Julian Day Number = 2092913.5, Delta T = 22m58s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'15, Lahiri = 10°10'15 Julian Calendar 1 Feb. 1018 == Greg. Calendar 7 Feb. 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

MARCH 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 55 39	15♓50'07	27♋ 2	3♈ 5	0♒31	16♓14	9♋ 7	10♑ 7	15♉44	6♒ 7	19♐14	3°R10	4♉39	2♑34	24°R18	S 1
S 2	10 59 35	16°49'37	11♌29	4°32	1°22	17° 0	9° 7	10°11	15°47	6° 8	19°15	3♉ 4	4°36	2°41	24♎15	S 2
M 3	11 3 32	17°49'04	25°52	5°54	2°13	17°47	9° 8	10°15	15°49	6°10	19°15	2°56	4°32	2°48	24°12	M 3
T 4	11 7 28	18°48'29	10♍ 5	7°10	3° 6	18°33	9° 9	10°19	15°51	6°12	19°16	2°49	4°29	2°55	24° 9	T 4
W 5	11 11 25	19°47'51	24° 3	8°21	3°59	19°20	9°10	10°23	15°53	6°14	19°16	2°43	4°26	3° 1	24° 6	W 5
T 6	11 15 21	20°47'12	7♎41	9°25	4°52	20° 6	9°11	10°27	15°56	6°16	19°16	2°39	4°23	3° 8	24° 3	T 6
F 7	11 19 18	21°46'31	20°57	10°22	5°47	20°52	9°12	10°31	15°58	6°17	19°17	2°36	4°20	3°15	23°59	F 7
S 8	11 23 14	22°45'47	3♏51	11°12	6°41	21°39	9°13	10°34	16° 0	6°19	19°17	2°D36	4°16	3°21	23°56	S 8
S 9	11 27 11	23°45'02	16°25	11°56	7°37	22°25	9°15	10°38	16° 3	6°21	19°17	2°36	4°13	3°28	23°53	S 9
M10	11 31 8	24°44'15	28°42	12°32	8°33	23°11	9°17	10°41	16° 5	6°22	19°18	2°38	4°10	3°35	23°49	M10
T 11	11 35 4	25°43'26	10♐46	13° 1	9°29	23°57	9°19	10°45	16° 8	6°24	19°18	2°39	4° 7	3°41	23°45	T 11
W12	11 39 1	26°42'36	22°41	13°23	10°26	24°43	9°21	10°48	16°10	6°26	19°18	2°R40	4° 4	3°48	23°42	W12
T 13	11 42 57	27°41'43	4♑32	13°37	11°23	25°29	9°23	10°51	16°13	6°27	19°18	2°40	4° 1	3°55	23°38	T 13
F 14	11 46 54	28°40'49	16°25	13°44	12°21	26°15	9°26	10°55	16°15	6°29	19°18	2°39	3°57	4° 2	23°34	F 14
S 15	11 50 50	29°39'53	28°24	13°R44	13°19	27° 1	9°29	10°58	16°18	6°31	19°18	2°36	3°54	4° 8	23°30	S 15
S 16	11 54 47	0♈38'55	10♒34	13°38	14°17	27°47	9°32	11° 1	16°21	6°32	19°R18	2°31	3°51	4°15	23°26	S 16
M17	11 58 43	1°37'55	22°57	13°24	15°16	28°33	9°35	11° 4	16°23	6°34	19°18	2°26	3°48	4°22	23°22	M17
T 18	12 2 40	2°36'53	5♓35	13° 5	16°16	29°19	9°38	11° 6	16°26	6°35	19°18	2°21	3°45	4°28	23°18	T 18
W19	12 6 36	3°35'50	18°31	12°40	17°15	0♈ 5	9°41	11° 9	16°29	6°36	19°18	2°16	3°41	4°35	23°14	W19
T 20	12 10 33	4°34'44	1♈43	12°10	18°16	0°51	9°45	11°12	16°31	6°38	19°18	2°13	3°38	4°42	23°10	T 20
F 21	12 14 30	5°33'36	15°11	11°36	19°16	1°37	9°49	11°14	16°34	6°39	19°18	2°10	3°35	4°48	23° 6	F 21
S 22	12 18 26	6°32'26	28°53	10°58	20°17	2°22	9°53	11°17	16°37	6°41	19°18	2°D 9	3°32	4°55	23° 1	S 22
S 23	12 22 23	7°31'14	12♉46	10°17	21°18	3° 8	9°57	11°19	16°40	6°42	19°18	2°10	3°29	5° 2	22°57	S 23
M24	12 26 19	8°30'00	26°47	9°34	22°19	3°53	10° 1	11°21	16°43	6°43	19°17	2°11	3°26	5° 9	22°53	M24
T 25	12 30 16	9°28'44	10♊55	8°50	23°21	4°39	10° 6	11°23	16°46	6°45	19°17	2°12	3°22	5°15	22°48	T 25
W26	12 34 12	10°27'25	25° 6	8° 6	24°23	5°25	10°10	11°25	16°49	6°46	19°17	2°13	3°19	5°22	22°44	W26
T 27	12 38 9	11°26'04	9♋18	7°22	25°25	6°10	10°15	11°27	16°52	6°47	19°16	2°R14	3°16	5°29	22°40	T 27
F 28	12 42 5	12°24'41	23°30	6°39	26°27	6°55	10°20	11°29	16°55	6°48	19°16	2°14	3°13	5°35	22°35	F 28
S 29	12 46 2	13°23'16	7♌39	5°58	27°30	7°41	10°25	11°31	16°58	6°49	19°16	2°12	3°10	5°42	22°31	S 29
S 30	12 49 59	14°21'48	21°42	5°20	28°33	8°26	10°31	11°33	17° 1	6°51	19°15	2°10	3° 7	5°49	22°26	S 30
M31	12 53 55	15♈20'18	5♍37	4♈44	29♒36	9♈11	10♋36	11♑34	17♉ 4	6♒52	19♐15	2♉ 8	3♉ 3	5♑56	22♎22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s37	25n51	5n 6	2n27	1n20	16s59	3n14	6s17	0s54	23n44	0n29	22s45	0n26	16n23	0s16	18s58	0s 7	17s13	5n56	12n38	13n 8	27s54	10s58	1s37
S 2	5 14	22 18	5 4	3 14	1 33	16 56	3 7	5 58	0 53	23 44	0 29	22 45	0 26	16 24	0 16	18 58	0 7	17 13	5 56	12 36	13 7	27 55	10 57	1 37
M 3	4 50	17 24	4 43	3 58	1 45	16 52	2 59	5 40	0 53	23 44	0 29	22 45	0 26	16 25	0 16	18 57	0 7	17 13	5 56	12 33	13 6	27 55	10 56	1 36
T 4	4 27	11 36	4 5	4 40	1 57	16 47	2 52	5 21	0 52	23 44	0 29	22 44	0 26	16 25	0 16	18 57	0 7	17 13	5 56	12 31	13 5	27 55	10 54	1 36
W 5	4 4	5 20	3 13	5 18	2 9	16 42	2 45	5 3	0 52	23 44	0 29	22 44	0 26	16 26	0 16	18 56	0 7	17 13	5 56	12 29	13 4	27 56	10 53	1 36
T 6	3 40	1s 4	2 11	5 54	2 21	16 36	2 37	4 44	0 52	23 44	0 29	22 44	0 26	16 27	0 16	18 56	0 7	17 13	5 56	12 27	13 3	27 56	10 52	1 36
F 7	3 17	7 15	1 3	6 26	2 31	16 30	2 30	4 25	0 51	23 44	0 29	22 44	0 26	16 27	0 16	18 55	0 7	17 13	5 57	12 26	13 2	27 56	10 50	1 36
S 8	2 53	12 59	0s 7	6 56	2 41	16 23	2 23	4 6	0 51	23 44	0 29	22 43	0 25	16 28	0 16	18 55	0 8	17 13	5 57	12 26	13 1	27 57	10 49	1 35
S 9	2 30	18 2	1 14	7 21	2 50	16 16	2 16	3 48	0 50	23 43	0 29	22 43	0 25	16 29	0 16	18 55	0 8	17 12	5 57	12 27	13 0	27 57	10 47	1 35
M10	2 6	22 12	2 17	7 43	2 58	16 9	2 9	3 29	0 50	23 43	0 29	22 43	0 25	16 29	0 16	18 54	0 8	17 12	5 57	12 27	12 59	27 57	10 46	1 35
T 11	1 43	25 21	3 13	8 1	3 5	16 1	2 2	3 10	0 49	23 43	0 29	22 43	0 25	16 30	0 16	18 54	0 8	17 12	5 57	12 28	12 58	27 57	10 44	1 35
W12	1 19	27 21	3 59	8 15	3 11	15 52	1 55	2 51	0 49	23 43	0 29	22 42	0 25	16 31	0 16	18 53	0 8	17 12	5 57	12 28	12 56	27 58	10 43	1 35
T 13	0 55	28 4	4 35	8 24	3 16	15 43	1 49	2 33	0 48	23 43	0 29	22 42	0 25	16 32	0 16	18 53	0 8	17 12	5 57	12 28	12 55	27 58	10 41	1 34
F 14	0 32	27 30	4 59	8 30	3 19	15 33	1 42	2 14	0 48	23 43	0 29	22 42	0 25	16 32	0 16	18 53	0 8	17 12	5 57	12 27	12 54	27 58	10 39	1 34
S 15	0 8	25 40	5 11	8 32	3 21	15 23	1 35	1 55	0 48	23 43	0 29	22 42	0 25	16 33	0 16	18 52	0 8	17 12	5 57	12 26	12 53	27 58	10 38	1 34
S 16	0n16	22 38	5 9	8 30	3 22	15 13	1 29	1 36	0 47	23 42	0 29	22 41	0 25	16 34	0 16	18 52	0 8	17 12	5 57	12 25	12 52	27 58	10 36	1 34
M17	0 39	18 32	4 52	8 24	3 21	15 2	1 22	1 17	0 47	23 42	0 29	22 41	0 25	16 35	0 16	18 51	0 8	17 12	5 57	12 23	12 51	27 59	10 34	1 33
T 18	1 3	13 33	4 21	8 14	3 18	14 50	1 16	0 59	0 46	23 42	0 29	22 41	0 25	16 36	0 16	18 51	0 8	17 12	5 58	12 21	12 50	27 59	10 32	1 33
W19	1 26	7 53	3 36	8 0	3 14	14 38	1 10	0 40	0 46	23 42	0 29	22 41	0 25	16 36	0 16	18 51	0 8	17 12	5 58	12 20	12 49	27 59	10 31	1 33
T 20	1 50	1 45	2 39	7 43	3 8	14 26	1 4	0 21	0 45	23 42	0 29	22 41	0 25	16 37	0 16	18 50	0 8	17 12	5 58	12 18	12 48	27 59	10 29	1 33
F 21	2 13	4n36	1 32	7 23	3 1	14 13	0 57	0 2	0 45	23 41	0 29	22 41	0 25	16 38	0 16	18 50	0 8	17 11	5 58	12 18	12 47	27 59	10 27	1 32
S 22	2 37	10 51	0 18	6 59	2 52	13 59	0 51	0n16	0 44	23 41	0 29	22 40	0 25	16 39	0 16	18 50	0 8	17 11	5 58	12 17	12 46	28 0	10 25	1 32
S 23	3 0	16 40	0n58	6 34	2 41	13 46	0 46	0 35	0 44	23 41	0 29	22 40	0 25	16 40	0 15	18 49	0 8	17 11	5 58	12 17	12 45	28 0	10 23	1 32
M24	3 23	21 40	2 11	6 6	2 29	13 31	0 40	0 54	0 43	23 40	0 29	22 40	0 25	16 40	0 15	18 49	0 8	17 11	5 58	12 18	12 43	28 0	10 22	1 32
T 25	3 47	25 27	3 17	5 37	2 16	13 17	0 34	1 12	0 43	23 40	0 29	22 40	0 25	16 41	0 15	18 49	0 8	17 11	5 58	12 18	12 42	28 0	10 20	1 31
W26	4 10	27 40	4 11	5 6	2 2	13 1	0 28	1 31	0 42	23 40	0 29	22 40	0 25	16 42	0 15	18 48	0 8	17 11	5 58	12 19	12 41	28 0	10 18	1 31
T 27	4 33	28 4	4 50	4 35	1 48	12 46	0 23	1 50	0 42	23 39	0 29	22 40	0 25	16 43	0 15	18 48	0 8	17 11	5 58	12 19	12 40	28 0	10 16	1 31
F 28	4 56	26 37	5 11	4 4	1 32	12 30	0 17	2 8	0 41	23 39	0 29	22 39	0 25	16 44	0 15	18 48	0 8	17 11	5 58	12 19	12 39	28 0	10 14	1 30
S 29	5 19	23 30	5 13	3 32	1 16	12 13	0 12	2 27	0 41	23 39	0 29	22 39	0 25	16 45	0 15	18 48	0 8	17 11	5 58	12 18	12 38	28 1	10 12	1 30
S 30	5 42	19 1	4 57	3 2	0 59	11 56	0 7	2 45	0 40	23 38	0 29	22 39	0 25	16 46	0 15	18 47	0 8	17 11	5 59	12 18	12 37	28 1	10 10	1 30
M31	6n 4	13n34	4n23	2n33	0n43	11s39	0n 1	3n 3	0s40	23n38	0n29	22s39	0n25	16n47	0s15	18s47	0s 8	17s10	5n59	12n17	12n36	28s 1	10s 8	1s30

Julian Day Number = 2092941.5, Delta T = 22m57s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'19, Lahiri = 10°10'19 Julian Calendar 1 March 1018 == Greg. Calendar 7 March 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

APRIL 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 57 52	16♈18'46	19♍21	4°R13	0♓40	9♈57	10♋42	11♑36	17♉ 7	6♒53	19°R14	2°R 6	3♉ 0	6♑ 2	22°R17	T 1
W 2	13 1 48	17°17'11	2♎52	3♈46	1°44	10°42	10°48	11°37	17°10	6°54	19♐14	2♉ 4	2°57	6° 9	22♎13	W 2
T 3	13 5 45	18°15'35	16° 8	3°23	2°47	11°27	10°53	11°38	17°13	6°55	19°13	2° 3	2°54	6°16	22° 8	T 3
F 4	13 9 41	19°13'57	29° 7	3° 5	3°52	12°12	11° 0	11°40	17°17	6°56	19°13	2°D 2	2°51	6°22	22° 3	F 4
S 5	13 13 38	20°12'17	11♏51	2°52	4°56	12°57	11° 6	11°41	17°20	6°57	19°12	2° 3	2°47	6°29	21°59	S 5
S 6	13 17 34	21°10'35	24°19	2°43	6° 1	13°42	11°12	11°42	17°23	6°58	19°12	2° 3	2°44	6°36	21°54	S 6
M 7	13 21 31	22° 8'52	6♐33	2°D40	7° 5	14°27	11°19	11°43	17°26	6°59	19°11	2° 4	2°41	6°43	21°50	M 7
T 8	13 25 28	23° 7'07	18°36	2°42	8°10	15°12	11°25	11°43	17°29	7° 0	19°10	2° 5	2°38	6°49	21°45	T 8
W 9	13 29 24	24° 5'20	0♑32	2°48	9°15	15°57	11°32	11°44	17°33	7° 0	19°10	2° 6	2°35	6°56	21°40	W 9
T 10	13 33 21	25° 3'32	12°25	2°59	10°21	16°41	11°39	11°45	17°36	7° 1	19° 9	2° 6	2°32	7° 3	21°36	T 10
F 11	13 37 17	26° 1'43	24°19	3°15	11°26	17°26	11°46	11°45	17°39	7° 2	19° 8	2°R 7	2°28	7° 9	21°31	F 11
S 12	13 41 14	26°59'52	6♒18	3°36	12°32	18°11	11°53	11°46	17°43	7° 3	19° 7	2° 7	2°25	7°16	21°27	S 12
S 13	13 45 10	27°57'59	18°28	4° 1	13°38	18°55	12° 1	11°46	17°46	7° 3	19° 7	2° 6	2°22	7°23	21°22	S 13
M14	13 49 7	28°56'05	0♓52	4°30	14°44	19°40	12° 8	11°46	17°49	7° 4	19° 6	2° 6	2°19	7°29	21°18	M14
T 15	13 53 3	29°54'09	13°35	5° 3	15°50	20°25	12°16	11°46	17°53	7° 5	19° 5	2° 6	2°16	7°36	21°13	T 15
W16	13 57 0	0♉52'12	26°38	5°40	16°56	21° 9	12°23	11°R46	17°56	7° 5	19° 4	2° 5	2°13	7°43	21° 9	W16
T 17	14 0 57	1°50'13	10♈ 2	6°22	18° 3	21°53	12°31	11°46	18° 0	7° 6	19° 3	2°D 5	2° 9	7°50	21° 4	T 17
F 18	14 4 53	2°48'13	23°48	7° 6	19° 9	22°38	12°39	11°46	18° 3	7° 7	19° 2	2° 5	2° 6	7°56	21° 0	F 18
S 19	14 8 50	3°46'11	7♉52	7°55	20°16	23°22	12°47	11°46	18° 6	7° 7	19° 1	2°R 5	2° 3	8° 3	20°55	S 19
S 20	14 12 46	4°44'08	22°12	8°46	21°23	24° 6	12°56	11°46	18°10	7° 8	19° 0	2° 5	2° 0	8°10	20°51	S 20
M21	14 16 43	5°42'03	6♊41	9°41	22°30	24°51	13° 4	11°45	18°13	7° 8	18°59	2° 5	1°57	8°16	20°47	M21
T 22	14 20 39	6°39'57	21°15	10°39	23°37	25°35	13°12	11°45	18°17	7° 8	18°58	2° 5	1°53	8°23	20°42	T 22
W23	14 24 36	7°37'48	5♋47	11°40	24°44	26°19	13°21	11°44	18°20	7° 9	18°57	2° 4	1°50	8°30	20°38	W23
T 24	14 28 32	8°35'38	20°13	12°44	25°52	27° 3	13°30	11°43	18°24	7° 9	18°56	2° 4	1°47	8°37	20°34	T 24
F 25	14 32 29	9°33'26	4♌29	13°51	26°59	27°47	13°39	11°42	18°27	7°10	18°55	2°D 3	1°44	8°43	20°30	F 25
S 26	14 36 26	10°31'13	18°32	15° 1	28° 7	28°31	13°47	11°41	18°31	7°10	18°54	2° 3	1°41	8°50	20°26	S 26
S 27	14 40 22	11°28'57	2♍20	16°13	29°15	29°15	13°56	11°40	18°34	7°10	18°53	2° 4	1°38	8°57	20°22	S 27
M28	14 44 19	12°26'40	15°55	17°28	0♈22	29°59	14° 6	11°39	18°38	7°10	18°52	2° 5	1°34	9° 3	20°18	M28
T 29	14 48 15	13°24'21	29°15	18°46	1°30	0♉42	14°15	11°38	18°41	7°10	18°51	2° 5	1°31	9°10	20°14	T 29
W30	14 52 12	14♉22'00	12♎21	20♈ 6	2♈38	1♉26	14♋24	11♑37	18♉45	7♒11	18♐49	2♉ 6	1♉28	9♑17	20♎10	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n27	7n31	3n34	2n 5	0n26	11s21	0s 4	3n22	0s39	23n37	0n29	22s39	0n25	16n48	0s15	18s47	0s 8	17s10	5n59	12n16	12n35	28s 1	10s 6	1s29
W 2	6 49	1 13	2 34	1 39	0 10	11 3	0 9	3 40	0 38	23 37	0 29	22 39	0 25	16 48	0 15	18 47	0 8	17 10	5 59	12 15	12 34	28 1	10 4	1 29
T 3	7 12	5s 3	1 27	1 15	0s 7	10 45	0 13	3 58	0 38	23 37	0 29	22 39	0 25	16 49	0 15	18 46	0 8	17 10	5 59	12 15	12 33	28 1	10 2	1 29
F 4	7 34	10 58	0 16	0 53	0 22	10 26	0 18	4 16	0 37	23 36	0 29	22 39	0 24	16 50	0 15	18 46	0 8	17 10	5 59	12 15	12 31	28 1	10 0	1 28
S 5	7 56	16 20	0s54	0 34	0 38	10 6	0 23	4 35	0 37	23 36	0 29	22 39	0 24	16 51	0 15	18 46	0 8	17 10	5 59	12 15	12 30	28 1	9 58	1 28
S 6	8 18	20 53	2 0	0 17	0 53	9 47	0 27	4 53	0 36	23 35	0 30	22 39	0 24	16 52	0 15	18 46	0 8	17 10	5 59	12 15	12 29	28 1	9 56	1 28
M 7	8 40	24 28	3 0	0 3	1 7	9 27	0 32	5 11	0 36	23 34	0 30	22 39	0 24	16 53	0 15	18 45	0 8	17 10	5 59	12 15	12 28	28 1	9 54	1 28
T 8	9 2	26 54	3 50	0s 9	1 20	9 7	0 36	5 29	0 35	23 34	0 30	22 39	0 24	16 54	0 15	18 45	0 8	17 9	5 59	12 16	12 27	28 1	9 52	1 27
W 9	9 24	28 4	4 30	0 18	1 33	8 46	0 40	5 46	0 35	23 33	0 30	22 39	0 24	16 55	0 15	18 45	0 8	17 9	5 59	12 16	12 26	28 1	9 50	1 27
T 10	9 45	27 56	4 58	0 24	1 45	8 25	0 45	6 4	0 34	23 33	0 30	22 39	0 24	16 56	0 15	18 45	0 8	17 9	5 59	12 16	12 25	28 1	9 48	1 27
F 11	10 6	26 31	5 14	0 28	1 56	8 4	0 49	6 22	0 34	23 32	0 30	22 39	0 24	16 57	0 15	18 45	0 8	17 9	5 59	12 16	12 24	28 1	9 46	1 26
S 12	10 27	23 53	5 16	0 29	2 6	7 42	0 53	6 40	0 33	23 32	0 30	22 39	0 24	16 58	0 15	18 44	0 8	17 9	5 59	12 16	12 23	28 1	9 44	1 26
S 13	10 48	20 11	5 4	0 28	2 15	7 20	0 56	6 57	0 32	23 31	0 30	22 39	0 24	16 59	0 15	18 44	0 8	17 9	5 59	12 16	12 22	28 1	9 42	1 26
M14	11 9	15 33	4 38	0 24	2 24	6 58	1 0	7 15	0 32	23 30	0 30	22 39	0 24	17 0	0 15	18 44	0 8	17 9	5 59	12 16	12 21	28 1	9 40	1 25
T 15	11 30	10 8	3 58	0 18	2 32	6 36	1 4	7 32	0 31	23 30	0 30	22 39	0 24	17 1	0 15	18 44	0 8	17 9	6 0	12 16	12 19	28 1	9 38	1 25
W16	11 50	4 10	3 4	0 10	2 39	6 13	1 7	7 49	0 31	23 29	0 30	22 39	0 24	17 2	0 15	18 44	0 8	17 9	6 0	12 16	12 18	28 1	9 36	1 25
T 17	12 11	2n10	1 59	0n 1	2 45	5 50	1 11	8 7	0 30	23 28	0 30	22 39	0 24	17 3	0 15	18 44	0 8	17 8	6 0	12 16	12 17	28 1	9 34	1 24
F 18	12 31	8 34	0 46	0 14	2 50	5 27	1 14	8 24	0 30	23 27	0 30	22 39	0 24	17 3	0 15	18 44	0 8	17 8	6 0	12 16	12 16	28 1	9 32	1 24
S 19	12 51	14 43	0n32	0 29	2 55	5 3	1 17	8 41	0 29	23 27	0 30	22 39	0 24	17 4	0 15	18 43	0 8	17 8	6 0	12 16	12 15	28 1	9 30	1 23
S 20	13 10	20 10	1 49	0 45	2 59	4 40	1 20	8 58	0 28	23 26	0 30	22 39	0 24	17 5	0 15	18 43	0 8	17 8	6 0	12 16	12 14	28 1	9 28	1 23
M21	13 30	24 30	3 0	1 4	3 2	4 16	1 23	9 14	0 28	23 25	0 30	22 39	0 24	17 6	0 15	18 43	0 8	17 8	6 0	12 16	12 13	28 1	9 26	1 23
T 22	13 49	27 16	4 0	1 25	3 4	3 52	1 26	9 31	0 27	23 24	0 30	22 39	0 24	17 7	0 15	18 43	0 8	17 8	6 0	12 16	12 12	28 1	9 24	1 22
W23	14 8	28 10	4 44	1 47	3 6	3 27	1 29	9 48	0 27	23 23	0 30	22 39	0 24	17 8	0 15	18 43	0 8	17 8	6 0	12 15	12 11	28 1	9 22	1 22
T 24	14 27	27 9	5 10	2 11	3 7	3 3	1 31	10 4	0 26	23 23	0 30	22 39	0 24	17 9	0 15	18 43	0 8	17 8	6 0	12 15	12 9	28 1	9 20	1 22
F 25	14 45	24 22	5 16	2 37	3 7	2 38	1 34	10 21	0 25	23 22	0 30	22 40	0 24	17 10	0 15	18 43	0 8	17 8	6 0	12 15	12 8	28 0	9 18	1 21
S 26	15 3	20 10	5 4	3 4	3 7	2 13	1 36	10 37	0 25	23 21	0 30	22 40	0 24	17 11	0 15	18 43	0 8	17 7	6 0	12 15	12 7	28 0	9 16	1 21
S 27	15 22	14 57	4 34	3 33	3 6	1 49	1 39	10 53	0 24	23 20	0 30	22 40	0 23	17 12	0 15	18 43	0 8	17 7	6 0	12 15	12 6	28 0	9 14	1 21
M28	15 39	9 6	3 49	4 3	3 4	1 23	1 41	11 9	0 24	23 19	0 30	22 40	0 23	17 13	0 15	18 43	0 8	17 7	6 0	12 16	12 5	28 0	9 12	1 20
T 29	15 57	2 56	2 52	4 35	3 2	0 58	1 43	11 25	0 23	23 18	0 30	22 40	0 23	17 14	0 15	18 43	0 8	17 7	6 0	12 16	12 4	28 0	9 11	1 20
W30	16n14	3s16	1n47	5n 8	2s59	0s33	1s45	11n41	0s22	23n17	0n30	22s40	0n23	17n15	0s15	18s43	0s 8	17s 7	6n 0	12n16	12n 3	28s 0	9s 9	1s19

Julian Day Number = 2092972.5, Delta T = 22m57s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'23, Lahiri = 10°10'23 Julian Calendar 1 Apr. 1018 == Greg. Calendar 7 Apr. 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

MAY 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 56 8	15♉19'38	25♎13	21♈29	3♈46	2♉10	14♋34	11°R35	18♉48	7♒11	18°R48	2♉ 7	1♉25	9♑24	20°R 6	T 1
F 2	15 0 5	16°17'15	7♏53	22°54	4°55	2°53	14°43	11♑34	18°52	7°11	18♐47	2°R 7	1°22	9°30	20♎ 2	F 2
S 3	15 4 1	17°14'50	20°21	24°21	6° 3	3°37	14°53	11°32	18°55	7°11	18°46	2° 6	1°19	9°37	19°58	S 3
S 4	15 7 58	18°12'24	2♐38	25°51	7°11	4°20	15° 3	11°31	18°59	7°11	18°44	2° 5	1°15	9°44	19°55	S 4
M 5	15 11 55	19° 9'57	14°45	27°23	8°20	5° 4	15°13	11°29	19° 2	7°R11	18°43	2° 3	1°12	9°50	19°51	M 5
T 6	15 15 51	20° 7'29	26°45	28°58	9°28	5°47	15°22	11°27	19° 6	7°11	18°42	2° 0	1° 9	9°57	19°48	T 6
W 7	15 19 48	21° 5'00	8♑40	0♉35	10°37	6°31	15°33	11°25	19° 9	7°11	18°41	1°57	1° 6	10° 4	19°44	W 7
T 8	15 23 44	22° 2'30	20°32	2°15	11°46	7°14	15°43	11°23	19°13	7°11	18°39	1°54	1° 3	10°11	19°41	T 8
F 9	15 27 41	22°59'59	2♒25	3°56	12°55	7°57	15°53	11°21	19°16	7°11	18°38	1°52	0°59	10°17	19°38	F 9
S 10	15 31 37	23°57'28	14°24	5°40	14° 4	8°40	16° 3	11°19	19°20	7°10	18°37	1°51	0°56	10°24	19°34	S 10
S 11	15 35 34	24°54'55	26°32	7°27	15°13	9°23	16°14	11°16	19°23	7°10	18°35	1°D50	0°53	10°31	19°31	S 11
M12	15 39 30	25°52'22	8♓54	9°16	16°22	10° 6	16°24	11°14	19°27	7°10	18°34	1°51	0°50	10°37	19°28	M12
T 13	15 43 27	26°49'47	21°35	11° 7	17°31	10°49	16°35	11°11	19°30	7°10	18°32	1°52	0°47	10°44	19°25	T 13
W14	15 47 24	27°47'13	4♈38	13° 0	18°40	11°32	16°45	11° 9	19°34	7° 9	18°31	1°54	0°44	10°51	19°22	W14
T 15	15 51 20	28°44'37	18° 5	14°56	19°50	12°15	16°56	11° 6	19°37	7° 9	18°30	1°55	0°40	10°58	19°19	T 15
F 16	15 55 17	29°42'01	1♉58	16°53	20°59	12°58	17° 7	11° 4	19°41	7° 9	18°28	1°R56	0°37	11° 4	19°17	F 16
S 17	15 59 13	0♊39'24	16°16	18°53	22° 8	13°41	17°18	11° 1	19°44	7° 8	18°27	1°55	0°34	11°11	19°14	S 17
S 18	16 3 10	1°36'46	0♊55	20°55	23°18	14°24	17°29	10°58	19°47	7° 8	18°25	1°53	0°31	11°18	19°11	S 18
M19	16 7 6	2°34'07	15°48	22°59	24°28	15° 7	17°40	10°55	19°51	7° 8	18°24	1°50	0°28	11°24	19° 9	M19
T 20	16 11 3	3°31'28	0♋47	25° 4	25°37	15°49	17°51	10°52	19°54	7° 7	18°22	1°45	0°25	11°31	19° 7	T 20
W21	16 14 59	4°28'48	15°43	27°11	26°47	16°32	18° 2	10°49	19°58	7° 7	18°21	1°41	0°21	11°38	19° 4	W21
T 22	16 18 56	5°26'07	0♌28	29°20	27°57	17°14	18°13	10°46	20° 1	7° 6	18°19	1°37	0°18	11°45	19° 2	T 22
F 23	16 22 53	6°23'25	14°57	1♊29	29° 7	17°57	18°25	10°43	20° 5	7° 5	18°18	1°34	0°15	11°51	19° 0	F 23
S 24	16 26 49	7°20'41	29° 5	3°40	0♉17	18°39	18°36	10°39	20° 8	7° 5	18°16	1°32	0°12	11°58	18°58	S 24
S 25	16 30 46	8°17'57	12♍50	5°51	1°27	19°22	18°48	10°36	20°11	7° 4	18°15	1°D32	0° 9	12° 5	18°56	S 25
M26	16 34 42	9°15'12	26°15	8° 3	2°37	20° 4	18°59	10°33	20°15	7° 4	18°13	1°33	0° 5	12°11	18°54	M26
T 27	16 38 39	10°12'26	9♎20	10°15	3°47	20°46	19°11	10°29	20°18	7° 3	18°12	1°34	0° 2	12°18	18°53	T 27
W28	16 42 35	11° 9'39	22° 8	12°26	4°57	21°28	19°23	10°26	20°21	7° 2	18°10	1°36	29♈59	12°25	18°51	W28
T 29	16 46 32	12° 6'52	4♏42	14°38	6° 7	22°10	19°34	10°22	20°25	7° 1	18° 9	1°R36	29°56	12°32	18°50	T 29
F 30	16 50 28	13° 4'04	17° 4	16°48	7°17	22°52	19°46	10°19	20°28	7° 1	18° 7	1°35	29°53	12°38	18°48	F 30
S 31	16 54 25	14♊ 1'15	29♏18	18♊58	8♉28	23♉34	19♋58	10♑15	20♉31	7♒ 0	18♐ 6	1♉32	29♈50	12♑45	18♎47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n31	9s13	0n38	5n42	2s55	0s 7	1s47	11n57	0s22	23n16	0n30	22s40	0n23	17n16	0s15	18s43	0s 8	17s 7	6n 0	12n16	12n 2	28s 0	9s 7	1s19
F 2	16 48	14 43	0s32	6 18	2 51	0n18	1 49	12 13	0 21	23 15	0 30	22 41	0 23	17 17	0 15	18 43	0 8	17 7	6 0	12 16	12 1	27 59	9 5	1 19
S 3	17 4	19 31	1 39	6 55	2 47	0 44	1 50	12 28	0 20	23 14	0 30	22 41	0 23	17 18	0 15	18 43	0 8	17 7	6 0	12 16	12 0	27 59	9 3	1 18
S 4	17 21	23 25	2 41	7 32	2 41	1 9	1 52	12 43	0 20	23 13	0 30	22 41	0 23	17 19	0 15	18 43	0 8	17 7	6 0	12 16	11 58	27 59	9 2	1 18
M 5	17 37	26 14	3 34	8 11	2 35	1 35	1 53	12 59	0 19	23 12	0 30	22 41	0 23	17 20	0 15	18 43	0 8	17 6	6 0	12 15	11 57	27 59	9 0	1 18
T 6	17 52	27 49	4 17	8 51	2 29	2 1	1 55	13 14	0 19	23 11	0 30	22 41	0 23	17 21	0 15	18 43	0 8	17 6	6 0	12 14	11 56	27 59	8 58	1 17
W 7	18 8	28 5	4 49	9 31	2 22	2 27	1 56	13 29	0 18	23 9	0 30	22 42	0 23	17 22	0 15	18 43	0 8	17 6	6 0	12 13	11 55	27 58	8 57	1 17
T 8	18 23	27 4	5 8	10 13	2 15	2 53	1 57	13 44	0 17	23 8	0 30	22 42	0 23	17 23	0 15	18 43	0 8	17 6	6 0	12 12	11 54	27 58	8 55	1 16
F 9	18 37	24 49	5 14	10 55	2 7	3 19	1 58	13 58	0 17	23 7	0 30	22 42	0 23	17 24	0 15	18 43	0 8	17 6	6 0	12 11	11 53	27 58	8 53	1 16
S 10	18 52	21 29	5 7	11 37	1 58	3 45	1 59	14 13	0 16	23 6	0 30	22 42	0 23	17 25	0 15	18 43	0 8	17 6	6 0	12 11	11 52	27 58	8 52	1 16
S 11	19 6	17 12	4 46	12 21	1 50	4 11	2 0	14 27	0 15	23 5	0 30	22 43	0 23	17 26	0 15	18 43	0 9	17 6	6 0	12 11	11 51	27 58	8 50	1 15
M12	19 20	12 9	4 11	13 4	1 41	4 37	2 1	14 42	0 15	23 3	0 30	22 43	0 23	17 27	0 15	18 43	0 9	17 6	6 0	12 11	11 50	27 57	8 49	1 15
T 13	19 33	6 28	3 24	13 48	1 31	5 3	2 1	14 56	0 14	23 2	0 30	22 43	0 23	17 28	0 15	18 43	0 9	17 6	6 0	12 11	11 48	27 57	8 47	1 14
W14	19 46	0 21	2 24	14 32	1 21	5 29	2 2	15 10	0 14	23 1	0 30	22 43	0 23	17 29	0 15	18 43	0 9	17 6	6 0	12 12	11 47	27 57	8 46	1 14
T 15	19 59	5n58	1 15	15 16	1 11	5 54	2 2	15 24	0 13	23 0	0 30	22 44	0 23	17 30	0 15	18 43	0 9	17 6	6 0	12 12	11 46	27 56	8 44	1 14
F 16	20 12	12 14	0n 0	16 0	1 1	6 20	2 3	15 37	0 12	22 58	0 31	22 44	0 22	17 31	0 15	18 43	0 9	17 5	6 0	12 12	11 45	27 56	8 43	1 13
S 17	20 24	18 2	1 18	16 44	0 50	6 46	2 3	15 51	0 12	22 57	0 31	22 44	0 22	17 32	0 15	18 44	0 9	17 5	6 0	12 12	11 44	27 56	8 41	1 13
S 18	20 36	22 56	2 32	17 27	0 39	7 12	2 3	16 4	0 11	22 55	0 31	22 44	0 22	17 32	0 15	18 44	0 9	17 5	6 0	12 12	11 43	27 56	8 40	1 12
M19	20 47	26 24	3 37	18 10	0 28	7 37	2 3	16 17	0 10	22 54	0 31	22 45	0 22	17 33	0 15	18 44	0 9	17 5	6 0	12 10	11 42	27 55	8 39	1 12
T 20	20 58	28 1	4 27	18 51	0 17	8 3	2 3	16 30	0 10	22 53	0 31	22 45	0 22	17 34	0 15	18 44	0 9	17 5	6 0	12 9	11 41	27 55	8 37	1 12
W21	21 9	27 36	5 0	19 32	0 7	8 28	2 3	16 43	0 9	22 51	0 31	22 45	0 22	17 35	0 15	18 44	0 9	17 5	6 0	12 7	11 39	27 55	8 36	1 11
T 22	21 20	25 13	5 11	20 11	0n 4	8 53	2 3	16 56	0 8	22 50	0 31	22 46	0 22	17 36	0 15	18 44	0 9	17 5	5 59	12 6	11 38	27 54	8 35	1 11
F 23	21 30	21 16	5 3	20 49	0 15	9 18	2 3	17 9	0 8	22 48	0 31	22 46	0 22	17 37	0 15	18 44	0 9	17 5	5 59	12 5	11 37	27 54	8 34	1 10
S 24	21 39	16 10	4 36	21 25	0 25	9 43	2 2	17 21	0 7	22 47	0 31	22 46	0 22	17 38	0 15	18 45	0 9	17 5	5 59	12 4	11 36	27 54	8 33	1 10
S 25	21 49	10 23	3 54	21 59	0 35	10 8	2 2	17 33	0 7	22 45	0 31	22 47	0 22	17 39	0 15	18 45	0 9	17 5	5 59	12 4	11 35	27 53	8 32	1 9
M26	21 57	4 15	3 0	22 30	0 45	10 33	2 1	17 46	0 6	22 43	0 31	22 47	0 22	17 40	0 15	18 45	0 9	17 5	5 59	12 5	11 34	27 53	8 30	1 9
T 27	22 6	1s54	1 58	23 0	0 54	10 57	2 1	17 57	0 5	22 42	0 31	22 47	0 22	17 41	0 15	18 45	0 9	17 5	5 59	12 5	11 33	27 53	8 29	1 9
W28	22 14	7 52	0 51	23 27	1 3	11 21	2 0	18 9	0 5	22 40	0 31	22 48	0 22	17 42	0 15	18 45	0 9	17 5	5 59	12 5	11 32	27 52	8 28	1 8
T 29	22 22	13 25	0s17	23 51	1 11	11 45	1 59	18 21	0 4	22 39	0 31	22 48	0 22	17 43	0 15	18 45	0 9	17 5	5 59	12 6	11 31	27 52	8 27	1 8
F 30	22 29	18 21	1 23	24 13	1 19	12 9	1 58	18 32	0 3	22 37	0 31	22 48	0 22	17 43	0 15	18 46	0 9	17 5	5 59	12 5	11 29	27 51	8 27	1 7
S 31	22n36	22s27	2s24	24n32	1n26	12n33	1s58	18n43	0s 3	22n35	0n31	22s49	0n22	17n44	0s15	18s46	0s 9	17s 4	5n59	12n 4	11n28	27s51	8s26	1s 7

Julian Day Number = 2093002.5, Delta T = 22m56s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'27, Lahiri = 10°10'27 Julian Calendar 1 May 1018 == Greg. Calendar 7 May 1018

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1018
geocentric

JUNE 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 58 22	14♊58'26	11♐23	21♊ 6	9♉38	24♉16	20♋10	10°R11	20♉35	6°R59	18°R 4	1°R26	29♈46	12♑52	18°R46	S 1
M 2	17 2 18	15°55'36	23°23	23°14	10°49	24°58	20°22	10♑ 7	20°38	6♒58	18♐ 2	1♉20	29°43	12°59	18♎45	M 2
T 3	17 6 15	16°52'47	5♑19	25°19	11°59	25°40	20°34	10° 3	20°41	6°57	18° 1	1°11	29°40	13° 5	18°44	T 3
W 4	17 10 11	17°49'57	17°12	27°24	13°10	26°22	20°46	10° 0	20°44	6°56	17°59	1° 3	29°37	13°12	18°43	W 4
T 5	17 14 8	18°47'07	29° 4	29°26	14°20	27° 4	20°58	9°56	20°48	6°56	17°58	0°55	29°34	13°19	18°42	T 5
F 6	17 18 4	19°44'16	10♒57	1♋26	15°31	27°45	21°10	9°52	20°51	6°55	17°56	0°47	29°31	13°25	18°41	F 6
S 7	17 22 1	20°41'26	22°56	3°25	16°42	28°27	21°22	9°48	20°54	6°54	17°55	0°42	29°27	13°32	18°41	S 7
S 8	17 25 58	21°38'36	5♓ 3	5°22	17°53	29° 9	21°35	9°44	20°57	6°53	17°53	0°38	29°24	13°39	18°40	S 8
M 9	17 29 54	22°35'45	17°23	7°17	19° 3	29°50	21°47	9°39	21° 0	6°52	17°52	0°D37	29°21	13°46	18°40	M 9
T 10	17 33 51	23°32'55	29°59	9° 9	20°14	0♊32	21°59	9°35	21° 3	6°50	17°50	0°37	29°18	13°52	18°39	T 10
W11	17 37 47	24°30'05	12♈58	11° 0	21°25	1°13	22°12	9°31	21° 6	6°49	17°49	0°38	29°15	13°59	18°39	W11
T 12	17 41 44	25°27'16	26°21	12°48	22°36	1°55	22°24	9°27	21° 9	6°48	17°47	0°R38	29°11	14° 6	18°D39	T 12
F 13	17 45 40	26°24'26	10♉12	14°35	23°47	2°36	22°37	9°23	21°12	6°47	17°45	0°38	29° 8	14°12	18°39	F 13
S 14	17 49 37	27°21'37	24°31	16°19	24°59	3°17	22°49	9°18	21°15	6°46	17°44	0°36	29° 5	14°19	18°40	S 14
S 15	17 53 33	28°18'48	9♊16	18° 2	26°10	3°58	23° 2	9°14	21°18	6°45	17°42	0°31	29° 2	14°26	18°40	S 15
M16	17 57 30	29°16'00	24°20	19°42	27°21	4°40	23°14	9°10	21°21	6°44	17°41	0°25	28°59	14°33	18°40	M16
T 17	18 1 27	0♋13'12	9♋34	21°20	28°32	5°21	23°27	9° 5	21°24	6°42	17°39	0°17	28°56	14°39	18°41	T 17
W18	18 5 23	1°10'23	24°49	22°56	29°44	6° 2	23°40	9° 1	21°27	6°41	17°38	0° 8	28°52	14°46	18°41	W18
T 19	18 9 20	2° 7'35	9♌52	24°30	0♊55	6°43	23°52	8°57	21°30	6°40	17°36	29♈59	28°49	14°53	18°42	T 19
F 20	18 13 16	3° 4'46	24°35	26° 2	2° 6	7°24	24° 5	8°52	21°33	6°39	17°35	29°53	28°46	14°59	18°43	F 20
S 21	18 17 13	4° 1'58	8♍53	27°31	3°18	8° 5	24°18	8°48	21°36	6°37	17°33	29°48	28°43	15° 6	18°44	S 21
S 22	18 21 9	4°59'09	22°44	28°59	4°29	8°45	24°31	8°43	21°39	6°36	17°32	29°45	28°40	15°13	18°45	S 22
M23	18 25 6	5°56'21	6♎ 8	0♌24	5°41	9°26	24°44	8°39	21°41	6°35	17°31	29°D45	28°37	15°20	18°46	M23
T 24	18 29 2	6°53'32	19° 8	1°47	6°52	10° 7	24°56	8°35	21°44	6°33	17°29	29°45	28°33	15°26	18°47	T 24
W25	18 32 59	7°50'44	1♏47	3° 8	8° 4	10°48	25° 9	8°30	21°47	6°32	17°28	29°R45	28°30	15°33	18°49	W25
T 26	18 36 56	8°47'56	14°11	4°26	9°16	11°28	25°22	8°26	21°49	6°31	17°26	29°45	28°27	15°40	18°50	T 26
F 27	18 40 52	9°45'08	26°23	5°43	10°28	12° 9	25°35	8°21	21°52	6°29	17°25	29°42	28°24	15°47	18°52	F 27
S 28	18 44 49	10°42'20	8♐26	6°56	11°39	12°49	25°48	8°17	21°55	6°28	17°23	29°36	28°21	15°53	18°53	S 28
S 29	18 48 45	11°39'33	20°23	8° 8	12°51	13°30	26° 1	8°12	21°57	6°26	17°22	29°28	28°17	16° 0	18°55	S 29
M30	18 52 42	12♋36'46	2♑18	9♌17	14♊ 3	14♊10	26♋14	8♑ 8	22♉ 0	6♒25	17♐21	29♈17	28♈14	16♑ 7	18♎57	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n43	25s32	3s18	24n48	1n32	12n56	1s57	18n55	0s 2	22n33	0n31	22s49	0n21	17n45	0s15	18s46	0s 9	17s 4	5n59	12n 2	11n27	27s51	8s25	1s 7
M 2	22 49	27 27	4 3	25 1	1 38	13 19	1 55	19 5	0 1	22 32	0 31	22 50	0 21	17 46	0 15	18 46	0 9	17 4	5 59	12 0	11 26	27 50	8 24	1 6
T 3	22 55	28 4	4 37	25 12	1 43	13 42	1 54	19 16	0 1	22 30	0 31	22 50	0 21	17 47	0 15	18 47	0 9	17 4	5 59	11 57	11 25	27 50	8 23	1 6
W 4	23 0	27 23	4 58	25 19	1 47	14 5	1 53	19 27	0 0	22 28	0 31	22 50	0 21	17 48	0 15	18 47	0 9	17 4	5 58	11 54	11 24	27 49	8 23	1 5
T 5	23 6	25 27	5 7	25 24	1 50	14 27	1 52	19 37	0n 1	22 26	0 31	22 51	0 21	17 49	0 15	18 47	0 9	17 4	5 58	11 51	11 23	27 49	8 22	1 5
F 6	23 10	22 25	5 2	25 27	1 53	14 49	1 50	19 47	0 1	22 25	0 31	22 51	0 21	17 50	0 15	18 47	0 9	17 4	5 58	11 49	11 21	27 48	8 21	1 5
S 7	23 14	18 25	4 44	25 26	1 55	15 11	1 49	19 57	0 2	22 23	0 31	22 51	0 21	17 50	0 15	18 48	0 9	17 4	5 58	11 47	11 20	27 48	8 21	1 4
S 8	23 18	13 38	4 14	25 24	1 56	15 32	1 47	20 7	0 3	22 21	0 31	22 52	0 21	17 51	0 15	18 48	0 9	17 4	5 58	11 45	11 19	27 47	8 20	1 4
M 9	23 22	8 15	3 31	25 19	1 57	15 53	1 46	20 17	0 3	22 19	0 31	22 52	0 21	17 52	0 15	18 48	0 9	17 4	5 58	11 45	11 18	27 47	8 20	1 3
T 10	23 25	2 24	2 37	25 12	1 57	16 14	1 44	20 26	0 4	22 17	0 32	22 52	0 21	17 53	0 15	18 48	0 9	17 4	5 58	11 45	11 17	27 46	8 19	1 3
W11	23 27	3n43	1 33	25 2	1 56	16 34	1 42	20 35	0 5	22 15	0 32	22 53	0 21	17 54	0 15	18 49	0 9	17 4	5 58	11 45	11 16	27 46	8 19	1 3
T 12	23 29	9 52	0 23	24 51	1 55	16 54	1 41	20 44	0 5	22 13	0 32	22 53	0 21	17 54	0 15	18 49	0 9	17 4	5 57	11 45	11 15	27 45	8 18	1 2
F 13	23 31	15 46	0n51	24 38	1 52	17 14	1 39	20 53	0 6	22 11	0 32	22 54	0 21	17 55	0 15	18 49	0 9	17 4	5 57	11 45	11 14	27 45	8 18	1 2
S 14	23 33	21 0	2 4	24 23	1 50	17 33	1 37	21 2	0 7	22 9	0 32	22 54	0 20	17 56	0 15	18 50	0 9	17 4	5 57	11 45	11 12	27 44	8 18	1 1
S 15	23 33	25 6	3 11	24 6	1 46	17 51	1 35	21 11	0 7	22 7	0 32	22 54	0 20	17 57	0 15	18 50	0 9	17 4	5 57	11 43	11 11	27 44	8 17	1 1
M16	23 34	27 33	4 6	23 48	1 43	18 10	1 33	21 19	0 8	22 5	0 32	22 55	0 20	17 58	0 15	18 50	0 9	17 4	5 57	11 41	11 10	27 43	8 17	1 0
T 17	23 34	27 57	4 44	23 29	1 38	18 28	1 31	21 27	0 9	22 3	0 32	22 55	0 20	17 58	0 15	18 51	0 9	17 4	5 57	11 38	11 9	27 43	8 17	1 0
W18	23 34	26 14	5 3	23 8	1 33	18 45	1 29	21 35	0 9	22 0	0 32	22 56	0 20	17 59	0 15	18 51	0 9	17 4	5 57	11 35	11 8	27 42	8 17	1 0
T 19	23 33	22 40	4 59	22 46	1 27	19 2	1 27	21 43	0 10	21 58	0 32	22 56	0 20	18 0	0 15	18 51	0 9	17 4	5 57	11 32	11 7	27 42	8 17	0 59
F 20	23 32	17 44	4 36	22 23	1 21	19 19	1 25	21 50	0 11	21 56	0 32	22 56	0 20	18 1	0 15	18 52	0 9	17 4	5 56	11 29	11 6	27 41	8 17	0 59
S 21	23 30	11 56	3 56	21 59	1 15	19 35	1 22	21 57	0 11	21 54	0 32	22 57	0 20	18 1	0 15	18 52	0 9	17 4	5 56	11 28	11 5	27 41	8 17	0 58
S 22	23 28	5 43	3 4	21 35	1 8	19 50	1 20	22 5	0 12	21 52	0 32	22 57	0 20	18 2	0 15	18 52	0 9	17 4	5 56	11 27	11 3	27 40	8 17	0 58
M23	23 26	0s35	2 2	21 9	1 0	20 6	1 18	22 12	0 13	21 49	0 32	22 57	0 20	18 3	0 15	18 53	0 9	17 4	5 56	11 27	11 2	27 39	8 17	0 58
T 24	23 23	6 40	0 56	20 43	0 52	20 20	1 15	22 18	0 13	21 47	0 32	22 58	0 20	18 4	0 15	18 53	0 9	17 4	5 56	11 27	11 1	27 39	8 17	0 57
W25	23 20	12 20	0s11	20 16	0 44	20 34	1 13	22 25	0 14	21 45	0 32	22 58	0 20	18 4	0 15	18 53	0 9	17 4	5 56	11 27	11 0	27 38	8 17	0 57
T 26	23 16	17 23	1 16	19 49	0 35	20 48	1 11	22 31	0 15	21 43	0 32	22 59	0 19	18 5	0 15	18 54	0 9	17 4	5 55	11 26	10 59	27 38	8 17	0 57
F 27	23 12	21 39	2 16	19 21	0 25	21 1	1 8	22 37	0 15	21 40	0 32	22 59	0 19	18 6	0 15	18 54	0 9	17 5	5 55	11 25	10 58	27 37	8 17	0 56
S 28	23 8	24 57	3 10	18 54	0 16	21 13	1 6	22 43	0 16	21 38	0 33	22 59	0 19	18 6	0 15	18 54	0 9	17 5	5 55	11 23	10 57	27 36	8 18	0 56
S 29	23 3	27 7	3 54	18 25	0 6	21 25	1 3	22 49	0 17	21 36	0 33	23 0	0 19	18 7	0 15	18 55	0 9	17 5	5 55	11 21	10 55	27 36	8 18	0 55
M30	22n58	28s 1	4s28	17n57	0s 5	21n36	1s 1	22n55	0n17	21n33	0n33	23s 0	0n19	18n 8	0s15	18s55	0s 9	17s 5	5n55	11n17	10n54	27s35	8s18	0s55

Julian Day Number = 2093033.5, Delta T = 22m56s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'31, Lahiri = 10°10'32 Julian Calendar 1 June 1018 == Greg. Calendar 7 June 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

JULY 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 56 38	13♋34'00	14♉10	10♌23	15♊15	14♊50	26♋27	8°R 4	22♉ 2	6°R23	17°R19	29°R 5	28♈11	16♉13	18♎59	T 1
W 2	19 0 35	14°31'14	26° 3	11°27	16°27	15°31	26°40	7♉59	22° 5	6♒22	17♐18	28♈51	28° 8	16°20	19° 1	W 2
T 3	19 4 32	15°28'29	7♒57	12°27	17°39	16°11	26°53	7°55	22° 7	6°20	17°17	28°38	28° 5	16°27	19° 3	T 3
F 4	19 8 28	16°25'45	19°54	13°25	18°51	16°51	27° 6	7°50	22° 9	6°19	17°15	28°27	28° 2	16°34	19° 6	F 4
S 5	19 12 25	17°23'02	1♓56	14°20	20° 3	17°31	27°20	7°46	22°12	6°17	17°14	28°18	27°58	16°40	19° 8	S 5
S 6	19 16 21	18°20'19	14° 6	15°12	21°15	18°11	27°33	7°42	22°14	6°16	17°13	28°11	27°55	16°47	19°10	S 6
M 7	19 20 18	19°17'37	26°27	16° 0	22°28	18°51	27°46	7°37	22°16	6°14	17°12	28° 7	27°52	16°54	19°13	M 7
T 8	19 24 14	20°14'57	9♈ 3	16°45	23°40	19°31	27°59	7°33	22°19	6°13	17°10	28° 5	27°49	17° 0	19°16	T 8
W 9	19 28 11	21°12'17	21°57	17°27	24°52	20°11	28°12	7°29	22°21	6°11	17° 9	28° 5	27°46	17° 7	19°19	W 9
T 10	19 32 7	22° 9'39	5♉14	18° 4	26° 5	20°51	28°25	7°25	22°23	6°10	17° 8	28° 5	27°42	17°14	19°21	T 10
F 11	19 36 4	23° 7'02	18°58	18°38	27°17	21°31	28°39	7°20	22°25	6° 8	17° 7	28° 4	27°39	17°21	19°25	F 11
S 12	19 40 1	24° 4'26	3♊ 9	19° 8	28°29	22°11	28°52	7°16	22°27	6° 7	17° 6	28° 1	27°36	17°27	19°28	S 12
S 13	19 43 57	25° 1'51	17°47	19°33	29°42	22°51	29° 5	7°12	22°29	6° 5	17° 4	27°56	27°33	17°34	19°31	S 13
M14	19 47 54	25°59'18	2♋47	19°54	0♋55	23°30	29°18	7° 8	22°31	6° 3	17° 3	27°47	27°30	17°41	19°34	M14
T 15	19 51 50	26°56'45	18° 2	20°10	2° 7	24°10	29°31	7° 4	22°33	6° 2	17° 2	27°37	27°27	17°48	19°38	T 15
W16	19 55 47	27°54'14	3♌20	20°22	3°20	24°49	29°45	7° 0	22°35	6° 0	17° 1	27°26	27°23	17°54	19°41	W16
T 17	19 59 43	28°51'44	18°30	20°28	4°33	25°29	29°58	6°56	22°37	5°59	17° 0	27°16	27°20	18° 1	19°45	T 17
F 18	20 3 40	29°49'14	3♍23	20°R29	5°45	26° 8	0♌11	6°52	22°39	5°57	16°59	27° 7	27°17	18° 8	19°48	F 18
S 19	20 7 36	0♌46'46	17°50	20°25	6°58	26°48	0°24	6°48	22°40	5°55	16°58	27° 1	27°14	18°14	19°52	S 19
S 20	20 11 33	1°44'18	1♎48	20°16	8°11	27°27	0°37	6°44	22°42	5°54	16°57	26°57	27°11	18°21	19°56	S 20
M21	20 15 30	2°41'51	15°17	20° 1	9°24	28° 6	0°51	6°41	22°44	5°52	16°56	26°55	27° 8	18°28	20° 0	M21
T 22	20 19 26	3°39'25	28°19	19°41	10°37	28°46	1° 4	6°37	22°45	5°50	16°55	26°55	27° 4	18°35	20° 4	T 22
W23	20 23 23	4°37'00	10♏59	19°15	11°50	29°25	1°17	6°33	22°47	5°49	16°54	26°55	27° 1	18°41	20° 8	W23
T 24	20 27 19	5°34'36	23°19	18°45	13° 3	0♋ 4	1°30	6°30	22°49	5°47	16°53	26°54	26°58	18°48	20°12	T 24
F 25	20 31 16	6°32'14	5♐27	18° 9	14°16	0°43	1°43	6°26	22°50	5°45	16°52	26°51	26°55	18°55	20°17	F 25
S 26	20 35 12	7°29'52	17°25	17°29	15°29	1°22	1°57	6°23	22°52	5°44	16°52	26°46	26°52	19° 1	20°21	S 26
S 27	20 39 9	8°27'31	29°19	16°45	16°42	2° 1	2°10	6°19	22°53	5°42	16°51	26°37	26°48	19° 8	20°26	S 27
M28	20 43 5	9°25'12	11♑11	15°58	17°55	2°40	2°23	6°16	22°54	5°41	16°50	26°27	26°45	19°15	20°30	M28
T 29	20 47 2	10°22'54	23° 3	15° 8	19° 8	3°19	2°36	6°13	22°56	5°39	16°49	26°14	26°42	19°22	20°35	T 29
W30	20 50 59	11°20'37	4♒59	14°17	20°22	3°57	2°49	6° 9	22°57	5°37	16°49	26° 1	26°39	19°28	20°40	W30
T 31	20 54 55	12♌18'21	16♒58	13♌24	21♋35	4♋36	3♌ 2	6♉ 6	22♉58	5♒36	16♐48	25♈48	26♈36	19♉35	20♎45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n52	27s37	4s50	17n29	0s15	21n47	0s58	23n 0	0n18	21n31	0n33	23s 0	0n19	18n 8	0s15	18s56	0s 9	17s 5	5n54	11n12	10n53	27s34	8s19	0s55
W 2	22 46	25 58	5 0	17 1	0 26	21 57	0 55	23 5	0 19	21 28	0 33	23 1	0 19	18 9	0 15	18 56	0 9	17 5	5 54	11 8	10 52	27 34	8 19	0 54
T 3	22 40	23 9	4 56	16 33	0 38	22 7	0 53	23 10	0 19	21 26	0 33	23 1	0 19	18 9	0 15	18 56	0 9	17 5	5 54	11 3	10 51	27 33	8 20	0 54
F 4	22 33	19 21	4 40	16 6	0 49	22 16	0 50	23 15	0 20	21 23	0 33	23 1	0 19	18 10	0 15	18 57	0 9	17 5	5 54	10 59	10 50	27 32	8 20	0 53
S 5	22 26	14 44	4 11	15 39	1 1	22 24	0 48	23 19	0 21	21 21	0 33	23 2	0 19	18 11	0 15	18 57	0 9	17 5	5 54	10 56	10 49	27 32	8 21	0 53
S 6	22 18	9 31	3 30	15 12	1 13	22 32	0 45	23 24	0 21	21 18	0 33	23 2	0 19	18 11	0 15	18 58	0 9	17 5	5 53	10 53	10 47	27 31	8 21	0 53
M 7	22 10	3 51	2 39	14 46	1 25	22 39	0 42	23 28	0 22	21 16	0 33	23 2	0 18	18 12	0 15	18 58	0 9	17 5	5 53	10 52	10 46	27 30	8 22	0 52
T 8	22 2	2n 5	1 39	14 21	1 38	22 46	0 39	23 32	0 23	21 13	0 33	23 3	0 18	18 12	0 15	18 58	0 9	17 5	5 53	10 51	10 45	27 30	8 23	0 52
W 9	21 53	8 6	0 32	13 56	1 50	22 51	0 37	23 35	0 23	21 11	0 33	23 3	0 18	18 13	0 15	18 59	0 9	17 5	5 53	10 51	10 44	27 29	8 24	0 52
T 10	21 44	13 56	0n38	13 33	2 3	22 57	0 34	23 39	0 24	21 8	0 33	23 3	0 18	18 14	0 15	18 59	0 9	17 6	5 53	10 51	10 43	27 28	8 24	0 51
F 11	21 35	19 17	1 48	13 10	2 16	23 1	0 31	23 42	0 25	21 5	0 33	23 4	0 18	18 14	0 15	19 0	0 9	17 6	5 52	10 51	10 42	27 27	8 25	0 51
S 12	21 25	23 44	2 54	12 49	2 29	23 5	0 28	23 45	0 25	21 3	0 34	23 4	0 18	18 15	0 15	19 0	0 9	17 6	5 52	10 50	10 41	27 27	8 26	0 50
S 13	21 14	26 49	3 50	12 29	2 41	23 8	0 26	23 48	0 26	21 0	0 34	23 4	0 18	18 15	0 15	19 0	0 9	17 6	5 52	10 48	10 39	27 26	8 27	0 50
M14	21 4	28 5	4 32	12 10	2 54	23 11	0 23	23 51	0 27	20 57	0 34	23 5	0 18	18 16	0 15	19 1	0 9	17 6	5 52	10 45	10 38	27 25	8 28	0 50
T 15	20 53	27 14	4 56	11 54	3 6	23 13	0 20	23 54	0 27	20 55	0 34	23 5	0 18	18 16	0 15	19 1	0 9	17 6	5 52	10 41	10 37	27 24	8 29	0 49
W16	20 42	24 21	4 59	11 38	3 18	23 14	0 18	23 56	0 28	20 52	0 34	23 5	0 18	18 17	0 15	19 2	0 10	17 6	5 51	10 37	10 36	27 24	8 30	0 49
T 17	20 30	19 48	4 40	11 25	3 30	23 15	0 15	23 58	0 29	20 49	0 34	23 6	0 17	18 17	0 15	19 2	0 10	17 6	5 51	10 33	10 35	27 23	8 31	0 49
F 18	20 18	14 5	4 3	11 14	3 42	23 15	0 12	24 0	0 29	20 46	0 34	23 6	0 17	18 18	0 15	19 2	0 10	17 6	5 51	10 30	10 34	27 22	8 32	0 48
S 19	20 6	7 45	3 11	11 5	3 52	23 14	0 9	24 2	0 30	20 44	0 34	23 6	0 17	18 18	0 15	19 3	0 10	17 7	5 51	10 28	10 33	27 21	8 33	0 48
S 20	19 53	1 15	2 8	10 58	4 3	23 12	0 7	24 3	0 31	20 41	0 34	23 7	0 17	18 18	0 15	19 3	0 10	17 7	5 50	10 26	10 31	27 20	8 34	0 48
M21	19 40	5s 7	1 1	10 54	4 12	23 10	0 4	24 5	0 31	20 38	0 34	23 7	0 17	18 19	0 15	19 4	0 10	17 7	5 50	10 26	10 30	27 20	8 35	0 47
T 22	19 26	11 3	0s 7	10 52	4 20	23 7	0 1	24 6	0 32	20 35	0 34	23 7	0 17	18 19	0 15	19 4	0 10	17 7	5 50	10 26	10 29	27 19	8 36	0 47
W23	19 13	16 22	1 14	10 53	4 28	23 4	0n 2	24 7	0 33	20 32	0 34	23 7	0 17	18 20	0 15	19 5	0 10	17 7	5 50	10 26	10 28	27 18	8 38	0 46
T 24	18 59	20 53	2 15	10 57	4 34	23 0	0 4	24 8	0 33	20 30	0 35	23 8	0 17	18 20	0 15	19 5	0 10	17 7	5 49	10 25	10 27	27 17	8 39	0 46
F 25	18 44	24 25	3 9	11 3	4 39	22 55	0 7	24 8	0 34	20 27	0 35	23 8	0 17	18 21	0 15	19 5	0 10	17 8	5 49	10 24	10 26	27 16	8 40	0 46
S 26	18 30	26 50	3 53	11 12	4 42	22 49	0 9	24 9	0 35	20 24	0 35	23 8	0 17	18 21	0 15	19 6	0 10	17 8	5 49	10 22	10 25	27 15	8 42	0 45
S 27	18 15	28 1	4 27	11 23	4 44	22 43	0 12	24 9	0 36	20 21	0 35	23 9	0 16	18 21	0 15	19 6	0 10	17 8	5 49	10 19	10 23	27 14	8 43	0 45
M28	18 0	27 55	4 50	11 37	4 44	22 36	0 15	24 9	0 36	20 18	0 35	23 9	0 16	18 22	0 15	19 7	0 10	17 8	5 48	10 15	10 22	27 14	8 44	0 45
T 29	17 44	26 31	5 0	11 54	4 42	22 29	0 17	24 8	0 37	20 15	0 35	23 9	0 16	18 22	0 15	19 7	0 10	17 8	5 48	10 11	10 21	27 13	8 46	0 44
W30	17 28	23 55	4 57	12 12	4 38	22 21	0 20	24 8	0 38	20 12	0 35	23 9	0 16	18 22	0 15	19 7	0 10	17 8	5 48	10 6	10 20	27 12	8 47	0 44
T 31	17n12	20s17	4s40	12n32	4s32	22n12	0n22	24n 8	0n38	20n 9	0n35	23s10	0n16	18n23	0s15	19s 8	0s10	17s 9	5n48	10n 1	10n19	27s11	8s49	0s44

Julian Day Number = 2093063.5, Delta T = 22m56s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'35, Lahiri = 10°10'36 Julian Calendar 1 July 1018 == Greg. Calendar 7 July 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

AUGUST 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 58 52	13♌16'07	29♒ 2	12°R32	22♋48	5♋15	3♌16	6°R 3	22♉59	5°R34	16°R47	25°R36	26♈33	19♑42	20♎50	F 1
S 2	21 2 48	14°13'55	11♓13	11♌42	24° 2	5°53	3°29	6♑ 0	23° 1	5♒32	16♐46	25♈27	26°29	19°49	20°55	S 2
S 3	21 6 45	15°11'44	23°32	10°53	25°15	6°32	3°42	5°57	23° 2	5°31	16°46	25°20	26°26	19°55	21° 0	S 3
M 4	21 10 41	16° 9'34	6♈ 1	10° 8	26°29	7°11	3°55	5°54	23° 3	5°29	16°45	25°16	26°23	20° 2	21° 5	M 4
T 5	21 14 38	17° 7'27	18°43	9°28	27°42	7°49	4° 8	5°52	23° 4	5°28	16°45	25°15	26°20	20° 9	21°10	T 5
W 6	21 18 34	18° 5'21	1♉40	8°52	28°56	8°27	4°21	5°49	23° 5	5°26	16°44	25°D15	26°17	20°15	21°15	W 6
T 7	21 22 31	19° 3'17	14°56	8°23	0♌ 9	9° 6	4°34	5°46	23° 6	5°24	16°44	25°R15	26°14	20°22	21°21	T 7
F 8	21 26 28	20° 1'15	28°34	8° 1	1°23	9°44	4°47	5°44	23° 6	5°23	16°43	25°15	26°10	20°29	21°26	F 8
S 9	21 30 24	20°59'16	12♊35	7°46	2°37	10°22	5° 0	5°41	23° 7	5°21	16°43	25°13	26° 7	20°36	21°32	S 9
S 10	21 34 21	21°57'18	26°59	7°D39	3°51	11° 1	5°13	5°39	23° 8	5°20	16°42	25° 9	26° 4	20°42	21°38	S 10
M11	21 38 17	22°55'22	11♋43	7°41	5° 4	11°39	5°26	5°36	23° 9	5°18	16°42	25° 3	26° 1	20°49	21°43	M11
T 12	21 42 14	23°53'28	26°43	7°50	6°18	12°17	5°38	5°34	23° 9	5°17	16°41	24°54	25°58	20°56	21°49	T 12
W13	21 46 10	24°51'36	11♌49	8° 8	7°32	12°55	5°51	5°32	23°10	5°15	16°41	24°45	25°54	21° 2	21°55	W13
T 14	21 50 7	25°49'45	26°51	8°35	8°46	13°33	6° 4	5°30	23°10	5°14	16°41	24°36	25°51	21° 9	22° 1	T 14
F 15	21 54 3	26°47'57	11♍39	9°10	10° 0	14°11	6°17	5°28	23°11	5°12	16°41	24°29	25°48	21°16	22° 7	F 15
S 16	21 58 0	27°46'10	26° 7	9°53	11°14	14°49	6°30	5°26	23°11	5°11	16°40	24°24	25°45	21°23	22°13	S 16
S 17	22 1 57	28°44'24	10♎ 8	10°44	12°28	15°26	6°42	5°24	23°12	5° 9	16°40	24°21	25°42	21°29	22°19	S 17
M18	22 5 53	29°42'40	23°42	11°42	13°42	16° 4	6°55	5°23	23°12	5° 8	16°40	24°D20	25°39	21°36	22°25	M18
T 19	22 9 50	0♍40'58	6♏49	12°47	14°56	16°42	7° 8	5°21	23°12	5° 6	16°40	24°20	25°35	21°43	22°32	T 19
W20	22 13 46	1°39'17	19°31	13°59	16°10	17°19	7°20	5°20	23°13	5° 5	16°40	24°21	25°32	21°50	22°38	W20
T 21	22 17 43	2°37'38	1♐55	15°17	17°25	17°57	7°33	5°18	23°13	5° 3	16°39	24°R22	25°29	21°56	22°44	T 21
F 22	22 21 39	3°36'01	14° 3	16°41	18°39	18°34	7°45	5°17	23°13	5° 2	16°39	24°21	25°26	22° 3	22°51	F 22
S 23	22 25 36	4°34'25	26° 1	18°10	19°53	19°12	7°58	5°16	23°13	5° 1	16°D39	24°19	25°23	22°10	22°57	S 23
S 24	22 29 32	5°32'51	7♑55	19°43	21° 7	19°49	8°10	5°15	23°R13	4°59	16°39	24°14	25°20	22°16	23° 4	S 24
M25	22 33 29	6°31'19	19°47	21°20	22°22	20°26	8°23	5°14	23°13	4°58	16°39	24° 8	25°16	22°23	23°11	M25
T 26	22 37 26	7°29'48	1♒41	23° 0	23°36	21° 4	8°35	5°13	23°13	4°57	16°39	24° 0	25°13	22°30	23°17	T 26
W27	22 41 22	8°28'19	13°40	24°43	24°50	21°41	8°47	5°12	23°13	4°55	16°40	23°51	25°10	22°37	23°24	W27
T 28	22 45 19	9°26'52	25°46	26°28	26° 5	22°18	8°59	5°11	23°13	4°54	16°40	23°43	25° 7	22°43	23°31	T 28
F 29	22 49 15	10°25'27	8♓ 1	28°15	27°19	22°55	9°12	5°10	23°12	4°53	16°40	23°35	25° 4	22°50	23°38	F 29
S 30	22 53 12	11°24'04	20°25	0♍ 4	28°34	23°32	9°24	5°10	23°12	4°52	16°40	23°29	25° 0	22°57	23°45	S 30
S 31	22 57 8	12♍22'42	3♈ 0	1♍54	29♌48	24♋ 9	9♌36	5♑ 9	23♉12	4♒50	16♐40	23♈25	24♈57	23♑ 4	23♎52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n56	15s48	4s12	12n54	4s24	22n 2	0n25	24n 7	0n39	20n 6	0n35	23s10	0n16	18n23	0s15	19s 8	0s10	17s 9	5n47	9n57	10n18	27s10	8s50	0s43
S 2	16 39	10 39	3 31	13 17	4 15	21 52	0 27	24 6	0 40	20 3	0 35	23 10	0 16	18 23	0 15	19 9	0 10	17 9	5 47	9 54	10 16	27 9	8 52	0 43
S 3	16 22	5 1	2 40	13 41	4 4	21 41	0 30	24 5	0 40	20 0	0 35	23 10	0 16	18 23	0 15	19 9	0 10	17 9	5 47	9 51	10 15	27 8	8 54	0 43
M 4	16 5	0n52	1 40	14 5	3 51	21 30	0 32	24 3	0 41	19 57	0 36	23 11	0 16	18 24	0 15	19 9	0 10	17 9	5 47	9 50	10 14	27 7	8 55	0 42
T 5	15 47	6 50	0 35	14 30	3 37	21 18	0 34	24 2	0 42	19 54	0 36	23 11	0 15	18 24	0 15	19 10	0 10	17 10	5 46	9 49	10 13	27 6	8 57	0 42
W 6	15 29	12 39	0n34	14 54	3 21	21 5	0 37	24 0	0 42	19 51	0 36	23 11	0 15	18 24	0 15	19 10	0 10	17 10	5 46	9 49	10 12	27 5	8 59	0 42
T 7	15 11	18 2	1 43	15 17	3 5	20 52	0 39	23 58	0 43	19 48	0 36	23 11	0 15	18 24	0 15	19 11	0 10	17 10	5 46	9 49	10 11	27 4	9 0	0 41
F 8	14 53	22 40	2 48	15 40	2 48	20 38	0 41	23 56	0 44	19 45	0 36	23 11	0 15	18 25	0 15	19 11	0 10	17 10	5 45	9 49	10 9	27 3	9 2	0 41
S 9	14 35	26 8	3 44	16 1	2 30	20 23	0 43	23 54	0 44	19 42	0 36	23 12	0 15	18 25	0 15	19 11	0 10	17 11	5 45	9 49	10 8	27 2	9 4	0 41
S 10	14 16	28 0	4 28	16 20	2 12	20 8	0 46	23 52	0 45	19 39	0 36	23 12	0 15	18 25	0 15	19 12	0 10	17 11	5 45	9 47	10 7	27 1	9 6	0 40
M11	13 57	27 57	4 56	16 38	1 53	19 52	0 48	23 49	0 46	19 36	0 36	23 12	0 15	18 25	0 15	19 12	0 10	17 11	5 45	9 45	10 6	27 0	9 8	0 40
T 12	13 38	25 53	5 4	16 53	1 35	19 36	0 50	23 46	0 47	19 33	0 36	23 12	0 15	18 25	0 15	19 13	0 10	17 11	5 44	9 42	10 5	27 0	9 10	0 40
W13	13 18	21 59	4 51	17 6	1 17	19 19	0 52	23 43	0 47	19 30	0 37	23 12	0 15	18 25	0 15	19 13	0 10	17 11	5 44	9 38	10 4	26 59	9 11	0 39
T 14	12 59	16 40	4 18	17 16	0 59	19 2	0 54	23 40	0 48	19 27	0 37	23 13	0 15	18 26	0 15	19 13	0 10	17 12	5 44	9 35	10 3	26 57	9 13	0 39
F 15	12 39	10 25	3 27	17 24	0 41	18 44	0 56	23 37	0 49	19 24	0 37	23 13	0 14	18 26	0 15	19 14	0 10	17 12	5 44	9 32	10 1	26 56	9 15	0 39
S 16	12 19	3 46	2 25	17 28	0 25	18 25	0 58	23 33	0 49	19 21	0 37	23 13	0 14	18 26	0 15	19 14	0 10	17 12	5 43	9 30	10 0	26 55	9 17	0 38
S 17	11 59	2s53	1 15	17 30	0 9	18 6	0 59	23 30	0 50	19 18	0 37	23 13	0 14	18 26	0 15	19 14	0 10	17 12	5 43	9 29	9 59	26 54	9 19	0 38
M18	11 38	9 12	0 3	17 28	0n 6	17 47	1 1	23 26	0 51	19 15	0 37	23 13	0 14	18 26	0 15	19 15	0 10	17 13	5 43	9 29	9 58	26 53	9 21	0 38
T 19	11 17	14 55	1s 7	17 23	0 20	17 27	1 3	23 22	0 51	19 11	0 37	23 14	0 14	18 26	0 15	19 15	0 10	17 13	5 42	9 29	9 57	26 52	9 23	0 37
W20	10 57	19 48	2 11	17 15	0 34	17 6	1 4	23 18	0 52	19 8	0 37	23 14	0 14	18 26	0 15	19 16	0 10	17 13	5 42	9 29	9 56	26 51	9 26	0 37
T 21	10 36	23 43	3 8	17 4	0 46	16 45	1 6	23 14	0 53	19 5	0 37	23 14	0 14	18 26	0 15	19 16	0 10	17 14	5 42	9 30	9 54	26 50	9 28	0 37
F 22	10 14	26 30	3 55	16 49	0 57	16 23	1 8	23 9	0 53	19 2	0 38	23 14	0 14	18 26	0 15	19 16	0 10	17 14	5 42	9 29	9 53	26 49	9 30	0 37
S 23	9 53	28 1	4 31	16 31	1 7	16 1	1 9	23 5	0 54	18 59	0 38	23 14	0 14	18 26	0 15	19 17	0 10	17 14	5 41	9 28	9 52	26 48	9 32	0 36
S 24	9 32	28 14	4 55	16 11	1 16	15 39	1 11	23 0	0 55	18 56	0 38	23 14	0 13	18 26	0 15	19 17	0 10	17 14	5 41	9 27	9 51	26 47	9 34	0 36
M25	9 10	27 9	5 6	15 47	1 23	15 16	1 12	22 55	0 56	18 53	0 38	23 15	0 13	18 26	0 15	19 17	0 10	17 15	5 41	9 24	9 50	26 46	9 36	0 36
T 26	8 48	24 50	5 4	15 21	1 30	14 53	1 13	22 50	0 56	18 50	0 38	23 15	0 13	18 26	0 15	19 18	0 10	17 15	5 40	9 21	9 49	26 45	9 39	0 35
W27	8 26	21 25	4 49	14 51	1 36	14 29	1 15	22 45	0 57	18 47	0 38	23 15	0 13	18 26	0 15	19 18	0 10	17 15	5 40	9 18	9 47	26 44	9 41	0 35
T 28	8 4	17 5	4 21	14 20	1 40	14 5	1 16	22 40	0 58	18 43	0 38	23 15	0 13	18 26	0 15	19 18	0 10	17 16	5 40	9 15	9 46	26 43	9 43	0 35
F 29	7 42	12 1	3 40	13 46	1 44	13 40	1 17	22 34	0 58	18 40	0 39	23 15	0 13	18 26	0 15	19 19	0 10	17 16	5 40	9 12	9 45	26 41	9 45	0 34
S 30	7 20	6 24	2 49	13 11	1 47	13 15	1 18	22 29	0 59	18 37	0 39	23 15	0 13	18 26	0 15	19 19	0 10	17 16	5 39	9 10	9 44	26 40	9 48	0 34
S 31	6n57	0s27	1s48	12n33	1n49	12n50	1n19	22n23	1n 0	18n34	0n39	23s15	0n13	18n26	0s15	19s19	0s10	17s16	5n39	9n 9	9n43	26s39	9s50	0s34

Julian Day Number = 2093094.5, Delta T = 22m55s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'40, Lahiri = 10°10'40 Julian Calendar 1 Aug. 1018 == Greg. Calendar 7 Aug. 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

SEPTEMBER 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 1 5	13♍21'23	15♈45	3♍44	1♍ 3	24♋46	9♌48	5°R 9	23°R11	4°R49	16♐41	23°R23	24♈54	23♑10	23♎59	M 1
T 2	23 5 1	14°20'06	28°42	5°35	2°17	25°23	10° 0	5♑ 9	23♉11	4♒48	16°41	23°D23	24°51	23°17	24° 6	T 2
W 3	23 8 58	15°18'52	11♉52	7°26	3°32	26° 0	10°12	5° 9	23°10	4°47	16°41	23♈24	24°48	23°24	24°13	W 3
T 4	23 12 54	16°17'39	25°17	9°17	4°47	26°36	10°23	5°D 9	23°10	4°46	16°41	23°26	24°45	23°30	24°20	T 4
F 5	23 16 51	17°16'29	8♊57	11° 8	6° 1	27°13	10°35	5° 9	23° 9	4°45	16°42	23°27	24°41	23°37	24°27	F 5
S 6	23 20 48	18°15'21	22°53	12°58	7°16	27°49	10°47	5° 9	23° 9	4°44	16°42	23°R27	24°38	23°44	24°35	S 6
S 7	23 24 44	19°14'16	7♋ 5	14°48	8°31	28°26	10°59	5° 9	23° 8	4°42	16°43	23°26	24°35	23°51	24°42	S 7
M 8	23 28 41	20°13'13	21°31	16°38	9°45	29° 2	11°10	5° 9	23° 7	4°41	16°43	23°23	24°32	23°57	24°49	M 8
T 9	23 32 37	21°12'13	6♌ 8	18°26	11° 0	29°39	11°22	5°10	23° 6	4°40	16°44	23°19	24°29	24° 4	24°57	T 9
W10	23 36 34	22°11'14	20°49	20°15	12°15	0♌15	11°33	5°10	23° 6	4°39	16°44	23°15	24°26	24°11	25° 4	W10
T 11	23 40 30	23°10'18	5♍28	22° 2	13°30	0°51	11°45	5°11	23° 5	4°38	16°45	23°10	24°22	24°17	25°12	T 11
F 12	23 44 27	24° 9'24	19°59	23°49	14°45	1°27	11°56	5°12	23° 4	4°38	16°45	23° 6	24°19	24°24	25°19	F 12
S 13	23 48 23	25° 8'32	4♎13	25°35	16° 0	2° 4	12° 7	5°12	23° 3	4°37	16°46	23° 4	24°16	24°31	25°27	S 13
S 14	23 52 20	26° 7'42	18° 8	27°20	17°15	2°40	12°18	5°13	23° 2	4°36	16°47	23°D 3	24°13	24°38	25°34	S 14
M15	23 56 17	27° 6'54	1♏39	29° 4	18°29	3°16	12°30	5°14	23° 1	4°35	16°47	23° 3	24°10	24°44	25°42	M15
T 16	0 0 13	28° 6'08	14°46	0♎47	19°44	3°51	12°41	5°16	23° 0	4°34	16°48	23° 4	24° 6	24°51	25°50	T 16
W17	0 4 10	29° 5'24	27°32	2°30	20°59	4°27	12°51	5°17	22°58	4°33	16°49	23° 6	24° 3	24°58	25°57	W17
T 18	0 8 6	0♎ 4'42	9♐58	4°12	22°14	5° 3	13° 2	5°18	22°57	4°33	16°50	23° 7	24° 0	25° 5	26° 5	T 18
F 19	0 12 3	1° 4'02	22° 9	5°53	23°29	5°39	13°13	5°20	22°56	4°32	16°50	23° 8	23°57	25°11	26°13	F 19
S 20	0 15 59	2° 3'23	4♑ 9	7°33	24°44	6°14	13°24	5°21	22°55	4°31	16°51	23°R 9	23°54	25°18	26°21	S 20
S 21	0 19 56	3° 2'47	16° 4	9°13	26° 0	6°50	13°34	5°23	22°53	4°30	16°52	23° 8	23°51	25°25	26°29	S 21
M22	0 23 52	4° 2'12	27°56	10°52	27°15	7°25	13°45	5°24	22°52	4°30	16°53	23° 6	23°47	25°31	26°37	M22
T 23	0 27 49	5° 1'39	9♒52	12°30	28°30	8° 0	13°55	5°26	22°51	4°29	16°54	23° 4	23°44	25°38	26°44	T 23
W24	0 31 46	6° 1'07	21°55	14° 7	29°45	8°36	14° 6	5°28	22°49	4°29	16°55	23° 1	23°41	25°45	26°52	W24
T 25	0 35 42	7° 0'38	4♓ 7	15°44	1♎ 0	9°11	14°16	5°30	22°48	4°28	16°56	22°59	23°38	25°52	27° 0	T 25
F 26	0 39 39	8° 0'10	16°32	17°20	2°15	9°46	14°26	5°32	22°46	4°28	16°57	22°57	23°35	25°58	27° 8	F 26
S 27	0 43 35	8°59'45	29°10	18°55	3°30	10°21	14°36	5°35	22°44	4°27	16°58	22°55	23°31	26° 5	27°16	S 27
S 28	0 47 32	9°59'21	12♈ 3	20°30	4°45	10°56	14°46	5°37	22°43	4°27	16°59	22°54	23°28	26°12	27°24	S 28
M29	0 51 28	10°59'00	25°10	22° 4	6° 0	11°31	14°56	5°39	22°41	4°26	17° 0	22°D54	23°25	26°19	27°32	M29
T 30	0 55 25	11♎58'40	8♉31	23♎37	7♎16	12♌ 6	15♌ 6	5♑42	22♉39	4♒26	17♐ 1	22♈54	23♈22	26♑25	27♎41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n35	5n36	0s41	11n54	1n50	12n24	1n20	22n17	1n 1	18n31	0n39	23s15	0n13	18n26	0s15	19s19	0s10	17s17	5n39	9n 8	9n42	26s38	9s52	0s34
T 2	6 12	11 31	0n29	11 14	1 51	11 58	1 21	22 11	1 1	18 28	0 39	23 16	0 13	18 26	0 15	19 20	0 10	17 17	5 39	9 8	9 40	26 37	9 55	0 33
W 3	5 49	17 3	1 39	10 32	1 50	11 32	1 22	22 5	1 2	18 25	0 39	23 16	0 12	18 25	0 15	19 20	0 10	17 17	5 38	9 8	9 39	26 36	9 57	0 33
T 4	5 26	21 51	2 45	9 49	1 49	11 5	1 22	21 58	1 3	18 22	0 39	23 16	0 12	18 25	0 15	19 20	0 10	17 18	5 38	9 9	9 38	26 35	9 59	0 33
F 5	5 3	25 35	3 43	9 5	1 48	10 38	1 23	21 52	1 3	18 19	0 40	23 16	0 12	18 25	0 15	19 21	0 10	17 18	5 38	9 9	9 37	26 33	10 2	0 32
S 6	4 40	27 51	4 29	8 21	1 45	10 11	1 24	21 45	1 4	18 16	0 40	23 16	0 12	18 25	0 15	19 21	0 10	17 18	5 37	9 9	9 36	26 32	10 4	0 32
S 7	4 17	28 21	4 59	7 36	1 43	9 43	1 24	21 39	1 5	18 12	0 40	23 16	0 12	18 25	0 15	19 21	0 10	17 19	5 37	9 9	9 35	26 31	10 7	0 32
M 8	3 54	26 58	5 11	6 50	1 40	9 16	1 25	21 32	1 6	18 9	0 40	23 16	0 12	18 25	0 15	19 21	0 10	17 19	5 37	9 8	9 33	26 30	10 9	0 32
T 9	3 30	23 45	5 4	6 4	1 36	8 47	1 25	21 25	1 6	18 6	0 40	23 16	0 12	18 24	0 15	19 22	0 10	17 19	5 37	9 6	9 32	26 29	10 12	0 31
W10	3 7	19 0	4 37	5 18	1 32	8 19	1 26	21 18	1 7	18 3	0 40	23 16	0 12	18 24	0 15	19 22	0 10	17 20	5 36	9 5	9 31	26 27	10 14	0 31
T 11	2 43	13 8	3 51	4 31	1 28	7 50	1 26	21 11	1 8	18 0	0 40	23 16	0 12	18 24	0 15	19 22	0 10	17 20	5 36	9 3	9 30	26 26	10 17	0 31
F 12	2 20	6 37	2 51	3 44	1 23	7 22	1 26	21 3	1 8	17 57	0 41	23 16	0 12	18 24	0 15	19 22	0 10	17 20	5 36	9 2	9 29	26 25	10 19	0 30
S 13	1 56	0s 8	1 41	2 58	1 18	6 53	1 26	20 56	1 9	17 54	0 41	23 17	0 11	18 24	0 15	19 23	0 10	17 21	5 35	9 1	9 28	26 24	10 22	0 30
S 14	1 33	6 44	0 27	2 11	1 13	6 23	1 26	20 48	1 10	17 51	0 41	23 17	0 11	18 23	0 15	19 23	0 10	17 21	5 35	9 0	9 26	26 22	10 24	0 30
M15	1 9	12 51	0s47	1 24	1 7	5 54	1 26	20 41	1 11	17 48	0 41	23 17	0 11	18 23	0 15	19 23	0 10	17 21	5 35	9 0	9 25	26 21	10 27	0 30
T 16	0 46	18 13	1 57	0 37	1 1	5 24	1 26	20 33	1 11	17 45	0 41	23 17	0 11	18 23	0 15	19 23	0 10	17 22	5 35	9 1	9 24	26 20	10 29	0 29
W17	0 22	22 36	2 58	0s 9	0 56	4 55	1 26	20 25	1 12	17 42	0 41	23 17	0 11	18 22	0 15	19 23	0 10	17 22	5 34	9 1	9 23	26 19	10 32	0 29
T 18	0s 2	25 51	3 50	0 55	0 49	4 25	1 26	20 17	1 13	17 39	0 42	23 17	0 11	18 22	0 15	19 24	0 10	17 22	5 34	9 2	9 22	26 17	10 34	0 29
F 19	0 26	27 50	4 30	1 41	0 43	3 55	1 26	20 9	1 14	17 36	0 42	23 17	0 11	18 22	0 15	19 24	0 10	17 23	5 34	9 2	9 20	26 16	10 37	0 29
S 20	0 49	28 28	4 58	2 27	0 37	3 24	1 25	20 1	1 14	17 33	0 42	23 17	0 11	18 21	0 15	19 24	0 10	17 23	5 33	9 2	9 19	26 15	10 40	0 28
S 21	1 13	27 46	5 12	3 12	0 30	2 54	1 25	19 53	1 15	17 31	0 42	23 17	0 11	18 21	0 15	19 24	0 10	17 23	5 33	9 2	9 18	26 13	10 42	0 28
M22	1 37	25 48	5 14	3 57	0 24	2 24	1 25	19 44	1 16	17 28	0 42	23 17	0 11	18 21	0 15	19 24	0 10	17 24	5 33	9 2	9 17	26 12	10 45	0 28
T 23	2 0	22 42	5 1	4 42	0 17	1 53	1 24	19 36	1 17	17 25	0 42	23 17	0 10	18 20	0 15	19 24	0 10	17 24	5 33	9 1	9 16	26 11	10 47	0 27
W24	2 24	18 37	4 36	5 26	0 10	1 23	1 24	19 27	1 17	17 22	0 43	23 17	0 10	18 20	0 15	19 25	0 10	17 24	5 32	9 0	9 15	26 9	10 50	0 27
T 25	2 48	13 44	3 58	6 10	0 4	0 52	1 23	19 19	1 18	17 19	0 43	23 17	0 10	18 20	0 15	19 25	0 10	17 25	5 32	8 59	9 13	26 8	10 53	0 27
F 26	3 11	8 13	3 8	6 53	0s 3	0 22	1 22	19 10	1 19	17 16	0 43	23 17	0 10	18 19	0 15	19 25	0 10	17 25	5 32	8 58	9 12	26 7	10 55	0 27
S 27	3 35	2 17	2 7	7 36	0 10	0s 9	1 22	19 1	1 20	17 14	0 43	23 17	0 10	18 19	0 15	19 25	0 10	17 26	5 32	8 57	9 11	26 5	10 58	0 26
S 28	3 59	3n53	1 0	8 18	0 17	0 40	1 21	18 52	1 20	17 11	0 43	23 17	0 10	18 18	0 15	19 25	0 10	17 26	5 31	8 57	9 10	26 4	11 1	0 26
M29	4 22	9 59	0n13	9 0	0 24	1 11	1 20	18 43	1 21	17 8	0 43	23 17	0 10	18 18	0 15	19 25	0 10	17 26	5 31	8 57	9 9	26 3	11 3	0 26
T 30	4s46	15n46	1n25	9s41	0s31	1s41	1n19	18n34	1n22	17n 5	0n44	23s17	0n10	18n18	0s15	19s25	0s10	17s27	5n31	8n57	9n 7	26s 1	11s 6	0s26

Julian Day Number = 2093125.5, Delta T = 22m55s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'44, Lahiri = 10°10'44 Julian Calendar 1 Sept. 1018 == Greg. Calendar 7 Sept. 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

OCTOBER 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 59 21	12♎58'23	22♉ 5	25♎10	8♎31	12♌40	15♌15	5♑44	22°R38	4°R25	17♐ 3	22♈55	23♈19	26♑32	27♎49	W 1
T 2	1 3 18	13°58'08	5♊50	26°42	9°46	13°15	15°25	5°47	22♉36	4♒25	17° 4	22°56	23°16	26°39	27°57	T 2
F 3	1 7 15	14°57'56	19°44	28°14	11° 1	13°49	15°34	5°50	22°34	4°25	17° 5	22°56	23°12	26°45	28° 5	F 3
S 4	1 11 11	15°57'46	3♋47	29°45	12°17	14°24	15°44	5°53	22°32	4°25	17° 6	22°57	23° 9	26°52	28°13	S 4
S 5	1 15 8	16°57'38	17°56	1♏16	13°32	14°58	15°53	5°56	22°30	4°24	17° 7	22°R57	23° 6	26°59	28°21	S 5
M 6	1 19 4	17°57'32	2♌10	2°46	14°47	15°33	16° 2	5°59	22°28	4°24	17° 9	22°57	23° 3	27° 6	28°29	M 6
T 7	1 23 1	18°57'29	16°26	4°15	16° 2	16° 7	16°11	6° 2	22°26	4°24	17°10	22°57	23° 0	27°12	28°38	T 7
W 8	1 26 57	19°57'27	0♍40	5°44	17°18	16°41	16°20	6° 5	22°24	4°24	17°11	22°56	22°57	27°19	28°46	W 8
T 9	1 30 54	20°57'28	14°51	7°12	18°33	17°15	16°29	6° 8	22°22	4°24	17°13	22°56	22°53	27°26	28°54	T 9
F 10	1 34 50	21°57'31	28°53	8°40	19°48	17°49	16°37	6°12	22°20	4°24	17°14	22°56	22°50	27°32	29° 2	F 10
S 11	1 38 47	22°57'36	12♎43	10° 7	21° 4	18°23	16°46	6°15	22°18	4°D24	17°16	22°D56	22°47	27°39	29°11	S 11
S 12	1 42 44	23°57'43	26°19	11°33	22°19	18°56	16°54	6°19	22°16	4°24	17°17	22°R56	22°44	27°46	29°19	S 12
M13	1 46 40	24°57'52	9♏37	12°59	23°34	19°30	17° 3	6°22	22°14	4°24	17°19	22°56	22°41	27°53	29°27	M13
T 14	1 50 37	25°58'03	22°38	14°24	24°50	20° 3	17°11	6°26	22°12	4°24	17°20	22°55	22°37	27°59	29°35	T 14
W15	1 54 33	26°58'15	5♐21	15°49	26° 5	20°37	17°19	6°30	22°10	4°24	17°22	22°55	22°34	28° 6	29°44	W15
T 16	1 58 30	27°58'30	17°47	17°12	27°20	21°10	17°27	6°34	22° 7	4°24	17°23	22°54	22°31	28°13	29°52	T 16
F 17	2 2 26	28°58'46	29°59	18°35	28°36	21°43	17°34	6°38	22° 5	4°24	17°25	22°54	22°28	28°20	0♏ 0	F 17
S 18	2 6 23	29°59'03	12♑ 0	19°57	29°51	22°16	17°42	6°42	22° 3	4°24	17°26	22°53	22°25	28°26	0° 8	S 18
S 19	2 10 19	0♏59'22	23°55	21°18	1♏ 7	22°49	17°50	6°46	22° 1	4°25	17°28	22°53	22°22	28°33	0°17	S 19
M20	2 14 16	1°59'42	5♒47	22°38	2°22	23°22	17°57	6°50	21°58	4°25	17°30	22°D53	22°18	28°40	0°25	M20
T 21	2 18 13	3° 0'04	17°42	23°56	3°37	23°55	18° 4	6°54	21°56	4°25	17°31	22°53	22°15	28°46	0°33	T 21
W22	2 22 9	4° 0'27	29°45	25°13	4°53	24°27	18°11	6°59	21°54	4°26	17°33	22°54	22°12	28°53	0°41	W22
T 23	2 26 6	5° 0'52	11♓59	26°29	6° 8	25° 0	18°18	7° 3	21°51	4°26	17°35	22°55	22° 9	29° 0	0°50	T 23
F 24	2 30 2	6° 1'18	24°29	27°43	7°24	25°32	18°25	7° 8	21°49	4°26	17°36	22°56	22° 6	29° 7	0°58	F 24
S 25	2 33 59	7° 1'46	7♈17	28°55	8°39	26° 4	18°32	7°12	21°46	4°27	17°38	22°57	22° 3	29°13	1° 6	S 25
S 26	2 37 55	8° 2'15	20°25	0♐ 5	9°54	26°36	18°38	7°17	21°44	4°27	17°40	22°R58	21°59	29°20	1°14	S 26
M27	2 41 52	9° 2'46	3♉53	1°13	11°10	27° 8	18°44	7°22	21°42	4°28	17°42	22°57	21°56	29°27	1°22	M27
T 28	2 45 48	10° 3'18	17°39	2°18	12°25	27°40	18°51	7°27	21°39	4°28	17°44	22°56	21°53	29°33	1°31	T 28
W29	2 49 45	11° 3'52	1♊42	3°19	13°41	28°12	18°57	7°31	21°37	4°29	17°45	22°54	21°50	29°40	1°39	W29
T 30	2 53 42	12° 4'27	15°56	4°18	14°56	28°44	19° 3	7°36	21°34	4°30	17°47	22°52	21°47	29°47	1°47	T 30
F 31	2 57 38	13♏ 5'05	0♋17	5♐12	16♏11	29♌15	19♌ 8	7♑41	21♉32	4♒30	17♐49	22♈49	21♈43	29♑54	1♏55	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s 9	20n52	2n35	10s22	0s37	2s12	1n18	18n25	1n23	17n 3	0n44	23s17	0n10	18n17	0s15	19s25	0s10	17s27	5n31	8n57	9n 6	26s 0	11s 9	0s25
T 2	5 32	24 56	3 36	11 2	0 44	2 43	1 17	18 16	1 24	17 0	0 44	23 17	0 10	18 17	0 15	19 26	0 10	17 27	5 30	8 58	9 5	25 59	11 11	0 25
F 3	5 56	27 35	4 25	11 42	0 51	3 13	1 16	18 7	1 24	16 57	0 44	23 17	0 9	18 16	0 15	19 26	0 10	17 28	5 30	8 58	9 4	25 57	11 14	0 25
S 4	6 19	28 30	4 59	12 20	0 57	3 44	1 15	17 57	1 25	16 55	0 44	23 17	0 9	18 16	0 15	19 26	0 10	17 28	5 30	8 58	9 3	25 56	11 17	0 25
S 5	6 42	27 34	5 16	12 59	1 4	4 14	1 13	17 48	1 26	16 52	0 45	23 17	0 9	18 15	0 15	19 26	0 10	17 28	5 30	8 58	9 2	25 54	11 19	0 24
M 6	7 5	24 51	5 13	13 36	1 11	4 45	1 12	17 38	1 27	16 50	0 45	23 17	0 9	18 15	0 15	19 26	0 10	17 29	5 29	8 58	9 0	25 53	11 22	0 24
T 7	7 28	20 37	4 51	14 13	1 17	5 15	1 11	17 29	1 27	16 47	0 45	23 17	0 9	18 14	0 15	19 26	0 10	17 29	5 29	8 58	8 59	25 52	11 25	0 24
W 8	7 51	15 12	4 11	14 49	1 23	5 45	1 10	17 19	1 28	16 45	0 45	23 17	0 9	18 14	0 15	19 26	0 10	17 30	5 29	8 58	8 58	25 50	11 28	0 24
T 9	8 13	9 0	3 16	15 24	1 29	6 16	1 8	17 10	1 29	16 42	0 45	23 17	0 9	18 13	0 15	19 26	0 10	17 30	5 29	8 58	8 57	25 49	11 30	0 23
F 10	8 36	2 26	2 9	15 58	1 35	6 46	1 7	17 0	1 30	16 40	0 46	23 17	0 9	18 13	0 15	19 26	0 10	17 30	5 28	8 58	8 56	25 47	11 33	0 23
S 11	8 58	4s11	0 56	16 32	1 41	7 15	1 5	16 50	1 31	16 37	0 46	23 17	0 9	18 12	0 15	19 26	0 10	17 31	5 28	8 58	8 54	25 46	11 36	0 23
S 12	9 21	10 30	0s19	17 5	1 47	7 45	1 3	16 41	1 31	16 35	0 46	23 16	0 9	18 12	0 15	19 26	0 10	17 31	5 28	8 58	8 53	25 44	11 38	0 23
M13	9 43	16 13	1 31	17 36	1 53	8 15	1 2	16 31	1 32	16 33	0 46	23 16	0 9	18 11	0 15	19 26	0 10	17 31	5 28	8 58	8 52	25 43	11 41	0 22
T 14	10 5	21 4	2 37	18 7	1 58	8 44	1 0	16 21	1 33	16 30	0 46	23 16	0 8	18 11	0 15	19 26	0 10	17 32	5 27	8 58	8 51	25 41	11 44	0 22
W15	10 27	24 49	3 34	18 37	2 3	9 13	0 58	16 11	1 34	16 28	0 47	23 16	0 8	18 10	0 15	19 26	0 10	17 32	5 27	8 57	8 50	25 40	11 46	0 22
T 16	10 49	27 18	4 19	19 6	2 8	9 42	0 57	16 1	1 35	16 26	0 47	23 16	0 8	18 9	0 15	19 26	0 10	17 33	5 27	8 57	8 49	25 38	11 49	0 22
F 17	11 10	28 26	4 52	19 34	2 12	10 11	0 55	15 51	1 36	16 24	0 47	23 16	0 8	18 9	0 15	19 26	0 10	17 33	5 27	8 57	8 47	25 37	11 52	0 21
S 18	11 32	28 11	5 11	20 1	2 17	10 39	0 53	15 41	1 36	16 22	0 47	23 16	0 8	18 8	0 15	19 26	0 10	17 33	5 26	8 57	8 46	25 35	11 55	0 21
S 19	11 53	26 38	5 17	20 27	2 21	11 7	0 51	15 31	1 37	16 19	0 47	23 16	0 8	18 8	0 15	19 26	0 10	17 34	5 26	8 57	8 45	25 34	11 57	0 21
M20	12 14	23 54	5 9	20 51	2 24	11 35	0 49	15 21	1 38	16 17	0 48	23 16	0 8	18 7	0 15	19 26	0 10	17 34	5 26	8 57	8 44	25 32	12 0	0 21
T 21	12 35	20 10	4 47	21 15	2 28	12 3	0 47	15 11	1 39	16 15	0 48	23 15	0 8	18 6	0 15	19 26	0 10	17 34	5 26	8 57	8 43	25 31	12 3	0 20
W22	12 55	15 34	4 14	21 37	2 31	12 30	0 45	15 1	1 40	16 13	0 48	23 15	0 8	18 6	0 15	19 25	0 10	17 35	5 26	8 57	8 41	25 29	12 5	0 20
T 23	13 16	10 18	3 28	21 57	2 33	12 58	0 43	14 50	1 41	16 11	0 48	23 15	0 8	18 5	0 15	19 25	0 10	17 35	5 25	8 57	8 40	25 28	12 8	0 20
F 24	13 36	4 31	2 31	22 17	2 35	13 24	0 41	14 40	1 42	16 10	0 49	23 15	0 8	18 5	0 15	19 25	0 10	17 35	5 25	8 58	8 39	25 26	12 11	0 20
S 25	13 56	1n36	1 26	22 35	2 37	13 51	0 39	14 30	1 42	16 8	0 49	23 15	0 7	18 4	0 15	19 25	0 10	17 36	5 25	8 58	8 38	25 25	12 13	0 19
S 26	14 16	7 48	0 14	22 51	2 38	14 17	0 37	14 20	1 43	16 6	0 49	23 15	0 7	18 3	0 15	19 25	0 10	17 36	5 25	8 58	8 37	25 23	12 16	0 19
M27	14 35	13 49	1n 0	23 6	2 38	14 42	0 35	14 10	1 44	16 4	0 49	23 14	0 7	18 3	0 15	19 25	0 10	17 37	5 25	8 58	8 35	25 22	12 19	0 19
T 28	14 55	19 18	2 12	23 19	2 38	15 8	0 33	13 59	1 45	16 2	0 49	23 14	0 7	18 2	0 15	19 25	0 10	17 37	5 24	8 58	8 34	25 20	12 21	0 19
W29	15 14	23 50	3 18	23 30	2 37	15 33	0 30	13 49	1 46	16 1	0 50	23 14	0 7	18 1	0 15	19 25	0 10	17 37	5 24	8 57	8 33	25 19	12 24	0 18
T 30	15 32	27 0	4 12	23 40	2 36	15 57	0 28	13 39	1 47	15 59	0 50	23 14	0 7	18 1	0 15	19 25	0 10	17 38	5 24	8 56	8 32	25 17	12 26	0 18
F 31	15s51	28n25	4n51	23s48	2s33	16s21	0n26	13n29	1n48	15n58	0n50	23s14	0n 7	18n 0	0s15	19s24	0s10	17s38	5n24	8n55	8n31	25s15	12s29	0s18

Julian Day Number = 2093155.5, Delta T = 22m55s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'48, Lahiri = 10°10'48 Julian Calendar 1 Oct. 1018 == Greg. Calendar 7 Oct. 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

NOVEMBER 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 1 35	14♏ 5'44	14♋39	6♐ 2	17♏27	29♌47	19♌14	7♑46	21°R29	4♒31	17♐51	22°R46	21♈40	0♒ 0	2♏ 3	S 1
S 2	3 5 31	15° 6'24	28°59	6°47	18°42	0♍18	19°19	7°52	21♉27	4°32	17°53	22♈45	21°37	0° 7	2°11	S 2
M 3	3 9 28	16° 7'07	13♌13	7°27	19°58	0°49	19°24	7°57	21°24	4°32	17°55	22°D44	21°34	0°14	2°20	M 3
T 4	3 13 24	17° 7'51	27°18	8° 0	21°13	1°20	19°30	8° 2	21°22	4°33	17°57	22°44	21°31	0°21	2°28	T 4
W 5	3 17 21	18° 8'36	11♍14	8°26	22°29	1°51	19°34	8° 8	21°19	4°34	17°59	22°45	21°28	0°27	2°36	W 5
T 6	3 21 17	19° 9'24	24°59	8°44	23°44	2°21	19°39	8°13	21°17	4°35	18° 1	22°47	21°24	0°34	2°44	T 6
F 7	3 25 14	20°10'13	8♎34	8°R53	24°59	2°52	19°44	8°18	21°14	4°36	18° 3	22°48	21°21	0°41	2°52	F 7
S 8	3 29 11	21°11'03	21°57	8°53	26°15	3°22	19°48	8°24	21°12	4°37	18° 5	22°R49	21°18	0°47	3° 0	S 8
S 9	3 33 7	22°11'55	5♏ 7	8°43	27°30	3°52	19°52	8°30	21° 9	4°38	18° 7	22°48	21°15	0°54	3° 8	S 9
M10	3 37 4	23°12'48	18° 6	8°22	28°46	4°22	19°56	8°35	21° 6	4°39	18° 9	22°46	21°12	1° 1	3°16	M10
T 11	3 41 0	24°13'42	0♐52	7°50	0♐ 1	4°52	20° 0	8°41	21° 4	4°40	18°11	22°42	21° 9	1° 8	3°24	T 11
W12	3 44 57	25°14'38	13°25	7° 7	1°17	5°22	20° 4	8°47	21° 1	4°41	18°13	22°37	21° 5	1°14	3°31	W12
T 13	3 48 53	26°15'34	25°45	6°13	2°32	5°51	20° 8	8°53	20°59	4°42	18°15	22°31	21° 2	1°21	3°39	T 13
F 14	3 52 50	27°16'32	7♑54	5°10	3°47	6°20	20°11	8°58	20°56	4°43	18°17	22°24	20°59	1°28	3°47	F 14
S 15	3 56 46	28°17'30	19°54	3°58	5° 3	6°50	20°14	9° 4	20°54	4°44	18°19	22°18	20°56	1°35	3°55	S 15
S 16	4 0 43	29°18'29	1♒48	2°40	6°18	7°18	20°17	9°10	20°51	4°45	18°21	22°13	20°53	1°41	4° 3	S 16
M17	4 4 40	0♐19'29	13°39	1°18	7°34	7°47	20°20	9°16	20°49	4°46	18°23	22°10	20°49	1°48	4°10	M17
T 18	4 8 36	1°20'30	25°32	29♏55	8°49	8°16	20°22	9°22	20°46	4°48	18°25	22° 8	20°46	1°55	4°18	T 18
W19	4 12 33	2°21'31	7♓31	28°34	10° 5	8°44	20°25	9°29	20°44	4°49	18°27	22°D 8	20°43	2° 1	4°26	W19
T 20	4 16 29	3°22'33	19°42	27°17	11°20	9°12	20°27	9°35	20°41	4°50	18°29	22° 9	20°40	2° 8	4°33	T 20
F 21	4 20 26	4°23'35	2♈10	26° 7	12°35	9°40	20°29	9°41	20°39	4°52	18°31	22°11	20°37	2°15	4°41	F 21
S 22	4 24 22	5°24'38	14°58	25° 6	13°51	10° 8	20°31	9°47	20°37	4°53	18°34	22°12	20°34	2°22	4°48	S 22
S 23	4 28 19	6°25'41	28°11	24°14	15° 6	10°36	20°33	9°54	20°34	4°54	18°36	22°R12	20°30	2°28	4°56	S 23
M24	4 32 15	7°26'45	11♉51	23°34	16°22	11° 3	20°34	10° 0	20°32	4°56	18°38	22°10	20°27	2°35	5° 3	M24
T 25	4 36 12	8°27'50	25°55	23° 4	17°37	11°30	20°35	10° 6	20°29	4°57	18°40	22° 6	20°24	2°42	5°11	T 25
W26	4 40 9	9°28'55	10♊22	22°46	18°52	11°57	20°37	10°13	20°27	4°59	18°42	22° 0	20°21	2°48	5°18	W26
T 27	4 44 5	10°30'02	25° 4	22°D39	20° 8	12°24	20°37	10°19	20°25	5° 0	18°44	21°53	20°18	2°55	5°25	T 27
F 28	4 48 2	11°31'08	9♋55	22°41	21°23	12°50	20°38	10°26	20°22	5° 2	18°47	21°45	20°15	3° 2	5°33	F 28
S 29	4 51 58	12°32'16	24°45	22°53	22°38	13°17	20°39	10°32	20°20	5° 3	18°49	21°37	20°11	3° 9	5°40	S 29
S 30	4 55 55	13♐33'24	9♌27	23♏14	23♐54	13♍43	20♌39	10♑39	20♉18	5♒ 5	18♐51	21♈31	20♈ 8	3♒15	5♏47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s 9	27n55	5n11	23s53	2s30	16s45	0n24	13n18	1n49	15n56	0n50	23s13	0n 7	18n 0	0s15	19s24	0s10	17s38	5n24	8n54	8n29	25s14	12s32	0s18
S 2	16 27	25 34	5 13	23 57	2 25	17 8	0 21	13 8	1 49	15 55	0 51	23 13	0 7	17 59	0 15	19 24	0 10	17 39	5 23	8 54	8 28	25 12	12 34	0 17
M 3	16 45	21 38	4 55	23 58	2 20	17 31	0 19	12 58	1 50	15 53	0 51	23 13	0 7	17 58	0 15	19 24	0 10	17 39	5 23	8 53	8 27	25 10	12 37	0 17
T 4	17 2	16 31	4 19	23 57	2 13	17 54	0 17	12 48	1 51	15 52	0 51	23 13	0 7	17 58	0 15	19 24	0 10	17 39	5 23	8 53	8 26	25 9	12 39	0 17
W 5	17 20	10 36	3 29	23 54	2 6	18 16	0 14	12 37	1 52	15 50	0 51	23 13	0 7	17 57	0 15	19 24	0 10	17 40	5 23	8 54	8 25	25 7	12 42	0 17
T 6	17 36	4 15	2 27	23 47	1 56	18 37	0 12	12 27	1 53	15 49	0 52	23 12	0 6	17 56	0 15	19 23	0 10	17 40	5 23	8 54	8 23	25 6	12 45	0 16
F 7	17 53	2s14	1 17	23 38	1 46	18 58	0 10	12 17	1 54	15 48	0 52	23 12	0 6	17 56	0 15	19 23	0 10	17 40	5 22	8 55	8 22	25 4	12 47	0 16
S 8	18 9	8 31	0 5	23 26	1 33	19 18	0 7	12 7	1 55	15 47	0 52	23 12	0 6	17 55	0 15	19 23	0 10	17 41	5 22	8 55	8 21	25 2	12 50	0 16
S 9	18 25	14 21	1s 7	23 11	1 20	19 38	0 5	11 57	1 56	15 46	0 52	23 12	0 6	17 54	0 15	19 23	0 10	17 41	5 22	8 55	8 20	25 1	12 52	0 16
M10	18 41	19 27	2 14	22 53	1 5	19 57	0 2	11 46	1 57	15 45	0 53	23 11	0 6	17 54	0 15	19 22	0 10	17 42	5 22	8 54	8 19	24 59	12 55	0 15
T 11	18 56	23 35	3 13	22 31	0 48	20 16	0s 0	11 36	1 58	15 44	0 53	23 11	0 6	17 53	0 15	19 22	0 10	17 42	5 22	8 53	8 18	24 57	12 57	0 15
W12	19 11	26 31	4 1	22 7	0 30	20 34	0 2	11 26	1 59	15 43	0 53	23 11	0 6	17 52	0 15	19 22	0 10	17 42	5 22	8 51	8 16	24 56	13 0	0 15
T 13	19 25	28 7	4 38	21 38	0 11	20 52	0 5	11 16	2 0	15 42	0 53	23 10	0 6	17 52	0 15	19 22	0 10	17 43	5 21	8 48	8 15	24 54	13 2	0 15
F 14	19 39	28 20	5 1	21 8	0n 9	21 8	0 7	11 6	2 1	15 41	0 54	23 10	0 6	17 51	0 15	19 21	0 10	17 43	5 21	8 46	8 14	24 52	13 4	0 14
S 15	19 53	27 12	5 10	20 34	0 30	21 25	0 10	10 56	2 2	15 40	0 54	23 10	0 6	17 50	0 15	19 21	0 10	17 43	5 21	8 44	8 13	24 51	13 7	0 14
S 16	20 7	24 50	5 6	19 59	0 50	21 41	0 12	10 46	2 3	15 39	0 54	23 9	0 6	17 50	0 15	19 21	0 10	17 44	5 21	8 42	8 12	24 49	13 9	0 14
M17	20 20	21 25	4 49	19 24	1 10	21 56	0 14	10 36	2 4	15 39	0 54	23 9	0 6	17 49	0 15	19 21	0 10	17 44	5 21	8 40	8 10	24 47	13 12	0 14
T 18	20 32	17 9	4 19	18 48	1 29	22 10	0 17	10 27	2 5	15 38	0 55	23 9	0 5	17 48	0 15	19 20	0 10	17 44	5 21	8 40	8 9	24 45	13 14	0 14
W19	20 45	12 10	3 38	18 13	1 46	22 24	0 19	10 17	2 6	15 38	0 55	23 8	0 5	17 48	0 15	19 20	0 11	17 45	5 20	8 40	8 8	24 44	13 16	0 13
T 20	20 57	6 39	2 47	17 41	2 2	22 37	0 22	10 7	2 7	15 37	0 55	23 8	0 5	17 47	0 15	19 20	0 11	17 45	5 20	8 40	8 7	24 42	13 19	0 13
F 21	21 8	0 46	1 46	17 11	2 16	22 49	0 24	9 57	2 8	15 37	0 55	23 8	0 5	17 46	0 15	19 19	0 11	17 45	5 20	8 41	8 6	24 40	13 21	0 13
S 22	21 19	5n20	0 39	16 46	2 27	23 1	0 26	9 48	2 9	15 37	0 56	23 7	0 5	17 46	0 15	19 19	0 11	17 45	5 20	8 41	8 4	24 38	13 23	0 13
S 23	21 30	11 23	0n32	16 24	2 36	23 12	0 29	9 38	2 10	15 36	0 56	23 7	0 5	17 45	0 15	19 19	0 11	17 46	5 20	8 41	8 3	24 37	13 26	0 12
M24	21 40	17 7	1 44	16 8	2 43	23 23	0 31	9 29	2 11	15 36	0 56	23 6	0 5	17 45	0 15	19 18	0 11	17 46	5 20	8 41	8 2	24 35	13 28	0 12
T 25	21 50	22 7	2 52	15 56	2 48	23 32	0 33	9 19	2 12	15 36	0 57	23 6	0 5	17 44	0 15	19 18	0 11	17 46	5 20	8 39	8 1	24 33	13 30	0 12
W26	22 0	25 55	3 50	15 49	2 51	23 41	0 35	9 10	2 13	15 36	0 57	23 6	0 5	17 43	0 15	19 18	0 11	17 47	5 20	8 37	8 0	24 31	13 33	0 12
T 27	22 9	28 2	4 34	15 46	2 52	23 50	0 38	9 1	2 14	15 36	0 57	23 5	0 5	17 43	0 15	19 17	0 11	17 47	5 19	8 34	7 58	24 30	13 35	0 11
F 28	22 17	28 11	5 0	15 47	2 51	23 57	0 40	8 51	2 15	15 36	0 57	23 5	0 5	17 42	0 15	19 17	0 11	17 47	5 19	8 31	7 57	24 28	13 37	0 11
S 29	22 25	26 18	5 6	15 52	2 49	24 4	0 42	8 42	2 16	15 36	0 58	23 4	0 5	17 42	0 15	19 17	0 11	17 48	5 19	8 28	7 56	24 26	13 39	0 11
S 30	22s33	22n40	4n52	16s 0	2n46	24s10	0s44	8n33	2n17	15n36	0n58	23s 4	0n 5	17n41	0s15	19s16	0s11	17s48	5n19	8n26	7n55	24s24	13s41	0s11

Julian Day Number = 2093186.5, Delta T = 22m54s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'52, Lahiri = 10°10'53 Julian Calendar 1 Nov. 1018 == Greg. Calendar 7 Nov. 1018

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ASTRODIENST EPHEMERIS for the year 1018
geocentric

DECEMBER 1018 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 59 51	14♐34'33	23♌55	23♏42	25♐ 9	14♍ 8	20°R39	10♑46	20°R16	5♒ 6	18♐53	21°R26	20♈ 5	3♒22	5♏54	M 1
T 2	5 3 48	15°35'42	8♍ 5	24°17	26°24	14°34	20♌39	10°52	20♉13	5° 8	18°55	21♈24	20° 2	3°29	6° 1	T 2
W 3	5 7 45	16°36'52	21°56	24°58	27°40	14°59	20°39	10°59	20°11	5° 9	18°57	21°D24	19°59	3°35	6° 8	W 3
T 4	5 11 41	17°38'03	5♎29	25°45	28°55	15°24	20°38	11° 6	20° 9	5°11	19° 0	21°25	19°55	3°42	6°15	T 4
F 5	5 15 38	18°39'14	18°45	26°37	0♑10	15°49	20°38	11°12	20° 7	5°13	19° 2	21°R26	19°52	3°49	6°22	F 5
S 6	5 19 34	19°40'26	1♏46	27°34	1°26	16°13	20°37	11°19	20° 5	5°15	19° 4	21°25	19°49	3°56	6°29	S 6
S 7	5 23 31	20°41'39	14°35	28°34	2°41	16°38	20°36	11°26	20° 3	5°16	19° 6	21°23	19°46	4° 2	6°35	S 7
M 8	5 27 27	21°42'52	27°13	29°37	3°56	17° 2	20°35	11°33	20° 1	5°18	19° 8	21°17	19°43	4° 9	6°42	M 8
T 9	5 31 24	22°44'05	9♐41	0♐44	5°12	17°25	20°33	11°40	19°59	5°20	19°11	21° 9	19°40	4°16	6°49	T 9
W10	5 35 20	23°45'19	22° 0	1°53	6°27	17°48	20°31	11°47	19°57	5°22	19°13	20°58	19°36	4°23	6°55	W10
T 11	5 39 17	24°46'32	4♑11	3° 4	7°42	18°11	20°30	11°53	19°55	5°23	19°15	20°46	19°33	4°29	7° 2	T 11
F 12	5 43 14	25°47'46	16°14	4°17	8°58	18°34	20°28	12° 0	19°53	5°25	19°17	20°33	19°30	4°36	7° 8	F 12
S 13	5 47 10	26°49'00	28°10	5°33	10°13	18°56	20°25	12° 7	19°51	5°27	19°19	20°20	19°27	4°43	7°15	S 13
S 14	5 51 7	27°50'13	10♒ 2	6°50	11°28	19°19	20°23	12°14	19°49	5°29	19°21	20° 9	19°24	4°49	7°21	S 14
M15	5 55 3	28°51'26	21°52	8° 8	12°43	19°40	20°20	12°21	19°47	5°31	19°24	20° 0	19°21	4°56	7°27	M15
T 16	5 59 0	29°52'39	3♓43	9°28	13°59	20° 2	20°18	12°28	19°45	5°33	19°26	19°54	19°17	5° 3	7°33	T 16
W17	6 2 56	0♑53'51	15°39	10°49	15°14	20°23	20°15	12°35	19°44	5°35	19°28	19°51	19°14	5°10	7°39	W17
T 18	6 6 53	1°55'03	27°46	12°11	16°29	20°43	20°11	12°42	19°42	5°37	19°30	19°D49	19°11	5°16	7°45	T 18
F 19	6 10 49	2°56'14	10♈ 8	13°34	17°44	21° 4	20° 8	12°50	19°40	5°39	19°32	19°50	19° 8	5°23	7°51	F 19
S 20	6 14 46	3°57'25	22°50	14°58	19° 0	21°24	20° 5	12°57	19°39	5°41	19°34	19°R50	19° 5	5°30	7°57	S 20
S 21	6 18 43	4°58'35	5♉59	16°23	20°15	21°43	20° 1	13° 4	19°37	5°43	19°36	19°49	19° 1	5°36	8° 3	S 21
M22	6 22 39	5°59'45	19°36	17°48	21°30	22° 2	19°57	13°11	19°36	5°45	19°39	19°46	18°58	5°43	8° 9	M22
T 23	6 26 36	7° 0'54	3♊43	19°15	22°45	22°21	19°53	13°18	19°34	5°47	19°41	19°40	18°55	5°50	8°14	T 23
W24	6 30 32	8° 2'03	18°18	20°42	24° 0	22°39	19°49	13°25	19°33	5°49	19°43	19°31	18°52	5°57	8°20	W24
T 25	6 34 29	9° 3'11	3♋16	22° 9	25°15	22°57	19°44	13°32	19°31	5°51	19°45	19°21	18°49	6° 3	8°26	T 25
F 26	6 38 25	10° 4'18	18°28	23°38	26°31	23°15	19°40	13°39	19°30	5°53	19°47	19° 9	18°46	6°10	8°31	F 26
S 27	6 42 22	11° 5'25	3♌42	25° 7	27°46	23°32	19°35	13°46	19°29	5°55	19°49	18°58	18°42	6°17	8°36	S 27
S 28	6 46 19	12° 6'32	18°49	26°36	29° 1	23°49	19°30	13°53	19°27	5°57	19°51	18°48	18°39	6°23	8°41	S 28
M29	6 50 15	13° 7'38	3♍38	28° 7	0♒16	24° 5	19°25	14° 1	19°26	5°59	19°53	18°41	18°36	6°30	8°47	M29
T 30	6 54 12	14° 8'44	18° 3	29°37	1°31	24°21	19°20	14° 8	19°25	6° 1	19°55	18°37	18°33	6°37	8°52	T 30
W31	6 58 8	15♑ 9'49	2♎ 3	1♑ 9	2♒46	24♍36	19♌14	14♑15	19♉24	6♒ 4	19♐57	18♈35	18♈30	6♒44	8♏57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s40	17n41	4n19	16s11	2n42	24s15	0s46	8n24	2n19	15n36	0n58	23s 3	0n 4	17n40	0s15	19s16	0s11	17s48	5n19	8n24	7n53	24s22	13s43	0s10
T 2	22 47	11 50	3 31	16 24	2 37	24 20	0 49	8 15	2 20	15 36	0 58	23 3	0 4	17 40	0 15	19 16	0 11	17 48	5 19	8 23	7 52	24 21	13 46	0 10
W 3	22 53	5 32	2 31	16 39	2 32	24 23	0 51	8 6	2 21	15 37	0 59	23 2	0 4	17 39	0 15	19 15	0 11	17 49	5 19	8 23	7 51	24 19	13 48	0 10
T 4	22 59	0s54	1 24	16 57	2 26	24 27	0 53	7 58	2 22	15 37	0 59	23 2	0 4	17 39	0 15	19 15	0 11	17 49	5 19	8 24	7 50	24 17	13 50	0 10
F 5	23 5	7 10	0 14	17 15	2 19	24 29	0 55	7 49	2 23	15 38	0 59	23 1	0 4	17 38	0 15	19 14	0 11	17 49	5 19	8 24	7 49	24 15	13 52	0 9
S 6	23 10	13 1	0s55	17 35	2 12	24 30	0 57	7 41	2 24	15 38	0 59	23 1	0 4	17 37	0 14	19 14	0 11	17 50	5 18	8 24	7 47	24 13	13 54	0 9
S 7	23 14	18 13	2 0	17 55	2 4	24 31	0 59	7 32	2 25	15 39	1 0	23 0	0 4	17 37	0 14	19 13	0 11	17 50	5 18	8 23	7 46	24 11	13 56	0 9
M 8	23 18	22 32	2 59	18 17	1 57	24 31	1 1	7 24	2 27	15 39	1 0	23 0	0 4	17 36	0 14	19 13	0 11	17 50	5 18	8 21	7 45	24 10	13 58	0 9
T 9	23 22	25 46	3 47	18 38	1 49	24 30	1 2	7 16	2 28	15 40	1 0	22 59	0 4	17 36	0 14	19 13	0 11	17 50	5 18	8 18	7 44	24 8	14 0	0 8
W10	23 25	27 44	4 25	19 0	1 41	24 29	1 4	7 8	2 29	15 41	1 1	22 59	0 4	17 35	0 14	19 12	0 11	17 51	5 18	8 14	7 43	24 6	14 2	0 8
T 11	23 28	28 19	4 49	19 22	1 33	24 26	1 6	7 0	2 30	15 42	1 1	22 58	0 4	17 35	0 14	19 12	0 11	17 51	5 18	8 9	7 41	24 4	14 4	0 8
F 12	23 30	27 33	5 1	19 44	1 24	24 23	1 8	6 52	2 31	15 43	1 1	22 58	0 4	17 34	0 14	19 11	0 11	17 51	5 18	8 4	7 40	24 2	14 5	0 8
S 13	23 32	25 31	4 59	20 6	1 16	24 20	1 9	6 44	2 33	15 44	1 1	22 57	0 4	17 34	0 14	19 11	0 11	17 51	5 18	7 59	7 39	24 0	14 7	0 8
S 14	23 33	22 23	4 44	20 27	1 8	24 15	1 11	6 37	2 34	15 45	1 2	22 57	0 3	17 33	0 14	19 10	0 11	17 52	5 18	7 55	7 38	23 58	14 9	0 7
M15	23 34	18 21	4 17	20 48	1 0	24 10	1 13	6 29	2 35	15 46	1 2	22 56	0 3	17 33	0 14	19 10	0 11	17 52	5 18	7 52	7 37	23 56	14 11	0 7
T 16	23 34	13 36	3 39	21 8	0 51	24 4	1 14	6 22	2 36	15 47	1 2	22 55	0 3	17 32	0 14	19 9	0 11	17 52	5 18	7 49	7 35	23 54	14 13	0 7
W17	23 34	8 18	2 51	21 28	0 43	23 57	1 16	6 15	2 38	15 48	1 2	22 55	0 3	17 32	0 14	19 9	0 11	17 52	5 18	7 48	7 34	23 53	14 15	0 7
T 18	23 33	2 38	1 54	21 48	0 35	23 49	1 17	6 8	2 39	15 49	1 3	22 54	0 3	17 32	0 14	19 9	0 11	17 53	5 17	7 48	7 33	23 51	14 16	0 6
F 19	23 32	3n15	0 51	22 6	0 27	23 41	1 18	6 1	2 40	15 51	1 3	22 54	0 3	17 31	0 14	19 8	0 11	17 53	5 17	7 48	7 32	23 49	14 18	0 6
S 20	23 31	9 10	0n16	22 24	0 19	23 32	1 20	5 54	2 41	15 52	1 3	22 53	0 3	17 31	0 14	19 8	0 11	17 53	5 17	7 48	7 31	23 47	14 20	0 6
S 21	23 28	14 55	1 24	22 41	0 11	23 22	1 21	5 47	2 43	15 53	1 3	22 52	0 3	17 30	0 14	19 7	0 11	17 53	5 17	7 47	7 29	23 45	14 21	0 6
M22	23 26	20 8	2 30	22 57	0 4	23 12	1 22	5 41	2 44	15 55	1 4	22 52	0 3	17 30	0 14	19 7	0 11	17 53	5 17	7 46	7 28	23 43	14 23	0 5
T 23	23 23	24 26	3 30	23 12	0s 4	23 1	1 23	5 35	2 45	15 56	1 4	22 51	0 3	17 29	0 14	19 6	0 11	17 54	5 17	7 44	7 27	23 41	14 25	0 5
W24	23 19	27 19	4 17	23 26	0 11	22 49	1 25	5 29	2 47	15 58	1 4	22 51	0 3	17 29	0 14	19 6	0 11	17 54	5 17	7 41	7 26	23 39	14 26	0 5
T 25	23 15	28 20	4 49	23 38	0 18	22 36	1 26	5 23	2 48	16 0	1 4	22 50	0 3	17 29	0 14	19 5	0 11	17 54	5 17	7 37	7 24	23 37	14 28	0 5
F 26	23 11	27 14	5 0	23 50	0 25	22 23	1 27	5 17	2 49	16 1	1 5	22 49	0 3	17 28	0 14	19 5	0 11	17 54	5 17	7 32	7 23	23 35	14 29	0 4
S 27	23 6	24 8	4 50	24 1	0 32	22 9	1 28	5 11	2 51	16 3	1 5	22 49	0 3	17 28	0 14	19 4	0 11	17 54	5 17	7 28	7 22	23 33	14 31	0 4
S 28	23 1	19 23	4 20	24 11	0 39	21 55	1 28	5 6	2 52	16 5	1 5	22 48	0 2	17 28	0 14	19 4	0 11	17 55	5 17	7 24	7 21	23 31	14 32	0 4
M29	22 55	13 32	3 33	24 19	0 46	21 39	1 29	5 1	2 53	16 7	1 5	22 47	0 2	17 27	0 14	19 3	0 11	17 55	5 17	7 22	7 20	23 29	14 33	0 4
T 30	22 49	7 6	2 34	24 26	0 52	21 23	1 30	4 55	2 55	16 9	1 6	22 47	0 2	17 27	0 14	19 3	0 11	17 55	5 17	7 20	7 18	23 27	14 35	0 3
W31	22s42	0n30	1n26	24s32	0s58	21s 7	1s31	4n51	2n56	16n10	1n 6	22s46	0n 2	17n27	0s14	19s 2	0s11	17s55	5n17	7n19	7n17	23s25	14s36	0s 3

Julian Day Number = 2093216.5, Delta T = 22m54s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°03'56, Lahiri = 10°10'57 Julian Calendar 1 Dec. 1018 == Greg. Calendar 7 Dec. 1018

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

JANUARY 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 2 5	16♉10'54	15♎37	2♉41	4♒ 1	24♍51	19°R 9	14♉22	19°R23	6♒ 6	19♐59	18°R35	18♈27	6♒50	9♏ 2	T 1
F 2	7 6 1	17°11'58	28°49	4°13	5°16	25° 6	19♌ 3	14°29	19♉22	6° 8	20° 1	18♈34	18°23	6°57	9° 6	F 2
S 3	7 9 58	18°13'02	11♏41	5°46	6°31	25°19	18°57	14°36	19°21	6°10	20° 3	18°33	18°20	7° 4	9°11	S 3
S 4	7 13 54	19°14'06	24°17	7°20	7°46	25°33	18°51	14°43	19°20	6°12	20° 5	18°30	18°17	7°11	9°16	S 4
M 5	7 17 51	20°15'08	6♐40	8°55	9° 1	25°46	18°45	14°51	19°19	6°15	20° 7	18°23	18°14	7°17	9°20	M 5
T 6	7 21 48	21°16'11	18°54	10°30	10°16	25°58	18°39	14°58	19°18	6°17	20° 9	18°14	18°11	7°24	9°25	T 6
W 7	7 25 44	22°17'12	1♑ 1	12° 5	11°31	26°10	18°33	15° 5	19°17	6°19	20°11	18° 1	18° 7	7°31	9°29	W 7
T 8	7 29 41	23°18'13	13° 1	13°41	12°46	26°21	18°26	15°12	19°16	6°21	20°13	17°47	18° 4	7°37	9°33	T 8
F 9	7 33 37	24°19'12	24°58	15°18	14° 0	26°32	18°20	15°19	19°16	6°23	20°15	17°32	18° 1	7°44	9°38	F 9
S 10	7 37 34	25°20'11	6♒51	16°56	15°15	26°42	18°13	15°26	19°15	6°26	20°17	17°17	17°58	7°51	9°42	S 10
S 11	7 41 30	26°21'08	18°41	18°34	16°30	26°51	18° 6	15°33	19°15	6°28	20°18	17° 4	17°55	7°58	9°46	S 11
M12	7 45 27	27°22'04	0♓32	20°13	17°45	27° 0	17°59	15°40	19°14	6°30	20°20	16°53	17°52	8° 4	9°49	M12
T 13	7 49 23	28°22'59	12°24	21°53	19° 0	27° 8	17°52	15°47	19°14	6°32	20°22	16°45	17°48	8°11	9°53	T 13
W14	7 53 20	29°23'53	24°22	23°33	20°14	27°16	17°45	15°54	19°13	6°35	20°24	16°41	17°45	8°18	9°57	W14
T 15	7 57 17	0♒24'45	6♈28	25°14	21°29	27°23	17°38	16° 1	19°13	6°37	20°26	16°38	17°42	8°24	10° 0	T 15
F 16	8 1 13	1°25'35	18°47	26°56	22°44	27°29	17°30	16° 8	19°12	6°39	20°27	16°D38	17°39	8°31	10° 4	F 16
S 17	8 5 10	2°26'24	1♉25	28°39	23°59	27°35	17°23	16°15	19°12	6°42	20°29	16°R38	17°36	8°38	10° 7	S 17
S 18	8 9 6	3°27'12	14°26	0♒22	25°13	27°40	17°16	16°22	19°12	6°44	20°31	16°38	17°33	8°45	10°11	S 18
M19	8 13 3	4°27'58	27°54	2° 6	26°28	27°45	17° 8	16°29	19°12	6°46	20°33	16°36	17°29	8°51	10°14	M19
T 20	8 16 59	5°28'42	11♊52	3°51	27°42	27°48	17° 0	16°36	19°12	6°48	20°34	16°31	17°26	8°58	10°17	T 20
W21	8 20 56	6°29'25	26°19	5°37	28°57	27°51	16°53	16°43	19°D12	6°51	20°36	16°24	17°23	9° 5	10°20	W21
T 22	8 24 52	7°30'06	11♋13	7°23	0♓12	27°54	16°45	16°50	19°12	6°53	20°38	16°15	17°20	9°11	10°23	T 22
F 23	8 28 49	8°30'46	26°26	9°11	1°26	27°55	16°37	16°56	19°12	6°55	20°39	16° 4	17°17	9°18	10°25	F 23
S 24	8 32 46	9°31'24	11♌48	10°59	2°40	27°56	16°30	17° 3	19°12	6°57	20°41	15°54	17°13	9°25	10°28	S 24
S 25	8 36 42	10°32'00	27° 7	12°48	3°55	27°R56	16°22	17°10	19°12	7° 0	20°42	15°45	17°10	9°32	10°31	S 25
M26	8 40 39	11°32'35	12♍11	14°37	5° 9	27°56	16°14	17°17	19°12	7° 2	20°44	15°39	17° 7	9°38	10°33	M26
T 27	8 44 35	12°33'09	26°53	16°27	6°24	27°54	16° 6	17°23	19°12	7° 4	20°45	15°35	17° 4	9°45	10°35	T 27
W28	8 48 32	13°33'41	11♎ 7	18°18	7°38	27°52	15°58	17°30	19°13	7° 7	20°47	15°D34	17° 1	9°52	10°38	W28
T 29	8 52 28	14°34'12	24°53	20° 9	8°52	27°50	15°50	17°37	19°13	7° 9	20°48	15°34	16°58	9°58	10°40	T 29
F 30	8 56 25	15°34'42	8♏11	22° 1	10° 6	27°46	15°42	17°43	19°14	7°11	20°50	15°34	16°54	10° 5	10°42	F 30
S 31	9 0 21	16♒35'10	21♏ 6	23♒53	11♓21	27♍42	15♌34	17♉50	19♉14	7♒13	20♐51	15°R35	16♈51	10♒12	10♏44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s35	5s57	0n16	24s37	1s 4	20s50	1s31	4n46	2n57	16n12	1n 6	22s45	0n 2	17n27	0s14	19s 1	0s11	17s55	5n17	7n19	7n16	23s23	14s38	0s 3
F 2	22 27	11 57	0s54	24 40	1 10	20 32	1 32	4 41	2 59	16 14	1 6	22 45	0 2	17 26	0 14	19 1	0 11	17 55	5 17	7 19	7 15	23 21	14 39	0 2
S 3	22 19	17 18	1 59	24 42	1 15	20 14	1 32	4 37	3 0	16 16	1 6	22 44	0 2	17 26	0 14	19 0	0 11	17 56	5 17	7 19	7 14	23 19	14 40	0 2
S 4	22 11	21 47	2 56	24 42	1 21	19 55	1 33	4 33	3 1	16 19	1 7	22 43	0 2	17 26	0 14	19 0	0 11	17 56	5 17	7 17	7 12	23 17	14 41	0 2
M 5	22 2	25 13	3 44	24 41	1 26	19 36	1 33	4 29	3 3	16 21	1 7	22 42	0 2	17 26	0 14	18 59	0 11	17 56	5 17	7 15	7 11	23 15	14 43	0 2
T 6	21 53	27 27	4 21	24 39	1 30	19 16	1 33	4 26	3 4	16 23	1 7	22 42	0 2	17 25	0 14	18 59	0 11	17 56	5 17	7 11	7 10	23 13	14 44	0 1
W 7	21 43	28 20	4 46	24 35	1 35	18 55	1 33	4 22	3 6	16 25	1 7	22 41	0 2	17 25	0 14	18 58	0 11	17 56	5 17	7 6	7 9	23 11	14 45	0 1
T 8	21 33	27 52	4 58	24 30	1 39	18 34	1 34	4 19	3 7	16 27	1 8	22 40	0 2	17 25	0 14	18 58	0 11	17 56	5 17	7 1	7 7	23 9	14 46	0 1
F 9	21 22	26 7	4 57	24 23	1 43	18 12	1 34	4 16	3 9	16 29	1 8	22 39	0 2	17 25	0 14	18 57	0 11	17 57	5 17	6 55	7 6	23 7	14 47	0 1
S 10	21 11	23 12	4 42	24 15	1 46	17 50	1 34	4 13	3 10	16 32	1 8	22 39	0 1	17 25	0 14	18 57	0 11	17 57	5 17	6 49	7 5	23 5	14 48	0 0
S 11	21 0	19 21	4 16	24 5	1 50	17 28	1 34	4 11	3 11	16 34	1 8	22 38	0 1	17 25	0 14	18 56	0 11	17 57	5 17	6 44	7 4	23 2	14 49	0 0
M12	20 48	14 44	3 38	23 54	1 53	17 5	1 33	4 9	3 13	16 36	1 8	22 37	0 1	17 24	0 14	18 55	0 11	17 57	5 17	6 40	7 3	23 0	14 50	0n 0
T 13	20 36	9 34	2 50	23 41	1 55	16 41	1 33	4 7	3 14	16 39	1 8	22 36	0 1	17 24	0 14	18 55	0 11	17 57	5 17	6 37	7 1	22 58	14 51	0 0
W14	20 23	4 1	1 55	23 26	1 58	16 17	1 33	4 5	3 16	16 41	1 9	22 36	0 1	17 24	0 14	18 54	0 11	17 57	5 17	6 35	7 0	22 56	14 52	0 1
T 15	20 10	1n46	0 54	23 10	2 0	15 53	1 33	4 3	3 17	16 43	1 9	22 35	0 1	17 24	0 14	18 54	0 11	17 57	5 17	6 35	6 59	22 54	14 53	0 1
F 16	19 57	7 35	0n11	22 52	2 1	15 28	1 32	4 2	3 18	16 46	1 9	22 34	0 1	17 24	0 14	18 53	0 11	17 57	5 17	6 34	6 58	22 52	14 54	0 1
S 17	19 43	13 14	1 18	22 32	2 2	15 2	1 32	4 1	3 20	16 48	1 9	22 33	0 1	17 24	0 14	18 53	0 11	17 58	5 17	6 34	6 57	22 50	14 55	0 1
S 18	19 29	18 30	2 22	22 11	2 3	14 37	1 31	4 0	3 21	16 51	1 9	22 33	0 1	17 24	0 14	18 52	0 11	17 58	5 17	6 34	6 55	22 48	14 55	0 2
M19	19 15	23 3	3 20	21 48	2 4	14 11	1 30	4 0	3 23	16 53	1 10	22 32	0 1	17 24	0 14	18 52	0 11	17 58	5 17	6 33	6 54	22 46	14 56	0 2
T 20	19 0	26 27	4 9	21 24	2 4	13 44	1 30	4 0	3 24	16 56	1 10	22 31	0 1	17 24	0 14	18 51	0 11	17 58	5 17	6 32	6 53	22 44	14 57	0 2
W21	18 45	28 15	4 44	20 57	2 3	13 17	1 29	4 0	3 26	16 58	1 10	22 30	0 1	17 24	0 14	18 50	0 11	17 58	5 17	6 29	6 52	22 41	14 57	0 3
T 22	18 30	28 5	5 1	20 29	2 2	12 50	1 28	4 0	3 27	17 1	1 10	22 30	0 1	17 24	0 14	18 50	0 11	17 58	5 17	6 25	6 50	22 39	14 58	0 3
F 23	18 14	25 50	4 57	20 0	2 1	12 23	1 27	4 1	3 28	17 3	1 10	22 29	0 1	17 24	0 14	18 49	0 11	17 58	5 17	6 21	6 49	22 37	14 59	0 3
S 24	17 58	21 42	4 32	19 28	1 59	11 55	1 26	4 2	3 30	17 6	1 10	22 28	0 0	17 24	0 14	18 49	0 11	17 58	5 17	6 17	6 48	22 35	14 59	0 3
S 25	17 42	16 6	3 48	18 55	1 56	11 27	1 25	4 3	3 31	17 8	1 10	22 27	0 0	17 24	0 14	18 48	0 11	17 58	5 17	6 14	6 47	22 33	15 0	0 4
M26	17 25	9 36	2 48	18 20	1 53	10 58	1 24	4 4	3 32	17 11	1 10	22 26	0 0	17 24	0 14	18 48	0 11	17 58	5 17	6 11	6 46	22 31	15 0	0 4
T 27	17 8	2 44	1 38	17 44	1 50	10 30	1 23	4 6	3 34	17 13	1 11	22 26	0 0	17 24	0 13	18 47	0 11	17 58	5 17	6 10	6 44	22 28	15 1	0 4
W28	16 51	4s 4	0 24	17 6	1 46	10 1	1 22	4 8	3 35	17 16	1 11	22 25	0 0	17 24	0 13	18 46	0 11	17 58	5 17	6 9	6 43	22 26	15 1	0 4
T 29	16 33	10 27	0s50	16 26	1 41	9 32	1 20	4 10	3 36	17 18	1 11	22 24	0 0	17 25	0 13	18 46	0 11	17 59	5 17	6 9	6 42	22 24	15 2	0 5
F 30	16 15	16 10	1 58	15 45	1 35	9 2	1 19	4 13	3 37	17 21	1 11	22 23	0 0	17 25	0 13	18 45	0 11	17 59	5 17	6 10	6 41	22 22	15 2	0 5
S 31	15s57	20s59	2s58	15s 2	1s29	8s32	1s17	4n16	3n39	17n23	1n11	22s22	0s 0	17n25	0s13	18s45	0s11	17s59	5n17	6n10	6n39	22s20	15s 2	0n 5

Julian Day Number = 2093247.5, Delta T = 22m53s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'01, Lahiri = 10°11'01 Julian Calendar 1 Jan. 1019 == Greg. Calendar 7 Jan. 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

FEBRUARY 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 4 18	17♒35'37	3♐40	25♒45	12♓35	27°R37	15°R27	17♑56	19♉15	7♒16	20♐53	15°R33	16♈48	10♒19	10♏45	S 1
M 2	9 8 15	18°36'03	15°58	27°37	13°49	27♍31	15♌19	18° 3	19°15	7°18	20°54	15♈29	16°45	10°25	10°47	M 2
T 3	9 12 11	19°36'27	28° 5	29°29	15° 3	27°24	15°11	18° 9	19°16	7°20	20°55	15°23	16°42	10°32	10°49	T 3
W 4	9 16 8	20°36'49	10♑ 5	1♓21	16°17	27°16	15° 3	18°16	19°16	7°22	20°57	15°15	16°39	10°39	10°50	W 4
T 5	9 20 4	21°37'10	21°59	3°12	17°31	27° 8	14°55	18°22	19°17	7°25	20°58	15° 5	16°35	10°45	10°51	T 5
F 6	9 24 1	22°37'30	3♒50	5° 2	18°45	26°59	14°47	18°29	19°18	7°27	20°59	14°54	16°32	10°52	10°53	F 6
S 7	9 27 57	23°37'47	15°41	6°50	19°59	26°49	14°39	18°35	19°19	7°29	21° 1	14°43	16°29	10°59	10°54	S 7
S 8	9 31 54	24°38'03	27°33	8°36	21°13	26°38	14°32	18°41	19°20	7°31	21° 2	14°34	16°26	11° 5	10°55	S 8
M 9	9 35 50	25°38'17	9♓28	10°21	22°27	26°27	14°24	18°47	19°21	7°33	21° 3	14°27	16°23	11°12	10°56	M 9
T 10	9 39 47	26°38'29	21°26	12° 2	23°41	26°15	14°16	18°54	19°22	7°36	21° 4	14°21	16°19	11°19	10°56	T 10
W11	9 43 44	27°38'39	3♈31	13°40	24°54	26° 2	14° 9	19° 0	19°23	7°38	21° 5	14°19	16°16	11°26	10°57	W11
T 12	9 47 40	28°38'47	15°44	15°15	26° 8	25°48	14° 1	19° 6	19°24	7°40	21° 6	14°D18	16°13	11°32	10°58	T 12
F 13	9 51 37	29°38'53	28°10	16°45	27°22	25°34	13°54	19°12	19°25	7°42	21° 7	14°19	16°10	11°39	10°58	F 13
S 14	9 55 33	0♓38'57	10♉50	18°10	28°35	25°19	13°47	19°18	19°26	7°44	21° 8	14°20	16° 7	11°46	10°59	S 14
S 15	9 59 30	1°38'58	23°50	19°29	29°49	25° 3	13°39	19°24	19°27	7°46	21° 9	14°21	16° 4	11°52	10°59	S 15
M16	10 3 26	2°38'58	7♊12	20°43	1♈ 3	24°47	13°32	19°29	19°29	7°48	21°10	14°R22	16° 0	11°59	10°59	M16
T 17	10 7 23	3°38'55	20°59	21°50	2°16	24°29	13°25	19°35	19°30	7°51	21°11	14°20	15°57	12° 6	10°R59	T 17
W18	10 11 19	4°38'50	5♋12	22°50	3°29	24°12	13°18	19°41	19°31	7°53	21°12	14°17	15°54	12°13	10°59	W18
T 19	10 15 16	5°38'43	19°49	23°42	4°43	23°53	13°11	19°47	19°33	7°55	21°13	14°12	15°51	12°19	10°59	T 19
F 20	10 19 13	6°38'33	4♌46	24°27	5°56	23°34	13° 5	19°52	19°34	7°57	21°14	14° 7	15°48	12°26	10°58	F 20
S 21	10 23 9	7°38'22	19°55	25° 3	7° 9	23°15	12°58	19°58	19°36	7°59	21°15	14° 1	15°44	12°33	10°58	S 21
S 22	10 27 6	8°38'08	5♍ 6	25°31	8°22	22°55	12°51	20° 3	19°38	8° 1	21°16	13°57	15°41	12°39	10°57	S 22
M23	10 31 2	9°37'51	20° 9	25°51	9°36	22°35	12°45	20° 9	19°39	8° 3	21°16	13°53	15°38	12°46	10°57	M23
T 24	10 34 59	10°37'33	4♎55	26° 2	10°49	22°14	12°39	20°14	19°41	8° 5	21°17	13°51	15°35	12°53	10°56	T 24
W25	10 38 55	11°37'13	19°18	26°R 4	12° 2	21°52	12°33	20°20	19°43	8° 7	21°18	13°D51	15°32	13° 0	10°55	W25
T 26	10 42 52	12°36'52	3♏14	25°58	13°15	21°31	12°27	20°25	19°44	8° 9	21°19	13°52	15°29	13° 6	10°54	T 26
F 27	10 46 48	13°36'28	16°42	25°45	14°27	21° 9	12°21	20°30	19°46	8°11	21°19	13°54	15°25	13°13	10°53	F 27
S 28	10 50 45	14♓36'03	29♏44	25♓23	15♈40	20♍46	12♌15	20♑35	19♉48	8♒13	21♐20	13♈55	15♈22	13♒20	10♏52	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s39	24s43	3s48	14s18	1s23	8s 2	1s16	4n19	3n40	17n25	1n11	22s22	0s 0	17n25	0s13	18s44	0s11	17s59	5n17	6n 9	6n38	22s17	15s 3	0n 6
M 2	15 20	27 14	4 26	13 33	1 16	7 32	1 14	4 22	3 41	17 28	1 11	22 21	0 0	17 25	0 13	18 44	0 11	17 59	5 17	6 8	6 37	22 15	15 3	0 6
T 3	15 1	28 25	4 51	12 46	1 8	7 2	1 13	4 26	3 42	17 30	1 11	22 20	0 0	17 25	0 13	18 43	0 11	17 59	5 17	6 5	6 36	22 13	15 3	0 6
W 4	14 42	28 14	5 4	11 58	0 59	6 32	1 11	4 30	3 43	17 33	1 11	22 19	0 0	17 26	0 13	18 42	0 11	17 59	5 17	6 2	6 35	22 11	15 3	0 6
T 5	14 22	26 44	5 3	11 10	0 50	6 1	1 9	4 34	3 44	17 35	1 11	22 18	0 0	17 26	0 13	18 42	0 11	17 59	5 17	5 58	6 33	22 9	15 3	0 7
F 6	14 3	24 4	4 49	10 20	0 40	5 30	1 7	4 39	3 45	17 37	1 11	22 18	0 0	17 26	0 13	18 41	0 11	17 59	5 17	5 54	6 32	22 6	15 3	0 7
S 7	13 43	20 23	4 22	9 30	0 29	4 59	1 5	4 43	3 46	17 40	1 12	22 17	0 1	17 26	0 13	18 41	0 11	17 59	5 18	5 50	6 31	22 4	15 4	0 7
S 8	13 23	15 53	3 44	8 40	0 18	4 28	1 3	4 49	3 47	17 42	1 12	22 16	0 1	17 27	0 13	18 40	0 11	17 59	5 18	5 46	6 30	22 2	15 4	0 8
M 9	13 3	10 47	2 56	7 50	0 6	3 57	1 1	4 54	3 48	17 44	1 12	22 15	0 1	17 27	0 13	18 40	0 11	17 59	5 18	5 43	6 28	22 0	15 4	0 8
T 10	12 42	5 15	2 0	7 0	0n 6	3 26	0 59	5 0	3 49	17 47	1 12	22 15	0 1	17 27	0 13	18 39	0 11	17 59	5 18	5 41	6 27	21 57	15 4	0 8
W11	12 21	0n31	0 58	6 10	0 19	2 54	0 57	5 5	3 49	17 49	1 12	22 14	0 1	17 27	0 13	18 39	0 11	17 59	5 18	5 40	6 26	21 55	15 4	0 9
T 12	12 0	6 21	0n 8	5 21	0 32	2 23	0 55	5 11	3 50	17 51	1 12	22 13	0 1	17 28	0 13	18 38	0 11	17 59	5 18	5 40	6 25	21 53	15 3	0 9
F 13	11 39	12 2	1 14	4 34	0 46	1 51	0 52	5 18	3 51	17 53	1 12	22 12	0 1	17 28	0 13	18 38	0 11	17 59	5 18	5 40	6 23	21 51	15 3	0 9
S 14	11 18	17 21	2 19	3 47	1 0	1 20	0 50	5 24	3 51	17 56	1 12	22 11	0 1	17 28	0 13	18 37	0 11	17 59	5 18	5 41	6 22	21 48	15 3	0 9
S 15	10 57	22 1	3 18	3 3	1 14	0 48	0 48	5 31	3 52	17 58	1 12	22 11	0 1	17 29	0 13	18 36	0 11	17 59	5 18	5 41	6 21	21 46	15 3	0 10
M16	10 35	25 42	4 8	2 21	1 28	0 17	0 45	5 38	3 52	18 0	1 12	22 10	0 1	17 29	0 13	18 36	0 11	17 59	5 18	5 41	6 20	21 44	15 3	0 10
T 17	10 13	28 0	4 45	1 42	1 42	0n15	0 43	5 45	3 52	18 2	1 12	22 9	0 1	17 30	0 13	18 35	0 11	17 59	5 18	5 41	6 19	21 41	15 2	0 10
W18	9 51	28 34	5 6	1 5	1 56	0 47	0 40	5 52	3 53	18 4	1 12	22 8	0 1	17 30	0 13	18 35	0 11	17 59	5 18	5 40	6 17	21 39	15 2	0 11
T 19	9 29	27 11	5 9	0 32	2 9	1 18	0 38	6 0	3 53	18 6	1 12	22 8	0 1	17 30	0 13	18 34	0 11	17 59	5 18	5 38	6 16	21 37	15 2	0 11
F 20	9 7	23 52	4 50	0 2	2 22	1 50	0 35	6 8	3 53	18 8	1 12	22 7	0 2	17 31	0 13	18 34	0 11	17 59	5 18	5 36	6 15	21 34	15 1	0 11
S 21	8 45	18 54	4 12	0n23	2 35	2 22	0 32	6 15	3 53	18 10	1 12	22 6	0 2	17 31	0 13	18 33	0 11	17 59	5 18	5 34	6 14	21 32	15 1	0 12
S 22	8 23	12 43	3 15	0 45	2 47	2 53	0 30	6 23	3 53	18 11	1 12	22 5	0 2	17 32	0 13	18 33	0 11	17 59	5 18	5 32	6 12	21 30	15 0	0 12
M23	8 0	5 51	2 6	1 3	2 58	3 25	0 27	6 31	3 53	18 13	1 12	22 5	0 2	17 32	0 13	18 32	0 11	17 59	5 18	5 30	6 11	21 27	15 0	0 12
T 24	7 37	1s13	0 49	1 17	3 7	3 56	0 24	6 39	3 52	18 15	1 12	22 4	0 2	17 33	0 13	18 32	0 11	17 59	5 19	5 30	6 10	21 25	14 59	0 12
W25	7 15	8 3	0s30	1 25	3 16	4 27	0 21	6 47	3 52	18 17	1 12	22 3	0 2	17 33	0 13	18 31	0 11	17 59	5 19	5 30	6 9	21 23	14 59	0 13
T 26	6 52	14 17	1 44	1 30	3 23	4 58	0 18	6 56	3 52	18 18	1 12	22 2	0 2	17 34	0 13	18 31	0 11	17 59	5 19	5 30	6 8	21 20	14 58	0 13
F 27	6 29	19 38	2 50	1 30	3 29	5 30	0 15	7 4	3 51	18 20	1 12	22 2	0 2	17 34	0 13	18 30	0 12	17 59	5 19	5 31	6 6	21 18	14 58	0 13
S 28	6s 6	23s52	3s45	1n25	3n33	6n 0	0s13	7n12	3n51	18n22	1n12	22s 1	0s 2	17n35	0s13	18s30	0s12	17s59	5n19	5n31	6n 5	21s16	14s57	0n14

Julian Day Number = 2093278.5, Delta T = 22m53s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'05, Lahiri = 10°11'05 Julian Calendar 1 Feb. 1019 == Greg. Calendar 7 Feb. 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

MARCH 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 54 42	15♓35'36	12♐24	24°R55	16♈53	20°R23	12°R 9	20♑40	19♉50	8♒15	21♐20	13°R56	15♈19	13♒26	10°R51	S 1
M 2	10 58 38	16°35'07	24°45	24♓21	18° 6	20♍ 1	12♌ 4	20°45	19°52	8°17	21°21	13♈56	15°16	13°33	10♏49	M 2
T 3	11 2 35	17°34'36	6♑52	23°41	19°18	19°37	11°58	20°50	19°54	8°18	21°21	13°54	15°13	13°40	10°48	T 3
W 4	11 6 31	18°34'04	18°49	22°56	20°31	19°14	11°53	20°55	19°56	8°20	21°22	13°52	15°10	13°46	10°46	W 4
T 5	11 10 28	19°33'29	0♒42	22° 8	21°43	18°51	11°48	21° 0	19°58	8°22	21°22	13°48	15° 6	13°53	10°45	T 5
F 6	11 14 24	20°32'53	12°32	21°18	22°56	18°28	11°43	21° 5	20° 0	8°24	21°23	13°44	15° 3	14° 0	10°43	F 6
S 7	11 18 21	21°32'15	24°23	20°26	24° 8	18° 4	11°39	21°10	20° 2	8°26	21°23	13°40	15° 0	14° 7	10°41	S 7
S 8	11 22 17	22°31'35	6♓18	19°34	25°21	17°41	11°34	21°14	20° 4	8°28	21°24	13°37	14°57	14°13	10°39	S 8
M 9	11 26 14	23°30'52	18°19	18°43	26°33	17°18	11°30	21°19	20° 7	8°29	21°24	13°34	14°54	14°20	10°37	M 9
T 10	11 30 11	24°30'08	0♈28	17°53	27°45	16°54	11°26	21°23	20° 9	8°31	21°24	13°32	14°50	14°27	10°35	T 10
W11	11 34 7	25°29'21	12°45	17° 6	28°57	16°31	11°22	21°28	20°11	8°33	21°24	13°D32	14°47	14°33	10°32	W11
T 12	11 38 4	26°28'33	25°14	16°23	0♉ 9	16° 9	11°18	21°32	20°14	8°34	21°25	13°32	14°44	14°40	10°30	T 12
F 13	11 42 0	27°27'42	7♉54	15°43	1°21	15°46	11°14	21°36	20°16	8°36	21°25	13°33	14°41	14°47	10°28	F 13
S 14	11 45 57	28°26'49	20°48	15° 8	2°33	15°24	11°11	21°40	20°19	8°38	21°25	13°34	14°38	14°54	10°25	S 14
S 15	11 49 53	29°25'53	3♊57	14°38	3°45	15° 2	11° 7	21°44	20°21	8°39	21°25	13°36	14°35	15° 0	10°23	S 15
M16	11 53 50	0♈24'56	17°24	14°13	4°57	14°41	11° 4	21°48	20°23	8°41	21°25	13°37	14°31	15° 7	10°20	M16
T 17	11 57 46	1°23'56	1♋ 8	13°53	6° 8	14°20	11° 1	21°52	20°26	8°42	21°25	13°R37	14°28	15°14	10°17	T 17
W18	12 1 43	2°22'53	15°11	13°39	7°20	14° 0	10°58	21°56	20°29	8°44	21°25	13°37	14°25	15°20	10°14	W18
T 19	12 5 39	3°21'48	29°31	13°31	8°31	13°40	10°56	22° 0	20°31	8°46	21°R25	13°36	14°22	15°27	10°11	T 19
F 20	12 9 36	4°20'41	14♌ 6	13°D28	9°43	13°20	10°53	22° 3	20°34	8°47	21°25	13°35	14°19	15°34	10° 8	F 20
S 21	12 13 33	5°19'32	28°50	13°30	10°54	13° 1	10°51	22° 7	20°37	8°48	21°25	13°34	14°16	15°40	10° 5	S 21
S 22	12 17 29	6°18'20	13♍38	13°38	12° 5	12°43	10°49	22°11	20°39	8°50	21°25	13°33	14°12	15°47	10° 2	S 22
M23	12 21 26	7°17'06	28°23	13°50	13°16	12°25	10°47	22°14	20°42	8°51	21°25	13°32	14° 9	15°54	9°59	M23
T 24	12 25 22	8°15'50	12♎56	14° 8	14°27	12° 8	10°45	22°17	20°45	8°53	21°25	13°D32	14° 6	16° 1	9°55	T 24
W25	12 29 19	9°14'32	27°12	14°30	15°38	11°52	10°44	22°21	20°48	8°54	21°25	13°32	14° 3	16° 7	9°52	W25
T 26	12 33 15	10°13'12	11♏ 8	14°57	16°49	11°36	10°42	22°24	20°50	8°55	21°25	13°33	14° 0	16°14	9°49	T 26
F 27	12 37 12	11°11'50	24°39	15°28	18° 0	11°21	10°41	22°27	20°53	8°57	21°24	13°33	13°56	16°21	9°45	F 27
S 28	12 41 8	12°10'26	7♐46	16° 3	19°10	11° 7	10°40	22°30	20°56	8°58	21°24	13°33	13°53	16°27	9°41	S 28
S 29	12 45 5	13° 9'01	20°32	16°42	20°21	10°53	10°40	22°33	20°59	8°59	21°24	13°R33	13°50	16°34	9°38	S 29
M30	12 49 2	14° 7'34	2♑57	17°25	21°31	10°41	10°39	22°36	21° 2	9° 0	21°24	13°33	13°47	16°41	9°34	M30
T 31	12 52 58	15♈ 6'06	15♑ 7	18♓12	22♉42	10♍29	10♌39	22♑38	21♉ 5	9♒ 2	21♐23	13°D33	13♈44	16♒47	9♏30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s43	26s49	4s27	1n16	3n36	6n31	0s10	7n21	3n50	18n23	1n12	22s 0	0s 2	17n35	0s13	18s29	0s12	17s59	5n19	5n32	6n 4	21s13	14s56	0n14
M 2	5 19	28 24	4 56	1 3	3 36	7 2	0 7	7 29	3 49	18 25	1 12	22 0	0 2	17 36	0 13	18 29	0 12	17 59	5 19	5 31	6 3	21 11	14 56	0 14
T 3	4 56	28 34	5 11	0 46	3 35	7 33	0 3	7 37	3 48	18 26	1 11	21 59	0 2	17 36	0 13	18 28	0 12	17 59	5 19	5 31	6 1	21 9	14 55	0 15
W 4	4 33	27 23	5 12	0 26	3 32	8 3	0 0	7 46	3 47	18 28	1 11	21 58	0 3	17 37	0 13	18 28	0 12	17 59	5 19	5 30	6 0	21 6	14 54	0 15
T 5	4 9	24 59	5 0	0 2	3 27	8 33	0n 3	7 54	3 46	18 29	1 11	21 58	0 3	17 37	0 13	18 27	0 12	17 59	5 19	5 28	5 59	21 4	14 53	0 15
F 6	3 46	21 32	4 35	0s24	3 21	9 3	0 6	8 2	3 45	18 30	1 11	21 57	0 3	17 38	0 13	18 27	0 12	17 59	5 19	5 27	5 58	21 1	14 52	0 15
S 7	3 22	17 12	3 58	0 52	3 12	9 33	0 9	8 10	3 44	18 32	1 11	21 56	0 3	17 39	0 13	18 26	0 12	17 59	5 19	5 25	5 56	20 59	14 52	0 16
S 8	2 59	12 12	3 11	1 21	3 2	10 3	0 12	8 18	3 42	18 33	1 11	21 56	0 3	17 39	0 13	18 26	0 12	17 59	5 19	5 24	5 55	20 57	14 51	0 16
M 9	2 35	6 42	2 15	1 52	2 51	10 32	0 15	8 26	3 41	18 34	1 11	21 55	0 3	17 40	0 13	18 26	0 12	17 59	5 19	5 23	5 54	20 54	14 50	0 16
T 10	2 12	0 54	1 11	2 23	2 39	11 1	0 19	8 33	3 39	18 35	1 11	21 54	0 3	17 40	0 13	18 25	0 12	17 58	5 20	5 22	5 53	20 52	14 49	0 17
W11	1 48	5n 0	0 4	2 54	2 25	11 30	0 22	8 41	3 38	18 36	1 11	21 54	0 3	17 41	0 13	18 25	0 12	17 58	5 20	5 22	5 51	20 49	14 48	0 17
T 12	1 25	10 48	1n 4	3 24	2 11	11 59	0 25	8 48	3 36	18 37	1 11	21 53	0 3	17 42	0 13	18 24	0 12	17 58	5 20	5 22	5 50	20 47	14 47	0 17
F 13	1 1	16 17	2 11	3 53	1 56	12 27	0 28	8 55	3 34	18 38	1 11	21 53	0 3	17 42	0 13	18 24	0 12	17 58	5 20	5 23	5 49	20 44	14 46	0 18
S 14	0 37	21 8	3 12	4 21	1 40	12 55	0 31	9 2	3 32	18 39	1 11	21 52	0 3	17 43	0 13	18 23	0 12	17 58	5 20	5 23	5 48	20 42	14 44	0 18
S 15	0 14	25 3	4 4	4 47	1 24	13 23	0 35	9 9	3 30	18 40	1 11	21 52	0 3	17 44	0 13	18 23	0 12	17 58	5 20	5 24	5 47	20 40	14 43	0 18
M16	0n10	27 41	4 44	5 11	1 9	13 50	0 38	9 15	3 28	18 41	1 11	21 51	0 3	17 44	0 13	18 23	0 12	17 58	5 20	5 24	5 45	20 37	14 42	0 19
T 17	0 34	28 43	5 9	5 34	0 53	14 17	0 41	9 22	3 26	18 41	1 10	21 50	0 4	17 45	0 13	18 22	0 12	17 58	5 20	5 24	5 44	20 35	14 41	0 19
W18	0 57	27 56	5 16	5 53	0 37	14 44	0 44	9 28	3 24	18 42	1 10	21 50	0 4	17 46	0 13	18 22	0 12	17 58	5 20	5 24	5 43	20 32	14 40	0 19
T 19	1 21	25 19	5 4	6 11	0 22	15 10	0 48	9 33	3 22	18 43	1 10	21 49	0 4	17 47	0 13	18 21	0 12	17 58	5 20	5 24	5 42	20 30	14 39	0 20
F 20	1 44	21 2	4 33	6 26	0 7	15 36	0 51	9 39	3 19	18 43	1 10	21 49	0 4	17 47	0 12	18 21	0 12	17 58	5 20	5 23	5 40	20 27	14 37	0 20
S 21	2 8	15 25	3 43	6 38	0s 8	16 2	0 54	9 44	3 17	18 44	1 10	21 48	0 4	17 48	0 12	18 21	0 12	17 58	5 20	5 23	5 39	20 25	14 36	0 20
S 22	2 31	8 54	2 38	6 48	0 22	16 27	0 58	9 49	3 15	18 44	1 10	21 48	0 4	17 49	0 12	18 20	0 12	17 58	5 20	5 23	5 38	20 22	14 35	0 21
M23	2 54	1 55	1 23	6 56	0 35	16 52	1 1	9 53	3 12	18 45	1 10	21 47	0 4	17 49	0 12	18 20	0 12	17 58	5 20	5 22	5 37	20 20	14 33	0 21
T 24	3 18	5s 5	0 3	7 1	0 48	17 17	1 4	9 58	3 10	18 45	1 10	21 47	0 4	17 50	0 12	18 20	0 12	17 58	5 20	5 22	5 35	20 17	14 32	0 21
W25	3 41	11 42	1s15	7 4	1 0	17 41	1 7	10 2	3 7	18 45	1 10	21 47	0 4	17 51	0 12	18 19	0 12	17 57	5 21	5 22	5 34	20 15	14 31	0 21
T 26	4 4	17 35	2 27	7 4	1 12	18 4	1 10	10 5	3 5	18 45	1 9	21 46	0 4	17 52	0 12	18 19	0 12	17 57	5 21	5 22	5 33	20 12	14 29	0 22
F 27	4 27	22 24	3 29	7 2	1 23	18 28	1 14	10 9	3 2	18 46	1 9	21 46	0 4	17 53	0 12	18 19	0 12	17 57	5 21	5 23	5 32	20 10	14 28	0 22
S 28	4 50	25 57	4 18	6 58	1 33	18 50	1 17	10 12	2 59	18 46	1 9	21 45	0 4	17 53	0 12	18 18	0 12	17 57	5 21	5 23	5 30	20 7	14 26	0 22
S 29	5 13	28 5	4 52	6 51	1 43	19 13	1 20	10 15	2 57	18 46	1 9	21 45	0 5	17 54	0 12	18 18	0 12	17 57	5 21	5 23	5 29	20 5	14 25	0 23
M30	5 36	28 44	5 12	6 43	1 52	19 34	1 23	10 17	2 54	18 46	1 9	21 44	0 5	17 55	0 12	18 18	0 12	17 57	5 21	5 23	5 28	20 2	14 24	0 23
T 31	5n59	27s57	5s17	6s32	2s 0	19n56	1n26	10n19	2n51	18n46	1n 9	21s44	0s 5	17n56	0s12	18s17	0s12	17s57	5n21	5n23	5n27	20s 0	14s22	0n23

Julian Day Number = 2093306.5, Delta T = 22m53s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'09, Lahiri = 10°11'09 Julian Calendar 1 March 1019 == Greg. Calendar 7 March 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

APRIL 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 56 55	16♈ 4'35	27♉ 7	19♓ 2	23♉52	10°R17	10°R38	22♉41	21♉ 8	9♒ 3	21°R23	13♈33	13♈41	16♒54	9°R26	W 1
T 2	13 0 51	17° 3'03	8♒59	19°55	25° 2	10♍ 7	10°D38	22°43	21°11	9° 4	21♐22	13°33	13°37	17° 1	9♏23	T 2
F 3	13 4 48	18° 1'29	20°50	20°51	26°12	9°57	10♌39	22°46	21°14	9° 5	21°22	13°34	13°34	17° 8	9°19	F 3
S 4	13 8 44	18°59'54	2♓43	21°50	27°22	9°48	10°39	22°48	21°17	9° 6	21°21	13°34	13°31	17°14	9°15	S 4
S 5	13 12 41	19°58'17	14°42	22°52	28°32	9°40	10°40	22°51	21°20	9° 7	21°21	13°35	13°28	17°21	9°11	S 5
M 6	13 16 37	20°56'38	26°50	23°57	29°42	9°32	10°40	22°53	21°23	9° 8	21°20	13°36	13°25	17°28	9° 7	M 6
T 7	13 20 34	21°54'57	9♈10	25° 4	0♊51	9°26	10°41	22°55	21°27	9° 9	21°20	13°R36	13°21	17°34	9° 2	T 7
W 8	13 24 31	22°53'15	21°43	26°14	2° 1	9°20	10°42	22°57	21°30	9°10	21°19	13°36	13°18	17°41	8°58	W 8
T 9	13 28 27	23°51'30	4♉31	27°27	3°10	9°15	10°44	22°59	21°33	9°11	21°19	13°35	13°15	17°48	8°54	T 9
F 10	13 32 24	24°49'44	17°33	28°42	4°19	9°11	10°45	23° 0	21°36	9°12	21°18	13°34	13°12	17°54	8°50	F 10
S 11	13 36 20	25°47'57	0♊49	29°59	5°29	9° 8	10°47	23° 2	21°39	9°13	21°17	13°33	13° 9	18° 1	8°46	S 11
S 12	13 40 17	26°46'07	14°19	1♈18	6°38	9° 5	10°48	23° 4	21°43	9°14	21°17	13°31	13° 6	18° 8	8°41	S 12
M13	13 44 13	27°44'15	28° 1	2°40	7°47	9° 3	10°50	23° 5	21°46	9°14	21°16	13°29	13° 2	18°15	8°37	M13
T 14	13 48 10	28°42'21	11♋55	4° 3	8°55	9° 2	10°53	23° 7	21°49	9°15	21°15	13°28	12°59	18°21	8°33	T 14
W15	13 52 6	29°40'26	25°58	5°29	10° 4	9°D 2	10°55	23° 8	21°53	9°16	21°14	13°D28	12°56	18°28	8°28	W15
T 16	13 56 3	0♉38'28	10♌ 9	6°57	11°12	9° 2	10°58	23° 9	21°56	9°17	21°13	13°28	12°53	18°35	8°24	T 16
F 17	14 0 0	1°36'28	24°27	8°27	12°21	9° 4	11° 0	23°10	21°59	9°17	21°13	13°29	12°50	18°41	8°19	F 17
S 18	14 3 56	2°34'26	8♍47	9°59	13°29	9° 6	11° 3	23°11	22° 3	9°18	21°12	13°30	12°47	18°48	8°15	S 18
S 19	14 7 53	3°32'22	23° 8	11°33	14°37	9° 9	11° 6	23°12	22° 6	9°18	21°11	13°31	12°43	18°55	8°11	S 19
M20	14 11 49	4°30'17	7♎25	13° 9	15°45	9°12	11° 9	23°13	22° 9	9°19	21°10	13°R32	12°40	19° 1	8° 6	M20
T 21	14 15 46	5°28'10	21°34	14°47	16°53	9°16	11°13	23°14	22°13	9°20	21° 9	13°32	12°37	19° 8	8° 2	T 21
W22	14 19 42	6°26'01	5♏31	16°27	18° 0	9°21	11°16	23°14	22°16	9°20	21° 8	13°31	12°34	19°15	7°57	W22
T 23	14 23 39	7°23'50	19°13	18°10	19° 8	9°27	11°20	23°15	22°20	9°20	21° 7	13°28	12°31	19°22	7°53	T 23
F 24	14 27 35	8°21'39	2♐37	19°54	20°15	9°33	11°24	23°15	22°23	9°21	21° 6	13°25	12°27	19°28	7°48	F 24
S 25	14 31 32	9°19'25	15°41	21°40	21°22	9°40	11°28	23°16	22°26	9°21	21° 5	13°21	12°24	19°35	7°44	S 25
S 26	14 35 29	10°17'11	28°25	23°28	22°29	9°47	11°32	23°16	22°30	9°22	21° 4	13°17	12°21	19°42	7°39	S 26
M27	14 39 25	11°14'55	10♑52	25°18	23°36	9°56	11°37	23°16	22°33	9°22	21° 3	13°13	12°18	19°48	7°35	M27
T 28	14 43 22	12°12'39	23° 4	27°11	24°43	10° 4	11°41	23°R16	22°37	9°22	21° 2	13°11	12°15	19°55	7°31	T 28
W29	14 47 18	13°10'21	5♒ 4	29° 5	25°49	10°14	11°46	23°16	22°40	9°23	21° 1	13° 9	12°12	20° 2	7°26	W29
T 30	14 51 15	14♉ 8'01	16♒58	1♉ 1	26♊55	10♍24	11♌51	23♉16	22♉44	9♒23	21♐ 0	13°D 9	12♈ 8	20♒ 8	7♏22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n21	25s53	5s 8	6s19	2s 8	20n17	1n29	10n21	2n49	18n46	1n 9	21s44	0s 5	17n57	0s12	18s17	0s12	17s57	5n21	5n23	5n25	19s57	14s20	0n24
T 2	6 44	22 42	4 47	6 5	2 15	20 37	1 32	10 22	2 46	18 46	1 9	21 43	0 5	17 57	0 12	18 17	0 12	17 57	5 21	5 23	5 24	19 55	14 19	0 24
F 3	7 6	18 37	4 13	5 48	2 21	20 57	1 35	10 24	2 43	18 46	1 8	21 43	0 5	17 58	0 12	18 17	0 12	17 57	5 21	5 23	5 23	19 52	14 17	0 24
S 4	7 29	13 47	3 28	5 30	2 27	21 16	1 38	10 25	2 40	18 45	1 8	21 43	0 5	17 59	0 12	18 16	0 12	17 57	5 21	5 23	5 22	19 50	14 16	0 25
S 5	7 51	8 25	2 33	5 10	2 32	21 35	1 41	10 25	2 38	18 45	1 8	21 43	0 5	18 0	0 12	18 16	0 12	17 57	5 21	5 23	5 21	19 47	14 14	0 25
M 6	8 13	2 40	1 32	4 48	2 36	21 53	1 44	10 25	2 35	18 45	1 8	21 42	0 5	18 1	0 12	18 16	0 12	17 56	5 21	5 24	5 19	19 45	14 13	0 25
T 7	8 35	3n17	0 25	4 25	2 40	22 11	1 46	10 25	2 32	18 44	1 8	21 42	0 5	18 1	0 12	18 16	0 12	17 56	5 21	5 24	5 18	19 42	14 11	0 26
W 8	8 57	9 12	0n45	3 59	2 43	22 28	1 49	10 25	2 30	18 44	1 8	21 42	0 5	18 2	0 12	18 15	0 12	17 56	5 21	5 24	5 17	19 39	14 9	0 26
T 9	9 18	14 52	1 53	3 33	2 45	22 44	1 52	10 24	2 27	18 44	1 8	21 41	0 6	18 3	0 12	18 15	0 12	17 56	5 21	5 23	5 16	19 37	14 8	0 26
F 10	9 40	19 59	2 57	3 5	2 47	23 0	1 55	10 24	2 24	18 43	1 8	21 41	0 6	18 4	0 12	18 15	0 12	17 56	5 21	5 23	5 14	19 34	14 6	0 26
S 11	10 1	24 13	3 52	2 35	2 48	23 15	1 57	10 22	2 21	18 42	1 7	21 41	0 6	18 5	0 12	18 15	0 12	17 56	5 21	5 22	5 13	19 32	14 4	0 27
S 12	10 23	27 12	4 36	2 4	2 49	23 30	2 0	10 21	2 19	18 42	1 7	21 41	0 6	18 6	0 12	18 14	0 12	17 56	5 22	5 22	5 12	19 29	14 3	0 27
M13	10 44	28 38	5 4	1 31	2 49	23 44	2 2	10 19	2 16	18 41	1 7	21 41	0 6	18 7	0 12	18 14	0 12	17 56	5 22	5 21	5 11	19 26	14 1	0 27
T 14	11 4	28 16	5 16	0 57	2 49	23 58	2 5	10 17	2 13	18 40	1 7	21 41	0 6	18 7	0 12	18 14	0 12	17 56	5 22	5 21	5 9	19 24	13 59	0 28
W15	11 25	26 7	5 8	0 22	2 48	24 10	2 7	10 14	2 11	18 40	1 7	21 40	0 6	18 8	0 12	18 14	0 12	17 56	5 22	5 20	5 8	19 21	13 58	0 28
T 16	11 46	22 19	4 42	0n14	2 46	24 23	2 9	10 12	2 8	18 39	1 7	21 40	0 6	18 9	0 12	18 14	0 12	17 56	5 22	5 21	5 7	19 19	13 56	0 28
F 17	12 6	17 11	3 59	0 52	2 44	24 34	2 12	10 9	2 5	18 38	1 7	21 40	0 6	18 10	0 12	18 14	0 12	17 56	5 22	5 21	5 6	19 16	13 54	0 29
S 18	12 26	11 6	3 0	1 31	2 41	24 45	2 14	10 6	2 3	18 37	1 7	21 40	0 6	18 11	0 12	18 13	0 12	17 55	5 22	5 21	5 4	19 13	13 53	0 29
S 19	12 46	4 26	1 50	2 11	2 37	24 56	2 16	10 2	2 0	18 36	1 6	21 40	0 6	18 12	0 12	18 13	0 12	17 55	5 22	5 22	5 3	19 11	13 51	0 29
M20	13 5	2s27	0 34	2 52	2 33	25 5	2 18	9 59	1 58	18 35	1 6	21 40	0 7	18 13	0 12	18 13	0 12	17 55	5 22	5 22	5 2	19 8	13 49	0 30
T 21	13 25	9 8	0s44	3 34	2 29	25 14	2 20	9 55	1 55	18 34	1 6	21 40	0 7	18 14	0 12	18 13	0 12	17 55	5 22	5 22	5 1	19 6	13 47	0 30
W22	13 44	15 17	1 58	4 17	2 24	25 23	2 22	9 50	1 52	18 33	1 6	21 40	0 7	18 15	0 12	18 13	0 12	17 55	5 22	5 22	4 59	19 3	13 46	0 30
T 23	14 3	20 34	3 4	5 2	2 18	25 30	2 23	9 46	1 50	18 32	1 6	21 40	0 7	18 15	0 12	18 13	0 12	17 55	5 22	5 21	4 58	19 0	13 44	0 30
F 24	14 22	24 41	3 58	5 47	2 12	25 37	2 25	9 41	1 47	18 30	1 6	21 40	0 7	18 16	0 12	18 13	0 12	17 55	5 22	5 19	4 57	18 58	13 42	0 31
S 25	14 41	27 24	4 38	6 33	2 6	25 44	2 27	9 36	1 45	18 29	1 6	21 40	0 7	18 17	0 12	18 13	0 12	17 55	5 22	5 18	4 56	18 55	13 41	0 31
S 26	14 59	28 36	5 3	7 20	1 59	25 49	2 28	9 31	1 43	18 28	1 6	21 40	0 7	18 18	0 12	18 13	0 13	17 55	5 22	5 16	4 54	18 52	13 39	0 31
M27	15 17	28 19	5 13	8 7	1 51	25 54	2 30	9 26	1 40	18 27	1 5	21 40	0 7	18 19	0 12	18 12	0 13	17 55	5 22	5 15	4 53	18 50	13 37	0 32
T 28	15 35	26 39	5 9	8 55	1 43	25 59	2 31	9 20	1 38	18 25	1 5	21 40	0 7	18 20	0 12	18 12	0 13	17 55	5 22	5 14	4 52	18 47	13 35	0 32
W29	15 53	23 48	4 51	9 44	1 35	26 2	2 32	9 15	1 35	18 24	1 5	21 40	0 7	18 21	0 12	18 12	0 13	17 55	5 22	5 13	4 51	18 44	13 34	0 32
T 30	16n10	19s58	4s20	10n33	1s26	26n 5	2n34	9n 9	1n33	18n22	1n 5	21s40	0s 8	18n22	0s12	18s12	0s13	17s54	5n22	5n13	4n49	18s42	13s32	0n32

Julian Day Number = 2093337.5, Delta T = 22m52s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'13, Lahiri = 10°11'13 Julian Calendar 1 Apr. 1019 == Greg. Calendar 7 Apr. 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

MAY 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 55 11	15♉ 5'41	28♒49	2♉59	28♊ 1	10♍35	11♌56	23°R16	22♉47	9♒23	20°R58	13♈10	12♈ 5	20♒15	7°R17	F 1
S 2	14 59 8	16° 3'20	10♓43	4°59	29° 7	10°46	12° 1	23♏15	22°51	9°23	20♐57	13°11	12° 2	20°22	7♏13	S 2
S 3	15 3 4	17° 0'57	22°45	7° 1	0♋13	10°58	12° 6	23°15	22°54	9°23	20°56	13°13	11°59	20°28	7° 9	S 3
M 4	15 7 1	17°58'34	4♈58	9° 5	1°18	11°10	12°12	23°15	22°58	9°24	20°55	13°14	11°56	20°35	7° 4	M 4
T 5	15 10 58	18°56'09	17°27	11°10	2°24	11°23	12°17	23°14	23° 1	9°24	20°54	13°R14	11°53	20°42	7° 0	T 5
W 6	15 14 54	19°53'43	0♉14	13°17	3°29	11°37	12°23	23°13	23° 5	9°24	20°52	13°13	11°49	20°49	6°56	W 6
T 7	15 18 51	20°51'17	13°20	15°25	4°34	11°51	12°29	23°12	23° 8	9°R24	20°51	13°10	11°46	20°55	6°51	T 7
F 8	15 22 47	21°48'49	26°45	17°34	5°38	12° 6	12°35	23°11	23°12	9°24	20°50	13° 5	11°43	21° 2	6°47	F 8
S 9	15 26 44	22°46'20	10♊27	19°44	6°43	12°21	12°41	23°10	23°15	9°24	20°49	12°59	11°40	21° 9	6°43	S 9
S 10	15 30 40	23°43'50	24°24	21°56	7°47	12°37	12°48	23° 9	23°19	9°24	20°47	12°53	11°37	21°15	6°39	S 10
M11	15 34 37	24°41'19	8♋30	24° 7	8°51	12°53	12°54	23° 8	23°22	9°23	20°46	12°47	11°33	21°22	6°35	M11
T 12	15 38 33	25°38'47	22°43	26°19	9°55	13° 9	13° 1	23° 7	23°26	9°23	20°45	12°42	11°30	21°29	6°31	T 12
W13	15 42 30	26°36'13	6♌58	28°31	10°58	13°27	13° 7	23° 5	23°29	9°23	20°43	12°38	11°27	21°35	6°27	W13
T 14	15 46 27	27°33'38	21°12	0♊43	12° 1	13°44	13°14	23° 4	23°33	9°23	20°42	12°D37	11°24	21°42	6°23	T 14
F 15	15 50 23	28°31'01	5♍22	2°54	13° 4	14° 3	13°21	23° 2	23°37	9°23	20°40	12°37	11°21	21°49	6°19	F 15
S 16	15 54 20	29°28'24	19°27	5° 4	14° 7	14°21	13°28	23° 1	23°40	9°22	20°39	12°38	11°18	21°55	6°15	S 16
S 17	15 58 16	0♊25'45	3♎26	7°13	15° 9	14°40	13°36	22°59	23°44	9°22	20°38	12°39	11°14	22° 2	6°11	S 17
M18	16 2 13	1°23'05	17°18	9°21	16°11	15° 0	13°43	22°57	23°47	9°22	20°36	12°R39	11°11	22° 9	6° 8	M18
T 19	16 6 9	2°20'24	1♏ 1	11°27	17°13	15°20	13°51	22°55	23°51	9°21	20°35	12°38	11° 8	22°16	6° 4	T 19
W20	16 10 6	3°17'42	14°33	13°32	18°14	15°40	13°58	22°53	23°54	9°21	20°33	12°34	11° 5	22°22	6° 0	W20
T 21	16 14 2	4°14'59	27°54	15°35	19°16	16° 1	14° 6	22°51	23°57	9°21	20°32	12°28	11° 2	22°29	5°57	T 21
F 22	16 17 59	5°12'15	11♐ 1	17°36	20°16	16°22	14°14	22°49	24° 1	9°20	20°30	12°20	10°59	22°36	5°53	F 22
S 23	16 21 56	6° 9'31	23°53	19°35	21°17	16°43	14°22	22°47	24° 4	9°20	20°29	12°11	10°55	22°42	5°50	S 23
S 24	16 25 52	7° 6'47	6♑30	21°31	22°17	17° 5	14°30	22°44	24° 8	9°19	20°27	12° 1	10°52	22°49	5°46	S 24
M25	16 29 49	8° 4'01	18°52	23°26	23°17	17°28	14°38	22°42	24°11	9°19	20°26	11°52	10°49	22°56	5°43	M25
T 26	16 33 45	9° 1'16	1♒ 2	25°18	24°16	17°50	14°47	22°39	24°15	9°18	20°24	11°45	10°46	23° 2	5°40	T 26
W27	16 37 42	9°58'29	13° 1	27° 8	25°15	18°13	14°55	22°37	24°18	9°17	20°23	11°39	10°43	23° 9	5°37	W27
T 28	16 41 38	10°55'43	24°53	28°56	26°13	18°37	15° 4	22°34	24°22	9°17	20°21	11°36	10°39	23°16	5°34	T 28
F 29	16 45 35	11°52'56	6♓44	0♋41	27°12	19° 0	15°13	22°31	24°25	9°16	20°20	11°34	10°36	23°22	5°31	F 29
S 30	16 49 32	12°50'09	18°37	2°23	28° 9	19°24	15°21	22°28	24°28	9°15	20°18	11°D34	10°33	23°29	5°28	S 30
S 31	16 53 28	13♊47'22	0♈39	4♋ 4	29♋ 7	19♍49	15♌30	22♏25	24♉32	9♒15	20♐17	11♈35	10♈30	23♒36	5♏25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n27	15s22	3s39	11n22	1s17	26n 8	2n35	9n 2	1n31	18n21	1n 5	21s41	0s 8	18n23	0s12	18s12	0s13	17s54	5n22	5n13	4n48	18s39	13s30	0n33
S 2	16 44	10 11	2 48	12 12	1 7	26 9	2 36	8 56	1 28	18 19	1 5	21 41	0 8	18 23	0 12	18 12	0 13	17 54	5 22	5 14	4 47	18 36	13 28	0 33
S 3	17 0	4 34	1 50	13 2	0 57	26 10	2 36	8 49	1 26	18 18	1 5	21 41	0 8	18 24	0 12	18 12	0 13	17 54	5 22	5 15	4 46	18 34	13 27	0 33
M 4	17 17	1n18	0 45	13 51	0 47	26 11	2 37	8 42	1 24	18 16	1 5	21 41	0 8	18 25	0 12	18 12	0 13	17 54	5 22	5 15	4 44	18 31	13 25	0 34
T 5	17 33	7 14	0n23	14 40	0 37	26 11	2 38	8 35	1 22	18 14	1 4	21 41	0 8	18 26	0 12	18 12	0 13	17 54	5 22	5 15	4 43	18 28	13 23	0 34
W 6	17 49	13 2	1 31	15 29	0 26	26 10	2 38	8 28	1 20	18 12	1 4	21 42	0 8	18 27	0 12	18 12	0 13	17 54	5 22	5 15	4 42	18 25	13 22	0 34
T 7	18 4	18 24	2 36	16 18	0 16	26 8	2 39	8 21	1 17	18 11	1 4	21 42	0 8	18 28	0 12	18 12	0 13	17 54	5 22	5 14	4 41	18 23	13 20	0 34
F 8	18 19	23 0	3 34	17 5	0 5	26 6	2 39	8 13	1 15	18 9	1 4	21 42	0 8	18 29	0 12	18 12	0 13	17 54	5 22	5 12	4 39	18 20	13 18	0 35
S 9	18 34	26 26	4 21	17 51	0n 5	26 3	2 39	8 5	1 13	18 7	1 4	21 42	0 8	18 30	0 12	18 12	0 13	17 54	5 22	5 9	4 38	18 17	13 17	0 35
S 10	18 48	28 20	4 53	18 36	0 16	25 59	2 39	7 57	1 11	18 5	1 4	21 43	0 8	18 31	0 12	18 12	0 13	17 54	5 22	5 7	4 37	18 15	13 15	0 35
M11	19 3	28 25	5 8	19 20	0 26	25 55	2 39	7 49	1 9	18 3	1 4	21 43	0 9	18 32	0 12	18 12	0 13	17 54	5 22	5 5	4 36	18 12	13 14	0 36
T 12	19 17	26 39	5 4	20 1	0 36	25 50	2 39	7 41	1 7	18 1	1 4	21 43	0 9	18 32	0 12	18 12	0 13	17 54	5 22	5 3	4 34	18 9	13 12	0 36
W13	19 30	23 10	4 42	20 41	0 46	25 45	2 39	7 32	1 5	17 59	1 4	21 44	0 9	18 33	0 12	18 12	0 13	17 54	5 22	5 1	4 33	18 6	13 10	0 36
T 14	19 43	18 19	4 2	21 19	0 56	25 39	2 38	7 24	1 3	17 57	1 3	21 44	0 9	18 34	0 12	18 13	0 13	17 53	5 22	5 1	4 32	18 4	13 9	0 36
F 15	19 56	12 30	3 7	21 55	1 5	25 32	2 37	7 15	1 1	17 55	1 3	21 44	0 9	18 35	0 12	18 13	0 13	17 53	5 22	5 1	4 31	18 1	13 7	0 37
S 16	20 9	6 4	2 2	22 28	1 13	25 25	2 37	7 6	0 59	17 53	1 3	21 45	0 9	18 36	0 12	18 13	0 13	17 53	5 22	5 1	4 29	17 58	13 6	0 37
S 17	20 21	0s37	0 50	22 58	1 21	25 17	2 36	6 57	0 57	17 50	1 3	21 45	0 9	18 37	0 12	18 13	0 13	17 53	5 22	5 1	4 28	17 55	13 4	0 37
M18	20 33	7 13	0s25	23 26	1 28	25 9	2 35	6 47	0 55	17 48	1 3	21 45	0 9	18 38	0 12	18 13	0 13	17 53	5 22	5 1	4 27	17 53	13 3	0 37
T 19	20 44	13 24	1 37	23 51	1 35	25 0	2 34	6 38	0 53	17 46	1 3	21 46	0 9	18 39	0 12	18 13	0 13	17 53	5 22	5 1	4 26	17 50	13 1	0 38
W20	20 56	18 53	2 43	24 13	1 41	24 50	2 32	6 28	0 51	17 44	1 3	21 46	0 9	18 40	0 12	18 13	0 13	17 53	5 21	4 59	4 24	17 47	13 0	0 38
T 21	21 7	23 21	3 38	24 33	1 47	24 40	2 31	6 18	0 50	17 41	1 3	21 47	0 10	18 40	0 12	18 13	0 13	17 53	5 21	4 57	4 23	17 44	12 59	0 38
F 22	21 17	26 32	4 21	24 50	1 51	24 29	2 29	6 9	0 48	17 39	1 3	21 47	0 10	18 41	0 12	18 13	0 13	17 53	5 21	4 54	4 22	17 42	12 57	0 38
S 23	21 27	28 15	4 50	25 4	1 55	24 18	2 28	5 58	0 46	17 36	1 3	21 48	0 10	18 42	0 12	18 14	0 13	17 53	5 21	4 50	4 21	17 39	12 56	0 39
S 24	21 37	28 28	5 4	25 16	1 58	24 7	2 26	5 48	0 44	17 34	1 2	21 48	0 10	18 43	0 12	18 14	0 13	17 53	5 21	4 47	4 19	17 36	12 54	0 39
M25	21 46	27 14	5 3	25 25	2 1	23 55	2 24	5 38	0 42	17 31	1 2	21 49	0 10	18 44	0 12	18 14	0 13	17 53	5 21	4 43	4 18	17 33	12 53	0 39
T 26	21 55	24 43	4 48	25 31	2 2	23 42	2 22	5 27	0 41	17 29	1 2	21 49	0 10	18 45	0 12	18 14	0 13	17 53	5 21	4 40	4 17	17 30	12 52	0 39
W27	22 4	21 10	4 21	25 35	2 3	23 29	2 19	5 17	0 39	17 26	1 2	21 50	0 10	18 46	0 12	18 14	0 13	17 53	5 21	4 38	4 16	17 28	12 50	0 40
T 28	22 12	16 47	3 43	25 37	2 3	23 15	2 17	5 6	0 37	17 24	1 2	21 50	0 10	18 46	0 12	18 14	0 13	17 53	5 21	4 37	4 14	17 25	12 49	0 40
F 29	22 20	11 48	2 55	25 37	2 3	23 1	2 14	4 55	0 36	17 21	1 2	21 51	0 10	18 47	0 12	18 15	0 13	17 53	5 21	4 36	4 13	17 22	12 48	0 40
S 30	22 28	6 21	2 0	25 35	2 2	22 47	2 11	4 44	0 34	17 18	1 2	21 51	0 10	18 48	0 12	18 15	0 13	17 53	5 21	4 36	4 12	17 19	12 47	0 40
S 31	22n35	0s38	0s58	25n30	2n 0	22n32	2n 8	4n33	0n32	17n15	1n 2	21s52	0s11	18n49	0s12	18s15	0s13	17s53	5n21	4n36	4n11	17s16	12s46	0n41

Julian Day Number = 2093367.5, Delta T = 22m52s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'17, Lahiri = 10°11'17 Julian Calendar 1 May 1019 == Greg. Calendar 7 May 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

JUNE 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 57 25	14♊44'34	12♈54	5♋42	0♌ 4	20♍14	15♌39	22°R22	24♉35	9°R14	20°R15	11°R35	10♈27	23♒43	5°R22	M 1
T 2	17 1 21	15°41'47	25°27	7°17	1° 0	20°39	15°48	22♏19	24°39	9♒13	20♐14	11♈34	10°24	23°49	5♏19	T 2
W 3	17 5 18	16°38'59	8♉22	8°51	1°56	21° 4	15°58	22°16	24°42	9°12	20°12	11°31	10°20	23°56	5°17	W 3
T 4	17 9 14	17°36'11	21°41	10°21	2°52	21°30	16° 7	22°13	24°45	9°11	20°11	11°26	10°17	24° 3	5°14	T 4
F 5	17 13 11	18°33'23	5♊24	11°49	3°46	21°56	16°16	22°10	24°48	9°11	20° 9	11°18	10°14	24° 9	5°12	F 5
S 6	17 17 7	19°30'35	19°29	13°15	4°41	22°22	16°26	22° 7	24°52	9°10	20° 8	11° 9	10°11	24°16	5°10	S 6
S 7	17 21 4	20°27'47	3♋51	14°38	5°35	22°49	16°36	22° 3	24°55	9° 9	20° 6	10°58	10° 8	24°23	5° 7	S 7
M 8	17 25 1	21°24'59	18°25	15°59	6°28	23°16	16°45	22° 0	24°58	9° 8	20° 5	10°48	10° 5	24°29	5° 5	M 8
T 9	17 28 57	22°22'10	3♌ 2	17°17	7°21	23°43	16°55	21°56	25° 2	9° 7	20° 3	10°40	10° 1	24°36	5° 3	T 9
W10	17 32 54	23°19'21	17°37	18°32	8°13	24°11	17° 5	21°53	25° 5	9° 6	20° 2	10°33	9°58	24°43	5° 1	W10
T 11	17 36 50	24°16'31	2♍ 3	19°45	9° 5	24°39	17°15	21°49	25° 8	9° 5	20° 0	10°29	9°55	24°49	4°59	T 11
F 12	17 40 47	25°13'41	16°18	20°55	9°56	25° 7	17°25	21°45	25°11	9° 4	19°58	10°28	9°52	24°56	4°57	F 12
S 13	17 44 43	26°10'51	0♎19	22° 2	10°46	25°35	17°35	21°41	25°14	9° 3	19°57	10°D28	9°49	25° 3	4°56	S 13
S 14	17 48 40	27° 8'00	14° 6	23° 6	11°35	26° 4	17°46	21°38	25°17	9° 2	19°55	10°R28	9°45	25° 9	4°54	S 14
M15	17 52 36	28° 5'09	27°40	24° 7	12°24	26°32	17°56	21°34	25°20	9° 0	19°54	10°27	9°42	25°16	4°53	M15
T 16	17 56 33	29° 2'18	11♏ 2	25° 5	13°12	27° 2	18° 6	21°30	25°24	8°59	19°52	10°24	9°39	25°23	4°51	T 16
W17	18 0 30	29°59'27	24°13	26° 0	13°59	27°31	18°17	21°26	25°27	8°58	19°51	10°18	9°36	25°29	4°50	W17
T 18	18 4 26	0♋56'36	7♐11	26°52	14°46	28° 1	18°27	21°22	25°30	8°57	19°49	10°10	9°33	25°36	4°49	T 18
F 19	18 8 23	1°53'44	19°59	27°40	15°31	28°30	18°38	21°18	25°33	8°56	19°48	9°59	9°30	25°43	4°47	F 19
S 20	18 12 19	2°50'54	2♑35	28°24	16°16	29° 1	18°49	21°14	25°36	8°55	19°46	9°47	9°26	25°50	4°46	S 20
S 21	18 16 16	3°48'03	15° 0	29° 5	17° 0	29°31	19° 0	21°10	25°39	8°53	19°45	9°33	9°23	25°56	4°45	S 21
M22	18 20 12	4°45'12	27°13	29°42	17°42	0♎ 1	19°11	21° 6	25°41	8°52	19°43	9°21	9°20	26° 3	4°45	M22
T 23	18 24 9	5°42'22	9♒16	0♌15	18°24	0°32	19°22	21° 1	25°44	8°51	19°42	9°10	9°17	26°10	4°44	T 23
W24	18 28 5	6°39'33	21°12	0°44	19° 5	1° 3	19°33	20°57	25°47	8°49	19°40	9° 1	9°14	26°16	4°43	W24
T 25	18 32 2	7°36'44	3♓ 2	1° 8	19°45	1°35	19°44	20°53	25°50	8°48	19°39	8°55	9°11	26°23	4°43	T 25
F 26	18 35 59	8°33'55	14°51	1°28	20°23	2° 6	19°55	20°49	25°53	8°47	19°38	8°52	9° 7	26°30	4°42	F 26
S 27	18 39 55	9°31'07	26°43	1°44	21° 1	2°38	20° 6	20°44	25°56	8°45	19°36	8°50	9° 4	26°36	4°42	S 27
S 28	18 43 52	10°28'20	8♈43	1°55	21°37	3° 9	20°17	20°40	25°58	8°44	19°35	8°50	9° 1	26°43	4°42	S 28
M29	18 47 48	11°25'34	20°57	2° 1	22°12	3°42	20°29	20°36	26° 1	8°43	19°33	8°50	8°58	26°50	4°42	M29
T 30	18 51 45	12♋22'48	3♉29	2°R 3	22♌46	4♎14	20♌40	20♏31	26♉ 4	8♒41	19♐32	8♈49	8♈55	26♒56	4°D42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n41	5n14	0n 7	25n24	1n57	22n17	2n 5	4n22	0n31	17n13	1n 2	21s53	0s11	18n50	0s12	18s15	0s13	17s53	5n21	4n36	4n 9	17s14	12s44	0n41
T 2	22 48	11 2	1 13	25 16	1 54	22 1	2 2	4 10	0 29	17 10	1 2	21 53	0 11	18 51	0 12	18 15	0 13	17 53	5 21	4 36	4 8	17 11	12 43	0 41
W 3	22 54	16 32	2 18	25 6	1 50	21 45	1 58	3 59	0 28	17 7	1 2	21 54	0 11	18 51	0 12	18 16	0 13	17 53	5 20	4 35	4 7	17 8	12 42	0 41
T 4	22 59	21 26	3 16	24 55	1 45	21 29	1 54	3 47	0 26	17 4	1 1	21 54	0 11	18 52	0 12	18 16	0 13	17 53	5 20	4 33	4 6	17 5	12 41	0 41
F 5	23 4	25 20	4 5	24 42	1 40	21 12	1 50	3 36	0 25	17 1	1 1	21 55	0 11	18 53	0 12	18 16	0 13	17 53	5 20	4 30	4 4	17 2	12 40	0 42
S 6	23 9	27 49	4 41	24 28	1 34	20 55	1 46	3 24	0 23	16 58	1 1	21 56	0 11	18 54	0 12	18 16	0 13	17 53	5 20	4 26	4 3	16 59	12 39	0 42
S 7	23 13	28 30	5 0	24 13	1 28	20 37	1 42	3 12	0 22	16 55	1 1	21 56	0 11	18 55	0 12	18 17	0 13	17 53	5 20	4 22	4 2	16 57	12 38	0 42
M 8	23 17	27 14	4 59	23 57	1 21	20 20	1 38	3 0	0 20	16 52	1 1	21 57	0 11	18 55	0 12	18 17	0 13	17 53	5 20	4 18	4 1	16 54	12 37	0 42
T 9	23 21	24 7	4 40	23 39	1 13	20 2	1 33	2 47	0 19	16 49	1 1	21 58	0 11	18 56	0 12	18 17	0 13	17 53	5 20	4 15	3 59	16 51	12 36	0 43
W10	23 24	19 28	4 2	23 21	1 5	19 43	1 28	2 35	0 17	16 46	1 1	21 58	0 12	18 57	0 12	18 18	0 13	17 53	5 20	4 12	3 58	16 48	12 36	0 43
T 11	23 27	13 44	3 9	23 2	0 56	19 25	1 23	2 23	0 16	16 43	1 1	21 59	0 12	18 58	0 12	18 18	0 13	17 53	5 20	4 11	3 57	16 45	12 35	0 43
F 12	23 29	7 21	2 4	22 42	0 47	19 6	1 18	2 10	0 14	16 40	1 1	22 0	0 12	18 59	0 12	18 18	0 13	17 53	5 20	4 10	3 56	16 42	12 34	0 43
S 13	23 31	0 42	0 54	22 22	0 37	18 47	1 12	1 58	0 13	16 37	1 1	22 0	0 12	18 59	0 12	18 18	0 13	17 53	5 19	4 10	3 54	16 39	12 33	0 43
S 14	23 32	5s53	0s19	22 1	0 27	18 28	1 6	1 45	0 11	16 33	1 1	22 1	0 12	19 0	0 12	18 19	0 13	17 53	5 19	4 10	3 53	16 36	12 32	0 44
M15	23 33	12 6	1 30	21 40	0 16	18 8	1 1	1 32	0 10	16 30	1 1	22 2	0 12	19 1	0 12	18 19	0 13	17 53	5 19	4 9	3 52	16 34	12 32	0 44
T 16	23 34	17 40	2 34	21 19	0 5	17 49	0 54	1 19	0 9	16 27	1 1	22 2	0 12	19 2	0 12	18 19	0 13	17 53	5 19	4 8	3 51	16 31	12 31	0 44
W17	23 34	22 18	3 29	20 57	0s 7	17 29	0 48	1 6	0 7	16 23	1 1	22 3	0 12	19 2	0 12	18 20	0 13	17 53	5 19	4 6	3 49	16 28	12 30	0 44
T 18	23 34	25 47	4 12	20 36	0 19	17 9	0 42	0 53	0 6	16 20	1 0	22 4	0 12	19 3	0 12	18 20	0 13	17 53	5 19	4 3	3 48	16 25	12 30	0 45
F 19	23 33	27 53	4 42	20 14	0 31	16 49	0 35	0 40	0 5	16 17	1 0	22 5	0 12	19 4	0 12	18 20	0 13	17 53	5 19	3 59	3 47	16 22	12 29	0 45
S 20	23 32	28 30	4 58	19 52	0 44	16 29	0 28	0 27	0 3	16 13	1 0	22 5	0 13	19 4	0 12	18 21	0 13	17 53	5 18	3 54	3 46	16 19	12 29	0 45
S 21	23 31	27 40	4 59	19 31	0 57	16 9	0 21	0 14	0 2	16 10	1 0	22 6	0 13	19 5	0 12	18 21	0 14	17 53	5 18	3 48	3 44	16 16	12 28	0 45
M22	23 29	25 30	4 46	19 10	1 11	15 49	0 13	0 0	0 1	16 6	1 0	22 7	0 13	19 6	0 12	18 21	0 14	17 53	5 18	3 43	3 43	16 13	12 28	0 45
T 23	23 27	22 12	4 20	18 50	1 25	15 29	0 5	0s13	0s 0	16 3	1 0	22 8	0 13	19 7	0 12	18 22	0 14	17 53	5 18	3 39	3 42	16 10	12 27	0 46
W24	23 24	18 2	3 43	18 30	1 39	15 9	0s 3	0 27	0 2	15 59	1 0	22 8	0 13	19 7	0 12	18 22	0 14	17 53	5 18	3 36	3 41	16 8	12 27	0 46
T 25	23 21	13 12	2 57	18 11	1 53	14 48	0 11	0 40	0 3	15 56	1 0	22 9	0 13	19 8	0 12	18 22	0 14	17 53	5 18	3 33	3 39	16 5	12 26	0 46
F 26	23 17	7 54	2 3	17 52	2 7	14 28	0 19	0 54	0 4	15 52	1 0	22 10	0 13	19 9	0 12	18 23	0 14	17 53	5 18	3 32	3 38	16 2	12 26	0 46
S 27	23 14	2 17	1 4	17 35	2 22	14 8	0 28	1 8	0 5	15 49	1 0	22 11	0 13	19 9	0 12	18 23	0 14	17 53	5 17	3 31	3 37	15 59	12 26	0 46
S 28	23 9	3n28	0 1	17 18	2 36	13 48	0 37	1 22	0 6	15 45	1 0	22 11	0 13	19 10	0 12	18 24	0 14	17 53	5 17	3 31	3 36	15 56	12 26	0 47
M29	23 4	9 12	1n 4	17 3	2 50	13 28	0 46	1 36	0 8	15 41	1 0	22 12	0 13	19 11	0 12	18 24	0 14	17 53	5 17	3 31	3 34	15 53	12 25	0 47
T 30	22n59	14n44	2n 7	16n49	3s 4	13n 8	0s55	1s49	0s 9	15n38	1n 0	22s13	0s13	19n11	0s12	18s24	0s14	17s53	5n17	3n31	3n33	15s50	12s25	0n47

Julian Day Number = 2093398.5, Delta T = 22m52s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'21, Lahiri = 10°11'22 Julian Calendar 1 June 1019 == Greg. Calendar 7 June 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

JULY 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 55 41	13♋20'04	16♉25	1°R59	23♌19	4♎46	20♌52	20°R27	26♉ 6	8°R40	19°R31	8°R46	8♈51	27♒ 3	4♏42	W 1
T 2	18 59 38	14°17'20	29°48	1♌51	23°50	5°19	21° 3	20♊22	26° 9	8♒38	19♐29	8♈40	8°48	27°10	4°42	T 2
F 3	19 3 34	15°14'37	13♊40	1°37	24°19	5°52	21°15	20°18	26°12	8°37	19°28	8°32	8°45	27°16	4°42	F 3
S 4	19 7 31	16°11'55	27°58	1°19	24°48	6°25	21°27	20°14	26°14	8°35	19°26	8°22	8°42	27°23	4°43	S 4
S 5	19 11 28	17° 9'14	12♋38	0°56	25°14	6°58	21°38	20° 9	26°17	8°34	19°25	8°11	8°39	27°30	4°43	S 5
M 6	19 15 24	18° 6'33	27°32	0°29	25°40	7°32	21°50	20° 5	26°19	8°33	19°24	8° 1	8°36	27°36	4°44	M 6
T 7	19 19 21	19° 3'53	12♌32	29♋57	26° 3	8° 5	22° 2	20° 0	26°22	8°31	19°23	7°51	8°32	27°43	4°44	T 7
W 8	19 23 17	20° 1'14	27°29	29°22	26°25	8°39	22°14	19°56	26°24	8°29	19°21	7°44	8°29	27°50	4°45	W 8
T 9	19 27 14	20°58'35	12♍13	28°44	26°45	9°13	22°26	19°51	26°26	8°28	19°20	7°40	8°26	27°56	4°46	T 9
F 10	19 31 10	21°55'57	26°41	28° 2	27° 3	9°48	22°38	19°47	26°29	8°26	19°19	7°38	8°23	28° 3	4°47	F 10
S 11	19 35 7	22°53'19	10♎48	27°19	27°19	10°22	22°50	19°42	26°31	8°25	19°18	7°D38	8°20	28°10	4°48	S 11
S 12	19 39 4	23°50'42	24°35	26°34	27°34	10°56	23° 2	19°38	26°33	8°23	19°16	7°R38	8°17	28°17	4°49	S 12
M13	19 43 0	24°48'06	8♏ 2	25°49	27°46	11°31	23°14	19°33	26°36	8°22	19°15	7°37	8°13	28°23	4°51	M13
T 14	19 46 57	25°45'30	21°13	25° 4	27°56	12° 6	23°26	19°29	26°38	8°20	19°14	7°35	8°10	28°30	4°52	T 14
W15	19 50 53	26°42'55	4♐ 8	24°19	28° 5	12°41	23°38	19°25	26°40	8°19	19°13	7°30	8° 7	28°37	4°54	W15
T 16	19 54 50	27°40'21	16°50	23°37	28°10	13°16	23°51	19°20	26°42	8°17	19°12	7°22	8° 4	28°43	4°55	T 16
F 17	19 58 46	28°37'48	29°21	22°58	28°14	13°52	24° 3	19°16	26°44	8°15	19°11	7°12	8° 1	28°50	4°57	F 17
S 18	20 2 43	29°35'16	11♑41	22°21	28°R16	14°27	24°15	19°11	26°46	8°14	19°10	7° 1	7°57	28°57	4°59	S 18
S 19	20 6 39	0♌32'45	23°53	21°49	28°15	15° 3	24°28	19° 7	26°48	8°12	19° 9	6°49	7°54	29° 3	5° 1	S 19
M20	20 10 36	1°30'14	5♒56	21°22	28°11	15°39	24°40	19° 3	26°50	8°10	19° 7	6°37	7°51	29°10	5° 3	M20
T 21	20 14 33	2°27'45	17°52	21° 1	28° 6	16°15	24°53	18°59	26°52	8° 9	19° 6	6°27	7°48	29°17	5° 5	T 21
W22	20 18 29	3°25'18	29°44	20°45	27°58	16°51	25° 5	18°54	26°54	8° 7	19° 5	6°19	7°45	29°23	5° 7	W22
T 23	20 22 26	4°22'51	11♓32	20°36	27°47	17°27	25°18	18°50	26°56	8° 6	19° 5	6°14	7°42	29°30	5°10	T 23
F 24	20 26 22	5°20'26	23°20	20°D34	27°35	18° 4	25°30	18°46	26°57	8° 4	19° 4	6°11	7°38	29°37	5°12	F 24
S 25	20 30 19	6°18'02	5♈12	20°38	27°20	18°41	25°43	18°42	26°59	8° 2	19° 3	6°D10	7°35	29°43	5°15	S 25
S 26	20 34 15	7°15'40	17°12	20°50	27° 2	19°17	25°55	18°38	27° 1	8° 1	19° 2	6°10	7°32	29°50	5°17	S 26
M27	20 38 12	8°13'19	29°24	21° 9	26°42	19°54	26° 8	18°33	27° 2	7°59	19° 1	6°11	7°29	29°57	5°20	M27
T 28	20 42 8	9°11'00	11♉55	21°35	26°21	20°31	26°21	18°29	27° 4	7°57	19° 0	6°R12	7°26	0♓ 3	5°23	T 28
W29	20 46 5	10° 8'43	24°48	22° 9	25°57	21° 9	26°34	18°25	27° 6	7°56	18°59	6°10	7°23	0°10	5°26	W29
T 30	20 50 2	11° 6'28	8♊ 8	22°50	25°31	21°46	26°46	18°22	27° 7	7°54	18°58	6° 7	7°19	0°17	5°29	T 30
F 31	20 53 58	12♌ 4'14	21♊57	23♋38	25♌ 3	22♎23	26♌59	18♑18	27♉ 9	7♒53	18♐58	6♈ 2	7♈16	0♓23	5♏32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n54	19n47	3n 5	16n37	3s18	12n48	1s 5	2s 4	0s10	15n34	1n 0	22s14	0s14	19n12	0s12	18s25	0s14	17s53	5n17	3n30	3n32	15s47	12s25	0n47
T 2	22 48	24 2	3 55	16 26	3 31	12 29	1 15	2 18	0 11	15 30	1 0	22 14	0 14	19 12	0 12	18 25	0 14	17 53	5 17	3 27	3 31	15 44	12 25	0 47
F 3	22 42	27 5	4 33	16 16	3 44	12 9	1 25	2 32	0 12	15 26	1 0	22 15	0 14	19 13	0 12	18 26	0 14	17 53	5 16	3 24	3 29	15 41	12 25	0 47
S 4	22 35	28 29	4 56	16 8	3 56	11 50	1 35	2 46	0 13	15 22	1 0	22 16	0 14	19 14	0 12	18 26	0 14	17 54	5 16	3 20	3 28	15 38	12 25	0 48
S 5	22 28	27 56	5 0	16 2	4 7	11 31	1 46	3 0	0 14	15 19	1 0	22 17	0 14	19 14	0 12	18 26	0 14	17 54	5 16	3 16	3 27	15 35	12 25	0 48
M 6	22 20	25 24	4 44	15 58	4 18	11 12	1 57	3 14	0 16	15 15	1 0	22 17	0 14	19 15	0 12	18 27	0 14	17 54	5 16	3 12	3 26	15 32	12 25	0 48
T 7	22 12	21 6	4 8	15 55	4 27	10 54	2 8	3 29	0 17	15 11	1 0	22 18	0 14	19 15	0 12	18 27	0 14	17 54	5 16	3 8	3 24	15 29	12 25	0 48
W 8	22 4	15 28	3 15	15 55	4 35	10 36	2 19	3 43	0 18	15 7	1 0	22 19	0 14	19 16	0 12	18 28	0 14	17 54	5 15	3 5	3 23	15 26	12 25	0 48
T 9	21 55	9 1	2 10	15 56	4 41	10 18	2 31	3 58	0 19	15 3	1 0	22 20	0 14	19 17	0 12	18 28	0 14	17 54	5 15	3 3	3 22	15 23	12 25	0 49
F 10	21 46	2 13	0 58	15 59	4 46	10 1	2 42	4 12	0 20	14 59	1 0	22 20	0 14	19 17	0 12	18 28	0 14	17 54	5 15	3 3	3 20	15 20	12 25	0 49
S 11	21 37	4s33	0s17	16 4	4 50	9 44	2 54	4 27	0 21	14 55	1 0	22 21	0 14	19 18	0 12	18 29	0 14	17 54	5 15	3 3	3 19	15 17	12 25	0 49
S 12	21 27	10 57	1 29	16 11	4 51	9 28	3 7	4 41	0 22	14 51	1 0	22 22	0 15	19 18	0 12	18 29	0 14	17 54	5 15	3 3	3 18	15 14	12 26	0 49
M13	21 17	16 41	2 34	16 19	4 51	9 12	3 19	4 56	0 23	14 47	0 59	22 23	0 15	19 19	0 12	18 30	0 14	17 54	5 14	3 2	3 17	15 11	12 26	0 49
T 14	21 6	21 31	3 29	16 29	4 50	8 56	3 32	5 11	0 24	14 43	0 59	22 23	0 15	19 19	0 12	18 30	0 14	17 54	5 14	3 1	3 15	15 8	12 26	0 49
W15	20 56	25 14	4 13	16 40	4 46	8 42	3 45	5 25	0 25	14 39	0 59	22 24	0 15	19 20	0 12	18 31	0 14	17 55	5 14	2 59	3 14	15 5	12 27	0 50
T 16	20 44	27 37	4 43	16 53	4 41	8 28	3 57	5 40	0 26	14 35	0 59	22 25	0 15	19 20	0 12	18 31	0 14	17 55	5 14	2 56	3 13	15 2	12 27	0 50
F 17	20 33	28 33	4 59	17 7	4 33	8 14	4 11	5 55	0 27	14 31	0 59	22 25	0 15	19 21	0 12	18 31	0 14	17 55	5 14	2 53	3 12	14 59	12 27	0 50
S 18	20 21	28 3	5 1	17 21	4 25	8 1	4 24	6 9	0 28	14 26	0 59	22 26	0 15	19 21	0 12	18 32	0 14	17 55	5 13	2 48	3 10	14 56	12 28	0 50
S 19	20 9	26 11	4 49	17 36	4 14	7 49	4 37	6 24	0 29	14 22	0 59	22 27	0 15	19 22	0 12	18 32	0 14	17 55	5 13	2 43	3 9	14 53	12 28	0 50
M20	19 56	23 9	4 24	17 52	4 3	7 38	4 50	6 39	0 30	14 18	0 59	22 28	0 15	19 22	0 12	18 33	0 14	17 55	5 13	2 39	3 8	14 50	12 29	0 50
T 21	19 43	19 10	3 48	18 8	3 50	7 27	5 3	6 54	0 31	14 14	0 59	22 28	0 15	19 22	0 12	18 33	0 14	17 55	5 13	2 35	3 7	14 47	12 30	0 51
W22	19 30	14 27	3 2	18 24	3 36	7 17	5 17	7 9	0 32	14 10	0 59	22 29	0 15	19 23	0 12	18 34	0 14	17 56	5 13	2 31	3 5	14 44	12 30	0 51
T 23	19 16	9 14	2 8	18 40	3 21	7 8	5 30	7 23	0 32	14 5	0 59	22 30	0 16	19 23	0 12	18 34	0 14	17 56	5 12	2 29	3 4	14 41	12 31	0 51
F 24	19 2	3 42	1 8	18 56	3 5	7 0	5 43	7 38	0 33	14 1	0 59	22 30	0 16	19 24	0 12	18 34	0 14	17 56	5 12	2 28	3 3	14 38	12 31	0 51
S 25	18 48	2n 0	0 5	19 11	2 49	6 53	5 56	7 53	0 34	13 57	0 59	22 31	0 16	19 24	0 12	18 35	0 14	17 56	5 12	2 28	3 2	14 35	12 32	0 51
S 26	18 33	7 42	0n59	19 26	2 33	6 47	6 9	8 8	0 35	13 53	0 59	22 32	0 16	19 25	0 12	18 35	0 14	17 56	5 12	2 28	3 0	14 32	12 33	0 51
M27	18 19	13 13	2 1	19 40	2 16	6 42	6 21	8 23	0 36	13 48	0 59	22 32	0 16	19 25	0 12	18 36	0 14	17 56	5 11	2 28	2 59	14 29	12 34	0 52
T 28	18 3	18 20	3 0	19 52	1 59	6 38	6 34	8 38	0 37	13 44	0 59	22 33	0 16	19 25	0 12	18 36	0 14	17 56	5 11	2 28	2 58	14 26	12 34	0 52
W29	17 48	22 48	3 51	20 4	1 42	6 35	6 45	8 52	0 38	13 40	0 59	22 33	0 16	19 26	0 12	18 37	0 14	17 57	5 11	2 28	2 57	14 23	12 35	0 52
T 30	17 32	26 14	4 31	20 14	1 25	6 32	6 57	9 7	0 39	13 35	0 59	22 34	0 16	19 26	0 12	18 37	0 14	17 57	5 11	2 27	2 55	14 20	12 36	0 52
F 31	17n16	28n16	4n57	20n22	1s 8	6n31	7s 8	9s22	0s39	13n31	0n59	22s35	0s16	19n26	0s12	18s37	0s14	17s57	5n10	2n25	2n54	14s17	12s37	0n52

Julian Day Number = 2093428.5, Delta T = 22m51s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'25, Lahiri = 10°11'26 Julian Calendar 1 July 1019 == Greg. Calendar 7 July 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

AUGUST 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 57 55	13♌ 2'02	6♋15	24♋32	24°R33	23♎ 1	27♌12	18°R14	27♉10	7°R51	18°R57	5°R55	7♈13	0♓30	5♏35	S 1
S 2	21 1 51	13°59'52	20°58	25°34	24♌ 2	23°39	27°25	18♊10	27°11	7♒49	18♐56	5♈48	7°10	0°37	5°38	S 2
M 3	21 5 48	14°57'43	6♌ 1	26°42	23°29	24°17	27°38	18° 6	27°13	7°48	18°55	5°40	7° 7	0°43	5°41	M 3
T 4	21 9 44	15°55'36	21°13	27°56	22°55	24°55	27°50	18° 3	27°14	7°46	18°55	5°33	7° 3	0°50	5°45	T 4
W 5	21 13 41	16°53'30	6♍25	29°16	22°20	25°33	28° 3	17°59	27°15	7°44	18°54	5°28	7° 0	0°57	5°49	W 5
T 6	21 17 37	17°51'25	21°26	0♌41	21°44	26°11	28°16	17°55	27°16	7°43	18°54	5°26	6°57	1° 3	5°52	T 6
F 7	21 21 34	18°49'22	6♎ 9	2°12	21° 8	26°50	28°29	17°52	27°17	7°41	18°53	5°D25	6°54	1°10	5°56	F 7
S 8	21 25 31	19°47'21	20°29	3°47	20°31	27°28	28°42	17°48	27°19	7°40	18°52	5°25	6°51	1°17	6° 0	S 8
S 9	21 29 27	20°45'20	4♏25	5°25	19°54	28° 7	28°55	17°45	27°20	7°38	18°52	5°27	6°48	1°23	6° 4	S 9
M10	21 33 24	21°43'22	17°55	7° 8	19°17	28°46	29° 8	17°42	27°21	7°36	18°51	5°R27	6°44	1°30	6° 8	M10
T 11	21 37 20	22°41'24	1♐ 4	8°54	18°40	29°25	29°21	17°38	27°21	7°35	18°51	5°27	6°41	1°37	6°12	T 11
W12	21 41 17	23°39'28	13°53	10°42	18° 4	0♏ 4	29°34	17°35	27°22	7°33	18°50	5°25	6°38	1°43	6°16	W12
T 13	21 45 13	24°37'34	26°25	12°33	17°28	0°43	29°47	17°32	27°23	7°32	18°50	5°21	6°35	1°50	6°20	T 13
F 14	21 49 10	25°35'41	8♑45	14°25	16°54	1°22	29°59	17°29	27°24	7°30	18°50	5°16	6°32	1°57	6°24	F 14
S 15	21 53 6	26°33'49	20°54	16°19	16°21	2° 2	0♍13	17°26	27°25	7°29	18°49	5°10	6°29	2° 3	6°29	S 15
S 16	21 57 3	27°31'59	2♒55	18°14	15°49	2°41	0°26	17°23	27°25	7°27	18°49	5° 3	6°25	2°10	6°33	S 16
M17	22 1 0	28°30'11	14°51	20° 9	15°19	3°21	0°39	17°20	27°26	7°26	18°49	4°56	6°22	2°17	6°38	M17
T 18	22 4 56	29°28'25	26°42	22° 5	14°50	4° 1	0°52	17°18	27°27	7°24	18°48	4°50	6°19	2°23	6°43	T 18
W19	22 8 53	0♍26'40	8♓31	24° 1	14°24	4°41	1° 5	17°15	27°27	7°23	18°48	4°46	6°16	2°30	6°47	W19
T 20	22 12 49	1°24'57	20°20	25°56	13°59	5°21	1°18	17°13	27°28	7°21	18°48	4°43	6°13	2°37	6°52	T 20
F 21	22 16 46	2°23'16	2♈11	27°52	13°37	6° 1	1°31	17°10	27°28	7°20	18°48	4°D42	6° 9	2°43	6°57	F 21
S 22	22 20 42	3°21'37	14° 7	29°47	13°17	6°41	1°44	17° 8	27°28	7°18	18°48	4°42	6° 6	2°50	7° 2	S 22
S 23	22 24 39	4°20'00	26°11	1♍41	12°59	7°22	1°57	17° 5	27°29	7°17	18°48	4°44	6° 3	2°57	7° 7	S 23
M24	22 28 35	5°18'25	8♉27	3°35	12°44	8° 2	2°10	17° 3	27°29	7°15	18°47	4°45	6° 0	3° 3	7°12	M24
T 25	22 32 32	6°16'53	20°59	5°28	12°31	8°43	2°23	17° 1	27°29	7°14	18°47	4°47	5°57	3°10	7°17	T 25
W26	22 36 29	7°15'23	3♊50	7°20	12°20	9°23	2°36	16°59	27°29	7°13	18°D47	4°R48	5°54	3°17	7°23	W26
T 27	22 40 25	8°13'55	17° 4	9°11	12°12	10° 4	2°49	16°57	27°29	7°11	18°47	4°47	5°50	3°23	7°28	T 27
F 28	22 44 22	9°12'29	0♋45	11° 1	12° 6	10°45	3° 2	16°55	27°29	7°10	18°47	4°46	5°47	3°30	7°34	F 28
S 29	22 48 18	10°11'06	14°53	12°50	12° 3	11°26	3°15	16°53	27°R29	7° 9	18°48	4°44	5°44	3°37	7°39	S 29
S 30	22 52 15	11° 9'44	29°26	14°38	12°D 2	12° 7	3°28	16°52	27°29	7° 7	18°48	4°41	5°41	3°43	7°45	S 30
M31	22 56 11	12♍ 8'25	14♌20	16♍25	12♌ 3	12♏48	3♍41	16♑50	27♉29	7♒ 6	18♐48	4♈37	5♈38	3♓50	7♏50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n 0	28n31	5n 7	20n29	0s52	6n31	7s18	9s37	0s40	13n26	0n59	22s35	0s16	19n27	0s12	18s38	0s14	17s57	5n10	2n22	2n53	14s14	12s38	0n52
S 2	16 43	26 48	4 56	20 33	0 36	6 32	7 28	9 52	0 41	13 22	0 59	22 36	0 16	19 27	0 12	18 38	0 14	17 57	5 10	2 19	2 51	14 11	12 39	0 53
M 3	16 26	23 9	4 25	20 35	0 21	6 34	7 37	10 7	0 42	13 18	0 59	22 36	0 16	19 27	0 12	18 39	0 14	17 58	5 10	2 16	2 50	14 8	12 40	0 53
T 4	16 9	17 54	3 35	20 35	0 6	6 36	7 46	10 21	0 43	13 13	0 59	22 37	0 16	19 28	0 12	18 39	0 14	17 58	5 10	2 13	2 49	14 5	12 41	0 53
W 5	15 51	11 31	2 30	20 32	0n 7	6 40	7 54	10 36	0 43	13 9	1 0	22 38	0 17	19 28	0 12	18 40	0 14	17 58	5 9	2 11	2 48	14 2	12 42	0 53
T 6	15 34	4 34	1 15	20 27	0 21	6 45	8 1	10 51	0 44	13 4	1 0	22 38	0 17	19 28	0 12	18 40	0 14	17 58	5 9	2 10	2 46	13 59	12 43	0 53
F 7	15 16	2s31	0s 4	20 19	0 33	6 50	8 7	11 6	0 45	13 0	1 0	22 39	0 17	19 28	0 12	18 41	0 14	17 58	5 9	2 10	2 45	13 56	12 44	0 53
S 8	14 58	9 17	1 21	20 8	0 44	6 56	8 12	11 20	0 46	12 55	1 0	22 39	0 17	19 29	0 12	18 41	0 14	17 59	5 9	2 10	2 44	13 53	12 45	0 54
S 9	14 39	15 25	2 30	19 54	0 55	7 3	8 17	11 35	0 46	12 51	1 0	22 40	0 17	19 29	0 12	18 41	0 14	17 59	5 8	2 10	2 43	13 49	12 46	0 54
M10	14 20	20 37	3 30	19 37	1 4	7 11	8 20	11 50	0 47	12 46	1 0	22 40	0 17	19 29	0 12	18 42	0 14	17 59	5 8	2 11	2 41	13 46	12 47	0 54
T 11	14 2	24 39	4 16	19 18	1 13	7 20	8 23	12 4	0 48	12 42	1 0	22 41	0 17	19 29	0 12	18 42	0 14	17 59	5 8	2 11	2 40	13 43	12 49	0 54
W12	13 42	27 22	4 48	18 56	1 20	7 29	8 25	12 19	0 49	12 37	1 0	22 41	0 17	19 29	0 12	18 43	0 14	17 59	5 8	2 10	2 39	13 40	12 50	0 54
T 13	13 23	28 37	5 6	18 31	1 27	7 39	8 26	12 33	0 49	12 32	1 0	22 42	0 17	19 30	0 12	18 43	0 14	18 0	5 7	2 8	2 38	13 37	12 51	0 54
F 14	13 3	28 25	5 9	18 4	1 32	7 49	8 26	12 48	0 50	12 28	1 0	22 42	0 17	19 30	0 12	18 43	0 14	18 0	5 7	2 6	2 36	13 34	12 52	0 55
S 15	12 44	26 51	4 58	17 34	1 37	7 59	8 25	13 2	0 51	12 23	1 0	22 43	0 17	19 30	0 12	18 44	0 14	18 0	5 7	2 4	2 35	13 31	12 54	0 55
S 16	12 24	24 3	4 34	17 3	1 41	8 10	8 23	13 17	0 52	12 19	1 0	22 43	0 17	19 30	0 12	18 44	0 14	18 0	5 7	2 1	2 34	13 28	12 55	0 55
M17	12 3	20 16	3 58	16 29	1 44	8 21	8 21	13 31	0 52	12 14	1 0	22 43	0 17	19 30	0 12	18 45	0 14	18 0	5 6	1 58	2 33	13 25	12 56	0 55
T 18	11 43	15 42	3 12	15 54	1 46	8 32	8 17	13 45	0 53	12 10	1 0	22 44	0 17	19 30	0 12	18 45	0 14	18 1	5 6	1 56	2 31	13 22	12 58	0 55
W19	11 23	10 33	2 18	15 17	1 47	8 44	8 13	13 59	0 54	12 5	1 0	22 44	0 17	19 31	0 12	18 45	0 14	18 1	5 6	1 54	2 30	13 19	12 59	0 55
T 20	11 2	5 2	1 18	14 38	1 48	8 55	8 8	14 14	0 54	12 0	1 0	22 45	0 18	19 31	0 12	18 46	0 14	18 1	5 5	1 53	2 29	13 15	13 1	0 55
F 21	10 41	0n40	0 14	13 58	1 48	9 7	8 3	14 28	0 55	11 56	1 0	22 45	0 18	19 31	0 12	18 46	0 14	18 1	5 5	1 53	2 27	13 12	13 2	0 56
S 22	10 20	6 23	0n51	13 17	1 47	9 18	7 57	14 42	0 55	11 51	1 0	22 45	0 18	19 31	0 12	18 47	0 14	18 2	5 5	1 53	2 26	13 9	13 3	0 56
S 23	9 58	11 57	1 55	12 35	1 46	9 29	7 50	14 55	0 56	11 46	1 0	22 46	0 18	19 31	0 12	18 47	0 14	18 2	5 5	1 53	2 25	13 6	13 5	0 56
M24	9 37	17 9	2 55	11 52	1 44	9 40	7 43	15 9	0 57	11 42	1 0	22 46	0 18	19 31	0 12	18 47	0 14	18 2	5 4	1 54	2 24	13 3	13 6	0 56
T 25	9 15	21 45	3 47	11 8	1 41	9 51	7 35	15 23	0 57	11 37	1 0	22 46	0 18	19 31	0 12	18 48	0 14	18 2	5 4	1 55	2 22	13 0	13 8	0 56
W26	8 54	25 27	4 30	10 23	1 38	10 2	7 27	15 37	0 58	11 32	1 0	22 47	0 18	19 31	0 12	18 48	0 14	18 3	5 4	1 55	2 21	12 57	13 10	0 56
T 27	8 32	27 54	5 0	9 38	1 35	10 12	7 19	15 50	0 58	11 28	1 0	22 47	0 18	19 31	0 12	18 48	0 14	18 3	5 4	1 55	2 20	12 54	13 11	0 57
F 28	8 10	28 48	5 14	8 53	1 31	10 22	7 10	16 4	0 59	11 23	1 0	22 47	0 18	19 31	0 12	18 49	0 14	18 3	5 3	1 54	2 19	12 50	13 13	0 57
S 29	7 47	27 52	5 10	8 7	1 27	10 32	7 1	16 17	1 0	11 18	1 1	22 48	0 18	19 31	0 12	18 49	0 14	18 3	5 3	1 53	2 17	12 47	13 14	0 57
S 30	7 25	25 2	4 46	7 21	1 22	10 41	6 51	16 31	1 0	11 14	1 1	22 48	0 18	19 31	0 12	18 49	0 14	18 4	5 3	1 52	2 16	12 44	13 16	0 57
M31	7n 3	20n29	4n 2	6n35	1n18	10n50	6s42	16s44	1s 1	11n 9	1n 1	22s48	0s18	19n31	0s12	18s50	0s14	18s 4	5n 3	1n51	2n15	12s41	13s18	0n57

Julian Day Number = 2093459.5, Delta T = 22m51s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'30, Lahiri = 10°11'30 Julian Calendar 1 Aug. 1019 == Greg. Calendar 7 Aug. 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

SEPTEMBER 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 0 8	13♍ 7'08	29♌29	18♍12	12♌ 7	13♏30	3♍54	16°R48	27°R29	7°R 5	18♐48	4°R35	5♈34	3♓57	7♏56	T 1
W 2	23 4 4	14° 5'53	14♍41	19°57	12°13	14°11	4° 7	16♉47	27♉29	7♒ 4	18°48	4♈33	5°31	4° 3	8° 2	W 2
T 3	23 8 1	15° 4'40	29°49	21°41	12°21	14°53	4°20	16°46	27°29	7° 2	18°48	4°D32	5°28	4°10	8° 7	T 3
F 4	23 11 58	16° 3'29	14♎42	23°24	12°32	15°34	4°33	16°44	27°28	7° 1	18°49	4°32	5°25	4°17	8°13	F 4
S 5	23 15 54	17° 2'20	29°14	25° 6	12°44	16°16	4°46	16°43	27°28	7° 0	18°49	4°33	5°22	4°23	8°19	S 5
S 6	23 19 51	18° 1'13	13♏21	26°48	12°59	16°58	4°59	16°42	27°28	6°59	18°49	4°34	5°19	4°30	8°25	S 6
M 7	23 23 47	19° 0'08	27° 0	28°28	13°15	17°40	5°11	16°41	27°27	6°58	18°50	4°35	5°15	4°37	8°31	M 7
T 8	23 27 44	19°59'04	10♐14	0♎ 7	13°34	18°22	5°24	16°41	27°27	6°57	18°50	4°36	5°12	4°43	8°38	T 8
W 9	23 31 40	20°58'03	23° 5	1°46	13°54	19° 4	5°37	16°40	27°26	6°56	18°50	4°R36	5° 9	4°50	8°44	W 9
T 10	23 35 37	21°57'03	5♉36	3°24	14°16	19°46	5°50	16°39	27°26	6°55	18°51	4°36	5° 6	4°57	8°50	T 10
F 11	23 39 33	22°56'05	17°51	5° 0	14°40	20°29	6° 3	16°39	27°25	6°54	18°51	4°35	5° 3	5° 3	8°56	F 11
S 12	23 43 30	23°55'08	29°54	6°36	15° 6	21°11	6°15	16°38	27°24	6°53	18°52	4°34	5° 0	5°10	9° 3	S 12
S 13	23 47 27	24°54'14	11♒49	8°11	15°33	21°54	6°28	16°38	27°23	6°52	18°52	4°32	4°56	5°17	9° 9	S 13
M14	23 51 23	25°53'21	23°40	9°46	16° 2	22°36	6°41	16°38	27°23	6°51	18°53	4°31	4°53	5°23	9°16	M14
T 15	23 55 20	26°52'30	5♓29	11°19	16°33	23°19	6°53	16°37	27°22	6°50	18°54	4°30	4°50	5°30	9°22	T 15
W16	23 59 16	27°51'42	17°19	12°52	17° 5	24° 2	7° 6	16°D37	27°21	6°49	18°54	4°29	4°47	5°37	9°29	W16
T 17	0 3 13	28°50'55	29°12	14°23	17°38	24°44	7°18	16°37	27°20	6°48	18°55	4°D29	4°44	5°43	9°35	T 17
F 18	0 7 9	29°50'10	11♈11	15°54	18°13	25°27	7°31	16°38	27°19	6°47	18°56	4°29	4°40	5°50	9°42	F 18
S 19	0 11 6	0♎49'28	23°17	17°25	18°49	26°10	7°43	16°38	27°18	6°46	18°56	4°29	4°37	5°57	9°49	S 19
S 20	0 15 2	1°48'48	5♉32	18°54	19°27	26°54	7°56	16°38	27°17	6°46	18°57	4°29	4°34	6° 3	9°56	S 20
M21	0 18 59	2°48'10	17°58	20°23	20° 5	27°37	8° 8	16°39	27°16	6°45	18°58	4°30	4°31	6°10	10° 2	M21
T 22	0 22 55	3°47'34	0♊39	21°51	20°45	28°20	8°21	16°39	27°14	6°44	18°59	4°30	4°28	6°17	10° 9	T 22
W23	0 26 52	4°47'01	13°35	23°18	21°26	29° 3	8°33	16°40	27°13	6°43	19° 0	4°R30	4°25	6°23	10°16	W23
T 24	0 30 49	5°46'30	26°49	24°44	22° 9	29°47	8°45	16°41	27°12	6°43	19° 1	4°30	4°21	6°30	10°23	T 24
F 25	0 34 45	6°46'01	10♋24	26° 9	22°52	0♐30	8°58	16°42	27°11	6°42	19° 1	4°D30	4°18	6°37	10°30	F 25
S 26	0 38 42	7°45'35	24°20	27°34	23°36	1°14	9°10	16°42	27° 9	6°42	19° 2	4°30	4°15	6°43	10°37	S 26
S 27	0 42 38	8°45'12	8♌36	28°58	24°22	1°58	9°22	16°44	27° 8	6°41	19° 3	4°30	4°12	6°50	10°44	S 27
M28	0 46 35	9°44'50	23°11	0♏20	25° 8	2°42	9°34	16°45	27° 6	6°40	19° 4	4°31	4° 9	6°57	10°51	M28
T 29	0 50 31	10°44'31	8♍ 0	1°42	25°55	3°25	9°46	16°46	27° 5	6°40	19° 5	4°31	4° 6	7° 3	10°59	T 29
W30	0 54 28	11♎44'14	22♍58	3♏ 3	26♌43	4♐ 9	9♍58	16♉47	27♉ 3	6♒40	19♐ 6	4♈32	4♈ 2	7♓10	11♏ 6	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n40	14n33	3n 1	5n48	1n12	10n58	6s32	16s57	1s 1	11n 4	1n 1	22s48	0s18	19n31	0s12	18s50	0s14	18s 4	5n 2	1n50	2n14	12s38	13s19	0n57
W 2	6 17	7 43	1 47	5 2	1 7	11 6	6 22	17 10	1 2	11 0	1 1	22 49	0 18	19 31	0 12	18 50	0 14	18 5	5 2	1 49	2 12	12 35	13 21	0 58
T 3	5 55	0 28	0 26	4 15	1 1	11 14	6 12	17 23	1 2	10 55	1 1	22 49	0 18	19 31	0 12	18 51	0 14	18 5	5 2	1 49	2 11	12 31	13 23	0 58
F 4	5 32	6s41	0s56	3 29	0 56	11 21	6 2	17 36	1 3	10 50	1 1	22 49	0 18	19 31	0 12	18 51	0 14	18 5	5 2	1 49	2 10	12 28	13 25	0 58
S 5	5 9	13 19	2 12	2 43	0 49	11 27	5 52	17 48	1 3	10 46	1 1	22 49	0 19	19 31	0 12	18 51	0 14	18 5	5 1	1 49	2 9	12 25	13 26	0 58
S 6	4 46	19 5	3 19	1 56	0 43	11 33	5 41	18 1	1 4	10 41	1 1	22 50	0 19	19 31	0 12	18 52	0 14	18 6	5 1	1 50	2 7	12 22	13 28	0 58
M 7	4 22	23 40	4 11	1 10	0 37	11 38	5 31	18 13	1 4	10 36	1 1	22 50	0 19	19 31	0 12	18 52	0 14	18 6	5 1	1 50	2 6	12 19	13 30	0 58
T 8	3 59	26 52	4 49	0 25	0 30	11 43	5 21	18 26	1 5	10 32	1 1	22 50	0 19	19 30	0 12	18 52	0 14	18 6	5 1	1 50	2 5	12 16	13 32	0 58
W 9	3 36	28 33	5 10	0s21	0 24	11 47	5 10	18 38	1 5	10 27	1 1	22 50	0 19	19 30	0 12	18 52	0 14	18 7	5 0	1 50	2 3	12 12	13 34	0 59
T 10	3 13	28 43	5 17	1 6	0 17	11 51	5 0	18 50	1 6	10 22	1 1	22 50	0 19	19 30	0 12	18 53	0 14	18 7	5 0	1 50	2 2	12 9	13 36	0 59
F 11	2 49	27 28	5 8	1 51	0 10	11 54	4 50	19 2	1 6	10 18	1 2	22 50	0 19	19 30	0 12	18 53	0 14	18 7	5 0	1 50	2 1	12 6	13 37	0 59
S 12	2 26	24 56	4 46	2 36	0 3	11 57	4 39	19 14	1 7	10 13	1 2	22 50	0 19	19 30	0 12	18 53	0 14	18 8	4 59	1 49	2 0	12 3	13 39	0 59
S 13	2 2	21 22	4 12	3 20	0s 4	11 58	4 29	19 25	1 7	10 9	1 2	22 50	0 19	19 30	0 12	18 53	0 14	18 8	4 59	1 49	1 58	12 0	13 41	0 59
M14	1 39	16 58	3 28	4 3	0 11	12 0	4 19	19 37	1 8	10 4	1 2	22 51	0 19	19 30	0 12	18 54	0 14	18 8	4 59	1 48	1 57	11 57	13 43	0 59
T 15	1 15	11 56	2 34	4 47	0 18	12 0	4 9	19 48	1 8	9 59	1 2	22 51	0 19	19 29	0 12	18 54	0 14	18 8	4 59	1 48	1 56	11 53	13 45	1 0
W16	0 51	6 29	1 34	5 30	0 25	12 1	3 59	19 59	1 9	9 55	1 2	22 51	0 19	19 29	0 12	18 54	0 14	18 9	4 58	1 48	1 55	11 50	13 47	1 0
T 17	0 28	0 46	0 29	6 12	0 33	12 0	3 49	20 10	1 9	9 50	1 2	22 51	0 19	19 29	0 12	18 54	0 14	18 9	4 58	1 47	1 53	11 47	13 49	1 0
F 18	0 4	5n 1	0n37	6 54	0 40	11 59	3 39	20 21	1 9	9 45	1 2	22 51	0 19	19 29	0 12	18 55	0 14	18 9	4 58	1 47	1 52	11 44	13 51	1 0
S 19	0s20	10 41	1 43	7 36	0 47	11 57	3 29	20 32	1 10	9 41	1 2	22 51	0 19	19 28	0 12	18 55	0 14	18 10	4 58	1 48	1 51	11 41	13 53	1 0
S 20	0 43	16 1	2 44	8 16	0 54	11 55	3 19	20 42	1 10	9 36	1 2	22 51	0 19	19 28	0 12	18 55	0 14	18 10	4 57	1 48	1 50	11 37	13 55	1 0
M21	1 7	20 47	3 39	8 57	1 1	11 52	3 10	20 53	1 11	9 32	1 3	22 51	0 19	19 28	0 12	18 55	0 14	18 10	4 57	1 48	1 48	11 34	13 57	1 1
T 22	1 31	24 42	4 24	9 36	1 8	11 48	3 0	21 3	1 11	9 27	1 3	22 51	0 19	19 28	0 12	18 55	0 14	18 11	4 57	1 48	1 47	11 31	13 59	1 1
W23	1 55	27 28	4 57	10 15	1 15	11 44	2 51	21 13	1 11	9 23	1 3	22 51	0 19	19 27	0 12	18 56	0 14	18 11	4 57	1 48	1 46	11 28	14 1	1 1
T 24	2 18	28 47	5 15	10 54	1 22	11 39	2 42	21 23	1 12	9 18	1 3	22 51	0 20	19 27	0 12	18 56	0 14	18 11	4 56	1 48	1 44	11 25	14 3	1 1
F 25	2 42	28 24	5 16	11 31	1 28	11 34	2 33	21 32	1 12	9 14	1 3	22 51	0 20	19 27	0 12	18 56	0 14	18 12	4 56	1 48	1 43	11 21	14 5	1 1
S 26	3 6	26 16	4 59	12 8	1 35	11 28	2 24	21 42	1 12	9 9	1 3	22 51	0 20	19 26	0 12	18 56	0 15	18 12	4 56	1 48	1 42	11 18	14 7	1 2
S 27	3 29	22 26	4 23	12 45	1 42	11 21	2 15	21 51	1 13	9 5	1 3	22 50	0 20	19 26	0 12	18 56	0 15	18 12	4 56	1 48	1 41	11 15	14 9	1 2
M28	3 53	17 10	3 30	13 20	1 48	11 14	2 6	22 0	1 13	9 0	1 3	22 50	0 20	19 26	0 12	18 56	0 15	18 13	4 55	1 48	1 39	11 12	14 11	1 2
T 29	4 16	10 48	2 22	13 55	1 54	11 6	1 57	22 9	1 13	8 56	1 3	22 50	0 20	19 25	0 12	18 56	0 15	18 13	4 55	1 48	1 38	11 8	14 13	1 2
W30	4s40	3n47	1n 4	14s29	2s 0	10n58	1s49	22s18	1s14	8n51	1n 4	22s50	0s20	19n25	0s12	18s57	0s15	18s13	4n55	1n48	1n37	11s 5	14s15	1n 2

Julian Day Number = 2093490.5, Delta T = 22m50s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'34, Lahiri = 10°11'34 Julian Calendar 1 Sept. 1019 == Greg. Calendar 7 Sept. 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

OCTOBER 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 58 24	12♎43'59	7♎55	4♏23	27♌32	4♐53	10♍10	16♑49	27°R 2	6°R39	19♐ 8	4°R32	3♈59	7♓17	11♏13	T 1
F 2	1 2 21	13°43'46	22°44	5°41	28°22	5°38	10°22	16°50	27♉ 0	6♒39	19° 9	4♈31	3°56	7°23	11°20	F 2
S 3	1 6 18	14°43'35	7♏18	6°59	29°12	6°22	10°34	16°52	26°59	6°38	19°10	4°30	3°53	7°30	11°28	S 3
S 4	1 10 14	15°43'26	21°30	8°15	0♍ 3	7° 6	10°46	16°54	26°57	6°38	19°11	4°29	3°50	7°37	11°35	S 4
M 5	1 14 11	16°43'19	5♐17	9°29	0°55	7°50	10°57	16°56	26°55	6°38	19°12	4°28	3°46	7°43	11°42	M 5
T 6	1 18 7	17°43'14	18°38	10°42	1°48	8°35	11° 9	16°58	26°53	6°37	19°13	4°26	3°43	7°50	11°50	T 6
W 7	1 22 4	18°43'11	1♑35	11°54	2°42	9°19	11°20	17° 0	26°52	6°37	19°15	4°25	3°40	7°57	11°57	W 7
T 8	1 26 0	19°43'09	14° 8	13° 3	3°36	10° 4	11°32	17° 2	26°50	6°37	19°16	4°D24	3°37	8° 3	12° 5	T 8
F 9	1 29 57	20°43'09	26°24	14°10	4°30	10°48	11°43	17° 4	26°48	6°37	19°17	4°24	3°34	8°10	12°12	F 9
S 10	1 33 53	21°43'10	8♒26	15°15	5°26	11°33	11°55	17° 6	26°46	6°37	19°19	4°25	3°31	8°17	12°20	S 10
S 11	1 37 50	22°43'13	20°19	16°18	6°22	12°18	12° 6	17° 9	26°44	6°36	19°20	4°26	3°27	8°23	12°27	S 11
M12	1 41 47	23°43'18	2♓ 8	17°18	7°18	13° 3	12°17	17°11	26°42	6°36	19°21	4°28	3°24	8°30	12°35	M12
T 13	1 45 43	24°43'24	13°57	18°14	8°15	13°48	12°29	17°14	26°40	6°36	19°23	4°29	3°21	8°37	12°42	T 13
W14	1 49 40	25°43'32	25°50	19° 7	9°13	14°33	12°40	17°17	26°38	6°D36	19°24	4°30	3°18	8°43	12°50	W14
T 15	1 53 36	26°43'42	7♈49	19°56	10°11	15°18	12°51	17°20	26°36	6°36	19°26	4°R31	3°15	8°50	12°58	T 15
F 16	1 57 33	27°43'54	19°58	20°41	11° 9	16° 3	13° 2	17°22	26°34	6°36	19°27	4°30	3°11	8°57	13° 5	F 16
S 17	2 1 29	28°44'07	2♉18	21°21	12° 9	16°48	13°13	17°25	26°32	6°37	19°29	4°28	3° 8	9° 3	13°13	S 17
S 18	2 5 26	29°44'23	14°51	21°55	13° 8	17°33	13°23	17°28	26°29	6°37	19°30	4°24	3° 5	9°10	13°21	S 18
M19	2 9 22	0♏44'40	27°37	22°23	14° 8	18°18	13°34	17°32	26°27	6°37	19°32	4°20	3° 2	9°17	13°28	M19
T 20	2 13 19	1°44'59	10♊35	22°44	15° 9	19° 4	13°45	17°35	26°25	6°37	19°33	4°16	2°59	9°23	13°36	T 20
W21	2 17 16	2°45'20	23°47	22°58	16°10	19°49	13°55	17°38	26°23	6°37	19°35	4°11	2°56	9°30	13°44	W21
T 22	2 21 12	3°45'43	7♋12	23°R 4	17°11	20°34	14° 6	17°42	26°20	6°38	19°37	4° 8	2°52	9°37	13°51	T 22
F 23	2 25 9	4°46'08	20°50	23° 2	18°13	21°20	14°16	17°45	26°18	6°38	19°38	4° 5	2°49	9°43	13°59	F 23
S 24	2 29 5	5°46'35	4♌42	22°49	19°15	22° 5	14°26	17°49	26°16	6°38	19°40	4°D 5	2°46	9°50	14° 7	S 24
S 25	2 33 2	6°47'04	18°45	22°27	20°18	22°51	14°37	17°53	26°14	6°39	19°42	4° 5	2°43	9°57	14°15	S 25
M26	2 36 58	7°47'35	3♍ 0	21°55	21°21	23°37	14°47	17°56	26°11	6°39	19°43	4° 6	2°40	10° 3	14°23	M26
T 27	2 40 55	8°48'07	17°25	21°12	22°24	24°22	14°57	18° 0	26° 9	6°39	19°45	4° 8	2°37	10°10	14°30	T 27
W28	2 44 51	9°48'42	1♎56	20°19	23°28	25° 8	15° 7	18° 4	26° 6	6°40	19°47	4°R 9	2°33	10°16	14°38	W28
T 29	2 48 48	10°49'18	16°30	19°17	24°32	25°54	15°17	18° 8	26° 4	6°40	19°49	4° 8	2°30	10°23	14°46	T 29
F 30	2 52 45	11°49'56	0♏59	18° 8	25°36	26°40	15°26	18°12	26° 2	6°41	19°50	4° 6	2°27	10°30	14°54	F 30
S 31	2 56 41	12♏50'36	15♏19	16♏51	26♍40	27♐26	15♍36	18♑17	25♉59	6♒41	19♐52	4♈ 1	2♈24	10♓36	15♏ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s 3	3s27	0s19	15s 2	2s 6	10n49	1s41	22s26	1s14	8n47	1n 4	22s50	0s20	19n25	0s12	18s57	0s15	18s14	4n55	1n49	1n36	11s 2	14s17	1n 2
F 2	5 27	10 26	1 39	15 33	2 12	10 40	1 33	22 34	1 14	8 42	1 4	22 50	0 20	19 24	0 12	18 57	0 15	18 14	4 54	1 48	1 34	10 59	14 19	1 3
S 3	5 50	16 44	2 52	16 4	2 17	10 30	1 24	22 43	1 14	8 38	1 4	22 50	0 20	19 24	0 12	18 57	0 15	18 14	4 54	1 48	1 33	10 56	14 21	1 3
S 4	6 13	21 58	3 52	16 34	2 22	10 19	1 17	22 50	1 15	8 34	1 4	22 50	0 20	19 24	0 12	18 57	0 15	18 15	4 54	1 48	1 32	10 52	14 24	1 3
M 5	6 36	25 50	4 37	17 3	2 27	10 8	1 9	22 58	1 15	8 29	1 4	22 49	0 20	19 23	0 12	18 57	0 15	18 15	4 54	1 47	1 30	10 49	14 26	1 3
T 6	6 59	28 8	5 5	17 31	2 32	9 56	1 1	23 5	1 15	8 25	1 4	22 49	0 20	19 23	0 12	18 57	0 15	18 15	4 53	1 46	1 29	10 46	14 28	1 3
W 7	7 22	28 50	5 16	17 57	2 36	9 44	0 54	23 13	1 15	8 21	1 5	22 49	0 20	19 22	0 12	18 57	0 15	18 16	4 53	1 46	1 28	10 43	14 30	1 4
T 8	7 45	27 59	5 12	18 23	2 40	9 31	0 46	23 20	1 16	8 16	1 5	22 49	0 20	19 22	0 12	18 57	0 15	18 16	4 53	1 45	1 27	10 39	14 32	1 4
F 9	8 8	25 47	4 54	18 46	2 43	9 18	0 39	23 26	1 16	8 12	1 5	22 48	0 20	19 22	0 12	18 57	0 15	18 16	4 53	1 45	1 25	10 36	14 34	1 4
S 10	8 31	22 28	4 23	19 9	2 46	9 4	0 32	23 33	1 16	8 8	1 5	22 48	0 20	19 21	0 12	18 57	0 15	18 17	4 53	1 46	1 24	10 33	14 36	1 4
S 11	8 53	18 16	3 41	19 30	2 49	8 50	0 25	23 39	1 16	8 4	1 5	22 48	0 20	19 21	0 12	18 57	0 15	18 17	4 52	1 46	1 23	10 30	14 38	1 4
M12	9 15	13 24	2 49	19 49	2 51	8 36	0 18	23 45	1 16	7 59	1 5	22 48	0 20	19 20	0 12	18 57	0 15	18 17	4 52	1 47	1 22	10 26	14 40	1 4
T 13	9 38	8 3	1 51	20 6	2 52	8 20	0 12	23 51	1 17	7 55	1 5	22 47	0 20	19 20	0 12	18 57	0 15	18 18	4 52	1 48	1 20	10 23	14 43	1 5
W14	10 0	2 24	0 48	20 22	2 53	8 5	0 5	23 56	1 17	7 51	1 6	22 47	0 20	19 19	0 12	18 57	0 15	18 18	4 52	1 48	1 19	10 20	14 45	1 5
T 15	10 22	3n24	0n18	20 35	2 53	7 49	0n 1	24 2	1 17	7 47	1 6	22 47	0 21	19 19	0 12	18 57	0 15	18 18	4 51	1 48	1 18	10 17	14 47	1 5
F 16	10 43	9 9	1 24	20 47	2 52	7 32	0 7	24 7	1 17	7 43	1 6	22 46	0 21	19 18	0 12	18 57	0 15	18 19	4 51	1 48	1 17	10 13	14 49	1 5
S 17	11 5	14 38	2 27	20 56	2 50	7 15	0 13	24 11	1 17	7 39	1 6	22 46	0 21	19 18	0 12	18 57	0 15	18 19	4 51	1 47	1 15	10 10	14 51	1 5
S 18	11 26	19 37	3 24	21 2	2 48	6 57	0 19	24 16	1 17	7 35	1 6	22 46	0 21	19 17	0 12	18 57	0 15	18 19	4 51	1 46	1 14	10 7	14 53	1 6
M19	11 48	23 49	4 11	21 6	2 44	6 40	0 25	24 20	1 18	7 31	1 6	22 45	0 21	19 17	0 12	18 57	0 15	18 20	4 51	1 44	1 13	10 3	14 55	1 6
T 20	12 9	26 53	4 47	21 7	2 39	6 21	0 31	24 24	1 18	7 27	1 7	22 45	0 21	19 16	0 12	18 57	0 15	18 20	4 50	1 42	1 11	10 0	14 57	1 6
W21	12 30	28 33	5 8	21 5	2 33	6 3	0 36	24 28	1 18	7 23	1 7	22 45	0 21	19 16	0 12	18 57	0 15	18 20	4 50	1 40	1 10	9 57	15 0	1 6
T 22	12 50	28 34	5 13	20 59	2 25	5 43	0 41	24 32	1 18	7 19	1 7	22 44	0 21	19 15	0 12	18 57	0 15	18 21	4 50	1 39	1 9	9 54	15 2	1 6
F 23	13 11	26 53	5 0	20 50	2 16	5 24	0 47	24 35	1 18	7 15	1 7	22 44	0 21	19 15	0 12	18 57	0 15	18 21	4 50	1 38	1 8	9 50	15 4	1 7
S 24	13 31	23 33	4 30	20 36	2 6	5 4	0 52	24 38	1 18	7 11	1 7	22 43	0 21	19 14	0 12	18 57	0 15	18 21	4 50	1 38	1 6	9 47	15 6	1 7
S 25	13 51	18 49	3 43	20 19	1 54	4 44	0 57	24 41	1 18	7 8	1 8	22 43	0 21	19 14	0 12	18 57	0 15	18 21	4 49	1 38	1 5	9 44	15 8	1 7
M26	14 11	12 58	2 42	19 57	1 40	4 23	1 1	24 43	1 18	7 4	1 8	22 42	0 21	19 13	0 12	18 57	0 15	18 22	4 49	1 38	1 4	9 40	15 10	1 7
T 27	14 31	6 23	1 30	19 31	1 24	4 2	1 6	24 45	1 18	7 0	1 8	22 42	0 21	19 12	0 11	18 57	0 15	18 22	4 49	1 39	1 3	9 37	15 12	1 7
W28	14 50	0s35	0 12	19 0	1 7	3 41	1 10	24 47	1 18	6 57	1 8	22 41	0 21	19 12	0 11	18 57	0 15	18 22	4 49	1 39	1 1	9 34	15 14	1 8
T 29	15 9	7 33	1s 7	18 25	0 49	3 20	1 15	24 49	1 18	6 53	1 8	22 41	0 21	19 11	0 11	18 56	0 15	18 23	4 49	1 39	1 0	9 31	15 16	1 8
F 30	15 28	14 5	2 21	17 47	0 29	2 58	1 19	24 50	1 19	6 49	1 9	22 40	0 21	19 11	0 11	18 56	0 15	18 23	4 48	1 38	0 59	9 27	15 18	1 8
S 31	15s47	19s47	3s25	17s 6	0s 9	2n36	1n23	24s51	1s19	6n46	1n 9	22s40	0s21	19n10	0s11	18s56	0s15	18s23	4n48	1n36	0n57	9s24	15s21	1n 8

Julian Day Number = 2093520.5, Delta T = 22m50s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'38, Lahiri = 10°11'38 Julian Calendar 1 Oct. 1019 == Greg. Calendar 7 Oct. 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

NOVEMBER 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 0 38	13♏51'17	29♏24	15°R31	27♍45	28♐12	15♍45	18♑21	25°R57	6♒42	19♐54	3°R55	2♈21	10♓43	15♏ 9	S 1
M 2	3 4 34	14°51'59	13♐ 9	14♏10	28°51	28°58	15°55	18°25	25♉54	6°43	19°56	3♈48	2°17	10°50	15°17	M 2
T 3	3 8 31	15°52'43	26°32	12°49	29°56	29°44	16° 4	18°30	25°52	6°43	19°58	3°41	2°14	10°56	15°25	T 3
W 4	3 12 27	16°53'28	9♑31	11°33	1♎ 2	0♑30	16°13	18°34	25°49	6°44	19°59	3°34	2°11	11° 3	15°33	W 4
T 5	3 16 24	17°54'15	22° 8	10°22	2° 8	1°16	16°22	18°39	25°47	6°45	20° 1	3°29	2° 8	11°10	15°41	T 5
F 6	3 20 20	18°55'02	4♒25	9°21	3°14	2° 2	16°31	18°43	25°44	6°46	20° 3	3°26	2° 5	11°16	15°48	F 6
S 7	3 24 17	19°55'50	16°28	8°29	4°21	2°49	16°40	18°48	25°42	6°46	20° 5	3°D25	2° 2	11°23	15°56	S 7
S 8	3 28 14	20°56'39	28°22	7°48	5°27	3°35	16°49	18°53	25°39	6°47	20° 7	3°25	1°58	11°30	16° 4	S 8
M 9	3 32 10	21°57'30	10♓10	7°19	6°34	4°21	16°57	18°58	25°37	6°48	20° 9	3°26	1°55	11°36	16°12	M 9
T 10	3 36 7	22°58'21	21°59	7° 1	7°42	5° 8	17° 6	19° 3	25°34	6°49	20°11	3°28	1°52	11°43	16°19	T 10
W11	3 40 3	23°59'13	3♈54	6°D55	8°49	5°54	17°14	19° 8	25°32	6°50	20°13	3°R28	1°49	11°50	16°27	W11
T 12	3 44 0	25° 0'06	15°59	6°59	9°57	6°41	17°23	19°13	25°29	6°51	20°15	3°27	1°46	11°56	16°35	T 12
F 13	3 47 56	26° 1'00	28°17	7°13	11° 5	7°27	17°31	19°18	25°26	6°52	20°17	3°24	1°43	12° 3	16°43	F 13
S 14	3 51 53	27° 1'55	10♉51	7°37	12°13	8°14	17°39	19°23	25°24	6°53	20°19	3°19	1°39	12°10	16°50	S 14
S 15	3 55 49	28° 2'51	23°43	8° 8	13°21	9° 0	17°46	19°29	25°21	6°54	20°21	3°11	1°36	12°16	16°58	S 15
M16	3 59 46	29° 3'48	6♊52	8°48	14°30	9°47	17°54	19°34	25°19	6°55	20°23	3° 1	1°33	12°23	17° 6	M16
T 17	4 3 43	0♐ 4'46	20°16	9°33	15°38	10°33	18° 2	19°39	25°16	6°56	20°25	2°51	1°30	12°30	17°13	T 17
W18	4 7 39	1° 5'46	3♋53	10°25	16°47	11°20	18° 9	19°45	25°14	6°57	20°27	2°41	1°27	12°36	17°21	W18
T 19	4 11 36	2° 6'46	17°40	11°21	17°56	12° 7	18°17	19°50	25°11	6°59	20°29	2°32	1°23	12°43	17°29	T 19
F 20	4 15 32	3° 7'47	1♌35	12°22	19° 5	12°53	18°24	19°56	25° 9	7° 0	20°31	2°26	1°20	12°50	17°36	F 20
S 21	4 19 29	4° 8'50	15°34	13°27	20°15	13°40	18°31	20° 2	25° 6	7° 1	20°34	2°22	1°17	12°56	17°44	S 21
S 22	4 23 25	5° 9'54	29°37	14°36	21°24	14°27	18°38	20° 7	25° 4	7° 2	20°36	2°D20	1°14	13° 3	17°51	S 22
M23	4 27 22	6°10'58	13♍43	15°47	22°34	15°14	18°44	20°13	25° 1	7° 4	20°38	2°20	1°11	13°10	17°59	M23
T 24	4 31 18	7°12'04	27°49	17° 1	23°44	16° 1	18°51	20°19	24°59	7° 5	20°40	2°R21	1° 8	13°16	18° 7	T 24
W25	4 35 15	8°13'10	11♎56	18°17	24°54	16°47	18°58	20°25	24°56	7° 6	20°42	2°20	1° 4	13°23	18°14	W25
T 26	4 39 12	9°14'18	26° 2	19°35	26° 4	17°34	19° 4	20°31	24°54	7° 8	20°44	2°18	1° 1	13°29	18°21	T 26
F 27	4 43 8	10°15'27	10♏ 4	20°54	27°14	18°21	19°10	20°37	24°51	7° 9	20°46	2°13	0°58	13°36	18°29	F 27
S 28	4 47 5	11°16'36	24° 0	22°16	28°25	19° 8	19°16	20°43	24°49	7°11	20°48	2° 5	0°55	13°43	18°36	S 28
S 29	4 51 1	12°17'46	7♐44	23°38	29°35	19°55	19°22	20°49	24°47	7°12	20°51	1°55	0°52	13°49	18°44	S 29
M30	4 54 58	13♐18'57	21♐14	25♏ 2	0♏46	20♑42	19♍28	20♑55	24♉44	7♒14	20♐53	1♈42	0♈49	13♓56	18♏51	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s 5	24s17	4s16	16s23	0n12	2n13	1n27	24s52	1s19	6n42	1n 9	22s39	0s21	19n10	0s11	18s56	0s15	18s24	4n48	1n34	0n56	9s21	15s23	1n 9
M 2	16 23	27 17	4 50	15 40	0 32	1 51	1 31	24 52	1 19	6 39	1 9	22 39	0 21	19 9	0 11	18 56	0 15	18 24	4 48	1 31	0 55	9 17	15 25	1 9
T 3	16 41	28 38	5 7	14 56	0 52	1 28	1 34	24 53	1 19	6 35	1 9	22 38	0 21	19 8	0 11	18 56	0 15	18 24	4 48	1 28	0 54	9 14	15 27	1 9
W 4	16 58	28 20	5 8	14 15	1 11	1 5	1 38	24 53	1 19	6 32	1 10	22 38	0 21	19 8	0 11	18 56	0 15	18 25	4 47	1 26	0 52	9 11	15 29	1 9
T 5	17 16	26 34	4 53	13 37	1 28	0 42	1 41	24 52	1 19	6 29	1 10	22 37	0 21	19 7	0 11	18 55	0 15	18 25	4 47	1 24	0 51	9 7	15 31	1 9
F 6	17 32	23 33	4 26	13 3	1 44	0 18	1 44	24 52	1 19	6 25	1 10	22 36	0 22	19 7	0 11	18 55	0 15	18 25	4 47	1 22	0 50	9 4	15 33	1 10
S 7	17 49	19 35	3 47	12 33	1 57	0s 6	1 47	24 51	1 19	6 22	1 10	22 36	0 22	19 6	0 11	18 55	0 15	18 26	4 47	1 22	0 49	9 1	15 35	1 10
S 8	18 5	14 53	2 58	12 9	2 9	0 30	1 50	24 50	1 19	6 19	1 10	22 35	0 22	19 6	0 11	18 55	0 15	18 26	4 47	1 22	0 47	8 57	15 37	1 10
M 9	18 21	9 41	2 3	11 51	2 18	0 54	1 53	24 48	1 18	6 16	1 11	22 35	0 22	19 5	0 11	18 55	0 15	18 26	4 47	1 22	0 46	8 54	15 39	1 10
T 10	18 37	4 8	1 2	11 38	2 25	1 18	1 56	24 46	1 18	6 12	1 11	22 34	0 22	19 4	0 11	18 54	0 15	18 27	4 46	1 23	0 45	8 51	15 41	1 11
W11	18 52	1n36	0n 2	11 31	2 31	1 42	1 58	24 44	1 18	6 9	1 11	22 33	0 22	19 4	0 11	18 54	0 15	18 27	4 46	1 23	0 44	8 48	15 43	1 11
T 12	19 7	7 21	1 7	11 29	2 34	2 7	2 1	24 42	1 18	6 6	1 11	22 33	0 22	19 3	0 11	18 54	0 15	18 27	4 46	1 23	0 42	8 44	15 45	1 11
F 13	19 22	12 56	2 9	11 32	2 36	2 31	2 3	24 40	1 18	6 3	1 11	22 32	0 22	19 3	0 11	18 54	0 15	18 28	4 46	1 22	0 41	8 41	15 47	1 11
S 14	19 36	18 7	3 7	11 39	2 37	2 56	2 5	24 37	1 18	6 0	1 12	22 31	0 22	19 2	0 11	18 53	0 15	18 28	4 46	1 19	0 40	8 38	15 49	1 12
S 15	19 50	22 37	3 56	11 50	2 36	3 21	2 7	24 34	1 18	5 58	1 12	22 30	0 22	19 1	0 11	18 53	0 15	18 28	4 46	1 16	0 38	8 34	15 51	1 12
M16	20 3	26 4	4 34	12 4	2 34	3 46	2 9	24 30	1 18	5 55	1 12	22 30	0 22	19 1	0 11	18 53	0 15	18 28	4 45	1 12	0 37	8 31	15 53	1 12
T 17	20 17	28 9	4 57	12 21	2 32	4 11	2 11	24 26	1 18	5 52	1 12	22 29	0 22	19 0	0 11	18 53	0 15	18 29	4 45	1 8	0 36	8 28	15 55	1 12
W18	20 29	28 35	5 4	12 41	2 28	4 36	2 12	24 22	1 18	5 49	1 13	22 28	0 22	19 0	0 11	18 52	0 15	18 29	4 45	1 4	0 35	8 24	15 57	1 13
T 19	20 42	27 15	4 54	13 3	2 23	5 1	2 14	24 18	1 18	5 47	1 13	22 28	0 22	18 59	0 11	18 52	0 15	18 29	4 45	1 1	0 33	8 21	15 58	1 13
F 20	20 54	24 14	4 26	13 26	2 18	5 26	2 15	24 14	1 17	5 44	1 13	22 27	0 22	18 58	0 11	18 52	0 15	18 30	4 45	0 58	0 32	8 18	16 0	1 13
S 21	21 5	19 47	3 43	13 51	2 13	5 51	2 16	24 9	1 17	5 41	1 13	22 26	0 22	18 58	0 11	18 51	0 15	18 30	4 45	0 57	0 31	8 14	16 2	1 13
S 22	21 17	14 14	2 45	14 17	2 7	6 16	2 17	24 4	1 17	5 39	1 14	22 25	0 22	18 57	0 11	18 51	0 15	18 30	4 45	0 56	0 30	8 11	16 4	1 14
M23	21 27	7 56	1 38	14 44	2 1	6 41	2 18	23 58	1 17	5 37	1 14	22 24	0 22	18 57	0 11	18 51	0 15	18 30	4 44	0 56	0 28	8 7	16 6	1 14
T 24	21 38	1 14	0 24	15 11	1 54	7 6	2 19	23 52	1 17	5 34	1 14	22 24	0 22	18 56	0 11	18 50	0 15	18 31	4 44	0 56	0 27	8 4	16 8	1 14
W25	21 48	5s32	0s51	15 39	1 47	7 31	2 20	23 47	1 17	5 32	1 14	22 23	0 22	18 55	0 11	18 50	0 15	18 31	4 44	0 56	0 26	8 1	16 10	1 14
T 26	21 57	12 1	2 3	16 7	1 40	7 56	2 20	23 40	1 17	5 30	1 15	22 22	0 23	18 55	0 11	18 50	0 15	18 31	4 44	0 55	0 24	7 57	16 11	1 15
F 27	22 6	17 51	3 6	16 35	1 33	8 21	2 21	23 34	1 16	5 27	1 15	22 21	0 23	18 54	0 11	18 49	0 15	18 32	4 44	0 53	0 23	7 54	16 13	1 15
S 28	22 15	22 43	3 58	17 3	1 25	8 46	2 21	23 27	1 16	5 25	1 15	22 20	0 23	18 54	0 11	18 49	0 15	18 32	4 44	0 50	0 22	7 51	16 15	1 15
S 29	22 23	26 15	4 35	17 32	1 18	9 11	2 21	23 20	1 16	5 23	1 15	22 19	0 23	18 53	0 11	18 49	0 15	18 32	4 44	0 46	0 21	7 47	16 17	1 15
M30	22s31	28s12	4s56	17s59	1n10	9s35	2n22	23s13	1s16	5n21	1n16	22s18	0s23	18n52	0s11	18s48	0s15	18s32	4n44	0n41	0n19	7s44	16s19	1n16

Julian Day Number = 2093551.5, Delta T = 22m50s
Ecliptic obliquity = 23°34'08, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'42, Lahiri = 10°11'43 Julian Calendar 1 Nov. 1019 == Greg. Calendar 7 Nov. 1019

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ASTRODIENST EPHEMERIS for the year 1019
geocentric

DECEMBER 1019 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 58 54	14♐20'08	4♑27	26♏26	1♏57	21♑29	19♍33	21♑ 1	24°R42	7♒15	20♐55	1°R29	0♈45	14♓ 3	18♏58	T 1
W 2	5 2 51	15°21'19	17°20	27°52	3° 8	22°16	19°39	21° 8	24♉40	7°17	20°57	1♈17	0°42	14° 9	19° 6	W 2
T 3	5 6 48	16°22'31	29°55	29°18	4°19	23° 3	19°44	21°14	24°37	7°18	20°59	1° 7	0°39	14°16	19°13	T 3
F 4	5 10 44	17°23'43	12♒12	0♐45	5°30	23°50	19°49	21°20	24°35	7°20	21° 1	0°59	0°36	14°23	19°20	F 4
S 5	5 14 41	18°24'55	24°15	2°12	6°41	24°37	19°54	21°27	24°33	7°21	21° 3	0°54	0°33	14°29	19°27	S 5
S 6	5 18 37	19°26'06	6♓ 8	3°40	7°52	25°24	19°58	21°33	24°30	7°23	21° 6	0°52	0°29	14°36	19°34	S 6
M 7	5 22 34	20°27'18	17°56	5° 9	9° 4	26°11	20° 3	21°39	24°28	7°25	21° 8	0°D51	0°26	14°43	19°41	M 7
T 8	5 26 30	21°28'30	29°45	6°38	10°15	26°59	20° 7	21°46	24°26	7°26	21°10	0°R51	0°23	14°49	19°48	T 8
W 9	5 30 27	22°29'42	11♈39	8° 7	11°27	27°46	20°12	21°52	24°24	7°28	21°12	0°51	0°20	14°56	19°55	W 9
T 10	5 34 23	23°30'53	23°45	9°37	12°39	28°33	20°16	21°59	24°22	7°30	21°14	0°49	0°17	15° 3	20° 2	T 10
F 11	5 38 20	24°32'05	6♉ 8	11° 8	13°50	29°20	20°19	22° 6	24°20	7°32	21°16	0°45	0°14	15° 9	20° 9	F 11
S 12	5 42 17	25°33'16	18°51	12°38	15° 2	0♒ 7	20°23	22°12	24°18	7°34	21°19	0°38	0°10	15°16	20°16	S 12
S 13	5 46 13	26°34'27	1♊55	14° 9	16°14	0°54	20°27	22°19	24°16	7°35	21°21	0°28	0° 7	15°23	20°23	S 13
M14	5 50 10	27°35'38	15°23	15°41	17°26	1°41	20°30	22°26	24°14	7°37	21°23	0°16	0° 4	15°29	20°30	M14
T 15	5 54 6	28°36'50	29°10	17°13	18°38	2°29	20°33	22°33	24°12	7°39	21°25	0° 3	0° 1	15°36	20°36	T 15
W16	5 58 3	29°38'01	13♋15	18°45	19°51	3°16	20°36	22°39	24°10	7°41	21°27	29♓50	29♓58	15°43	20°43	W16
T 17	6 1 59	0♑39'11	27°31	20°18	21° 3	4° 3	20°39	22°46	24° 8	7°43	21°29	29°39	29°55	15°49	20°49	T 17
F 18	6 5 56	1°40'22	11♌52	21°51	22°15	4°50	20°42	22°53	24° 6	7°45	21°32	29°30	29°51	15°56	20°56	F 18
S 19	6 9 52	2°41'33	26°13	23°24	23°28	5°37	20°44	23° 0	24° 4	7°47	21°34	29°24	29°48	16° 2	21° 2	S 19
S 20	6 13 49	3°42'44	10♍31	24°58	24°40	6°24	20°46	23° 7	24° 2	7°49	21°36	29°22	29°45	16° 9	21° 9	S 20
M21	6 17 46	4°43'54	24°42	26°32	25°53	7°12	20°48	23°14	24° 0	7°51	21°38	29°21	29°42	16°16	21°15	M21
T 22	6 21 42	5°45'05	8♎45	28° 7	27° 5	7°59	20°50	23°21	23°59	7°53	21°40	29°21	29°39	16°22	21°22	T 22
W23	6 25 39	6°46'16	22°39	29°42	28°18	8°46	20°52	23°28	23°57	7°55	21°42	29°20	29°35	16°29	21°28	W23
T 24	6 29 35	7°47'26	6♏26	1♑18	29°31	9°33	20°53	23°35	23°55	7°57	21°44	29°18	29°32	16°36	21°34	T 24
F 25	6 33 32	8°48'37	20° 4	2°54	0♐43	10°20	20°55	23°42	23°54	7°59	21°46	29°12	29°29	16°42	21°40	F 25
S 26	6 37 28	9°49'47	3♐33	4°30	1°56	11° 8	20°56	23°49	23°52	8° 1	21°48	29° 4	29°26	16°49	21°46	S 26
S 27	6 41 25	10°50'57	16°51	6° 7	3° 9	11°55	20°57	23°56	23°51	8° 3	21°51	28°53	29°23	16°56	21°52	S 27
M28	6 45 22	11°52'06	29°59	7°45	4°22	12°42	20°58	24° 3	23°49	8° 5	21°53	28°40	29°20	17° 2	21°58	M28
T 29	6 49 18	12°53'15	12♑52	9°23	5°35	13°29	20°58	24°10	23°48	8° 7	21°55	28°26	29°16	17° 9	22° 4	T 29
W30	6 53 15	13°54'24	25°32	11° 1	6°48	14°16	20°58	24°17	23°46	8° 9	21°57	28°13	29°13	17°16	22°10	W30
T 31	6 57 11	14♑55'31	7♒57	12♑41	8♐ 1	15♒ 3	20°R59	24♑24	23♉45	8♒11	21♐59	28♓ 2	29♓10	17♓22	22♏16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s39	28s30	5s 1	18s27	1n 3	10s 0	2n22	23s 5	1s16	5n19	1n16	22s17	0s23	18n52	0s11	18s48	0s15	18s33	4n43	0n36	0n18	7s41	16s20	1n16
W 2	22 46	27 14	4 50	18 54	0 55	10 24	2 22	22 57	1 15	5 17	1 16	22 16	0 23	18 51	0 11	18 47	0 15	18 33	4 43	0 31	0 17	7 37	16 22	1 16
T 3	22 52	24 35	4 25	19 20	0 47	10 48	2 21	22 49	1 15	5 16	1 16	22 16	0 23	18 51	0 11	18 47	0 15	18 33	4 43	0 27	0 16	7 34	16 24	1 17
F 4	22 58	20 52	3 48	19 46	0 40	11 12	2 21	22 41	1 15	5 14	1 17	22 15	0 23	18 50	0 11	18 47	0 15	18 33	4 43	0 24	0 14	7 31	16 25	1 17
S 5	23 4	16 21	3 1	20 11	0 32	11 36	2 21	22 32	1 15	5 12	1 17	22 14	0 23	18 50	0 11	18 46	0 15	18 34	4 43	0 22	0 13	7 27	16 27	1 17
S 6	23 9	11 17	2 7	20 36	0 25	12 0	2 20	22 23	1 14	5 11	1 17	22 13	0 23	18 49	0 11	18 46	0 15	18 34	4 43	0 21	0 12	7 24	16 29	1 17
M 7	23 13	5 50	1 8	20 59	0 17	12 23	2 20	22 14	1 14	5 9	1 18	22 12	0 23	18 49	0 11	18 45	0 15	18 34	4 43	0 20	0 11	7 20	16 30	1 18
T 8	23 18	0 12	0 6	21 22	0 10	12 47	2 19	22 5	1 14	5 7	1 18	22 11	0 23	18 48	0 11	18 45	0 15	18 34	4 43	0 20	0 9	7 17	16 32	1 18
W 9	23 21	5n30	0n57	21 44	0 3	13 10	2 18	21 55	1 14	5 6	1 18	22 10	0 23	18 48	0 11	18 44	0 15	18 35	4 43	0 20	0 8	7 14	16 34	1 18
T 10	23 25	11 6	1 58	22 5	0s 4	13 32	2 17	21 45	1 13	5 5	1 18	22 9	0 23	18 47	0 11	18 44	0 15	18 35	4 42	0 20	0 7	7 10	16 35	1 19
F 11	23 27	16 23	2 55	22 25	0 12	13 55	2 16	21 35	1 13	5 3	1 19	22 8	0 23	18 47	0 11	18 44	0 15	18 35	4 42	0 18	0 5	7 7	16 37	1 19
S 12	23 30	21 7	3 45	22 44	0 18	14 17	2 15	21 25	1 13	5 2	1 19	22 7	0 23	18 46	0 11	18 43	0 15	18 35	4 42	0 15	0 4	7 4	16 38	1 19
S 13	23 31	24 58	4 24	23 2	0 25	14 39	2 14	21 14	1 12	5 1	1 19	22 6	0 23	18 46	0 11	18 43	0 15	18 35	4 42	0 11	0 3	7 0	16 40	1 19
M14	23 33	27 34	4 50	23 19	0 32	15 0	2 13	21 4	1 12	5 0	1 20	22 5	0 23	18 45	0 11	18 42	0 15	18 36	4 42	0 6	0 2	6 57	16 41	1 20
T 15	23 34	28 34	5 0	23 35	0 38	15 22	2 11	20 53	1 12	4 59	1 20	22 4	0 24	18 45	0 11	18 42	0 15	18 36	4 42	0 1	0 0	6 53	16 43	1 20
W16	23 34	27 45	4 52	23 50	0 45	15 42	2 10	20 41	1 11	4 58	1 20	22 2	0 24	18 44	0 11	18 41	0 15	18 36	4 42	0s 4	0s 1	6 50	16 44	1 20
T 17	23 34	25 7	4 26	24 3	0 51	16 3	2 9	20 30	1 11	4 57	1 20	22 1	0 24	18 44	0 11	18 41	0 15	18 36	4 42	0 8	0 2	6 47	16 46	1 21
F 18	23 33	20 53	3 43	24 16	0 57	16 23	2 7	20 18	1 11	4 57	1 21	22 0	0 24	18 43	0 11	18 40	0 15	18 36	4 42	0 12	0 3	6 43	16 47	1 21
S 19	23 32	15 26	2 45	24 27	1 3	16 43	2 5	20 6	1 10	4 56	1 21	21 59	0 24	18 43	0 11	18 40	0 15	18 37	4 42	0 14	0 5	6 40	16 48	1 21
S 20	23 31	9 10	1 38	24 37	1 8	17 3	2 4	19 54	1 10	4 55	1 21	21 58	0 24	18 42	0 11	18 39	0 15	18 37	4 42	0 15	0 6	6 37	16 50	1 22
M21	23 29	2 30	0 25	24 45	1 14	17 22	2 2	19 42	1 10	4 55	1 22	21 57	0 24	18 42	0 11	18 39	0 15	18 37	4 42	0 16	0 7	6 33	16 51	1 22
T 22	23 27	4s15	0s50	24 52	1 19	17 40	2 0	19 29	1 9	4 54	1 22	21 56	0 24	18 42	0 11	18 38	0 15	18 37	4 42	0 16	0 9	6 30	16 53	1 22
W23	23 24	10 43	2 0	24 58	1 24	17 58	1 58	19 16	1 9	4 54	1 22	21 55	0 24	18 41	0 11	18 38	0 15	18 37	4 42	0 16	0 10	6 26	16 54	1 23
T 24	23 20	16 36	3 3	25 2	1 29	18 16	1 56	19 3	1 9	4 53	1 22	21 54	0 24	18 41	0 11	18 37	0 15	18 38	4 41	0 17	0 11	6 23	16 55	1 23
F 25	23 16	21 36	3 54	25 5	1 33	18 34	1 54	18 50	1 8	4 53	1 23	21 52	0 24	18 40	0 11	18 37	0 15	18 38	4 41	0 19	0 12	6 20	16 56	1 23
S 26	23 12	25 25	4 32	25 7	1 37	18 50	1 52	18 37	1 8	4 53	1 23	21 51	0 24	18 40	0 11	18 36	0 15	18 38	4 41	0 22	0 14	6 16	16 58	1 23
S 27	23 7	27 48	4 54	25 7	1 41	19 7	1 49	18 23	1 7	4 53	1 23	21 50	0 24	18 40	0 11	18 36	0 15	18 38	4 41	0 27	0 15	6 13	16 59	1 24
M28	23 2	28 35	5 0	25 5	1 45	19 23	1 47	18 10	1 7	4 53	1 24	21 49	0 24	18 39	0 11	18 35	0 15	18 38	4 41	0 32	0 16	6 9	17 0	1 24
T 29	22 56	27 46	4 51	25 2	1 49	19 38	1 45	17 56	1 7	4 53	1 24	21 48	0 24	18 39	0 11	18 35	0 15	18 39	4 41	0 38	0 17	6 6	17 1	1 24
W30	22 50	25 32	4 28	24 58	1 52	19 53	1 42	17 42	1 6	4 53	1 24	21 47	0 24	18 39	0 11	18 34	0 15	18 39	4 41	0 43	0 19	6 3	17 3	1 25
T 31	22s44	22s 6	3s52	24s52	1s54	20s 7	1n40	17s27	1s 6	4n53	1n24	21s45	0s25	18n38	0s11	18s33	0s15	18s39	4n41	0s47	0s20	5s59	17s 4	1n25

Julian Day Number = 2093581.5, Delta T = 22m49s
Ecliptic obliquity = 23°34'07, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'46, Lahiri = 10°11'47 Julian Calendar 1 Dec. 1019 == Greg. Calendar 7 Dec. 1019

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

JANUARY 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 1 8	15♉56'38	20♒ 9	14♉20	9♐14	15♒51	20°R59	24♉31	23°R44	8♒13	22♐ 1	27°R53	29♓ 7	17♓29	22♏21	F 1
S 2	7 5 4	16°57'44	2♓ 9	16° 1	10°27	16°38	20♍58	24°38	23♉43	8°15	22° 3	27♓47	29° 4	17°36	22°27	S 2
S 3	7 9 1	17°58'48	14° 0	17°41	11°40	17°25	20°58	24°46	23°41	8°18	22° 5	27°44	29° 1	17°42	22°32	S 3
M 4	7 12 57	18°59'52	25°47	19°23	12°54	18°12	20°57	24°53	23°40	8°20	22° 7	27°D43	28°57	17°49	22°38	M 4
T 5	7 16 54	20° 0'55	7♈34	21° 5	14° 7	18°59	20°57	25° 0	23°39	8°22	22° 9	27°43	28°54	17°55	22°43	T 5
W 6	7 20 51	21° 1'56	19°27	22°48	15°20	19°46	20°56	25° 7	23°38	8°24	22°11	27°R44	28°51	18° 2	22°49	W 6
T 7	7 24 47	22° 2'56	1♉32	24°31	16°33	20°33	20°54	25°14	23°37	8°26	22°13	27°43	28°48	18° 9	22°54	T 7
F 8	7 28 44	23° 3'55	13°53	26°15	17°47	21°20	20°53	25°21	23°36	8°29	22°15	27°41	28°45	18°15	22°59	F 8
S 9	7 32 40	24° 4'53	26°35	27°59	19° 0	22° 7	20°51	25°29	23°35	8°31	22°17	27°36	28°41	18°22	23° 4	S 9
S 10	7 36 37	25° 5'50	9♊43	29°44	20°14	22°54	20°50	25°36	23°34	8°33	22°18	27°29	28°38	18°29	23° 9	S 10
M11	7 40 33	26° 6'45	23°18	1♋30	21°27	23°41	20°48	25°43	23°33	8°35	22°20	27°20	28°35	18°35	23°14	M11
T 12	7 44 30	27° 7'39	7♋18	3°16	22°40	24°28	20°46	25°50	23°33	8°37	22°22	27°10	28°32	18°42	23°19	T 12
W13	7 48 26	28° 8'32	21°41	5° 2	23°54	25°15	20°43	25°57	23°32	8°40	22°24	27° 0	28°29	18°49	23°24	W13
T 14	7 52 23	29° 9'24	6♌20	6°49	25° 7	26° 2	20°41	26° 4	23°31	8°42	22°26	26°51	28°26	18°55	23°28	T 14
F 15	7 56 20	0♒10'14	21° 8	8°36	26°21	26°49	20°38	26°12	23°31	8°44	22°28	26°44	28°22	19° 2	23°33	F 15
S 16	8 0 16	1°11'04	5♍57	10°23	27°34	27°36	20°35	26°19	23°30	8°46	22°29	26°40	28°19	19° 9	23°37	S 16
S 17	8 4 13	2°11'52	20°39	12°10	28°48	28°23	20°32	26°26	23°30	8°49	22°31	26°D38	28°16	19°15	23°42	S 17
M18	8 8 9	3°12'39	5♎ 8	13°57	0♉ 2	29°10	20°29	26°33	23°29	8°51	22°33	26°39	28°13	19°22	23°46	M18
T 19	8 12 6	4°13'25	19°23	15°43	1°15	29°56	20°26	26°40	23°29	8°53	22°35	26°40	28°10	19°29	23°50	T 19
W20	8 16 2	5°14'10	3♏21	17°29	2°29	0♓43	20°22	26°47	23°28	8°56	22°36	26°R40	28° 7	19°35	23°54	W20
T 21	8 19 59	6°14'54	17° 2	19°14	3°42	1°30	20°18	26°55	23°28	8°58	22°38	26°40	28° 3	19°42	23°59	T 21
F 22	8 23 55	7°15'38	0♐28	20°58	4°56	2°17	20°14	27° 2	23°28	9° 0	22°40	26°37	28° 0	19°49	24° 3	F 22
S 23	8 27 52	8°16'20	13°39	22°40	6°10	3° 3	20°10	27° 9	23°28	9° 2	22°41	26°32	27°57	19°55	24° 6	S 23
S 24	8 31 49	9°17'00	26°36	24°20	7°23	3°50	20° 6	27°16	23°28	9° 5	22°43	26°26	27°54	20° 2	24°10	S 24
M25	8 35 45	10°17'40	9♉22	25°58	8°37	4°37	20° 1	27°23	23°28	9° 7	22°45	26°17	27°51	20° 8	24°14	M25
T 26	8 39 42	11°18'18	21°55	27°33	9°51	5°24	19°57	27°30	23°D28	9° 9	22°46	26° 9	27°47	20°15	24°18	T 26
W27	8 43 38	12°18'54	4♒17	29° 5	11° 5	6°10	19°52	27°37	23°28	9°12	22°48	26° 0	27°44	20°22	24°21	W27
T 28	8 47 35	13°19'29	16°29	0♓32	12°18	6°57	19°47	27°44	23°28	9°14	22°49	25°53	27°41	20°28	24°25	T 28
F 29	8 51 31	14°20'03	28°31	1°55	13°32	7°43	19°42	27°51	23°28	9°16	22°51	25°47	27°38	20°35	24°28	F 29
S 30	8 55 28	15°20'35	10♓25	3°12	14°46	8°30	19°37	27°58	23°28	9°18	22°52	25°44	27°35	20°42	24°31	S 30
S 31	8 59 24	16♒21'04	22♓14	4♓23	16♉ 0	9♓16	19♍31	28♉ 5	23♉28	9♒21	22♐54	25°D43	27♓32	20♓48	24♏34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22s37	17s47	3s 5	24s44	1s57	20s21	1n37	17s13	1s 5	4n54	1n25	21s44	0s25	18n38	0s11	18s33	0s15	18s39	4n41	0s51	0s21	5s56	17s 5	1n25	F 1
S 2	22 29	12 49	2 12	24 34	1 59	20 34	1 35	16 58	1 5	4 54	1 25	21 43	0 25	18 38	0 11	18 32	0 15	18 39	4 41	0 53	0 23	5 52	17 6	1 26	S 2
S 3	22 21	7 26	1 12	24 23	2 1	20 47	1 32	16 43	1 5	4 54	1 25	21 42	0 25	18 37	0 11	18 32	0 15	18 39	4 41	0 54	0 24	5 49	17 7	1 26	S 3
M 4	22 13	1 51	0 10	24 10	2 2	20 59	1 30	16 28	1 4	4 55	1 26	21 41	0 25	18 37	0 11	18 31	0 15	18 39	4 41	0 55	0 25	5 46	17 8	1 27	M 4
T 5	22 4	3n49	0n52	23 56	2 3	21 11	1 27	16 13	1 4	4 55	1 26	21 39	0 25	18 37	0 11	18 31	0 15	18 40	4 41	0 55	0 26	5 42	17 9	1 27	T 5
W 6	21 55	9 24	1 53	23 40	2 4	21 22	1 24	15 58	1 3	4 56	1 26	21 38	0 25	18 37	0 11	18 30	0 15	18 40	4 41	0 54	0 28	5 39	17 10	1 27	W 6
T 7	21 45	14 43	2 50	23 22	2 4	21 32	1 21	15 43	1 3	4 57	1 26	21 37	0 25	18 36	0 11	18 30	0 15	18 40	4 41	0 55	0 29	5 35	17 11	1 28	T 7
F 8	21 35	19 35	3 40	23 2	2 4	21 42	1 19	15 27	1 2	4 58	1 27	21 36	0 25	18 36	0 11	18 29	0 15	18 40	4 41	0 56	0 30	5 32	17 12	1 28	F 8
S 9	21 25	23 44	4 21	22 41	2 3	21 51	1 16	15 11	1 2	4 58	1 27	21 34	0 25	18 36	0 11	18 28	0 15	18 40	4 41	0 57	0 31	5 28	17 13	1 28	S 9
S 10	21 14	26 48	4 50	22 18	2 2	22 0	1 13	14 55	1 1	4 59	1 27	21 33	0 25	18 36	0 11	18 28	0 15	18 40	4 41	1 0	0 33	5 25	17 14	1 29	S 10
M11	21 2	28 27	5 4	21 53	2 0	22 7	1 10	14 39	1 1	5 0	1 28	21 32	0 25	18 36	0 11	18 27	0 15	18 40	4 41	1 4	0 34	5 22	17 15	1 29	M11
T 12	20 51	28 21	5 0	21 26	1 58	22 15	1 7	14 23	1 0	5 2	1 28	21 31	0 25	18 35	0 10	18 27	0 15	18 41	4 41	1 8	0 35	5 18	17 16	1 29	T 12
W13	20 39	26 22	4 37	20 58	1 55	22 21	1 4	14 7	1 0	5 3	1 28	21 29	0 25	18 35	0 10	18 26	0 15	18 41	4 41	1 12	0 36	5 15	17 16	1 30	W13
T 14	20 26	22 35	3 56	20 28	1 51	22 27	1 1	13 50	0 59	5 4	1 28	21 28	0 26	18 35	0 10	18 26	0 15	18 41	4 41	1 15	0 38	5 11	17 17	1 30	T 14
F 15	20 13	17 20	2 58	19 56	1 47	22 33	0 58	13 34	0 59	5 5	1 29	21 27	0 26	18 35	0 10	18 25	0 15	18 41	4 41	1 18	0 39	5 8	17 18	1 30	F 15
S 16	20 0	11 4	1 49	19 23	1 43	22 37	0 55	13 17	0 58	5 7	1 29	21 25	0 26	18 35	0 10	18 24	0 15	18 41	4 41	1 20	0 40	5 5	17 19	1 31	S 16
S 17	19 47	4 13	0 32	18 48	1 37	22 41	0 52	13 0	0 58	5 8	1 29	21 24	0 26	18 35	0 10	18 24	0 15	18 41	4 41	1 21	0 42	5 1	17 20	1 31	S 17
M18	19 33	2s45	0s46	18 11	1 31	22 45	0 49	12 43	0 57	5 10	1 29	21 23	0 26	18 35	0 10	18 23	0 15	18 41	4 41	1 21	0 43	4 58	17 20	1 32	M18
T 19	19 18	9 28	1 59	17 34	1 25	22 47	0 46	12 26	0 57	5 11	1 30	21 22	0 26	18 35	0 10	18 23	0 15	18 41	4 41	1 20	0 44	4 54	17 21	1 32	T 19
W20	19 4	15 35	3 4	16 54	1 17	22 49	0 43	12 9	0 56	5 13	1 30	21 20	0 26	18 35	0 10	18 22	0 15	18 41	4 41	1 20	0 45	4 51	17 22	1 32	W20
T 21	18 49	20 48	3 57	16 14	1 9	22 51	0 40	11 52	0 56	5 15	1 30	21 19	0 26	18 34	0 10	18 21	0 15	18 41	4 41	1 20	0 47	4 47	17 22	1 33	T 21
F 22	18 33	24 52	4 36	15 32	1 1	22 51	0 37	11 35	0 55	5 16	1 31	21 18	0 26	18 34	0 10	18 21	0 15	18 42	4 41	1 21	0 48	4 44	17 23	1 33	F 22
S 23	18 18	27 31	5 0	14 50	0 51	22 51	0 34	11 17	0 55	5 18	1 31	21 16	0 26	18 34	0 10	18 20	0 15	18 42	4 41	1 23	0 49	4 41	17 23	1 33	S 23
S 24	18 2	28 39	5 8	14 7	0 41	22 51	0 31	11 0	0 54	5 20	1 31	21 15	0 26	18 34	0 10	18 20	0 15	18 42	4 41	1 26	0 50	4 37	17 24	1 34	S 24
M25	17 45	28 13	5 0	13 24	0 30	22 49	0 28	10 42	0 54	5 22	1 31	21 14	0 26	18 34	0 10	18 19	0 15	18 42	4 41	1 29	0 52	4 34	17 25	1 34	M25
T 26	17 29	26 20	4 37	12 40	0 18	22 47	0 25	10 25	0 53	5 24	1 32	21 12	0 26	18 34	0 10	18 18	0 15	18 42	4 41	1 32	0 53	4 30	17 25	1 35	T 26
W27	17 12	23 13	4 2	11 56	0 5	22 44	0 22	10 7	0 53	5 26	1 32	21 11	0 27	18 34	0 10	18 18	0 15	18 42	4 41	1 36	0 54	4 27	17 26	1 35	W27
T 28	16 55	19 6	3 17	11 13	0n 8	22 41	0 19	9 49	0 52	5 28	1 32	21 10	0 27	18 34	0 10	18 17	0 15	18 42	4 41	1 39	0 56	4 23	17 26	1 35	T 28
F 29	16 37	14 17	2 22	10 31	0 22	22 37	0 16	9 31	0 52	5 31	1 32	21 8	0 27	18 35	0 10	18 17	0 15	18 42	4 41	1 41	0 57	4 20	17 26	1 36	F 29
S 30	16 19	8 58	1 22	9 50	0 36	22 32	0 13	9 13	0 51	5 33	1 32	21 7	0 27	18 35	0 10	18 16	0 15	18 42	4 41	1 42	0 58	4 16	17 27	1 36	S 30
S 31	16s 1	3s23	0s19	9s10	0n51	22s26	0n10	8s55	0s50	5n35	1n33	21s 6	0s27	18n35	0s10	18s15	0s15	18s42	4n41	1s43	0s59	4s13	17s27	1n37	S 31

Julian Day Number = 2093612.5, Delta T = 22m49s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'51, Lahiri = 10°11'51 Julian Calendar 1 Jan. 1020 == Greg. Calendar 7 Jan. 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

FEBRUARY 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 3 21	17♒21'32	4♈ 0	5♓27	17♉14	10♓ 3	19°R26	28♉12	23♉28	9♒23	22♐55	25♓43	27♓28	20♓55	24♏37	M 1
T 2	9 7 18	18°21'59	15°47	6°24	18°27	10°49	19♍20	28°19	23°29	9°25	22°57	25°44	27°25	21° 2	24°40	T 2
W 3	9 11 14	19°22'23	27°40	7°13	19°41	11°36	19°14	28°26	23°29	9°27	22°58	25°46	27°22	21° 8	24°43	W 3
T 4	9 15 11	20°22'45	9♉43	7°53	20°55	12°22	19° 9	28°33	23°30	9°30	22°59	25°47	27°19	21°15	24°46	T 4
F 5	9 19 7	21°23'06	22° 1	8°24	22° 9	13° 8	19° 2	28°40	23°30	9°32	23° 1	25°R48	27°16	21°22	24°49	F 5
S 6	9 23 4	22°23'24	4♊40	8°46	23°23	13°55	18°56	28°46	23°31	9°34	23° 2	25°47	27°13	21°28	24°51	S 6
S 7	9 27 0	23°23'40	17°42	8°58	24°36	14°41	18°50	28°53	23°31	9°36	23° 3	25°45	27° 9	21°35	24°54	S 7
M 8	9 30 57	24°23'55	1♋13	9°R 0	25°50	15°27	18°44	29° 0	23°32	9°39	23° 5	25°41	27° 6	21°41	24°56	M 8
T 9	9 34 53	25°24'07	15°11	8°53	27° 4	16°13	18°37	29° 7	23°33	9°41	23° 6	25°37	27° 3	21°48	24°58	T 9
W10	9 38 50	26°24'17	29°37	8°36	28°18	16°59	18°30	29°13	23°34	9°43	23° 7	25°33	27° 0	21°55	25° 0	W10
T 11	9 42 47	27°24'25	14♌24	8°11	29°32	17°46	18°24	29°20	23°34	9°45	23° 8	25°28	26°57	22° 1	25° 2	T 11
F 12	9 46 43	28°24'31	29°27	7°37	0♒46	18°32	18°17	29°26	23°35	9°47	23° 9	25°25	26°53	22° 8	25° 4	F 12
S 13	9 50 40	29°24'35	14♍35	6°56	2° 0	19°18	18°10	29°33	23°36	9°50	23°11	25°24	26°50	22°15	25° 6	S 13
S 14	9 54 36	0♓24'37	29°39	6° 8	3°13	20° 4	18° 3	29°40	23°37	9°52	23°12	25°D24	26°47	22°21	25° 8	S 14
M15	9 58 33	1°24'38	14♎32	5°16	4°27	20°50	17°56	29°46	23°38	9°54	23°13	25°24	26°44	22°28	25° 9	M15
T 16	10 2 29	2°24'37	29° 6	4°19	5°41	21°35	17°48	29°53	23°39	9°56	23°14	25°26	26°41	22°35	25°11	T 16
W17	10 6 26	3°24'34	13♏19	3°20	6°55	22°21	17°41	29°59	23°40	9°58	23°15	25°27	26°38	22°41	25°12	W17
T 18	10 10 22	4°24'29	27° 8	2°21	8° 9	23° 7	17°34	0♒ 5	23°42	10° 0	23°16	25°28	26°34	22°48	25°14	T 18
F 19	10 14 19	5°24'23	10♐34	1°21	9°23	23°53	17°26	0°12	23°43	10° 2	23°17	25°R28	26°31	22°55	25°15	F 19
S 20	10 18 16	6°24'15	23°39	0°23	10°37	24°39	17°19	0°18	23°44	10° 4	23°18	25°27	26°28	23° 1	25°16	S 20
S 21	10 22 12	7°24'06	6♑26	29♒28	11°51	25°24	17°11	0°24	23°45	10° 7	23°19	25°25	26°25	23° 8	25°17	S 21
M22	10 26 9	8°23'55	18°57	28°37	13° 5	26°10	17° 4	0°30	23°47	10° 9	23°19	25°23	26°22	23°15	25°18	M22
T 23	10 30 5	9°23'42	1♒15	27°50	14°19	26°56	16°56	0°37	23°48	10°11	23°20	25°21	26°19	23°21	25°19	T 23
W24	10 34 2	10°23'27	13°23	27° 8	15°32	27°41	16°49	0°43	23°50	10°13	23°21	25°18	26°15	23°28	25°20	W24
T 25	10 37 58	11°23'10	25°22	26°32	16°46	28°27	16°41	0°49	23°51	10°15	23°22	25°16	26°12	23°34	25°20	T 25
F 26	10 41 55	12°22'50	7♓15	26° 2	18° 0	29°12	16°33	0°55	23°53	10°17	23°23	25°15	26° 9	23°41	25°21	F 26
S 27	10 45 51	13°22'29	19° 4	25°38	19°14	29°58	16°25	1° 1	23°54	10°19	23°23	25°14	26° 6	23°48	25°21	S 27
S 28	10 49 48	14°22'06	0♈51	25°21	20°28	0♈43	16°18	1° 7	23°56	10°21	23°24	25°D14	26° 3	23°54	25°21	S 28
M29	10 53 45	15♓21'41	12♈39	25♒10	21♒42	1♈29	16♍10	1♒12	23♉58	10♒23	23♐25	25♓15	25♓59	24♓ 1	25♏21	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s43	2n17	0n45	8s32	1n 6	22s20	0n 7	8s37	0s50	5n38	1n33	21s 4	0s27	18n35	0s10	18s15	0s15	18s42	4n41	1s43	1s 1	4s10	17s28	1n37
T 2	15 24	7 54	1 47	7 57	1 22	22 13	0 4	8 19	0 49	5 40	1 33	21 3	0 27	18 35	0 10	18 14	0 15	18 42	4 41	1 42	1 2	4 6	17 28	1 37
W 3	15 5	13 16	2 46	7 24	1 37	22 6	0 1	8 0	0 49	5 43	1 33	21 2	0 27	18 35	0 10	18 14	0 15	18 42	4 41	1 41	1 3	4 3	17 28	1 38
T 4	14 46	18 14	3 37	6 55	1 53	21 58	0s 2	7 42	0 48	5 45	1 33	21 0	0 27	18 35	0 10	18 13	0 15	18 42	4 41	1 41	1 4	3 59	17 28	1 38
F 5	14 27	22 34	4 20	6 29	2 8	21 49	0 5	7 24	0 48	5 48	1 34	20 59	0 27	18 35	0 10	18 12	0 15	18 42	4 41	1 41	1 6	3 56	17 29	1 39
S 6	14 7	25 58	4 52	6 7	2 23	21 39	0 8	7 5	0 47	5 50	1 34	20 58	0 27	18 35	0 10	18 12	0 15	18 42	4 41	1 41	1 7	3 52	17 29	1 39
S 7	13 48	28 8	5 10	5 50	2 37	21 29	0 10	6 47	0 47	5 53	1 34	20 57	0 28	18 36	0 10	18 11	0 15	18 43	4 41	1 42	1 8	3 49	17 29	1 39
M 8	13 28	28 45	5 12	5 36	2 50	21 19	0 13	6 28	0 46	5 56	1 34	20 55	0 28	18 36	0 10	18 11	0 15	18 43	4 41	1 43	1 9	3 46	17 29	1 40
T 9	13 7	27 35	4 55	5 28	3 3	21 7	0 16	6 10	0 45	5 58	1 34	20 54	0 28	18 36	0 10	18 10	0 15	18 43	4 41	1 45	1 11	3 42	17 29	1 40
W10	12 47	24 34	4 20	5 23	3 14	20 55	0 19	5 51	0 45	6 1	1 35	20 53	0 28	18 36	0 10	18 10	0 15	18 43	4 41	1 47	1 12	3 39	17 30	1 41
T 11	12 26	19 53	3 26	5 24	3 24	20 43	0 21	5 32	0 44	6 4	1 35	20 51	0 28	18 36	0 10	18 9	0 15	18 43	4 41	1 48	1 13	3 35	17 30	1 41
F 12	12 5	13 53	2 18	5 29	3 32	20 29	0 24	5 14	0 44	6 7	1 35	20 50	0 28	18 37	0 10	18 8	0 15	18 43	4 41	1 50	1 15	3 32	17 30	1 41
S 13	11 44	7 1	0 59	5 38	3 38	20 16	0 27	4 55	0 43	6 10	1 35	20 49	0 28	18 37	0 10	18 8	0 15	18 43	4 41	1 50	1 16	3 28	17 30	1 42
S 14	11 23	0s13	0s23	5 52	3 42	20 1	0 29	4 36	0 42	6 13	1 35	20 47	0 28	18 37	0 10	18 7	0 15	18 43	4 41	1 50	1 17	3 25	17 30	1 42
M15	11 2	7 21	1 44	6 9	3 45	19 46	0 32	4 18	0 42	6 16	1 35	20 46	0 28	18 37	0 10	18 7	0 15	18 43	4 41	1 50	1 18	3 21	17 30	1 43
T 16	10 40	13 57	2 55	6 29	3 45	19 31	0 35	3 59	0 41	6 18	1 35	20 45	0 28	18 38	0 10	18 6	0 15	18 43	4 41	1 50	1 20	3 18	17 30	1 43
W17	10 19	19 38	3 54	6 52	3 43	19 14	0 37	3 40	0 41	6 21	1 36	20 44	0 28	18 38	0 10	18 6	0 15	18 43	4 41	1 49	1 21	3 15	17 30	1 44
T 18	9 57	24 8	4 38	7 17	3 39	18 58	0 39	3 21	0 40	6 24	1 36	20 42	0 29	18 38	0 10	18 5	0 15	18 43	4 41	1 49	1 22	3 11	17 30	1 44
F 19	9 35	27 11	5 5	7 44	3 33	18 41	0 42	3 3	0 39	6 27	1 36	20 41	0 29	18 39	0 10	18 4	0 15	18 43	4 41	1 49	1 23	3 8	17 29	1 44
S 20	9 13	28 40	5 16	8 12	3 25	18 23	0 44	2 44	0 39	6 31	1 36	20 40	0 29	18 39	0 10	18 4	0 16	18 43	4 41	1 49	1 25	3 4	17 29	1 45
S 21	8 50	28 34	5 10	8 40	3 16	18 4	0 47	2 25	0 38	6 34	1 36	20 39	0 29	18 39	0 10	18 3	0 16	18 43	4 42	1 50	1 26	3 1	17 29	1 45
M22	8 28	27 0	4 50	9 7	3 5	17 46	0 49	2 6	0 38	6 37	1 36	20 37	0 29	18 40	0 10	18 3	0 16	18 43	4 42	1 51	1 27	2 57	17 29	1 46
T 23	8 5	24 9	4 16	9 35	2 53	17 26	0 51	1 47	0 37	6 40	1 36	20 36	0 29	18 40	0 10	18 2	0 16	18 43	4 42	1 52	1 29	2 54	17 29	1 46
W24	7 43	20 16	3 32	10 1	2 41	17 7	0 53	1 29	0 36	6 43	1 36	20 35	0 29	18 40	0 10	18 2	0 16	18 43	4 42	1 53	1 30	2 50	17 29	1 46
T 25	7 20	15 37	2 38	10 26	2 27	16 46	0 55	1 10	0 36	6 46	1 36	20 34	0 29	18 41	0 10	18 1	0 16	18 43	4 42	1 53	1 31	2 47	17 28	1 47
F 26	6 57	10 25	1 38	10 49	2 13	16 26	0 57	0 51	0 35	6 49	1 36	20 32	0 29	18 41	0 10	18 1	0 16	18 43	4 42	1 54	1 32	2 43	17 28	1 47
S 27	6 34	4 52	0 34	11 11	1 58	16 4	0 59	0 32	0 34	6 52	1 37	20 31	0 29	18 42	0 10	18 0	0 16	18 43	4 42	1 54	1 34	2 40	17 28	1 48
S 28	6 11	0n49	0n31	11 31	1 44	15 43	1 1	0 14	0 34	6 55	1 37	20 30	0 30	18 42	0 10	18 0	0 16	18 43	4 42	1 54	1 35	2 37	17 27	1 48
M29	5s48	6n29	1n35	11s49	1n29	15s21	1s 3	0n 5	0s33	6n58	1n37	20s29	0s30	18n43	0s10	17s59	0s16	18s43	4n42	1s54	1s36	2s33	17s27	1n49

Julian Day Number = 2093643.5, Delta T = 22m49s
Ecliptic obliquity = 23°34'08, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'55, Lahiri = 10°11'55 Julian Calendar 1 Feb. 1020 == Greg. Calendar 7 Feb. 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

MARCH 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 57 41	16♓21'13	24♈29	25°D 4	22♒56	2♈14	16°R 2	1♒18	23♉59	10♒25	23♐25	25♓15	25♓56	24♓ 8	25°R22	T 1
W 2	11 1 38	17°20'44	6♉25	25♒ 5	24°10	2°59	15♍54	1°24	24° 1	10°27	23°26	25°16	25°53	24°14	25♏21	W 2
T 3	11 5 34	18°20'12	18°31	25°11	25°24	3°44	15°46	1°30	24° 3	10°28	23°26	25°17	25°50	24°21	25°21	T 3
F 4	11 9 31	19°19'37	0♊50	25°23	26°38	4°30	15°39	1°35	24° 5	10°30	23°27	25°18	25°47	24°28	25°21	F 4
S 5	11 13 27	20°19'01	13°27	25°41	27°51	5°15	15°31	1°41	24° 7	10°32	23°27	25°18	25°44	24°34	25°21	S 5
S 6	11 17 24	21°18'22	26°24	26° 3	29° 5	6° 0	15°23	1°46	24° 9	10°34	23°28	25°R18	25°40	24°41	25°20	S 6
M 7	11 21 20	22°17'41	9♋46	26°30	0♓19	6°45	15°16	1°52	24°11	10°36	23°28	25°18	25°37	24°48	25°20	M 7
T 8	11 25 17	23°16'57	23°34	27° 1	1°33	7°30	15° 8	1°57	24°13	10°38	23°29	25°18	25°34	24°54	25°19	T 8
W 9	11 29 14	24°16'11	7♌49	27°37	2°47	8°15	15° 0	2° 2	24°15	10°39	23°29	25°17	25°31	25° 1	25°18	W 9
T 10	11 33 10	25°15'23	22°29	28°16	4° 1	9° 0	14°53	2° 8	24°17	10°41	23°29	25°D17	25°28	25° 7	25°18	T 10
F 11	11 37 7	26°14'32	7♍27	28°59	5°15	9°44	14°45	2°13	24°19	10°43	23°30	25°17	25°24	25°14	25°17	F 11
S 12	11 41 3	27°13'39	22°38	29°46	6°28	10°29	14°38	2°18	24°22	10°45	23°30	25°R17	25°21	25°21	25°16	S 12
S 13	11 45 0	28°12'44	7♎52	0♓37	7°42	11°14	14°30	2°23	24°24	10°46	23°30	25°17	25°18	25°27	25°14	S 13
M14	11 48 56	29°11'46	22°58	1°30	8°56	11°59	14°23	2°28	24°26	10°48	23°30	25°17	25°15	25°34	25°13	M14
T 15	11 52 53	0♈10'47	7♏49	2°27	10°10	12°43	14°16	2°33	24°29	10°50	23°31	25°17	25°12	25°41	25°12	T 15
W16	11 56 49	1° 9'46	22°18	3°26	11°24	13°28	14° 9	2°38	24°31	10°51	23°31	25°16	25° 9	25°47	25°10	W16
T 17	12 0 46	2° 8'44	6♐20	4°28	12°38	14°12	14° 1	2°43	24°33	10°53	23°31	25°15	25° 5	25°54	25° 9	T 17
F 18	12 4 43	3° 7'39	19°55	5°33	13°52	14°57	13°54	2°47	24°36	10°55	23°31	25°15	25° 2	26° 1	25° 7	F 18
S 19	12 8 39	4° 6'33	3♑ 4	6°40	15° 5	15°41	13°48	2°52	24°38	10°56	23°31	25°D15	24°59	26° 7	25° 6	S 19
S 20	12 12 36	5° 5'25	15°50	7°50	16°19	16°26	13°41	2°57	24°41	10°58	23°R31	25°15	24°56	26°14	25° 4	S 20
M21	12 16 32	6° 4'15	28°16	9° 2	17°33	17°10	13°34	3° 1	24°43	10°59	23°31	25°16	24°53	26°21	25° 2	M21
T 22	12 20 29	7° 3'04	10♒27	10°16	18°47	17°54	13°27	3° 6	24°46	11° 1	23°31	25°17	24°50	26°27	25° 0	T 22
W23	12 24 25	8° 1'50	22°26	11°32	20° 1	18°39	13°21	3°10	24°49	11° 2	23°31	25°18	24°46	26°34	24°58	W23
T 24	12 28 22	9° 0'35	4♓18	12°50	21°15	19°23	13°14	3°14	24°51	11° 3	23°31	25°19	24°43	26°41	24°56	T 24
F 25	12 32 18	9°59'17	16° 6	14°10	22°28	20° 7	13° 8	3°18	24°54	11° 5	23°31	25°20	24°40	26°47	24°53	F 25
S 26	12 36 15	10°57'58	27°52	15°33	23°42	20°51	13° 2	3°22	24°57	11° 6	23°30	25°R20	24°37	26°54	24°51	S 26
S 27	12 40 11	11°56'37	9♈40	16°57	24°56	21°35	12°56	3°27	25° 0	11° 8	23°30	25°19	24°34	27° 0	24°49	S 27
M28	12 44 8	12°55'14	21°32	18°23	26°10	22°19	12°50	3°30	25° 2	11° 9	23°30	25°18	24°30	27° 7	24°46	M28
T 29	12 48 5	13°53'49	3♉29	19°51	27°24	23° 3	12°44	3°34	25° 5	11°10	23°30	25°15	24°27	27°14	24°43	T 29
W30	12 52 1	14°52'22	15°35	21°20	28°37	23°47	12°38	3°38	25° 8	11°11	23°29	25°13	24°24	27°20	24°41	W30
T 31	12 55 58	15♈50'53	27♉50	22♓52	29♓51	24♈31	12♍33	3♒42	25♉11	11♒13	23♐29	25♓ 9	24♓21	27♓27	24♏38	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s25	11n57	2n35	12s 4	1n14	14s58	1s 5	0n24	0s33	7n 1	1n37	20s28	0s30	18n43	0s10	17s59	0s16	18s43	4n42	1s54	1s37	2s30	17s26	1n49
W 2	5 2	17 1	3 29	12 18	1 0	14 35	1 7	0 42	0 32	7 4	1 37	20 26	0 30	18 43	0 10	17 58	0 16	18 43	4 42	1 53	1 39	2 26	17 26	1 49
T 3	4 38	21 30	4 15	12 29	0 45	14 12	1 8	1 1	0 31	7 7	1 37	20 25	0 30	18 44	0 10	17 58	0 16	18 43	4 42	1 53	1 40	2 23	17 26	1 50
F 4	4 15	25 9	4 49	12 38	0 31	13 48	1 10	1 20	0 31	7 10	1 37	20 24	0 30	18 44	0 10	17 57	0 16	18 43	4 42	1 53	1 41	2 19	17 25	1 50
S 5	3 51	27 41	5 11	12 45	0 18	13 24	1 12	1 38	0 30	7 13	1 37	20 23	0 30	18 45	0 10	17 57	0 16	18 43	4 42	1 53	1 42	2 16	17 25	1 51
S 6	3 28	28 49	5 18	12 50	0 4	13 0	1 13	1 57	0 29	7 17	1 37	20 22	0 30	18 45	0 10	17 56	0 16	18 43	4 42	1 53	1 44	2 12	17 24	1 51
M 7	3 4	28 19	5 8	12 53	0s 8	12 35	1 15	2 15	0 29	7 19	1 37	20 21	0 30	18 46	0 10	17 56	0 16	18 42	4 42	1 53	1 45	2 9	17 24	1 52
T 8	2 41	26 6	4 40	12 54	0 21	12 10	1 16	2 34	0 28	7 22	1 37	20 20	0 31	18 46	0 9	17 55	0 16	18 42	4 42	1 53	1 46	2 5	17 23	1 52
W 9	2 17	22 11	3 55	12 52	0 32	11 44	1 17	2 52	0 27	7 25	1 37	20 19	0 31	18 47	0 9	17 55	0 16	18 42	4 42	1 53	1 48	2 2	17 22	1 52
T 10	1 54	16 49	2 53	12 49	0 44	11 19	1 19	3 10	0 27	7 28	1 37	20 18	0 31	18 48	0 9	17 54	0 16	18 42	4 42	1 53	1 49	1 59	17 22	1 53
F 11	1 30	10 20	1 38	12 44	0 54	10 53	1 20	3 29	0 26	7 31	1 37	20 16	0 31	18 48	0 9	17 54	0 16	18 42	4 42	1 53	1 50	1 55	17 21	1 53
S 12	1 7	3 10	0 15	12 37	1 5	10 26	1 21	3 47	0 26	7 34	1 37	20 15	0 31	18 49	0 9	17 53	0 16	18 42	4 43	1 53	1 51	1 52	17 21	1 54
S 13	0 43	4s12	1s 9	12 28	1 14	10 0	1 22	4 5	0 25	7 37	1 37	20 14	0 31	18 49	0 9	17 53	0 16	18 42	4 43	1 53	1 53	1 48	17 20	1 54
M14	0 19	11 16	2 28	12 18	1 23	9 33	1 23	4 23	0 24	7 40	1 37	20 13	0 31	18 50	0 9	17 52	0 16	18 42	4 43	1 53	1 54	1 45	17 19	1 55
T 15	0n 4	17 35	3 35	12 5	1 32	9 6	1 24	4 41	0 24	7 43	1 37	20 12	0 31	18 50	0 9	17 52	0 16	18 42	4 43	1 53	1 55	1 41	17 18	1 55
W16	0 28	22 44	4 27	11 51	1 40	8 38	1 25	4 59	0 23	7 45	1 36	20 11	0 31	18 51	0 9	17 52	0 16	18 42	4 43	1 53	1 56	1 38	17 18	1 55
T 17	0 51	26 25	5 1	11 35	1 47	8 11	1 26	5 17	0 22	7 48	1 36	20 10	0 32	18 52	0 9	17 51	0 16	18 42	4 43	1 54	1 58	1 34	17 17	1 56
F 18	1 15	28 26	5 16	11 18	1 54	7 43	1 27	5 35	0 22	7 51	1 36	20 9	0 32	18 52	0 9	17 51	0 16	18 42	4 43	1 54	1 59	1 31	17 16	1 56
S 19	1 38	28 47	5 15	10 59	2 1	7 15	1 27	5 53	0 21	7 53	1 36	20 8	0 32	18 53	0 9	17 50	0 16	18 42	4 43	1 54	2 0	1 27	17 15	1 57
S 20	2 2	27 33	4 57	10 38	2 6	6 46	1 28	6 11	0 20	7 56	1 36	20 7	0 32	18 53	0 9	17 50	0 16	18 42	4 43	1 54	2 1	1 24	17 14	1 57
M21	2 25	24 58	4 27	10 16	2 12	6 18	1 28	6 28	0 20	7 58	1 36	20 7	0 32	18 54	0 9	17 49	0 16	18 42	4 43	1 54	2 3	1 20	17 14	1 57
T 22	2 49	21 18	3 44	9 52	2 16	5 49	1 29	6 46	0 19	8 1	1 36	20 6	0 32	18 55	0 9	17 49	0 16	18 42	4 43	1 53	2 4	1 17	17 13	1 58
W23	3 12	16 49	2 53	9 27	2 21	5 21	1 29	7 4	0 19	8 3	1 36	20 5	0 32	18 55	0 9	17 49	0 16	18 42	4 43	1 53	2 5	1 14	17 12	1 58
T 24	3 35	11 45	1 54	9 0	2 24	4 52	1 30	7 21	0 18	8 6	1 36	20 4	0 32	18 56	0 9	17 48	0 16	18 42	4 43	1 52	2 7	1 10	17 11	1 59
F 25	3 59	6 18	0 51	8 32	2 27	4 23	1 30	7 38	0 17	8 8	1 36	20 3	0 33	18 57	0 9	17 48	0 16	18 42	4 43	1 52	2 8	1 7	17 10	1 59
S 26	4 22	0 38	0n14	8 2	2 30	3 53	1 30	7 56	0 17	8 10	1 36	20 2	0 33	18 57	0 9	17 48	0 16	18 42	4 43	1 52	2 9	1 3	17 9	1 59
S 27	4 45	5n 3	1 19	7 31	2 32	3 24	1 30	8 13	0 16	8 12	1 35	20 1	0 33	18 58	0 9	17 47	0 16	18 42	4 43	1 52	2 10	1 0	17 8	2 0
M28	5 8	10 36	2 20	6 58	2 34	2 55	1 30	8 30	0 15	8 15	1 35	20 1	0 33	18 59	0 9	17 47	0 16	18 42	4 43	1 53	2 12	0 56	17 7	2 0
T 29	5 31	15 48	3 16	6 25	2 35	2 25	1 30	8 47	0 15	8 17	1 35	20 0	0 33	19 0	0 9	17 47	0 16	18 42	4 43	1 54	2 13	0 53	17 6	2 1
W30	5 53	20 28	4 3	5 50	2 35	1 56	1 30	9 4	0 14	8 19	1 35	19 59	0 33	19 0	0 9	17 46	0 16	18 41	4 43	1 55	2 14	0 49	17 5	2 1
T 31	6n16	24n19	4n40	5s13	2s35	1s26	1s30	9n21	0s13	8n21	1n35	19s58	0s33	19n 1	0s 9	17s46	0s16	18s41	4n43	1s56	2s15	0s46	17s 4	2n 1

Julian Day Number = 2093672.5, Delta T = 22m48s
Ecliptic obliquity = 23°34'08, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°04'59, Lahiri = 10°11'59 Julian Calendar 1 March 1020 == Greg. Calendar 7 March 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

APRIL 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 59 54	16♈49'22	10♊17	24♓25	1♈ 5	25♈15	12°R27	3♒45	25♉14	11♒14	23°R29	25°R 6	24♓18	27♓34	24°R35	F 1
S 2	13 3 51	17°47'48	22°58	26° 0	2°19	25°58	12♍22	3°49	25°17	11°15	23♐28	25♓ 4	24°15	27°40	24♏32	S 2
S 3	13 7 47	18°46'13	5♋57	27°36	3°33	26°42	12°17	3°53	25°20	11°16	23°28	25° 2	24°11	27°47	24°29	S 3
M 4	13 11 44	19°44'35	19°14	29°15	4°46	27°26	12°12	3°56	25°23	11°17	23°28	25°D 1	24° 8	27°54	24°26	M 4
T 5	13 15 40	20°42'55	2♌53	0♈55	6° 0	28° 9	12° 7	3°59	25°26	11°18	23°27	25° 2	24° 5	28° 0	24°23	T 5
W 6	13 19 37	21°41'13	16°54	2°37	7°14	28°53	12° 3	4° 2	25°29	11°19	23°27	25° 3	24° 2	28° 7	24°20	W 6
T 7	13 23 34	22°39'29	1♍17	4°20	8°27	29°36	11°58	4° 6	25°32	11°20	23°26	25° 4	23°59	28°14	24°17	T 7
F 8	13 27 30	23°37'43	16° 0	6° 6	9°41	0♉20	11°54	4° 9	25°35	11°21	23°26	25° 6	23°56	28°20	24°13	F 8
S 9	13 31 27	24°35'54	0♎57	7°53	10°55	1° 3	11°50	4°11	25°38	11°22	23°25	25°R 6	23°52	28°27	24°10	S 9
S 10	13 35 23	25°34'04	16° 2	9°42	12° 9	1°47	11°46	4°14	25°41	11°23	23°24	25° 4	23°49	28°33	24° 7	S 10
M11	13 39 20	26°32'12	1♏ 6	11°32	13°22	2°30	11°42	4°17	25°44	11°24	23°24	25° 2	23°46	28°40	24° 3	M11
T 12	13 43 16	27°30'18	16° 0	13°25	14°36	3°13	11°38	4°20	25°48	11°25	23°23	24°58	23°43	28°47	24° 0	T 12
W13	13 47 13	28°28'23	0♐35	15°19	15°50	3°56	11°35	4°22	25°51	11°26	23°22	24°53	23°40	28°53	23°56	W13
T 14	13 51 9	29°26'26	14°46	17°15	17° 3	4°39	11°31	4°25	25°54	11°27	23°22	24°48	23°36	29° 0	23°52	T 14
F 15	13 55 6	0♑24'27	28°29	19°13	18°17	5°22	11°28	4°27	25°57	11°28	23°21	24°43	23°33	29° 7	23°49	F 15
S 16	13 59 3	1°22'28	11♑45	21°12	19°31	6° 5	11°25	4°30	26° 1	11°28	23°20	24°40	23°30	29°13	23°45	S 16
S 17	14 2 59	2°20'26	24°35	23°13	20°45	6°48	11°22	4°32	26° 4	11°29	23°19	24°38	23°27	29°20	23°41	S 17
M18	14 6 56	3°18'24	7♒ 2	25°16	21°58	7°31	11°20	4°34	26° 7	11°30	23°19	24°D38	23°24	29°27	23°37	M18
T 19	14 10 52	4°16'20	19°12	27°20	23°12	8°14	11°17	4°36	26°11	11°30	23°18	24°39	23°21	29°33	23°33	T 19
W20	14 14 49	5°14'14	1♓ 9	29°26	24°26	8°57	11°15	4°38	26°14	11°31	23°17	24°41	23°17	29°40	23°29	W20
T 21	14 18 45	6°12'08	12°58	1♉33	25°39	9°40	11°13	4°40	26°17	11°32	23°16	24°42	23°14	29°47	23°25	T 21
F 22	14 22 42	7°10'00	24°44	3°41	26°53	10°23	11°11	4°42	26°21	11°32	23°15	24°R43	23°11	29°53	23°21	F 22
S 23	14 26 38	8° 7'50	6♈32	5°50	28° 7	11° 5	11° 9	4°43	26°24	11°33	23°14	24°42	23° 8	29°59	23°17	S 23
S 24	14 30 35	9° 5'39	18°23	8° 0	29°20	11°48	11° 7	4°45	26°27	11°33	23°13	24°39	23° 5	0♈ 6	23°13	S 24
M25	14 34 32	10° 3'27	0♉22	10°11	0♉34	12°30	11° 6	4°46	26°31	11°34	23°12	24°34	23° 1	0°13	23° 9	M25
T 26	14 38 28	11° 1'14	12°30	12°22	1°48	13°13	11° 5	4°48	26°34	11°34	23°11	24°28	22°58	0°20	23° 5	T 26
W27	14 42 25	11°58'59	24°49	14°33	3° 1	13°55	11° 4	4°49	26°38	11°34	23°10	24°20	22°55	0°26	23° 1	W27
T 28	14 46 21	12°56'42	7♊19	16°44	4°15	14°38	11° 3	4°50	26°41	11°35	23° 9	24°11	22°52	0°33	22°56	T 28
F 29	14 50 18	13°54'25	20° 2	18°55	5°29	15°20	11° 2	4°51	26°45	11°35	23° 8	24° 2	22°49	0°40	22°52	F 29
S 30	14 54 14	14♉52'05	2♋57	21♉ 5	6♉42	16♉ 3	11♍ 2	4♒52	26♉48	11♒35	23♐ 7	23♓55	22♓46	0♈46	22♏48	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n39	27n 8	5n 4	4s35	2s34	0s56	1s30	9n37	0s13	8n23	1n35	19s57	0s33	19n 2	0s 9	17s46	0s16	18s41	4n43	1s57	2s17	0s42	17s 3	2n 2
S 2	7 1	28 37	5 15	3 56	2 33	0 27	1 30	9 54	0 12	8 25	1 35	19 57	0 34	19 2	0 9	17 45	0 16	18 41	4 43	1 58	2 18	0 39	17 2	2 2
S 3	7 24	28 35	5 9	3 16	2 31	0n 3	1 29	10 10	0 11	8 26	1 34	19 56	0 34	19 3	0 9	17 45	0 16	18 41	4 44	1 59	2 19	0 35	17 1	2 3
M 4	7 46	26 55	4 47	2 35	2 29	0 33	1 29	10 27	0 11	8 28	1 34	19 55	0 34	19 4	0 9	17 45	0 16	18 41	4 44	1 59	2 20	0 32	17 0	2 3
T 5	8 8	23 39	4 9	1 52	2 26	1 3	1 28	10 43	0 10	8 30	1 34	19 55	0 34	19 5	0 9	17 44	0 16	18 41	4 44	1 59	2 22	0 28	16 59	2 3
W 6	8 30	18 57	3 15	1 9	2 23	1 32	1 28	10 59	0 10	8 32	1 34	19 54	0 34	19 5	0 9	17 44	0 16	18 41	4 44	1 59	2 23	0 25	16 57	2 4
T 7	8 52	13 3	2 7	0 24	2 19	2 2	1 27	11 15	0 9	8 33	1 34	19 54	0 34	19 6	0 9	17 44	0 16	18 41	4 44	1 58	2 24	0 22	16 56	2 4
F 8	9 13	6 19	0 50	0n22	2 15	2 32	1 27	11 31	0 8	8 35	1 34	19 53	0 34	19 7	0 9	17 44	0 16	18 41	4 44	1 58	2 26	0 18	16 55	2 5
S 9	9 35	0s52	0s32	1 9	2 10	3 1	1 26	11 47	0 8	8 36	1 33	19 52	0 35	19 8	0 9	17 43	0 16	18 41	4 44	1 58	2 27	0 15	16 54	2 5
S 10	9 56	8 4	1 52	1 57	2 5	3 31	1 25	12 3	0 7	8 37	1 33	19 52	0 35	19 8	0 9	17 43	0 16	18 41	4 44	1 58	2 28	0 11	16 53	2 5
M11	10 17	14 48	3 5	2 46	1 59	4 1	1 24	12 18	0 6	8 39	1 33	19 51	0 35	19 9	0 9	17 43	0 16	18 41	4 44	1 59	2 29	0 8	16 51	2 6
T 12	10 38	20 35	4 3	3 36	1 52	4 30	1 24	12 34	0 6	8 40	1 33	19 51	0 35	19 10	0 9	17 43	0 16	18 41	4 44	2 1	2 31	0 4	16 50	2 6
W13	10 59	25 1	4 45	4 26	1 45	5 0	1 23	12 49	0 5	8 41	1 33	19 50	0 35	19 11	0 9	17 42	0 16	18 41	4 44	2 3	2 32	0 1	16 49	2 6
T 14	11 20	27 47	5 7	5 18	1 38	5 29	1 22	13 4	0 4	8 42	1 32	19 50	0 35	19 11	0 9	17 42	0 16	18 41	4 44	2 5	2 33	0n 3	16 48	2 7
F 15	11 41	28 45	5 11	6 10	1 30	5 58	1 20	13 19	0 4	8 43	1 32	19 49	0 35	19 12	0 9	17 42	0 17	18 41	4 44	2 6	2 34	0 6	16 47	2 7
S 16	12 1	28 0	4 58	7 3	1 22	6 27	1 19	13 34	0 3	8 44	1 32	19 49	0 35	19 13	0 9	17 42	0 17	18 40	4 44	2 8	2 36	0 10	16 45	2 7
S 17	12 21	25 46	4 31	7 56	1 13	6 56	1 18	13 49	0 3	8 45	1 32	19 49	0 36	19 14	0 9	17 42	0 17	18 40	4 44	2 8	2 37	0 13	16 44	2 8
M18	12 41	22 20	3 51	8 50	1 4	7 25	1 17	14 4	0 2	8 46	1 32	19 48	0 36	19 15	0 9	17 42	0 17	18 40	4 44	2 9	2 38	0 17	16 43	2 8
T 19	13 1	18 1	3 1	9 44	0 55	7 54	1 16	14 19	0 1	8 47	1 31	19 48	0 36	19 15	0 9	17 41	0 17	18 40	4 44	2 8	2 39	0 20	16 41	2 8
W20	13 20	13 4	2 5	10 38	0 45	8 22	1 14	14 33	0 1	8 47	1 31	19 47	0 36	19 16	0 9	17 41	0 17	18 40	4 44	2 8	2 41	0 23	16 40	2 9
T 21	13 40	7 42	1 3	11 32	0 35	8 50	1 13	14 47	0n 0	8 48	1 31	19 47	0 36	19 17	0 9	17 41	0 17	18 40	4 44	2 7	2 42	0 27	16 39	2 9
F 22	13 59	2 6	0n 0	12 25	0 25	9 18	1 11	15 1	0 1	8 48	1 31	19 47	0 36	19 18	0 9	17 41	0 17	18 40	4 44	2 7	2 43	0 30	16 38	2 9
S 23	14 18	3n35	1 4	13 19	0 14	9 46	1 10	15 15	0 1	8 49	1 30	19 47	0 36	19 19	0 9	17 41	0 17	18 40	4 44	2 7	2 44	0 34	16 36	2 10
S 24	14 36	9 10	2 5	14 12	0 4	10 14	1 8	15 29	0 2	8 49	1 30	19 46	0 37	19 19	0 9	17 41	0 17	18 40	4 44	2 8	2 46	0 37	16 35	2 10
M25	14 55	14 29	3 1	15 3	0n 7	10 41	1 7	15 43	0 3	8 50	1 30	19 46	0 37	19 20	0 9	17 41	0 17	18 40	4 44	2 10	2 47	0 41	16 34	2 10
T 26	15 13	19 18	3 49	15 54	0 17	11 9	1 5	15 56	0 3	8 50	1 30	19 46	0 37	19 21	0 9	17 41	0 17	18 40	4 44	2 13	2 48	0 44	16 32	2 11
W27	15 31	23 24	4 28	16 44	0 28	11 36	1 3	16 10	0 4	8 50	1 30	19 46	0 37	19 22	0 9	17 40	0 17	18 40	4 44	2 16	2 50	0 48	16 31	2 11
T 28	15 48	26 29	4 54	17 32	0 38	12 2	1 2	16 23	0 4	8 50	1 29	19 46	0 37	19 23	0 9	17 40	0 17	18 40	4 44	2 19	2 51	0 51	16 30	2 11
F 29	16 6	28 17	5 6	18 19	0 48	12 29	1 0	16 36	0 5	8 50	1 29	19 46	0 37	19 23	0 9	17 40	0 17	18 40	4 44	2 23	2 52	0 55	16 28	2 11
S 30	16n23	28n35	5n 3	19n 3	0n58	12n55	0s58	16n49	0n 6	8n50	1n29	19s45	0s37	19n24	0s 9	17s40	0s17	18s40	4n44	2s26	2s53	0n58	16s27	2n12

Julian Day Number = 2093703.5, Delta T = 22m48s
Ecliptic obliquity = 23°34'08, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'03, Lahiri = 10°12'03 Julian Calendar 1 Apr. 1020 == Greg. Calendar 7 Apr. 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

MAY 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 58 11	15♉49'44	16♋ 5	23♉14	7♉56	16♉45	11°R 2	4♒53	26♉51	11♒36	23°R 6	23°R49	22♓42	0♈53	22°R44	S 1
M 2	15 2 7	16°47'22	29°28	25°21	9°10	17°27	11°D 1	4°54	26°55	11°36	23♐ 5	23♓46	22°39	1° 0	22♏39	M 2
T 3	15 6 4	17°44'58	13♌ 5	27°27	10°23	18° 9	11♍ 2	4°54	26°58	11°36	23° 3	23°D44	22°36	1° 6	22°35	T 3
W 4	15 10 1	18°42'32	26°58	29°32	11°37	18°51	11° 2	4°55	27° 2	11°36	23° 2	23°44	22°33	1°13	22°31	W 4
T 5	15 13 57	19°40'05	11♍ 7	1♊34	12°51	19°34	11° 2	4°55	27° 5	11°36	23° 1	23°45	22°30	1°20	22°27	T 5
F 6	15 17 54	20°37'36	25°31	3°35	14° 4	20°16	11° 3	4°56	27° 9	11°36	23° 0	23°R46	22°27	1°26	22°22	F 6
S 7	15 21 50	21°35'06	10♎ 7	5°33	15°18	20°58	11° 4	4°56	27°12	11°37	22°59	23°45	22°23	1°33	22°18	S 7
S 8	15 25 47	22°32'35	24°52	7°28	16°32	21°39	11° 5	4°56	27°16	11°37	22°57	23°41	22°20	1°40	22°14	S 8
M 9	15 29 43	23°30'02	9♏38	9°22	17°45	22°21	11° 6	4°R56	27°20	11°R37	22°56	23°36	22°17	1°46	22° 9	M 9
T 10	15 33 40	24°27'28	24°19	11°12	18°59	23° 3	11° 7	4°56	27°23	11°37	22°55	23°28	22°14	1°53	22° 5	T 10
W11	15 37 36	25°24'54	8♐46	13° 0	20°12	23°45	11° 9	4°56	27°27	11°36	22°53	23°19	22°11	1°59	22° 1	W11
T 12	15 41 33	26°22'18	22°53	14°46	21°26	24°27	11°10	4°56	27°30	11°36	22°52	23° 9	22° 7	2° 6	21°56	T 12
F 13	15 45 30	27°19'41	6♑37	16°28	22°40	25° 8	11°12	4°56	27°34	11°36	22°51	23° 0	22° 4	2°13	21°52	F 13
S 14	15 49 26	28°17'04	19°54	18° 8	23°53	25°50	11°14	4°55	27°37	11°36	22°49	22°52	22° 1	2°19	21°48	S 14
S 15	15 53 23	29°14'26	2♒46	19°45	25° 7	26°32	11°16	4°55	27°41	11°36	22°48	22°47	21°58	2°26	21°44	S 15
M16	15 57 19	0♊11'47	15°16	21°19	26°21	27°13	11°19	4°54	27°44	11°36	22°47	22°44	21°55	2°33	21°39	M16
T 17	16 1 16	1° 9'08	27°27	22°51	27°34	27°55	11°21	4°54	27°48	11°35	22°45	22°D43	21°52	2°39	21°35	T 17
W18	16 5 12	2° 6'28	9♓25	24°19	28°48	28°36	11°24	4°53	27°51	11°35	22°44	22°43	21°48	2°46	21°31	W18
T 19	16 9 9	3° 3'47	21°15	25°45	0♊ 2	29°18	11°27	4°52	27°55	11°35	22°43	22°R43	21°45	2°53	21°27	T 19
F 20	16 13 5	4° 1'06	3♈ 2	27° 7	1°15	29°59	11°30	4°51	27°58	11°34	22°41	22°43	21°42	2°59	21°23	F 20
S 21	16 17 2	4°58'24	14°52	28°27	2°29	0♊40	11°33	4°50	28° 2	11°34	22°40	22°41	21°39	3° 6	21°19	S 21
S 22	16 20 59	5°55'42	26°48	29°44	3°43	1°21	11°37	4°49	28° 5	11°34	22°38	22°36	21°36	3°13	21°15	S 22
M23	16 24 55	6°52'59	8♉55	0♋58	4°56	2° 3	11°40	4°48	28° 9	11°33	22°37	22°29	21°33	3°19	21°11	M23
T 24	16 28 52	7°50'16	21°15	2° 8	6°10	2°44	11°44	4°46	28°12	11°33	22°35	22°20	21°29	3°26	21° 7	T 24
W25	16 32 48	8°47'33	3♊49	3°15	7°24	3°25	11°48	4°45	28°16	11°32	22°34	22° 8	21°26	3°33	21° 3	W25
T 26	16 36 45	9°44'48	16°38	4°20	8°37	4° 6	11°52	4°43	28°19	11°32	22°32	21°56	21°23	3°39	20°59	T 26
F 27	16 40 41	10°42'04	29°41	5°20	9°51	4°47	11°56	4°42	28°23	11°31	22°31	21°43	21°20	3°46	20°55	F 27
S 28	16 44 38	11°39'18	12♋56	6°18	11° 5	5°28	12° 0	4°40	28°26	11°31	22°29	21°33	21°17	3°53	20°51	S 28
S 29	16 48 35	12°36'32	26°23	7°12	12°18	6° 9	12° 5	4°38	28°30	11°30	22°28	21°24	21°13	3°59	20°47	S 29
M30	16 52 31	13°33'46	10♌ 1	8° 2	13°32	6°50	12°10	4°36	28°33	11°29	22°26	21°18	21°10	4° 6	20°43	M30
T 31	16 56 28	14♊30'58	23♌47	8♋49	14♊46	7♊31	12♍14	4♒34	28♉37	11♒29	22♐25	21♓15	21♓ 7	4♈12	20♏40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n40	27n18	4n44	19n46	1n 7	13n21	0s56	17n 2	0n 6	8n50	1n29	19s45	0s38	19n25	0s 9	17s40	0s17	18s40	4n44	2s28	2s55	1n 2	16s25	2n12
M 2	16 57	24 26	4 10	20 26	1 16	13 46	0 54	17 15	0 7	8 50	1 28	19 45	0 38	19 26	0 9	17 40	0 17	18 40	4 44	2 29	2 56	1 5	16 24	2 12
T 3	17 13	20 11	3 21	21 4	1 24	14 11	0 53	17 27	0 7	8 50	1 28	19 45	0 38	19 27	0 9	17 40	0 17	18 40	4 44	2 30	2 57	1 8	16 23	2 13
W 4	17 29	14 46	2 19	21 40	1 32	14 36	0 51	17 39	0 8	8 49	1 28	19 45	0 38	19 28	0 9	17 40	0 17	18 40	4 44	2 30	2 58	1 12	16 21	2 13
T 5	17 45	8 28	1 7	22 12	1 39	15 0	0 49	17 51	0 9	8 49	1 28	19 45	0 38	19 28	0 9	17 40	0 17	18 39	4 44	2 30	3 0	1 15	16 20	2 13
F 6	18 0	1 39	0s 9	22 43	1 46	15 24	0 47	18 3	0 9	8 49	1 27	19 45	0 38	19 29	0 9	17 40	0 17	18 39	4 44	2 29	3 1	1 19	16 19	2 13
S 7	18 15	5s21	1 27	23 11	1 52	15 48	0 44	18 15	0 10	8 48	1 27	19 45	0 38	19 30	0 9	17 40	0 17	18 39	4 44	2 30	3 2	1 22	16 17	2 14
S 8	18 30	12 8	2 38	23 36	1 57	16 11	0 42	18 27	0 11	8 47	1 27	19 46	0 39	19 31	0 9	17 40	0 17	18 39	4 44	2 31	3 3	1 26	16 16	2 14
M 9	18 45	18 15	3 40	23 58	2 1	16 34	0 40	18 38	0 11	8 47	1 27	19 46	0 39	19 32	0 9	17 40	0 17	18 39	4 44	2 33	3 5	1 29	16 15	2 14
T 10	18 59	23 15	4 26	24 18	2 5	16 57	0 38	18 50	0 12	8 46	1 27	19 46	0 39	19 32	0 9	17 40	0 17	18 39	4 44	2 37	3 6	1 33	16 13	2 14
W11	19 13	26 44	4 54	24 36	2 8	17 19	0 36	19 1	0 12	8 45	1 26	19 46	0 39	19 33	0 9	17 40	0 17	18 39	4 44	2 40	3 7	1 36	16 12	2 15
T 12	19 27	28 26	5 4	24 51	2 10	17 41	0 34	19 12	0 13	8 44	1 26	19 46	0 39	19 34	0 9	17 40	0 17	18 39	4 44	2 44	3 8	1 40	16 11	2 15
F 13	19 40	28 19	4 56	25 3	2 11	18 2	0 32	19 22	0 14	8 43	1 26	19 46	0 39	19 35	0 9	17 40	0 17	18 39	4 44	2 48	3 10	1 43	16 9	2 15
S 14	19 53	26 33	4 31	25 14	2 12	18 22	0 29	19 33	0 14	8 42	1 26	19 47	0 39	19 36	0 9	17 40	0 17	18 39	4 44	2 51	3 11	1 46	16 8	2 15
S 15	20 6	23 26	3 54	25 22	2 12	18 43	0 27	19 43	0 15	8 41	1 25	19 47	0 40	19 37	0 9	17 40	0 17	18 39	4 44	2 53	3 12	1 50	16 7	2 15
M16	20 18	19 18	3 6	25 28	2 11	19 2	0 25	19 54	0 15	8 40	1 25	19 47	0 40	19 37	0 9	17 40	0 17	18 39	4 44	2 54	3 13	1 53	16 6	2 16
T 17	20 30	14 28	2 10	25 32	2 9	19 22	0 22	20 4	0 16	8 39	1 25	19 47	0 40	19 38	0 9	17 41	0 17	18 39	4 44	2 54	3 15	1 57	16 4	2 16
W18	20 42	9 10	1 10	25 33	2 7	19 40	0 20	20 14	0 17	8 38	1 25	19 48	0 40	19 39	0 9	17 41	0 17	18 39	4 44	2 54	3 16	2 0	16 3	2 16
T 19	20 53	3 37	0 8	25 34	2 4	19 59	0 18	20 23	0 17	8 37	1 24	19 48	0 40	19 40	0 9	17 41	0 17	18 39	4 43	2 54	3 17	2 4	16 2	2 16
F 20	21 4	2n 3	0n55	25 32	2 0	20 16	0 15	20 33	0 18	8 35	1 24	19 48	0 40	19 41	0 9	17 41	0 17	18 39	4 43	2 54	3 19	2 7	16 0	2 17
S 21	21 15	7 39	1 55	25 28	1 55	20 33	0 13	20 42	0 18	8 34	1 24	19 49	0 41	19 41	0 9	17 41	0 17	18 39	4 43	2 55	3 20	2 11	15 59	2 17
S 22	21 25	13 2	2 51	25 24	1 49	20 50	0 11	20 51	0 19	8 32	1 24	19 49	0 41	19 42	0 9	17 41	0 17	18 39	4 43	2 57	3 21	2 14	15 58	2 17
M23	21 35	18 0	3 39	25 17	1 43	21 6	0 8	21 0	0 20	8 31	1 23	19 50	0 41	19 43	0 9	17 41	0 17	18 39	4 43	3 0	3 22	2 18	15 57	2 17
T 24	21 44	22 19	4 18	25 9	1 36	21 21	0 6	21 9	0 20	8 29	1 23	19 50	0 41	19 44	0 9	17 41	0 17	18 39	4 43	3 4	3 24	2 21	15 56	2 17
W25	21 53	25 42	4 46	25 0	1 29	21 36	0 4	21 17	0 21	8 27	1 23	19 51	0 41	19 44	0 9	17 42	0 17	18 39	4 43	3 8	3 25	2 24	15 54	2 17
T 26	22 2	27 52	5 0	24 50	1 21	21 50	0 1	21 26	0 21	8 25	1 23	19 51	0 41	19 45	0 9	17 42	0 17	18 39	4 43	3 13	3 26	2 28	15 53	2 18
F 27	22 10	28 32	4 58	24 39	1 12	22 4	0n 1	21 34	0 22	8 24	1 23	19 52	0 41	19 46	0 9	17 42	0 17	18 39	4 43	3 18	3 27	2 31	15 52	2 18
S 28	22 18	27 35	4 40	24 27	1 2	22 17	0 3	21 42	0 22	8 22	1 22	19 52	0 42	19 47	0 9	17 42	0 17	18 39	4 43	3 22	3 29	2 35	15 51	2 18
S 29	22 26	25 2	4 7	24 14	0 52	22 29	0 6	21 50	0 23	8 20	1 22	19 53	0 42	19 48	0 9	17 42	0 17	18 39	4 43	3 26	3 30	2 38	15 50	2 18
M30	22 33	21 2	3 20	24 0	0 41	22 41	0 8	21 57	0 24	8 18	1 22	19 53	0 42	19 48	0 9	17 42	0 17	18 39	4 43	3 28	3 31	2 42	15 49	2 18
T 31	22n40	15n52	2n20	23n45	0n29	22n52	0n11	22n 5	0n24	8n16	1n22	19s54	0s42	19n49	0s 9	17s43	0s17	18s39	4n43	3s29	3s32	2n45	15s47	2n18

Julian Day Number = 2093733.5, Delta T = 22m47s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'07, Lahiri = 10°12'08 Julian Calendar 1 May 1020 == Greg. Calendar 7 May 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

JUNE 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 0 24	15♊28'10	7♍42	9♋32	15♊59	8♊12	12♍19	4°R32	28♉40	11°R28	22°R23	21°R14	21♓ 4	4♈19	20°R36	W 1
T 2	17 4 21	16°25'21	21°46	10°11	17°13	8°53	12°24	4♒30	28°43	11♒27	22♐22	21♓14	21° 1	4°26	20♏32	T 2
F 3	17 8 17	17°22'32	5♎57	10°45	18°27	9°33	12°30	4°28	28°47	11°26	22°20	21°14	20°58	4°32	20°29	F 3
S 4	17 12 14	18°19'41	20°14	11°16	19°40	10°14	12°35	4°25	28°50	11°26	22°19	21°12	20°54	4°39	20°25	S 4
S 5	17 16 10	19°16'51	4♏36	11°43	20°54	10°55	12°41	4°23	28°54	11°25	22°17	21° 7	20°51	4°46	20°22	S 5
M 6	17 20 7	20°14'00	18°58	12° 5	22° 8	11°35	12°47	4°20	28°57	11°24	22°16	21° 0	20°48	4°52	20°19	M 6
T 7	17 24 4	21°11'08	3♐15	12°23	23°22	12°16	12°52	4°18	29° 0	11°23	22°14	20°51	20°45	4°59	20°15	T 7
W 8	17 28 0	22° 8'17	17°22	12°36	24°35	12°56	12°58	4°15	29° 4	11°22	22°13	20°40	20°42	5° 6	20°12	W 8
T 9	17 31 57	23° 5'25	1♑14	12°45	25°49	13°37	13° 5	4°12	29° 7	11°21	22°11	20°28	20°39	5°12	20° 9	T 9
F 10	17 35 53	24° 2'33	14°46	12°R49	27° 3	14°17	13°11	4°10	29°10	11°20	22°10	20°17	20°35	5°19	20° 6	F 10
S 11	17 39 50	24°59'42	27°56	12°48	28°16	14°58	13°17	4° 7	29°14	11°19	22° 8	20° 7	20°32	5°26	20° 3	S 11
S 12	17 43 46	25°56'50	10♒45	12°43	29°30	15°38	13°24	4° 4	29°17	11°18	22° 7	20° 0	20°29	5°32	20° 0	S 12
M13	17 47 43	26°53'58	23°13	12°33	0♋44	16°18	13°31	4° 1	29°20	11°17	22° 5	19°55	20°26	5°39	19°57	M13
T 14	17 51 39	27°51'07	5♓24	12°19	1°58	16°58	13°37	3°58	29°23	11°16	22° 4	19°53	20°23	5°46	19°54	T 14
W15	17 55 36	28°48'16	17°23	12° 0	3°11	17°39	13°44	3°54	29°26	11°15	22° 2	19°D52	20°19	5°52	19°51	W15
T 16	17 59 33	29°45'25	29°13	11°38	4°25	18°19	13°51	3°51	29°30	11°14	22° 1	19°R53	20°16	5°59	19°49	T 16
F 17	18 3 29	0♋42'35	11♈ 2	11°12	5°39	18°59	13°59	3°48	29°33	11°13	21°59	19°52	20°13	6° 6	19°46	F 17
S 18	18 7 26	1°39'45	22°54	10°42	6°53	19°39	14° 6	3°44	29°36	11°12	21°58	19°50	20°10	6°12	19°44	S 18
S 19	18 11 22	2°36'55	4♉54	10° 9	8° 7	20°19	14°13	3°41	29°39	11°11	21°56	19°47	20° 7	6°19	19°41	S 19
M20	18 15 19	3°34'06	17° 7	9°34	9°20	20°59	14°21	3°38	29°42	11° 9	21°55	19°40	20° 4	6°25	19°39	M20
T 21	18 19 15	4°31'18	29°36	8°57	10°34	21°39	14°29	3°34	29°45	11° 8	21°53	19°31	20° 0	6°32	19°37	T 21
W22	18 23 12	5°28'30	12♊23	8°18	11°48	22°19	14°37	3°30	29°48	11° 7	21°52	19°21	19°57	6°39	19°34	W22
T 23	18 27 8	6°25'43	25°29	7°39	13° 2	22°59	14°45	3°27	29°51	11° 6	21°50	19° 9	19°54	6°45	19°32	T 23
F 24	18 31 5	7°22'56	8♋52	7° 0	14°16	23°39	14°53	3°23	29°54	11° 4	21°49	18°58	19°51	6°52	19°30	F 24
S 25	18 35 2	8°20'09	22°31	6°21	15°29	24°19	15° 1	3°19	29°57	11° 3	21°47	18°48	19°48	6°59	19°28	S 25
S 26	18 38 58	9°17'23	6♌23	5°44	16°43	24°58	15° 9	3°15	0♊ 0	11° 2	21°46	18°40	19°45	7° 5	19°27	S 26
M27	18 42 55	10°14'37	20°23	5° 9	17°57	25°38	15°18	3°11	0° 3	11° 0	21°44	18°34	19°41	7°12	19°25	M27
T 28	18 46 51	11°11'51	4♍28	4°36	19°11	26°18	15°26	3° 7	0° 6	10°59	21°43	18°31	19°38	7°19	19°23	T 28
W29	18 50 48	12° 9'05	18°36	4° 7	20°25	26°58	15°35	3° 3	0° 9	10°58	21°41	18°D31	19°35	7°25	19°22	W29
T 30	18 54 44	13♋ 6'20	2♎46	3♋41	21♋39	27♊37	15♍44	2♒59	0♊11	10♒56	21♐40	18♓31	19♓32	7♈32	19♏20	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n46	9n49	1n11	23n30	0n17	23n 3	0n13	22n12	0n25	8n14	1n21	19s55	0s42	19n50	0s 9	17s43	0s17	18s39	4n43	3s30	3s34	2n49	15s46	2n18
T 2	22 52	3 14	0s 3	23 15	0 4	23 12	0 15	22 19	0 25	8 11	1 21	19 55	0 42	19 51	0 9	17 43	0 17	18 39	4 43	3 30	3 35	2 52	15 45	2 19
F 3	22 58	3s33	1 17	22 59	0s 9	23 21	0 18	22 26	0 26	8 9	1 21	19 56	0 42	19 51	0 9	17 43	0 18	18 39	4 42	3 30	3 36	2 55	15 44	2 19
S 4	23 3	10 13	2 27	22 42	0 23	23 30	0 20	22 32	0 26	8 7	1 21	19 57	0 43	19 52	0 8	17 44	0 18	18 39	4 42	3 31	3 37	2 59	15 43	2 19
S 5	23 8	16 23	3 28	22 26	0 37	23 37	0 22	22 39	0 27	8 5	1 21	19 58	0 43	19 53	0 8	17 44	0 18	18 39	4 42	3 32	3 39	3 2	15 42	2 19
M 6	23 12	21 38	4 15	22 9	0 52	23 44	0 25	22 45	0 28	8 2	1 20	19 58	0 43	19 54	0 8	17 44	0 18	18 39	4 42	3 35	3 40	3 6	15 41	2 19
T 7	23 16	25 36	4 47	21 53	1 7	23 51	0 27	22 51	0 28	8 0	1 20	19 59	0 43	19 54	0 8	17 44	0 18	18 39	4 42	3 39	3 41	3 9	15 40	2 19
W 8	23 20	27 56	5 0	21 36	1 22	23 56	0 29	22 57	0 29	7 57	1 20	20 0	0 43	19 55	0 8	17 45	0 18	18 39	4 42	3 43	3 42	3 13	15 39	2 19
T 9	23 23	28 29	4 55	21 20	1 38	24 1	0 31	23 2	0 29	7 55	1 20	20 1	0 43	19 56	0 8	17 45	0 18	18 39	4 42	3 48	3 44	3 16	15 38	2 19
F 10	23 26	27 17	4 34	21 4	1 54	24 6	0 34	23 8	0 30	7 52	1 20	20 1	0 43	19 57	0 8	17 45	0 18	18 39	4 42	3 52	3 45	3 20	15 37	2 19
S 11	23 28	24 34	3 58	20 48	2 9	24 9	0 36	23 13	0 30	7 49	1 19	20 2	0 43	19 57	0 8	17 46	0 18	18 39	4 42	3 56	3 46	3 23	15 36	2 20
S 12	23 30	20 42	3 11	20 33	2 25	24 12	0 38	23 18	0 31	7 47	1 19	20 3	0 44	19 58	0 8	17 46	0 18	18 39	4 41	3 59	3 47	3 26	15 36	2 20
M13	23 32	16 0	2 16	20 18	2 41	24 14	0 40	23 23	0 31	7 44	1 19	20 4	0 44	19 59	0 8	17 46	0 18	18 39	4 41	4 1	3 49	3 30	15 35	2 20
T 14	23 33	10 45	1 16	20 4	2 56	24 15	0 42	23 27	0 32	7 41	1 19	20 5	0 44	19 59	0 8	17 46	0 18	18 39	4 41	4 2	3 50	3 33	15 34	2 20
W15	23 34	5 13	0 13	19 51	3 11	24 16	0 44	23 32	0 33	7 38	1 19	20 6	0 44	20 0	0 8	17 47	0 18	18 39	4 41	4 2	3 51	3 37	15 33	2 20
T 16	23 34	0n27	0n49	19 39	3 25	24 16	0 46	23 36	0 33	7 35	1 18	20 7	0 44	20 1	0 8	17 47	0 18	18 39	4 41	4 2	3 52	3 40	15 32	2 20
F 17	23 34	6 4	1 50	19 27	3 39	24 15	0 48	23 40	0 34	7 32	1 18	20 7	0 44	20 2	0 8	17 47	0 18	18 39	4 41	4 2	3 54	3 44	15 32	2 20
S 18	23 33	11 31	2 46	19 17	3 52	24 13	0 50	23 44	0 34	7 29	1 18	20 8	0 44	20 2	0 8	17 48	0 18	18 39	4 41	4 3	3 55	3 47	15 31	2 20
S 19	23 33	16 36	3 35	19 8	4 4	24 11	0 52	23 47	0 35	7 26	1 18	20 9	0 45	20 3	0 8	17 48	0 18	18 39	4 41	4 4	3 56	3 50	15 30	2 20
M20	23 31	21 6	4 15	19 0	4 14	24 8	0 54	23 51	0 35	7 23	1 18	20 10	0 45	20 4	0 8	17 48	0 18	18 39	4 41	4 7	3 57	3 54	15 29	2 20
T 21	23 29	24 47	4 44	18 53	4 24	24 4	0 56	23 54	0 36	7 20	1 17	20 11	0 45	20 4	0 8	17 49	0 18	18 39	4 40	4 10	3 59	3 57	15 29	2 20
W22	23 27	27 21	4 59	18 47	4 32	24 0	0 58	23 57	0 36	7 17	1 17	20 12	0 45	20 5	0 8	17 49	0 18	18 39	4 40	4 14	4 0	4 1	15 28	2 20
T 23	23 25	28 29	5 0	18 43	4 38	23 55	1 0	24 0	0 37	7 13	1 17	20 13	0 45	20 5	0 8	17 49	0 18	18 39	4 40	4 19	4 1	4 4	15 28	2 20
F 24	23 22	27 59	4 44	18 40	4 43	23 49	1 1	24 2	0 37	7 10	1 17	20 14	0 45	20 6	0 8	17 50	0 18	18 39	4 40	4 23	4 2	4 8	15 27	2 20
S 25	23 18	25 49	4 12	18 38	4 47	23 42	1 3	24 5	0 38	7 7	1 17	20 15	0 45	20 7	0 8	17 50	0 18	18 39	4 40	4 27	4 4	4 11	15 26	2 20
S 26	23 14	22 4	3 24	18 38	4 48	23 35	1 5	24 7	0 39	7 3	1 16	20 16	0 45	20 7	0 8	17 51	0 18	18 40	4 40	4 31	4 5	4 14	15 26	2 21
M27	23 10	17 3	2 24	18 40	4 48	23 27	1 6	24 9	0 39	7 0	1 16	20 17	0 46	20 8	0 8	17 51	0 18	18 40	4 40	4 33	4 6	4 18	15 25	2 21
T 28	23 6	11 4	1 14	18 43	4 47	23 18	1 8	24 11	0 40	6 56	1 16	20 18	0 46	20 9	0 8	17 51	0 18	18 40	4 39	4 34	4 7	4 21	15 25	2 21
W29	23 1	4 31	0s 1	18 47	4 44	23 9	1 9	24 12	0 40	6 53	1 16	20 19	0 46	20 9	0 8	17 52	0 18	18 40	4 39	4 34	4 9	4 25	15 24	2 21
T 30	22n55	2s15	1s15	18n52	4s39	22n59	1n11	24n13	0n41	6n49	1n16	20s20	0s46	20n10	0s 8	17s52	0s18	18s40	4n39	4s34	4s10	4n28	15s24	2n21

Julian Day Number = 2093764.5, Delta T = 22m47s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'11, Lahiri = 10°12'12 Julian Calendar 1 June 1020 == Greg. Calendar 7 June 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

JULY 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 58 41	14♋ 3'35	16♎54	3°R20	22♋52	28♊17	15♍52	2°R55	0♊14	10°R55	21°R39	18°R31	19♓29	7♈39	19°R19	F 1
S 2	19 2 38	15° 0'50	1♏ 1	3♋ 3	24° 6	28°56	16° 1	2♒51	0°17	10♒53	21♐37	18♓30	19°25	7°45	19♏17	S 2
S 3	19 6 34	15°58'05	15° 5	2°51	25°20	29°36	16°11	2°47	0°20	10°52	21°36	18°27	19°22	7°52	19°16	S 3
M 4	19 10 31	16°55'21	29° 4	2°45	26°34	0♋15	16°20	2°43	0°22	10°51	21°35	18°22	19°19	7°59	19°15	M 4
T 5	19 14 27	17°52'38	12♐56	2°D44	27°48	0°55	16°29	2°38	0°25	10°49	21°33	18°14	19°16	8° 5	19°14	T 5
W 6	19 18 24	18°49'55	26°37	2°50	29° 2	1°34	16°38	2°34	0°28	10°48	21°32	18° 5	19°13	8°12	19°13	W 6
T 7	19 22 20	19°47'13	10♑ 5	3° 1	0♌16	2°13	16°48	2°30	0°30	10°46	21°31	17°55	19°10	8°19	19°12	T 7
F 8	19 26 17	20°44'32	23°18	3°19	1°29	2°53	16°57	2°26	0°33	10°45	21°29	17°46	19° 6	8°25	19°12	F 8
S 9	19 30 13	21°41'51	6♒13	3°42	2°43	3°32	17° 7	2°21	0°35	10°43	21°28	17°38	19° 3	8°32	19°11	S 9
S 10	19 34 10	22°39'12	18°51	4°12	3°57	4°11	17°17	2°17	0°38	10°42	21°27	17°32	19° 0	8°39	19°10	S 10
M11	19 38 7	23°36'33	1♓13	4°48	5°11	4°50	17°27	2°12	0°40	10°40	21°26	17°29	18°57	8°45	19°10	M11
T 12	19 42 3	24°33'55	13°20	5°30	6°25	5°30	17°37	2° 8	0°43	10°39	21°24	17°D27	18°54	8°52	19°10	T 12
W13	19 46 0	25°31'19	25°17	6°18	7°39	6° 9	17°47	2° 4	0°45	10°37	21°23	17°27	18°51	8°59	19° 9	W13
T 14	19 49 56	26°28'43	7♈ 8	7°12	8°53	6°48	17°57	1°59	0°47	10°35	21°22	17°28	18°47	9° 5	19° 9	T 14
F 15	19 53 53	27°26'09	18°57	8°12	10° 7	7°27	18° 7	1°55	0°50	10°34	21°21	17°30	18°44	9°12	19°D 9	F 15
S 16	19 57 49	28°23'37	0♉49	9°18	11°20	8° 6	18°17	1°50	0°52	10°32	21°20	17°R30	18°41	9°18	19° 9	S 16
S 17	20 1 46	29°21'05	12°50	10°30	12°34	8°45	18°28	1°46	0°54	10°31	21°19	17°29	18°38	9°25	19° 9	S 17
M18	20 5 42	0♌18'35	25° 5	11°47	13°48	9°24	18°38	1°41	0°56	10°29	21°17	17°26	18°35	9°32	19°10	M18
T 19	20 9 39	1°16'07	7♊38	13° 9	15° 2	10° 3	18°49	1°37	0°59	10°27	21°16	17°21	18°31	9°38	19°10	T 19
W20	20 13 36	2°13'40	20°32	14°36	16°16	10°42	18°59	1°32	1° 1	10°26	21°15	17°15	18°28	9°45	19°10	W20
T 21	20 17 32	3°11'14	3♋48	16° 8	17°30	11°21	19°10	1°28	1° 3	10°24	21°14	17° 8	18°25	9°52	19°11	T 21
F 22	20 21 29	4° 8'50	17°27	17°44	18°44	11°59	19°21	1°23	1° 5	10°23	21°13	17° 1	18°22	9°58	19°12	F 22
S 23	20 25 25	5° 6'27	1♌25	19°24	19°58	12°38	19°32	1°19	1° 7	10°21	21°12	16°54	18°19	10° 5	19°12	S 23
S 24	20 29 22	6° 4'05	15°40	21° 8	21°12	13°17	19°43	1°14	1° 9	10°19	21°11	16°50	18°16	10°12	19°13	S 24
M25	20 33 18	7° 1'44	0♍ 5	22°56	22°26	13°56	19°54	1°10	1°11	10°18	21°10	16°47	18°12	10°18	19°14	M25
T 26	20 37 15	7°59'25	14°36	24°46	23°40	14°34	20° 5	1° 5	1°12	10°16	21° 9	16°D46	18° 9	10°25	19°15	T 26
W27	20 41 11	8°57'06	29° 6	26°39	24°54	15°13	20°16	1° 1	1°14	10°14	21° 8	16°46	18° 6	10°32	19°16	W27
T 28	20 45 8	9°54'49	13♎31	28°34	26° 7	15°52	20°27	0°56	1°16	10°13	21° 8	16°47	18° 3	10°38	19°17	T 28
F 29	20 49 5	10°52'33	27°49	0♌31	27°21	16°30	20°38	0°52	1°18	10°11	21° 7	16°49	18° 0	10°45	19°19	F 29
S 30	20 53 1	11°50'18	11♏56	2°29	28°35	17° 9	20°50	0°48	1°19	10° 9	21° 6	16°R49	17°57	10°52	19°20	S 30
S 31	20 56 58	12♌48'04	25♏52	4♌29	29♌49	17♋47	21♍ 1	0♒43	1♊21	10♒ 8	21♐ 5	16♓48	17♓53	10♈58	19♏22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n49	8s55	2s25	18n59	4s33	22n48	1n12	24n15	0n41	6n46	1n16	20s21	0s46	20n10	0s 8	17s53	0s18	18s40	4n39	4s34	4s11	4n31	15s24	2n21
S 2	22 43	15 7	3 26	19 7	4 25	22 37	1 14	24 16	0 42	6 42	1 15	20 23	0 46	20 11	0 8	17 53	0 18	18 40	4 39	4 34	4 12	4 35	15 23	2 21
S 3	22 36	20 30	4 15	19 16	4 16	22 25	1 15	24 16	0 42	6 38	1 15	20 24	0 46	20 12	0 8	17 53	0 18	18 40	4 39	4 35	4 14	4 38	15 23	2 21
M 4	22 29	24 44	4 47	19 26	4 6	22 12	1 16	24 17	0 43	6 34	1 15	20 25	0 46	20 12	0 8	17 54	0 18	18 40	4 38	4 38	4 15	4 42	15 23	2 21
T 5	22 22	27 29	5 3	19 38	3 55	21 59	1 17	24 17	0 43	6 31	1 15	20 26	0 46	20 13	0 8	17 54	0 18	18 40	4 38	4 41	4 16	4 45	15 22	2 21
W 6	22 14	28 32	5 1	19 49	3 43	21 45	1 18	24 17	0 44	6 27	1 15	20 27	0 47	20 13	0 8	17 55	0 18	18 40	4 38	4 44	4 17	4 49	15 22	2 21
T 7	22 6	27 52	4 42	20 2	3 30	21 30	1 19	24 17	0 44	6 23	1 15	20 28	0 47	20 14	0 8	17 55	0 18	18 40	4 38	4 48	4 19	4 52	15 22	2 21
F 8	21 57	25 37	4 8	20 15	3 17	21 15	1 21	24 17	0 45	6 19	1 14	20 29	0 47	20 14	0 8	17 55	0 18	18 40	4 38	4 52	4 20	4 55	15 22	2 21
S 9	21 49	22 5	3 22	20 29	3 2	20 59	1 21	24 16	0 45	6 15	1 14	20 30	0 47	20 15	0 8	17 56	0 18	18 41	4 38	4 55	4 21	4 59	15 21	2 21
S 10	21 39	17 35	2 27	20 42	2 48	20 42	1 22	24 16	0 46	6 11	1 14	20 31	0 47	20 15	0 8	17 56	0 18	18 41	4 37	4 57	4 23	5 2	15 21	2 21
M11	21 30	12 27	1 26	20 56	2 33	20 25	1 23	24 15	0 46	6 7	1 14	20 32	0 47	20 16	0 8	17 57	0 18	18 41	4 37	4 58	4 24	5 6	15 21	2 21
T 12	21 19	6 55	0 22	21 10	2 18	20 8	1 24	24 14	0 47	6 3	1 14	20 33	0 47	20 16	0 8	17 57	0 18	18 41	4 37	4 59	4 25	5 9	15 21	2 21
W13	21 9	1 14	0n42	21 23	2 2	19 49	1 25	24 13	0 47	5 59	1 14	20 35	0 47	20 17	0 8	17 58	0 18	18 41	4 37	4 59	4 26	5 12	15 21	2 21
T 14	20 58	4n26	1 44	21 36	1 47	19 31	1 25	24 11	0 48	5 55	1 14	20 36	0 47	20 17	0 8	17 58	0 18	18 41	4 37	4 58	4 28	5 16	15 21	2 21
F 15	20 47	9 57	2 42	21 47	1 31	19 11	1 26	24 10	0 48	5 51	1 13	20 37	0 47	20 18	0 8	17 59	0 18	18 41	4 36	4 58	4 29	5 19	15 21	2 21
S 16	20 36	15 8	3 32	21 58	1 16	18 51	1 27	24 8	0 49	5 47	1 13	20 38	0 48	20 18	0 8	17 59	0 18	18 41	4 36	4 58	4 30	5 23	15 21	2 21
S 17	20 24	19 49	4 14	22 8	1 1	18 31	1 27	24 6	0 49	5 43	1 13	20 39	0 48	20 19	0 8	17 59	0 18	18 41	4 36	4 58	4 31	5 26	15 21	2 21
M18	20 12	23 45	4 46	22 17	0 46	18 10	1 27	24 4	0 50	5 38	1 13	20 40	0 48	20 19	0 8	18 0	0 18	18 42	4 36	4 59	4 33	5 29	15 21	2 21
T 19	19 59	26 42	5 4	22 23	0 32	17 49	1 28	24 1	0 50	5 34	1 13	20 41	0 48	20 20	0 8	18 0	0 18	18 42	4 36	5 1	4 34	5 33	15 21	2 21
W20	19 46	28 21	5 8	22 28	0 18	17 27	1 28	23 59	0 51	5 30	1 13	20 42	0 48	20 20	0 8	18 1	0 18	18 42	4 35	5 4	4 35	5 36	15 21	2 21
T 21	19 33	28 27	4 56	22 31	0 4	17 4	1 28	23 56	0 51	5 25	1 13	20 43	0 48	20 21	0 8	18 1	0 18	18 42	4 35	5 7	4 36	5 40	15 21	2 21
F 22	19 19	26 50	4 27	22 32	0n 9	16 41	1 28	23 53	0 52	5 21	1 13	20 44	0 48	20 21	0 8	18 2	0 18	18 42	4 35	5 9	4 37	5 43	15 22	2 21
S 23	19 6	23 32	3 41	22 30	0 21	16 18	1 28	23 50	0 52	5 17	1 12	20 45	0 48	20 21	0 8	18 2	0 18	18 42	4 35	5 12	4 39	5 46	15 22	2 21
S 24	18 51	18 47	2 41	22 26	0 32	15 54	1 28	23 47	0 53	5 12	1 12	20 47	0 48	20 22	0 8	18 3	0 18	18 42	4 35	5 14	4 40	5 50	15 22	2 21
M25	18 37	12 54	1 29	22 19	0 43	15 30	1 28	23 43	0 53	5 8	1 12	20 48	0 48	20 22	0 8	18 3	0 18	18 43	4 34	5 15	4 41	5 53	15 22	2 21
T 26	18 22	6 17	0 12	22 9	0 53	15 6	1 28	23 39	0 54	5 3	1 12	20 49	0 48	20 23	0 8	18 4	0 18	18 43	4 34	5 15	4 42	5 56	15 23	2 21
W27	18 7	0s40	1s 7	21 57	1 2	14 41	1 28	23 36	0 54	4 59	1 12	20 50	0 48	20 23	0 8	18 4	0 18	18 43	4 34	5 15	4 44	6 0	15 23	2 21
T 28	17 52	7 31	2 21	21 42	1 10	14 15	1 28	23 31	0 55	4 54	1 12	20 51	0 49	20 23	0 8	18 4	0 18	18 43	4 34	5 15	4 45	6 3	15 23	2 21
F 29	17 36	13 56	3 25	21 25	1 18	13 49	1 27	23 27	0 55	4 50	1 12	20 52	0 49	20 24	0 8	18 5	0 18	18 43	4 34	5 14	4 46	6 7	15 24	2 21
S 30	17 20	19 34	4 16	21 5	1 24	13 23	1 27	23 23	0 56	4 45	1 12	20 53	0 49	20 24	0 8	18 5	0 18	18 43	4 33	5 14	4 47	6 10	15 24	2 21
S 31	17n 4	24s 3	4s52	20n42	1n30	12n57	1n27	23n18	0n56	4n40	1n11	20s54	0s49	20n24	0s 8	18s 6	0s18	18s44	4n33	5s14	4s49	6n13	15s24	2n21

Julian Day Number = 2093794.5, Delta T = 22m47s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'15, Lahiri = 10°12'16 Julian Calendar 1 July 1020 == Greg. Calendar 7 July 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

AUGUST 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 0 54	13♌45'52	9♐36	6♌29	1♍ 3	18♋26	21♍12	0°R39	1♊23	10°R 6	21°R 4	16°R46	17♓50	11♈ 5	19♏23	M 1
T 2	21 4 51	14°43'41	23° 7	8°29	2°17	19° 4	21°24	0♒35	1°24	10♒ 5	21♐ 4	16♓43	17°47	11°12	19°25	T 2
W 3	21 8 47	15°41'31	6♑24	10°29	3°31	19°42	21°36	0°30	1°26	10° 3	21° 3	16°38	17°44	11°18	19°27	W 3
T 4	21 12 44	16°39'22	19°28	12°29	4°45	20°21	21°47	0°26	1°27	10° 1	21° 2	16°33	17°41	11°25	19°29	T 4
F 5	21 16 40	17°37'15	2♒19	14°29	5°59	20°59	21°59	0°22	1°28	10° 0	21° 1	16°29	17°37	11°32	19°31	F 5
S 6	21 20 37	18°35'09	14°55	16°28	7°13	21°37	22°11	0°18	1°30	9°58	21° 1	16°25	17°34	11°38	19°33	S 6
S 7	21 24 34	19°33'05	27°19	18°27	8°26	22°16	22°23	0°14	1°31	9°56	21° 0	16°22	17°31	11°45	19°35	S 7
M 8	21 28 30	20°31'02	9♓30	20°25	9°40	22°54	22°34	0°10	1°32	9°55	21° 0	16°21	17°28	11°52	19°37	M 8
T 9	21 32 27	21°29'01	21°31	22°21	10°54	23°32	22°46	0° 6	1°34	9°53	20°59	16°D21	17°25	11°58	19°39	T 9
W10	21 36 23	22°27'02	3♈25	24°17	12° 8	24°10	22°58	0° 2	1°35	9°52	20°58	16°22	17°22	12° 5	19°42	W10
T 11	21 40 20	23°25'05	15°14	26°12	13°22	24°48	23°10	29♑58	1°36	9°50	20°58	16°23	17°18	12°12	19°44	T 11
F 12	21 44 16	24°23'10	27° 2	28° 5	14°36	25°27	23°22	29°54	1°37	9°48	20°57	16°25	17°15	12°18	19°47	F 12
S 13	21 48 13	25°21'16	8♉55	29°58	15°50	26° 5	23°35	29°50	1°38	9°47	20°57	16°26	17°12	12°25	19°50	S 13
S 14	21 52 9	26°19'25	20°55	1♍49	17° 3	26°43	23°47	29°46	1°39	9°45	20°57	16°R27	17° 9	12°32	19°53	S 14
M15	21 56 6	27°17'36	3♊ 9	3°39	18°17	27°21	23°59	29°42	1°40	9°44	20°56	16°27	17° 6	12°38	19°55	M15
T 16	22 0 3	28°15'49	15°40	5°28	19°31	27°59	24°11	29°39	1°41	9°42	20°56	16°26	17° 3	12°45	19°58	T 16
W17	22 3 59	29°14'04	28°33	7°15	20°45	28°37	24°24	29°35	1°41	9°41	20°55	16°25	16°59	12°52	20° 2	W17
T 18	22 7 56	0♍12'21	11♋50	9° 2	21°59	29°14	24°36	29°32	1°42	9°39	20°55	16°23	16°56	12°58	20° 5	T 18
F 19	22 11 52	1°10'41	25°33	10°47	23°13	29°52	24°48	29°28	1°43	9°38	20°55	16°21	16°53	13° 5	20° 8	F 19
S 20	22 15 49	2° 9'02	9♌41	12°31	24°26	0♌30	25° 1	29°25	1°44	9°36	20°55	16°19	16°50	13°12	20°11	S 20
S 21	22 19 45	3° 7'25	24°10	14°14	25°40	1° 8	25°13	29°21	1°44	9°35	20°54	16°17	16°47	13°18	20°15	S 21
M22	22 23 42	4° 5'50	8♍55	15°56	26°54	1°46	25°26	29°18	1°45	9°33	20°54	16°17	16°43	13°25	20°18	M22
T 23	22 27 38	5° 4'17	23°49	17°37	28° 8	2°24	25°38	29°15	1°45	9°32	20°54	16°D17	16°40	13°31	20°22	T 23
W24	22 31 35	6° 2'45	8♎44	19°17	29°22	3° 1	25°51	29°12	1°46	9°30	20°54	16°17	16°37	13°38	20°26	W24
T 25	22 35 32	7° 1'16	23°32	20°55	0♎35	3°39	26° 3	29° 9	1°46	9°29	20°54	16°18	16°34	13°45	20°29	T 25
F 26	22 39 28	7°59'48	8♏ 8	22°33	1°49	4°17	26°16	29° 6	1°46	9°28	20°54	16°19	16°31	13°51	20°33	F 26
S 27	22 43 25	8°58'22	22°26	24° 9	3° 3	4°54	26°29	29° 3	1°47	9°26	20°D54	16°19	16°28	13°58	20°37	S 27
S 28	22 47 21	9°56'58	6♐25	25°45	4°17	5°32	26°41	29° 0	1°47	9°25	20°54	16°R19	16°24	14° 5	20°41	S 28
M29	22 51 18	10°55'35	20° 4	27°19	5°30	6° 9	26°54	28°57	1°47	9°24	20°54	16°19	16°21	14°11	20°45	M29
T 30	22 55 14	11°54'14	3♑23	28°53	6°44	6°47	27° 7	28°54	1°47	9°22	20°54	16°19	16°18	14°18	20°49	T 30
W31	22 59 11	12♍52'55	16♑24	0♎25	7♎58	7♌24	27♍20	28♑52	1♊47	9♒21	20♐54	16♓19	16♓15	14♈25	20♏54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n47	27s 7	5s10	20n17	1n35	12n30	1n26	23n14	0n57	4n36	1n11	20s55	0s49	20n25	0s 8	18s 6	0s18	18s44	4n33	5s15	4s50	6n17	15s25	2n21
T 2	16 30	28 33	5 10	19 50	1 39	12 3	1 25	23 9	0 57	4 31	1 11	20 56	0 49	20 25	0 8	18 7	0 18	18 44	4 33	5 16	4 51	6 20	15 25	2 21
W 3	16 13	28 18	4 54	19 20	1 42	11 35	1 25	23 4	0 57	4 26	1 11	20 57	0 49	20 25	0 8	18 7	0 18	18 44	4 32	5 18	4 52	6 23	15 26	2 21
T 4	15 56	26 28	4 23	18 49	1 44	11 7	1 24	22 58	0 58	4 22	1 11	20 58	0 49	20 26	0 8	18 8	0 19	18 44	4 32	5 20	4 54	6 27	15 26	2 21
F 5	15 38	23 17	3 38	18 15	1 46	10 39	1 23	22 53	0 58	4 17	1 11	20 59	0 49	20 26	0 8	18 8	0 19	18 44	4 32	5 22	4 55	6 30	15 27	2 20
S 6	15 20	19 3	2 44	17 40	1 46	10 11	1 22	22 47	0 59	4 12	1 11	21 0	0 49	20 26	0 8	18 9	0 19	18 45	4 32	5 23	4 56	6 34	15 28	2 20
S 7	15 2	14 5	1 43	17 4	1 47	9 42	1 21	22 42	0 59	4 7	1 11	21 1	0 49	20 27	0 8	18 9	0 19	18 45	4 32	5 24	4 57	6 37	15 28	2 20
M 8	14 44	8 38	0 38	16 26	1 46	9 13	1 20	22 36	1 0	4 3	1 11	21 2	0 49	20 27	0 8	18 9	0 19	18 45	4 31	5 25	4 59	6 40	15 29	2 20
T 9	14 25	2 57	0n28	15 47	1 45	8 44	1 19	22 30	1 0	3 58	1 11	21 3	0 49	20 27	0 8	18 10	0 19	18 45	4 31	5 25	5 0	6 44	15 29	2 20
W10	14 6	2n47	1 33	15 7	1 43	8 15	1 18	22 24	1 1	3 53	1 11	21 3	0 49	20 27	0 8	18 10	0 19	18 45	4 31	5 25	5 1	6 47	15 30	2 20
T 11	13 47	8 22	2 33	14 26	1 41	7 45	1 17	22 17	1 1	3 48	1 10	21 4	0 49	20 27	0 8	18 11	0 19	18 46	4 31	5 24	5 2	6 50	15 31	2 20
F 12	13 28	13 40	3 26	13 44	1 38	7 15	1 16	22 11	1 2	3 43	1 10	21 5	0 49	20 28	0 8	18 11	0 19	18 46	4 30	5 23	5 4	6 54	15 32	2 20
S 13	13 8	18 30	4 11	13 2	1 35	6 45	1 14	22 4	1 2	3 38	1 10	21 6	0 50	20 28	0 8	18 12	0 19	18 46	4 30	5 23	5 5	6 57	15 32	2 20
S 14	12 49	22 40	4 45	12 18	1 31	6 15	1 13	21 57	1 3	3 33	1 10	21 7	0 50	20 28	0 8	18 12	0 19	18 46	4 30	5 22	5 6	7 0	15 33	2 20
M15	12 29	25 55	5 8	11 35	1 27	5 45	1 11	21 50	1 3	3 28	1 10	21 8	0 50	20 28	0 8	18 12	0 19	18 46	4 30	5 22	5 7	7 4	15 34	2 20
T 16	12 8	28 2	5 16	10 51	1 23	5 14	1 10	21 43	1 4	3 24	1 10	21 9	0 50	20 28	0 8	18 13	0 19	18 47	4 29	5 23	5 9	7 7	15 35	2 20
W17	11 48	28 43	5 9	10 6	1 18	4 44	1 8	21 36	1 4	3 19	1 10	21 9	0 50	20 29	0 8	18 13	0 19	18 47	4 29	5 23	5 10	7 10	15 36	2 20
T 18	11 28	27 47	4 45	9 21	1 13	4 13	1 7	21 28	1 4	3 14	1 10	21 10	0 50	20 29	0 8	18 14	0 19	18 47	4 29	5 24	5 11	7 14	15 36	2 20
F 19	11 7	25 10	4 5	8 36	1 8	3 42	1 5	21 21	1 5	3 9	1 10	21 11	0 50	20 29	0 8	18 14	0 19	18 47	4 29	5 25	5 12	7 17	15 37	2 20
S 20	10 46	20 57	3 9	7 51	1 2	3 11	1 3	21 13	1 5	3 4	1 10	21 12	0 50	20 29	0 8	18 15	0 19	18 47	4 29	5 26	5 14	7 21	15 38	2 20
S 21	10 25	15 25	1 59	7 6	0 56	2 40	1 1	21 5	1 6	2 59	1 10	21 12	0 50	20 29	0 8	18 15	0 19	18 48	4 28	5 26	5 15	7 24	15 39	2 20
M22	10 4	8 54	0 41	6 20	0 50	2 9	0 59	20 57	1 6	2 53	1 10	21 13	0 50	20 29	0 8	18 15	0 19	18 48	4 28	5 27	5 16	7 27	15 40	2 20
T 23	9 42	1 50	0s42	5 35	0 44	1 37	0 57	20 49	1 7	2 48	1 10	21 14	0 50	20 29	0 8	18 16	0 19	18 48	4 28	5 27	5 17	7 31	15 41	2 20
W24	9 21	5s20	2 1	4 50	0 37	1 6	0 55	20 41	1 7	2 43	1 10	21 15	0 50	20 30	0 8	18 16	0 19	18 48	4 28	5 26	5 19	7 34	15 42	2 20
T 25	8 59	12 10	3 12	4 5	0 30	0 35	0 53	20 32	1 8	2 38	1 10	21 15	0 50	20 30	0 8	18 17	0 19	18 49	4 27	5 26	5 20	7 37	15 43	2 20
F 26	8 37	18 13	4 10	3 20	0 23	0 3	0 51	20 24	1 8	2 33	1 9	21 16	0 50	20 30	0 8	18 17	0 19	18 49	4 27	5 26	5 21	7 41	15 44	2 20
S 27	8 15	23 9	4 50	2 35	0 16	0s28	0 49	20 15	1 8	2 28	1 9	21 17	0 50	20 30	0 8	18 17	0 19	18 49	4 27	5 26	5 22	7 44	15 45	2 20
S 28	7 53	26 38	5 13	1 51	0 9	1 0	0 47	20 6	1 9	2 23	1 9	21 17	0 50	20 30	0 8	18 18	0 19	18 49	4 27	5 25	5 24	7 47	15 46	2 20
M29	7 30	28 27	5 17	1 6	0 2	1 31	0 45	19 57	1 9	2 18	1 9	21 18	0 50	20 30	0 8	18 18	0 19	18 50	4 26	5 25	5 25	7 51	15 47	2 20
T 30	7 8	28 35	5 4	0 22	0s 5	2 2	0 42	19 48	1 10	2 13	1 9	21 18	0 50	20 30	0 8	18 18	0 19	18 50	4 26	5 26	5 26	7 54	15 48	2 20
W31	6n46	27s 6	4s35	0s22	0s13	2s34	0n40	19n39	1n10	2n 8	1n 9	21s19	0s50	20n30	0s 8	18s19	0s19	18s50	4n26	5s26	5s27	7n57	15s49	2n20

Julian Day Number = 2093825.5, Delta T = 22m46s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'20, Lahiri = 10°12'20 Julian Calendar 1 Aug. 1020 == Greg. Calendar 7 Aug. 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

SEPTEMBER 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 3 7	13♍51'37	29♉ 9	1♎56	9♎11	8♌ 2	27♍33	28°R49	1°R48	9°R20	20♐54	16°R18	16♓12	14♈31	20♏58	T 1
F 2	23 7 4	14°50'22	11♒40	3°27	10°25	8°39	27°45	28♉47	1♊48	9♒18	20°54	16♓18	16° 9	14°38	21° 2	F 2
S 3	23 11 1	15°49'08	23°59	4°56	11°39	9°16	27°58	28°44	1°47	9°17	20°54	16°18	16° 5	14°45	21° 7	S 3
S 4	23 14 57	16°47'56	6♓ 8	6°24	12°52	9°54	28°11	28°42	1°47	9°16	20°55	16°D18	16° 2	14°51	21°11	S 4
M 5	23 18 54	17°46'46	18° 9	7°52	14° 6	10°31	28°24	28°40	1°47	9°15	20°55	16°R18	15°59	14°58	21°16	M 5
T 6	23 22 50	18°45'38	0♈ 3	9°18	15°20	11° 8	28°37	28°38	1°47	9°14	20°55	16°18	15°56	15° 5	21°21	T 6
W 7	23 26 47	19°44'32	11°53	10°43	16°33	11°46	28°50	28°36	1°47	9°12	20°55	16°18	15°53	15°11	21°25	W 7
T 8	23 30 43	20°43'29	23°42	12° 7	17°47	12°23	29° 3	28°34	1°46	9°11	20°56	16°17	15°49	15°18	21°30	T 8
F 9	23 34 40	21°42'27	5♉31	13°30	19° 0	13° 0	29°16	28°32	1°46	9°10	20°56	16°17	15°46	15°25	21°35	F 9
S 10	23 38 36	22°41'28	17°24	14°52	20°14	13°37	29°29	28°31	1°46	9° 9	20°57	16°16	15°43	15°31	21°40	S 10
S 11	23 42 33	23°40'31	29°25	16°13	21°28	14°14	29°42	28°29	1°45	9° 8	20°57	16°15	15°40	15°38	21°45	S 11
M12	23 46 30	24°39'37	11♊37	17°33	22°41	14°51	29°55	28°27	1°45	9° 7	20°58	16°14	15°37	15°45	21°50	M12
T 13	23 50 26	25°38'45	24° 5	18°51	23°55	15°28	0♎ 8	28°26	1°44	9° 6	20°58	16°D14	15°34	15°51	21°55	T 13
W14	23 54 23	26°37'55	6♋53	20° 8	25° 8	16° 5	0°21	28°25	1°43	9° 5	20°59	16°14	15°30	15°58	22° 1	W14
T 15	23 58 19	27°37'08	20° 3	21°23	26°22	16°42	0°34	28°23	1°43	9° 4	20°59	16°15	15°27	16° 5	22° 6	T 15
F 16	0 2 16	28°36'23	3♌40	22°38	27°35	17°19	0°47	28°22	1°42	9° 3	21° 0	16°16	15°24	16°11	22°11	F 16
S 17	0 6 12	29°35'41	17°44	23°50	28°49	17°56	1° 0	28°21	1°41	9° 2	21° 0	16°17	15°21	16°18	22°17	S 17
S 18	0 10 9	0♎35'00	2♍13	25° 1	0♏ 2	18°33	1°13	28°20	1°40	9° 1	21° 1	16°18	15°18	16°25	22°22	S 18
M19	0 14 5	1°34'22	17° 5	26°10	1°16	19°10	1°26	28°19	1°39	9° 0	21° 2	16°R18	15°14	16°31	22°28	M19
T 20	0 18 2	2°33'46	2♎11	27°17	2°29	19°46	1°39	28°19	1°39	9° 0	21° 2	16°18	15°11	16°38	22°34	T 20
W21	0 21 58	3°33'12	17°23	28°22	3°42	20°23	1°52	28°18	1°38	8°59	21° 3	16°16	15° 8	16°45	22°39	W21
T 22	0 25 55	4°32'40	2♏31	29°25	4°56	21° 0	2° 5	28°17	1°37	8°58	21° 4	16°14	15° 5	16°51	22°45	T 22
F 23	0 29 52	5°32'10	17°27	0♏25	6° 9	21°37	2°18	28°17	1°35	8°57	21° 5	16°12	15° 2	16°58	22°51	F 23
S 24	0 33 48	6°31'43	2♐ 2	1°22	7°23	22°13	2°31	28°17	1°34	8°57	21° 6	16° 9	14°59	17° 5	22°57	S 24
S 25	0 37 45	7°31'16	16°13	2°17	8°36	22°50	2°44	28°16	1°33	8°56	21° 6	16° 7	14°55	17°11	23° 3	S 25
M26	0 41 41	8°30'52	29°56	3° 8	9°49	23°26	2°57	28°16	1°32	8°55	21° 7	16° 6	14°52	17°18	23° 8	M26
T 27	0 45 38	9°30'30	13♑14	3°55	11° 3	24° 3	3°10	28°D16	1°31	8°55	21° 8	16°D 6	14°49	17°25	23°15	T 27
W28	0 49 34	10°30'09	26° 9	4°39	12°16	24°39	3°23	28°16	1°29	8°54	21° 9	16° 7	14°46	17°31	23°21	W28
T 29	0 53 31	11°29'50	8♒44	5°18	13°29	25°16	3°36	28°16	1°28	8°54	21°10	16° 8	14°43	17°38	23°27	T 29
F 30	0 57 27	12♎29'33	21♒ 2	5♏52	14♏42	25♌52	3♎49	28♉17	1♊27	8♒53	21♐11	16♓10	14♓40	17♈45	23♏33	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	6n23	24s14	3s53	1s 5	0s20	3s 5	0n38	19n30	1n11	2n 2	1n 9	21s19	0s50	20n30	0s 8	18s19	0s19	18s50	4n26	5s26	5s28	8n 0	15s51	2n20	
F 2	6 0	20 16	3 1	1 48	0 28	3 36	0 35	19 20	1 11	1 57	1 9	21 20	0 50	20 30	0 8	18 19	0 19	18 51	4 25	5 26	5 30	8 4	15 52	2 20	
S 3	5 37	15 30	2 1	2 30	0 35	4 8	0 33	19 11	1 12	1 52	1 9	21 20	0 50	20 30	0 8	18 20	0 19	18 51	4 25	5 26	5 31	8 7	15 53	2 20	
S 4	5 14	10 11	0 56	3 13	0 43	4 39	0 30	19 1	1 12	1 47	1 9	21 21	0 50	20 30	0 8	18 20	0 19	18 51	4 25	5 26	5 32	8 10	15 54	2 20	
M 5	4 51	4 33	0n10	3 54	0 50	5 10	0 28	18 51	1 12	1 42	1 9	21 21	0 50	20 30	0 8	18 20	0 19	18 51	4 25	5 26	5 33	8 14	15 55	2 20	
T 6	4 28	1n11	1 16	4 35	0 58	5 41	0 25	18 42	1 13	1 37	1 9	21 22	0 50	20 30	0 8	18 21	0 19	18 52	4 24	5 26	5 35	8 17	15 56	2 20	
W 7	4 5	6 50	2 17	5 16	1 5	6 12	0 22	18 32	1 13	1 31	1 9	21 22	0 50	20 30	0 8	18 21	0 19	18 52	4 24	5 26	5 36	8 20	15 58	2 20	
T 8	3 42	12 14	3 13	5 56	1 13	6 43	0 20	18 21	1 14	1 26	1 9	21 23	0 50	20 30	0 8	18 21	0 19	18 52	4 24	5 26	5 37	8 24	15 59	2 20	
F 9	3 18	17 12	4 1	6 36	1 20	7 13	0 17	18 11	1 14	1 21	1 9	21 23	0 50	20 30	0 8	18 22	0 19	18 52	4 24	5 27	5 38	8 27	16 0	2 20	
S 10	2 55	21 33	4 38	7 14	1 28	7 44	0 14	18 1	1 15	1 16	1 9	21 23	0 50	20 30	0 8	18 22	0 19	18 53	4 23	5 27	5 40	8 30	16 2	2 20	
S 11	2 31	25 4	5 4	7 52	1 35	8 14	0 12	17 51	1 15	1 11	1 9	21 24	0 50	20 29	0 8	18 22	0 19	18 53	4 23	5 27	5 41	8 34	16 3	2 20	
M12	2 8	27 31	5 16	8 30	1 42	8 44	0 9	17 40	1 15	1 5	1 9	21 24	0 50	20 29	0 8	18 22	0 19	18 53	4 23	5 27	5 42	8 37	16 4	2 20	
T 13	1 44	28 40	5 14	9 7	1 50	9 14	0 6	17 29	1 16	1 0	1 9	21 24	0 50	20 29	0 8	18 23	0 19	18 53	4 23	5 28	5 43	8 40	16 5	2 20	
W14	1 21	28 20	4 57	9 42	1 57	9 44	0 3	17 19	1 16	0 55	1 9	21 25	0 50	20 29	0 8	18 23	0 19	18 54	4 22	5 27	5 45	8 43	16 7	2 20	
T 15	0 57	26 24	4 24	10 18	2 4	10 13	0 0	17 8	1 17	0 50	1 9	21 25	0 50	20 29	0 8	18 23	0 19	18 54	4 22	5 27	5 46	8 47	16 8	2 20	
F 16	0 33	22 55	3 35	10 52	2 10	10 43	0s 3	16 57	1 17	0 44	1 9	21 25	0 50	20 29	0 8	18 24	0 19	18 54	4 22	5 27	5 47	8 50	16 9	2 20	
S 17	0 10	18 0	2 32	11 25	2 17	11 12	0 6	16 46	1 18	0 39	1 9	21 25	0 50	20 29	0 8	18 24	0 19	18 55	4 22	5 26	5 48	8 53	16 11	2 20	
S 18	0s14	11 56	1 17	11 57	2 23	11 41	0 8	16 35	1 18	0 34	1 9	21 26	0 50	20 28	0 8	18 24	0 19	18 55	4 22	5 26	5 50	8 57	16 12	2 20	
M19	0 38	5 4	0s 4	12 28	2 29	12 9	0 11	16 24	1 18	0 29	1 9	21 26	0 50	20 28	0 8	18 24	0 19	18 55	4 21	5 26	5 51	9 0	16 14	2 20	
T 20	1 1	2s12	1 27	12 58	2 35	12 37	0 14	16 13	1 19	0 24	1 9	21 26	0 50	20 28	0 8	18 24	0 19	18 55	4 21	5 26	5 52	9 3	16 15	2 20	
W21	1 25	9 23	2 44	13 27	2 41	13 5	0 17	16 1	1 19	0 18	1 9	21 26	0 50	20 28	0 8	18 25	0 19	18 56	4 21	5 27	5 53	9 6	16 16	2 20	
T 22	1 49	15 59	3 48	13 54	2 46	13 33	0 20	15 50	1 20	0 13	1 9	21 26	0 50	20 28	0 8	18 25	0 19	18 56	4 21	5 28	5 54	9 10	16 18	2 20	
F 23	2 13	21 33	4 37	14 20	2 51	14 1	0 23	15 38	1 20	0 8	1 9	21 26	0 50	20 28	0 8	18 25	0 19	18 56	4 20	5 28	5 56	9 13	16 19	2 20	
S 24	2 36	25 40	5 6	14 45	2 55	14 28	0 26	15 27	1 21	0 3	1 9	21 26	0 50	20 27	0 8	18 25	0 19	18 56	4 20	5 29	5 57	9 16	16 21	2 20	
S 25	3 0	28 5	5 15	15 8	2 59	14 54	0 29	15 15	1 21	0s 2	1 9	21 26	0 50	20 27	0 8	18 25	0 19	18 57	4 20	5 30	5 58	9 20	16 22	2 20	
M26	3 24	28 40	5 6	15 29	3 3	15 21	0 32	15 4	1 21	0 8	1 9	21 26	0 50	20 27	0 8	18 26	0 19	18 57	4 20	5 31	5 59	9 23	16 24	2 20	
T 27	3 47	27 34	4 41	15 48	3 6	15 47	0 35	14 52	1 22	0 13	1 9	21 26	0 50	20 27	0 8	18 26	0 19	18 57	4 19	5 31	6 1	9 26	16 25	2 21	
W28	4 11	24 59	4 2	16 5	3 8	16 12	0 38	14 40	1 22	0 18	1 9	21 26	0 50	20 26	0 8	18 26	0 19	18 58	4 19	5 31	6 2	9 29	16 26	2 21	
T 29	4 34	21 15	3 12	16 20	3 10	16 38	0 41	14 28	1 23	0 23	1 9	21 26	0 50	20 26	0 8	18 26	0 19	18 58	4 19	5 30	6 3	9 33	16 28	2 21	
F 30	4s58	16s40	2s14	16s32	3s10	17s 2	0s44	14n16	1n23	0s28	1n 9	21s26	0s50	20n26	0s 8	18s26	0s19	18s58	4n19	5s29	6s 4	9n36	16s29	2n21	

Julian Day Number = 2093856.5, Delta T = 22m46s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'24, Lahiri = 10°12'24 Julian Calendar 1 Sept. 1020 == Greg. Calendar 7 Sept. 1020

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1020
geocentric

OCTOBER 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 1 24	13♎29'17	3♓ 9	6♏21	15♏56	26♌28	4♎ 2	28♑17	1°R25	8°R53	21♐12	16♓11	14♓36	17♈51	23♏39	S 1
S 2	1 5 21	14°29'03	15° 7	6°43	17° 9	27° 5	4°15	28°18	1♊24	8♒52	21°13	16°R12	14°33	17°58	23°45	S 2
M 3	1 9 17	15°28'51	27° 0	7° 0	18°22	27°41	4°28	28°18	1°22	8°52	21°14	16°11	14°30	18° 5	23°52	M 3
T 4	1 13 14	16°28'42	8♈49	7° 9	19°35	28°17	4°41	28°19	1°21	8°51	21°16	16° 9	14°27	18°11	23°58	T 4
W 5	1 17 10	17°28'34	20°38	7°R11	20°48	28°53	4°54	28°20	1°19	8°51	21°17	16° 6	14°24	18°18	24° 4	W 5
T 6	1 21 7	18°28'28	2♉28	7° 4	22° 1	29°29	5° 6	28°20	1°17	8°51	21°18	16° 1	14°20	18°25	24°11	T 6
F 7	1 25 3	19°28'24	14°22	6°49	23°14	0♍ 5	5°19	28°21	1°16	8°50	21°19	15°54	14°17	18°31	24°17	F 7
S 8	1 29 0	20°28'22	26°20	6°24	24°27	0°42	5°32	28°23	1°14	8°50	21°20	15°48	14°14	18°38	24°24	S 8
S 9	1 32 56	21°28'23	8♊26	5°51	25°41	1°18	5°45	28°24	1°12	8°50	21°22	15°42	14°11	18°45	24°30	S 9
M10	1 36 53	22°28'25	20°42	5° 8	26°54	1°53	5°58	28°25	1°11	8°50	21°23	15°37	14° 8	18°51	24°37	M10
T 11	1 40 50	23°28'30	3♋10	4°16	28° 7	2°29	6°11	28°26	1° 9	8°50	21°24	15°33	14° 5	18°58	24°44	T 11
W12	1 44 46	24°28'37	15°54	3°15	29°19	3° 5	6°23	28°28	1° 7	8°49	21°26	15°31	14° 1	19° 5	24°50	W12
T 13	1 48 43	25°28'46	28°57	2° 8	0♐32	3°41	6°36	28°29	1° 5	8°49	21°27	15°D30	13°58	19°11	24°57	T 13
F 14	1 52 39	26°28'57	12♌24	0°54	1°45	4°17	6°49	28°31	1° 3	8°49	21°28	15°31	13°55	19°18	25° 4	F 14
S 15	1 56 36	27°29'10	26°15	29♎37	2°58	4°53	7° 1	28°33	1° 1	8°D49	21°30	15°33	13°52	19°25	25°11	S 15
S 16	2 0 32	28°29'26	10♍32	28°18	4°11	5°28	7°14	28°35	0°59	8°49	21°31	15°R34	13°49	19°31	25°18	S 16
M17	2 4 29	29°29'43	25°13	27° 0	5°24	6° 4	7°26	28°37	0°57	8°49	21°33	15°34	13°46	19°38	25°24	M17
T 18	2 8 25	0♏30'02	10♎13	25°46	6°37	6°39	7°39	28°39	0°55	8°49	21°34	15°31	13°42	19°45	25°31	T 18
W19	2 12 22	1°30'24	25°27	24°37	7°49	7°15	7°52	28°41	0°53	8°49	21°36	15°27	13°39	19°51	25°38	W19
T 20	2 16 19	2°30'47	10♏42	23°36	9° 2	7°50	8° 4	28°43	0°51	8°50	21°37	15°21	13°36	19°58	25°45	T 20
F 21	2 20 15	3°31'12	25°49	22°45	10°15	8°26	8°16	28°46	0°49	8°50	21°39	15°13	13°33	20° 5	25°52	F 21
S 22	2 24 12	4°31'38	10♐37	22° 5	11°28	9° 1	8°29	28°48	0°46	8°50	21°40	15° 5	13°30	20°11	25°59	S 22
S 23	2 28 8	5°32'06	25° 0	21°36	12°40	9°37	8°41	28°51	0°44	8°50	21°42	14°58	13°26	20°18	26° 6	S 23
M24	2 32 5	6°32'36	8♑54	21°18	13°53	10°12	8°53	28°54	0°42	8°51	21°44	14°53	13°23	20°25	26°13	M24
T 25	2 36 1	7°33'06	22°19	21°D12	15° 5	10°47	9° 6	28°56	0°40	8°51	21°45	14°49	13°20	20°32	26°20	T 25
W26	2 39 58	8°33'38	5♒16	21°18	16°18	11°22	9°18	28°59	0°37	8°51	21°47	14°D48	13°17	20°38	26°27	W26
T 27	2 43 54	9°34'12	17°49	21°34	17°30	11°57	9°30	29° 2	0°35	8°52	21°49	14°48	13°14	20°45	26°34	T 27
F 28	2 47 51	10°34'46	0♓ 4	21°59	18°43	12°32	9°42	29° 5	0°33	8°52	21°50	14°49	13°11	20°52	26°42	F 28
S 29	2 51 48	11°35'22	12° 5	22°34	19°55	13° 7	9°54	29° 8	0°30	8°52	21°52	14°R50	13° 7	20°58	26°49	S 29
S 30	2 55 44	12°35'59	23°58	23°16	21° 7	13°42	10° 6	29°11	0°28	8°53	21°54	14°50	13° 4	21° 5	26°56	S 30
M31	2 59 41	13♏36'38	5♈46	24♎ 5	22♐20	14♍17	10♎18	29♑15	0♊26	8♒53	21♐55	14♓47	13♓ 1	21♈12	27♏ 3	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s21	11s31	1s11	16s42	3s11	17s27	0s47	14n 4	1n23	0s33	1n 9	21s26	0s50	20n25	0s 8	18s26	0s19	18s59	4n19	5s29	6s 6	9n39	16s31	2n21
S 2	5 44	5 59	0 6	16 49	3 10	17 51	0 50	13 52	1 24	0 38	1 9	21 26	0 50	20 25	0 8	18 26	0 19	18 59	4 18	5 28	6 7	9 42	16 32	2 21
M 3	6 8	0 18	0n59	16 52	3 8	18 14	0 53	13 40	1 24	0 44	1 9	21 26	0 50	20 25	0 8	18 27	0 19	18 59	4 18	5 29	6 8	9 46	16 34	2 21
T 4	6 31	5n22	2 1	16 52	3 4	18 37	0 56	13 27	1 25	0 49	1 9	21 26	0 50	20 25	0 8	18 27	0 19	18 59	4 18	5 29	6 9	9 49	16 35	2 21
W 5	6 54	10 50	2 57	16 49	3 0	19 0	0 59	13 15	1 25	0 54	1 9	21 26	0 50	20 24	0 8	18 27	0 19	19 0	4 18	5 31	6 11	9 52	16 37	2 21
T 6	7 17	15 56	3 46	16 41	2 54	19 22	1 2	13 3	1 26	0 59	1 9	21 25	0 50	20 24	0 8	18 27	0 19	19 0	4 17	5 33	6 12	9 55	16 38	2 21
F 7	7 40	20 27	4 25	16 29	2 47	19 44	1 5	12 50	1 26	1 4	1 9	21 25	0 50	20 24	0 8	18 27	0 19	19 0	4 17	5 35	6 13	9 59	16 40	2 21
S 8	8 2	24 11	4 53	16 12	2 38	20 5	1 8	12 38	1 26	1 9	1 9	21 25	0 50	20 23	0 8	18 27	0 19	19 1	4 17	5 38	6 14	10 2	16 41	2 21
S 9	8 25	26 54	5 8	15 51	2 27	20 25	1 10	12 25	1 27	1 14	1 9	21 25	0 50	20 23	0 8	18 27	0 19	19 1	4 17	5 40	6 15	10 5	16 43	2 21
M10	8 47	28 23	5 10	15 25	2 14	20 45	1 13	12 13	1 27	1 19	1 9	21 25	0 50	20 22	0 8	18 27	0 19	19 1	4 17	5 42	6 17	10 8	16 45	2 21
T 11	9 10	28 28	4 56	14 53	2 0	21 5	1 16	12 0	1 28	1 24	1 9	21 24	0 50	20 22	0 8	18 27	0 19	19 1	4 16	5 44	6 18	10 12	16 46	2 21
W12	9 32	27 3	4 28	14 18	1 44	21 24	1 19	11 48	1 28	1 29	1 10	21 24	0 50	20 22	0 8	18 27	0 19	19 2	4 16	5 44	6 19	10 15	16 48	2 21
T 13	9 54	24 10	3 46	13 38	1 26	21 42	1 21	11 35	1 28	1 34	1 10	21 24	0 50	20 21	0 8	18 27	0 19	19 2	4 16	5 45	6 20	10 18	16 49	2 22
F 14	10 16	19 54	2 50	12 54	1 7	22 0	1 24	11 22	1 29	1 39	1 10	21 23	0 50	20 21	0 8	18 27	0 19	19 2	4 16	5 44	6 22	10 21	16 51	2 22
S 15	10 38	14 27	1 43	12 8	0 48	22 17	1 27	11 9	1 29	1 44	1 10	21 23	0 50	20 21	0 8	18 27	0 19	19 3	4 16	5 44	6 23	10 24	16 52	2 22
S 16	11 0	8 5	0 27	11 21	0 27	22 34	1 29	10 57	1 30	1 49	1 10	21 22	0 50	20 20	0 8	18 27	0 19	19 3	4 15	5 43	6 24	10 28	16 54	2 22
M17	11 21	1 7	0s52	10 33	0 6	22 50	1 32	10 44	1 30	1 54	1 10	21 22	0 50	20 20	0 8	18 27	0 19	19 3	4 15	5 43	6 25	10 31	16 55	2 22
T 18	11 43	6s 3	2 9	9 47	0n14	23 5	1 34	10 31	1 30	1 59	1 10	21 22	0 50	20 19	0 8	18 27	0 19	19 4	4 15	5 44	6 26	10 34	16 57	2 22
W19	12 4	12 58	3 18	9 4	0 34	23 20	1 37	10 18	1 31	2 4	1 10	21 21	0 50	20 19	0 8	18 27	0 19	19 4	4 15	5 46	6 28	10 37	16 58	2 22
T 20	12 25	19 7	4 13	8 24	0 53	23 34	1 39	10 5	1 31	2 9	1 10	21 21	0 50	20 18	0 8	18 27	0 19	19 4	4 14	5 48	6 29	10 40	17 0	2 22
F 21	12 45	24 0	4 50	7 49	1 10	23 47	1 42	9 52	1 32	2 14	1 10	21 20	0 50	20 18	0 8	18 27	0 19	19 4	4 14	5 51	6 30	10 44	17 1	2 22
S 22	13 6	27 13	5 6	7 20	1 25	24 0	1 44	9 39	1 32	2 18	1 10	21 20	0 50	20 18	0 8	18 27	0 19	19 5	4 14	5 54	6 31	10 47	17 3	2 22
S 23	13 26	28 31	5 3	6 56	1 39	24 12	1 46	9 26	1 33	2 23	1 10	21 19	0 50	20 17	0 8	18 27	0 19	19 5	4 14	5 57	6 33	10 50	17 4	2 23
M24	13 46	27 56	4 41	6 39	1 50	24 23	1 48	9 13	1 33	2 28	1 10	21 19	0 50	20 17	0 8	18 27	0 19	19 5	4 14	5 59	6 34	10 53	17 6	2 23
T 25	14 6	25 44	4 4	6 28	2 0	24 34	1 51	9 0	1 33	2 33	1 10	21 18	0 50	20 16	0 8	18 27	0 19	19 6	4 14	6 1	6 35	10 56	17 8	2 23
W26	14 26	22 14	3 16	6 22	2 8	24 44	1 53	8 47	1 34	2 38	1 10	21 17	0 50	20 16	0 8	18 27	0 19	19 6	4 13	6 1	6 36	11 0	17 9	2 23
T 27	14 45	17 48	2 20	6 23	2 14	24 53	1 55	8 34	1 34	2 42	1 11	21 17	0 50	20 15	0 8	18 27	0 19	19 6	4 13	6 1	6 38	11 3	17 11	2 23
F 28	15 5	12 44	1 19	6 28	2 19	25 1	1 57	8 21	1 35	2 47	1 11	21 16	0 50	20 15	0 8	18 27	0 19	19 6	4 13	6 1	6 39	11 6	17 12	2 23
S 29	15 23	7 18	0 15	6 38	2 22	25 9	1 59	8 8	1 35	2 52	1 11	21 15	0 50	20 14	0 8	18 26	0 19	19 7	4 13	6 0	6 40	11 9	17 14	2 23
S 30	15 42	1 40	0n49	6 52	2 23	25 16	2 0	7 55	1 35	2 56	1 11	21 15	0 50	20 14	0 8	18 26	0 19	19 7	4 13	6 0	6 41	11 12	17 15	2 23
M31	16s 1	3n59	1n50	7s10	2n24	25s23	2s 2	7n41	1n36	3s 1	1n11	21s14	0s50	20n13	0s 8	18s26	0s19	19s 7	4n12	6s 1	6s42	11n16	17s17	2n24

Julian Day Number = 2093886.5, Delta T = 22m46s
Ecliptic obliquity = 23°34'08, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'28, Lahiri = 10°12'29 Julian Calendar 1 Oct. 1020 == Greg. Calendar 7 Oct. 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

NOVEMBER 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 3 37	14♏37'17	17♈34	25♎ 1	23♐32	14♍52	10♎30	29♑18	0°R23	8♒54	21♐57	14°R42	12♓58	21♈18	27♏10	T 1
W 2	3 7 34	15°37'58	29°24	26° 1	24°44	15°27	10°42	29°22	0♊21	8°55	21°59	14♓34	12°55	21°25	27°18	W 2
T 3	3 11 30	16°38'41	11♉19	27° 7	25°56	16° 1	10°54	29°25	0°18	8°55	22° 1	14°24	12°52	21°32	27°25	T 3
F 4	3 15 27	17°39'25	23°21	28°17	27° 8	16°36	11° 5	29°29	0°16	8°56	22° 3	14°12	12°48	21°38	27°32	F 4
S 5	3 19 23	18°40'10	5♊29	29°30	28°20	17°10	11°17	29°33	0°13	8°57	22° 5	14° 0	12°45	21°45	27°39	S 5
S 6	3 23 20	19°40'57	17°47	0♏46	29°32	17°45	11°28	29°37	0°11	8°57	22° 6	13°47	12°42	21°52	27°46	S 6
M 7	3 27 17	20°41'45	0♋13	2° 5	0♑44	18°19	11°40	29°40	0° 8	8°58	22° 8	13°36	12°39	21°58	27°54	M 7
T 8	3 31 13	21°42'34	12°50	3°25	1°56	18°54	11°51	29°44	0° 6	8°59	22°10	13°28	12°36	22° 5	28° 1	T 8
W 9	3 35 10	22°43'25	25°39	4°48	3° 8	19°28	12° 3	29°49	0° 3	9° 0	22°12	13°22	12°32	22°12	28° 8	W 9
T 10	3 39 6	23°44'18	8♌43	6°12	4°20	20° 2	12°14	29°53	0° 1	9° 1	22°14	13°19	12°29	22°18	28°16	T 10
F 11	3 43 3	24°45'12	22° 4	7°38	5°31	20°36	12°25	29°57	29♉58	9° 1	22°16	13°D18	12°26	22°25	28°23	F 11
S 12	3 46 59	25°46'07	5♍44	9° 5	6°43	21°10	12°36	0♒ 1	29°56	9° 2	22°18	13°R18	12°23	22°32	28°30	S 12
S 13	3 50 56	26°47'03	19°45	10°32	7°54	21°44	12°48	0° 6	29°53	9° 3	22°20	13°18	12°20	22°38	28°37	S 13
M14	3 54 52	27°48'01	4♎ 7	12° 1	9° 6	22°18	12°59	0°10	29°51	9° 4	22°22	13°16	12°17	22°45	28°45	M14
T 15	3 58 49	28°49'00	18°49	13°30	10°17	22°52	13° 9	0°15	29°48	9° 5	22°24	13°12	12°13	22°52	28°52	T 15
W16	4 2 46	29°50'01	3♏45	15° 0	11°28	23°26	13°20	0°19	29°46	9° 6	22°26	13° 6	12°10	22°58	28°59	W16
T 17	4 6 42	0♐51'03	18°48	16°30	12°40	24° 0	13°31	0°24	29°43	9° 7	22°28	12°56	12° 7	23° 5	29° 7	T 17
F 18	4 10 39	1°52'05	3♐48	18° 1	13°51	24°33	13°42	0°29	29°40	9° 9	22°30	12°45	12° 4	23°12	29°14	F 18
S 19	4 14 35	2°53'09	18°35	19°32	15° 2	25° 7	13°52	0°34	29°38	9°10	22°32	12°33	12° 1	23°18	29°21	S 19
S 20	4 18 32	3°54'14	3♑ 2	21° 3	16°13	25°40	14° 3	0°39	29°35	9°11	22°34	12°21	11°58	23°25	29°29	S 20
M21	4 22 28	4°55'19	17° 1	22°35	17°24	26°14	14°13	0°44	29°33	9°12	22°36	12°12	11°54	23°32	29°36	M21
T 22	4 26 25	5°56'24	0♒32	24° 6	18°35	26°47	14°24	0°49	29°30	9°13	22°38	12° 5	11°51	23°38	29°43	T 22
W23	4 30 22	6°57'31	13°35	25°38	19°45	27°20	14°34	0°54	29°28	9°15	22°40	12° 1	11°48	23°45	29°50	W23
T 24	4 34 18	7°58'37	26°12	27°11	20°56	27°53	14°44	0°59	29°25	9°16	22°42	12° 0	11°45	23°52	29°58	T 24
F 25	4 38 15	8°59'44	8♓29	28°43	22° 6	28°26	14°54	1° 5	29°23	9°17	22°45	11°59	11°42	23°59	0♐ 5	F 25
S 26	4 42 11	10° 0'51	20°31	0♐15	23°17	28°59	15° 4	1°10	29°20	9°19	22°47	11°59	11°38	24° 5	0°12	S 26
S 27	4 46 8	11° 1'59	2♈24	1°48	24°27	29°32	15°14	1°15	29°18	9°20	22°49	11°58	11°35	24°12	0°19	S 27
M28	4 50 4	12° 3'07	14°12	3°21	25°37	0♎ 4	15°23	1°21	29°15	9°21	22°51	11°55	11°32	24°19	0°26	M28
T 29	4 54 1	13° 4'15	26° 0	4°54	26°47	0°37	15°33	1°26	29°13	9°23	22°53	11°49	11°29	24°25	0°34	T 29
W30	4 57 57	14♐ 5'23	7♉54	6♐27	27♑57	1♎10	15♎43	1♒32	29♉10	9♒24	22♐55	11♓40	11♓26	24♈32	0♐41	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s19	9n29	2n46	7s31	2n23	25s28	2s 4	7n28	1n36	3s 5	1n11	21s13	0s50	20n13	0s 8	18s26	0s19	19s 8	4n12	6s 3	6s44	11n19	17s18	2n24
W 2	16 37	14 40	3 34	7 54	2 22	25 33	2 5	7 15	1 37	3 10	1 11	21 13	0 50	20 12	0 8	18 26	0 19	19 8	4 12	6 6	6 45	11 22	17 20	2 24
T 3	16 54	19 20	4 14	8 20	2 19	25 37	2 7	7 2	1 37	3 15	1 11	21 12	0 50	20 12	0 8	18 26	0 19	19 8	4 12	6 10	6 46	11 25	17 21	2 24
F 4	17 11	23 16	4 43	8 48	2 16	25 41	2 8	6 49	1 37	3 19	1 11	21 11	0 50	20 11	0 8	18 25	0 19	19 8	4 12	6 15	6 47	11 28	17 23	2 24
S 5	17 28	26 14	4 59	9 18	2 12	25 43	2 10	6 36	1 38	3 23	1 11	21 10	0 50	20 11	0 8	18 25	0 19	19 9	4 12	6 20	6 49	11 31	17 24	2 24
S 6	17 45	28 0	5 1	9 48	2 8	25 45	2 11	6 22	1 38	3 28	1 12	21 9	0 50	20 10	0 8	18 25	0 19	19 9	4 11	6 25	6 50	11 35	17 26	2 24
M 7	18 1	28 24	4 50	10 20	2 3	25 46	2 12	6 9	1 39	3 32	1 12	21 9	0 50	20 10	0 8	18 25	0 19	19 9	4 11	6 29	6 51	11 38	17 27	2 25
T 8	18 17	27 19	4 24	10 53	1 58	25 47	2 13	5 56	1 39	3 37	1 12	21 8	0 50	20 9	0 8	18 25	0 19	19 10	4 11	6 32	6 52	11 41	17 28	2 25
W 9	18 33	24 48	3 44	11 26	1 52	25 46	2 14	5 43	1 39	3 41	1 12	21 7	0 50	20 9	0 8	18 24	0 19	19 10	4 11	6 34	6 53	11 44	17 30	2 25
T 10	18 48	20 57	2 53	12 0	1 46	25 45	2 15	5 30	1 40	3 45	1 12	21 6	0 50	20 8	0 8	18 24	0 19	19 10	4 11	6 36	6 55	11 47	17 31	2 25
F 11	19 4	15 58	1 50	12 34	1 40	25 43	2 16	5 17	1 40	3 50	1 12	21 5	0 50	20 8	0 8	18 24	0 19	19 10	4 11	6 36	6 56	11 50	17 33	2 25
S 12	19 18	10 5	0 40	13 8	1 33	25 41	2 17	5 4	1 41	3 54	1 12	21 4	0 50	20 7	0 8	18 24	0 19	19 11	4 10	6 36	6 57	11 53	17 34	2 25
S 13	19 33	3 34	0s34	13 42	1 26	25 37	2 18	4 50	1 41	3 58	1 12	21 3	0 50	20 6	0 8	18 24	0 19	19 11	4 10	6 36	6 58	11 57	17 36	2 26
M14	19 47	3s18	1 48	14 16	1 20	25 33	2 18	4 37	1 41	4 2	1 12	21 2	0 50	20 6	0 8	18 23	0 19	19 11	4 10	6 36	7 0	12 0	17 37	2 26
T 15	20 0	10 7	2 56	14 49	1 13	25 28	2 19	4 24	1 42	4 6	1 13	21 1	0 50	20 5	0 8	18 23	0 19	19 11	4 10	6 38	7 1	12 3	17 38	2 26
W16	20 13	16 29	3 53	15 23	1 6	25 23	2 19	4 11	1 42	4 11	1 13	21 0	0 50	20 5	0 8	18 23	0 19	19 12	4 10	6 41	7 2	12 6	17 40	2 26
T 17	20 26	21 54	4 35	15 55	0 59	25 16	2 19	3 58	1 43	4 15	1 13	20 59	0 50	20 4	0 8	18 22	0 19	19 12	4 10	6 44	7 3	12 9	17 41	2 26
F 18	20 39	25 53	4 57	16 28	0 52	25 9	2 20	3 45	1 43	4 19	1 13	20 58	0 50	20 4	0 8	18 22	0 19	19 12	4 9	6 49	7 4	12 12	17 43	2 27
S 19	20 51	28 2	4 59	17 0	0 44	25 2	2 20	3 32	1 43	4 23	1 13	20 57	0 50	20 3	0 8	18 22	0 19	19 12	4 9	6 53	7 6	12 15	17 44	2 27
S 20	21 3	28 13	4 42	17 31	0 37	24 53	2 20	3 19	1 44	4 27	1 13	20 56	0 50	20 3	0 8	18 22	0 19	19 13	4 9	6 58	7 7	12 19	17 45	2 27
M21	21 14	26 34	4 7	18 2	0 30	24 44	2 19	3 6	1 44	4 31	1 13	20 55	0 50	20 2	0 8	18 21	0 19	19 13	4 9	7 1	7 8	12 22	17 47	2 27
T 22	21 25	23 24	3 20	18 32	0 23	24 34	2 19	2 53	1 45	4 34	1 14	20 54	0 50	20 2	0 8	18 21	0 19	19 13	4 9	7 4	7 9	12 25	17 48	2 27
W23	21 35	19 8	2 24	19 1	0 16	24 24	2 19	2 40	1 45	4 38	1 14	20 53	0 50	20 1	0 8	18 21	0 19	19 13	4 9	7 5	7 10	12 28	17 49	2 28
T 24	21 45	14 9	1 23	19 30	0 9	24 12	2 18	2 27	1 46	4 42	1 14	20 52	0 50	20 1	0 8	18 20	0 19	19 14	4 9	7 6	7 12	12 31	17 51	2 28
F 25	21 55	8 43	0 19	19 57	0 2	24 1	2 18	2 15	1 46	4 46	1 14	20 50	0 50	20 0	0 8	18 20	0 19	19 14	4 9	7 6	7 13	12 34	17 52	2 28
S 26	22 4	3 5	0n45	20 24	0s 5	23 48	2 17	2 2	1 46	4 50	1 14	20 49	0 50	20 0	0 8	18 19	0 19	19 14	4 8	7 6	7 14	12 37	17 53	2 28
S 27	22 13	2n34	1 46	20 50	0 12	23 35	2 16	1 49	1 47	4 53	1 14	20 48	0 50	19 59	0 8	18 19	0 19	19 14	4 8	7 7	7 15	12 40	17 55	2 28
M28	22 21	8 6	2 41	21 15	0 19	23 21	2 15	1 36	1 47	4 57	1 14	20 47	0 50	19 58	0 8	18 19	0 19	19 15	4 8	7 8	7 17	12 43	17 56	2 29
T 29	22 29	13 21	3 30	21 39	0 25	23 7	2 14	1 24	1 48	5 0	1 15	20 46	0 50	19 58	0 8	18 18	0 19	19 15	4 8	7 10	7 18	12 46	17 57	2 29
W30	22s37	18n 9	4n10	22s 1	0s32	22s51	2s13	1n11	1n48	5s 4	1n15	20s44	0s50	19n57	0s 8	18s18	0s19	19s15	4n 8	7s13	7s19	12n50	17s58	2n29

Julian Day Number = 2093917.5, Delta T = 22m45s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'32, Lahiri = 10°12'33 Julian Calendar 1 Nov. 1020 == Greg. Calendar 7 Nov. 1020

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ASTRODIENST EPHEMERIS for the year 1020
geocentric

DECEMBER 1020 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 1 54	15♐ 6'32	19♉54	8♐ 0	29♏ 7	1♎42	15♎52	1♒38	29°R 8	9♒26	22♐57	11°R29	11♓23	24♈39	0♐48	T 1
F 2	5 5 51	16° 7'41	2♊ 5	9°34	0♒17	2°14	16° 1	1°44	29♉ 6	9°27	22°59	11♓15	11°19	24°45	0°55	F 2
S 3	5 9 47	17° 8'51	14°27	11° 8	1°26	2°47	16°11	1°49	29° 3	9°29	23° 1	11° 1	11°16	24°52	1° 2	S 3
S 4	5 13 44	18°10'01	27° 0	12°42	2°35	3°19	16°20	1°55	29° 1	9°30	23° 4	10°46	11°13	24°59	1° 9	S 4
M 5	5 17 40	19°11'11	9♋44	14°16	3°45	3°51	16°29	2° 1	28°58	9°32	23° 6	10°34	11°10	25° 5	1°16	M 5
T 6	5 21 37	20°12'22	22°39	15°50	4°54	4°23	16°38	2° 7	28°56	9°34	23° 8	10°24	11° 7	25°12	1°23	T 6
W 7	5 25 33	21°13'33	5♌45	17°25	6° 3	4°54	16°46	2°13	28°54	9°35	23°10	10°17	11° 4	25°19	1°30	W 7
T 8	5 29 30	22°14'44	19° 1	19° 0	7°11	5°26	16°55	2°19	28°51	9°37	23°12	10°13	11° 0	25°25	1°37	T 8
F 9	5 33 26	23°15'56	2♍29	20°35	8°20	5°58	17° 3	2°25	28°49	9°39	23°14	10°11	10°57	25°32	1°44	F 9
S 10	5 37 23	24°17'08	16° 9	22°11	9°28	6°29	17°12	2°31	28°47	9°40	23°17	10°D11	10°54	25°39	1°51	S 10
S 11	5 41 20	25°18'20	0♎ 3	23°47	10°37	7° 0	17°20	2°38	28°45	9°42	23°19	10°R11	10°51	25°45	1°58	S 11
M12	5 45 16	26°19'33	14°10	25°23	11°45	7°32	17°28	2°44	28°43	9°44	23°21	10°10	10°48	25°52	2° 5	M12
T 13	5 49 13	27°20'46	28°31	26°59	12°53	8° 3	17°36	2°50	28°40	9°46	23°23	10° 6	10°44	25°59	2°11	T 13
W14	5 53 9	28°21'59	13♏ 2	28°36	14° 0	8°34	17°44	2°57	28°38	9°47	23°25	10° 0	10°41	26° 6	2°18	W14
T 15	5 57 6	29°23'13	27°39	0♏13	15° 8	9° 4	17°52	3° 3	28°36	9°49	23°27	9°51	10°38	26°12	2°25	T 15
F 16	6 1 2	0♏24'26	12♐16	1°51	16°15	9°35	18° 0	3° 9	28°34	9°51	23°29	9°41	10°35	26°19	2°32	F 16
S 17	6 4 59	1°25'40	26°44	3°29	17°22	10° 6	18° 7	3°16	28°32	9°53	23°32	9°29	10°32	26°26	2°38	S 17
S 18	6 8 56	2°26'53	10♏57	5° 7	18°29	10°36	18°14	3°22	28°30	9°55	23°34	9°18	10°29	26°32	2°45	S 18
M19	6 12 52	3°28'06	24°50	6°46	19°36	11° 6	18°22	3°29	28°28	9°57	23°36	9° 9	10°25	26°39	2°52	M19
T 20	6 16 49	4°29'19	8♒18	8°25	20°42	11°36	18°29	3°36	28°26	9°59	23°38	9° 3	10°22	26°46	2°58	T 20
W21	6 20 45	5°30'31	21°22	10° 5	21°48	12° 6	18°36	3°42	28°24	10° 1	23°40	8°59	10°19	26°52	3° 5	W21
T 22	6 24 42	6°31'42	4♓ 2	11°45	22°54	12°36	18°42	3°49	28°22	10° 3	23°42	8°D57	10°16	26°59	3°11	T 22
F 23	6 28 38	7°32'53	16°22	13°25	24° 0	13° 6	18°49	3°56	28°21	10° 5	23°44	8°57	10°13	27° 6	3°18	F 23
S 24	6 32 35	8°34'03	28°27	15° 6	25° 6	13°35	18°55	4° 2	28°19	10° 7	23°46	8°58	10°10	27°12	3°24	S 24
S 25	6 36 31	9°35'13	10♈22	16°47	26°11	14° 4	19° 2	4° 9	28°17	10° 9	23°48	8°R58	10° 6	27°19	3°30	S 25
M26	6 40 28	10°36'21	22°12	18°28	27°16	14°33	19° 8	4°16	28°15	10°11	23°51	8°57	10° 3	27°26	3°37	M26
T 27	6 44 25	11°37'29	4♉ 2	20°10	28°20	15° 2	19°14	4°23	28°14	10°13	23°53	8°54	10° 0	27°32	3°43	T 27
W28	6 48 21	12°38'36	15°57	21°52	29°24	15°31	19°20	4°30	28°12	10°15	23°55	8°49	9°57	27°39	3°49	W28
T 29	6 52 18	13°39'42	28° 3	23°34	0♓28	16° 0	19°26	4°37	28°11	10°17	23°57	8°42	9°54	27°46	3°55	T 29
F 30	6 56 14	14°40'47	10♊20	25°16	1°32	16°28	19°31	4°44	28° 9	10°19	23°59	8°33	9°50	27°53	4° 1	F 30
S 31	7 0 11	15♏41'52	22♊53	26♏58	2♓35	16♎57	19♎37	4♒51	28♉ 7	10♒21	24♐ 1	8♓22	9♓47	27♈59	4♐ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s44	22n17	4n39	22s23	0s38	22s36	2s12	0n59	1n48	5s 7	1n15	20s43	0s50	19n57	0s 8	18s18	0s19	19s15	4n 8	7s18	7s20	12n53	18s 0	2n29
F 2	22 50	25 31	4 56	22 44	0 44	22 19	2 11	0 46	1 49	5 11	1 15	20 42	0 50	19 56	0 8	18 17	0 19	19 16	4 8	7 23	7 21	12 56	18 1	2 30
S 3	22 57	27 36	4 59	23 4	0 50	22 3	2 9	0 33	1 49	5 14	1 15	20 41	0 50	19 56	0 8	18 17	0 19	19 16	4 8	7 29	7 23	12 59	18 2	2 30
S 4	23 2	28 20	4 48	23 22	0 56	21 45	2 7	0 21	1 50	5 18	1 15	20 39	0 50	19 55	0 8	18 16	0 19	19 16	4 7	7 34	7 24	13 2	18 3	2 30
M 5	23 8	27 34	4 22	23 40	1 2	21 27	2 6	0 9	1 50	5 21	1 16	20 38	0 50	19 55	0 8	18 16	0 19	19 16	4 7	7 39	7 25	13 5	18 4	2 30
T 6	23 12	25 19	3 43	23 56	1 8	21 9	2 4	0s 4	1 50	5 24	1 16	20 37	0 50	19 54	0 8	18 15	0 19	19 16	4 7	7 43	7 26	13 8	18 5	2 31
W 7	23 17	21 42	2 51	24 11	1 13	20 50	2 2	0 16	1 51	5 27	1 16	20 35	0 50	19 54	0 8	18 15	0 19	19 17	4 7	7 45	7 27	13 11	18 7	2 31
T 8	23 20	16 56	1 49	24 25	1 18	20 30	2 0	0 28	1 51	5 31	1 16	20 34	0 50	19 53	0 8	18 15	0 19	19 17	4 7	7 47	7 29	13 14	18 8	2 31
F 9	23 24	11 17	0 41	24 37	1 23	20 10	1 57	0 40	1 52	5 34	1 16	20 33	0 50	19 53	0 8	18 14	0 19	19 17	4 7	7 47	7 30	13 17	18 9	2 31
S 10	23 27	5 1	0s32	24 48	1 28	19 49	1 55	0 53	1 52	5 37	1 17	20 31	0 50	19 52	0 8	18 14	0 19	19 17	4 7	7 47	7 31	13 20	18 10	2 32
S 11	23 29	1s36	1 43	24 58	1 33	19 28	1 52	1 5	1 52	5 40	1 17	20 30	0 50	19 52	0 8	18 13	0 19	19 17	4 7	7 47	7 32	13 23	18 11	2 32
M12	23 31	8 13	2 50	25 6	1 37	19 7	1 50	1 17	1 53	5 43	1 17	20 28	0 50	19 51	0 7	18 13	0 19	19 18	4 7	7 48	7 34	13 26	18 12	2 32
T 13	23 33	14 32	3 46	25 13	1 41	18 45	1 47	1 29	1 53	5 46	1 17	20 27	0 50	19 51	0 7	18 12	0 19	19 18	4 7	7 49	7 35	13 29	18 13	2 32
W14	23 34	20 7	4 29	25 19	1 45	18 23	1 44	1 40	1 54	5 48	1 17	20 25	0 50	19 51	0 7	18 12	0 19	19 18	4 7	7 52	7 36	13 32	18 14	2 33
T 15	23 34	24 32	4 55	25 23	1 49	18 0	1 41	1 52	1 54	5 51	1 18	20 24	0 50	19 50	0 7	18 11	0 19	19 18	4 6	7 55	7 37	13 36	18 15	2 33
F 16	23 34	27 22	5 1	25 25	1 52	17 36	1 38	2 4	1 54	5 54	1 18	20 22	0 50	19 50	0 7	18 11	0 19	19 18	4 6	7 59	7 38	13 39	18 16	2 33
S 17	23 34	28 20	4 48	25 26	1 55	17 13	1 35	2 16	1 55	5 57	1 18	20 21	0 51	19 49	0 7	18 10	0 19	19 19	4 6	8 3	7 40	13 42	18 17	2 34
S 18	23 33	27 24	4 18	25 25	1 57	16 49	1 31	2 27	1 55	5 59	1 18	20 19	0 51	19 49	0 7	18 10	0 19	19 19	4 6	8 7	7 41	13 45	18 18	2 34
M19	23 31	24 45	3 32	25 23	2 0	16 24	1 28	2 39	1 55	6 2	1 18	20 18	0 51	19 48	0 7	18 9	0 19	19 19	4 6	8 11	7 42	13 48	18 19	2 34
T 20	23 30	20 47	2 36	25 19	2 2	16 0	1 24	2 50	1 56	6 4	1 19	20 16	0 51	19 48	0 7	18 9	0 19	19 19	4 6	8 13	7 43	13 51	18 20	2 35
W21	23 27	15 55	1 32	25 14	2 3	15 35	1 20	3 2	1 56	6 7	1 19	20 15	0 51	19 48	0 7	18 8	0 19	19 19	4 6	8 15	7 44	13 54	18 21	2 35
T 22	23 24	10 29	0 26	25 7	2 4	15 9	1 16	3 13	1 57	6 9	1 19	20 13	0 51	19 47	0 7	18 8	0 19	19 19	4 6	8 15	7 46	13 57	18 22	2 35
F 23	23 21	4 48	0n40	24 58	2 5	14 44	1 12	3 24	1 57	6 11	1 19	20 12	0 51	19 47	0 7	18 7	0 19	19 20	4 6	8 15	7 47	14 0	18 23	2 35
S 24	23 17	0n57	1 42	24 47	2 6	14 18	1 8	3 35	1 57	6 14	1 19	20 10	0 51	19 46	0 7	18 7	0 19	19 20	4 6	8 15	7 48	14 3	18 24	2 36
S 25	23 13	6 34	2 40	24 35	2 6	13 51	1 4	3 46	1 58	6 16	1 20	20 9	0 51	19 46	0 7	18 6	0 19	19 20	4 6	8 15	7 49	14 6	18 25	2 36
M26	23 9	11 56	3 30	24 21	2 5	13 25	0 59	3 57	1 58	6 18	1 20	20 7	0 51	19 46	0 7	18 6	0 19	19 20	4 6	8 15	7 50	14 9	18 26	2 36
T 27	23 3	16 52	4 11	24 5	2 4	12 58	0 55	4 8	1 59	6 20	1 20	20 5	0 51	19 45	0 7	18 5	0 19	19 20	4 6	8 16	7 52	14 12	18 26	2 37
W28	22 58	21 11	4 42	23 48	2 2	12 31	0 50	4 19	1 59	6 22	1 20	20 4	0 51	19 45	0 7	18 5	0 19	19 20	4 6	8 18	7 53	14 15	18 27	2 37
T 29	22 52	24 42	5 0	23 29	2 0	12 4	0 45	4 30	1 59	6 24	1 20	20 2	0 51	19 45	0 7	18 4	0 19	19 21	4 5	8 21	7 54	14 18	18 28	2 37
F 30	22 45	27 9	5 5	23 8	1 58	11 37	0 40	4 40	2 0	6 26	1 21	20 1	0 51	19 44	0 7	18 3	0 19	19 21	4 5	8 25	7 55	14 21	18 29	2 38
S 31	22s38	28n18	4n56	22s45	1s54	11s 9	0s35	4s51	2n 0	6s28	1n21	19s59	0s51	19n44	0s 7	18s 3	0s19	19s21	4n 5	8s28	7s56	14n24	18s30	2n38

Julian Day Number = 2093947.5, Delta T = 22m45s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'36, Lahiri = 10°12'37 Julian Calendar 1 Dec. 1020 == Greg. Calendar 7 Dec. 1020

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

JANUARY 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 4 7	16♉42'56	5♋41	28♉39	3♓38	17♎25	19♎42	4♒58	28°R 6	10♒23	24♐ 3	8°R12	9♓44	28♈ 6	4♐13	S 1
M 2	7 8 4	17°43'58	18°44	0♒20	4°41	17°53	19°47	5° 5	28♉ 5	10°25	24° 5	8♓ 3	9°41	28°13	4°19	M 2
T 3	7 12 0	18°45'00	2♌ 2	2° 1	5°43	18°20	19°52	5°12	28° 3	10°27	24° 7	7°56	9°38	28°19	4°25	T 3
W 4	7 15 57	19°46'02	15°32	3°41	6°45	18°48	19°57	5°19	28° 2	10°30	24° 9	7°52	9°35	28°26	4°31	W 4
T 5	7 19 54	20°47'02	29°12	5°20	7°46	19°15	20° 1	5°26	28° 1	10°32	24°11	7°50	9°31	28°33	4°36	T 5
F 6	7 23 50	21°48'02	13♍ 0	6°57	8°47	19°42	20° 6	5°33	27°59	10°34	24°13	7°D49	9°28	28°39	4°42	F 6
S 7	7 27 47	22°49'00	26°56	8°33	9°47	20° 9	20°10	5°40	27°58	10°36	24°15	7°50	9°25	28°46	4°48	S 7
S 8	7 31 43	23°49'59	10♎57	10° 6	10°48	20°36	20°14	5°47	27°57	10°38	24°17	7°52	9°22	28°53	4°53	S 8
M 9	7 35 40	24°50'56	25° 3	11°37	11°47	21° 2	20°18	5°54	27°56	10°40	24°19	7°R52	9°19	28°59	4°59	M 9
T 10	7 39 36	25°51'53	9♏13	13° 5	12°46	21°28	20°22	6° 2	27°55	10°43	24°20	7°51	9°16	29° 6	5° 4	T 10
W11	7 43 33	26°52'49	23°25	14°29	13°45	21°54	20°25	6° 9	27°54	10°45	24°22	7°49	9°12	29°13	5°10	W11
T 12	7 47 29	27°53'44	7♐36	15°48	14°43	22°20	20°28	6°16	27°53	10°47	24°24	7°44	9° 9	29°19	5°15	T 12
F 13	7 51 26	28°54'39	21°43	17° 2	15°41	22°46	20°32	6°23	27°52	10°49	24°26	7°38	9° 6	29°26	5°20	F 13
S 14	7 55 23	29°55'32	5♑42	18°11	16°38	23°11	20°35	6°30	27°51	10°52	24°28	7°32	9° 3	29°33	5°25	S 14
S 15	7 59 19	0♒56'25	19°29	19°13	17°35	23°36	20°38	6°38	27°51	10°54	24°30	7°26	9° 0	29°40	5°31	S 15
M16	8 3 16	1°57'16	3♒ 1	20° 7	18°31	24° 1	20°40	6°45	27°50	10°56	24°32	7°20	8°56	29°46	5°36	M16
T 17	8 7 12	2°58'05	16°15	20°53	19°26	24°25	20°43	6°52	27°49	10°58	24°33	7°17	8°53	29°53	5°41	T 17
W18	8 11 9	3°58'54	29° 9	21°30	20°21	24°50	20°45	6°59	27°49	11° 1	24°35	7°15	8°50	29°59	5°45	W18
T 19	8 15 5	4°59'41	11♓45	21°58	21°15	25°13	20°47	7° 6	27°48	11° 3	24°37	7°D15	8°47	0♉ 6	5°50	T 19
F 20	8 19 2	6° 0'26	24° 5	22°16	22° 9	25°37	20°49	7°14	27°47	11° 5	24°39	7°16	8°44	0°13	5°55	F 20
S 21	8 22 58	7° 1'09	6♈11	22°R23	23° 1	26° 0	20°51	7°21	27°47	11° 7	24°40	7°18	8°41	0°20	6° 0	S 21
S 22	8 26 55	8° 1'51	18° 7	22°19	23°53	26°24	20°52	7°28	27°46	11°10	24°42	7°19	8°37	0°26	6° 4	S 22
M23	8 30 52	9° 2'32	29°59	22° 5	24°45	26°46	20°54	7°35	27°46	11°12	24°44	7°21	8°34	0°33	6° 9	M23
T 24	8 34 48	10° 3'10	11♉50	21°40	25°35	27° 9	20°55	7°43	27°46	11°14	24°45	7°R21	8°31	0°40	6°13	T 24
W25	8 38 45	11° 3'47	23°46	21° 5	26°25	27°31	20°56	7°50	27°46	11°17	24°47	7°20	8°28	0°47	6°18	W25
T 26	8 42 41	12° 4'22	5♊52	20°22	27°14	27°53	20°57	7°57	27°45	11°19	24°49	7°18	8°25	0°53	6°22	T 26
F 27	8 46 38	13° 4'56	18°11	19°30	28° 2	28°14	20°57	8° 4	27°45	11°21	24°50	7°15	8°22	1° 0	6°26	F 27
S 28	8 50 34	14° 5'27	0♋48	18°32	28°49	28°35	20°58	8°12	27°45	11°23	24°52	7°12	8°18	1° 7	6°30	S 28
S 29	8 54 31	15° 5'57	13°45	17°30	29°35	28°56	20°58	8°19	27°D45	11°26	24°53	7° 8	8°15	1°13	6°34	S 29
M30	8 58 28	16° 6'25	27° 1	16°24	0♈20	29°17	20°R58	8°26	27°45	11°28	24°55	7° 5	8°12	1°20	6°38	M30
T 31	9 2 24	17♒ 6'51	10♌38	15♒17	1♈ 4	29♎37	20♎58	8♒33	27♉45	11♒30	24♐56	7♓ 2	8♓ 9	1♉27	6♐42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s31	27n58	4n31	22s21	1s50	10s41	0s30	5s 1	2n 0	6s30	1n21	19s57	0s51	19n44	0s 7	18s 2	0s19	19s21	4n 5	8s32	7s58	14n27	18s30	2n38
M 2	22 23	26 5	3 53	21 55	1 46	10 13	0 24	5 11	2 1	6 31	1 21	19 56	0 51	19 43	0 7	18 2	0 19	19 21	4 5	8 36	7 59	14 30	18 31	2 39
T 3	22 15	22 45	3 0	21 27	1 41	9 45	0 19	5 22	2 1	6 33	1 22	19 54	0 51	19 43	0 7	18 1	0 19	19 21	4 5	8 38	8 0	14 33	18 32	2 39
W 4	22 6	18 8	1 57	20 58	1 35	9 17	0 13	5 32	2 2	6 35	1 22	19 52	0 51	19 43	0 7	18 1	0 19	19 21	4 5	8 40	8 1	14 36	18 33	2 40
T 5	21 57	12 32	0 46	20 27	1 28	8 49	0 7	5 42	2 2	6 36	1 22	19 51	0 51	19 42	0 7	18 0	0 19	19 21	4 5	8 41	8 2	14 39	18 33	2 40
F 6	21 48	6 17	0s28	19 56	1 20	8 20	0 1	5 52	2 2	6 38	1 22	19 49	0 51	19 42	0 7	17 59	0 19	19 22	4 5	8 41	8 4	14 42	18 34	2 40
S 7	21 38	0s19	1 41	19 23	1 12	7 52	0n 5	6 2	2 3	6 39	1 23	19 47	0 51	19 42	0 7	17 59	0 19	19 22	4 5	8 40	8 5	14 44	18 35	2 41
S 8	21 27	6 57	2 49	18 49	1 3	7 23	0 11	6 11	2 3	6 40	1 23	19 45	0 51	19 42	0 7	17 58	0 19	19 22	4 5	8 40	8 6	14 47	18 35	2 41
M 9	21 16	13 16	3 48	18 14	0 53	6 55	0 17	6 21	2 3	6 42	1 23	19 44	0 51	19 41	0 7	17 58	0 19	19 22	4 5	8 40	8 7	14 50	18 36	2 41
T 10	21 5	18 56	4 32	17 39	0 42	6 26	0 24	6 30	2 4	6 43	1 23	19 42	0 52	19 41	0 7	17 57	0 19	19 22	4 5	8 40	8 8	14 53	18 36	2 42
W11	20 54	23 34	5 0	17 3	0 30	5 58	0 30	6 40	2 4	6 44	1 23	19 40	0 52	19 41	0 7	17 56	0 19	19 22	4 5	8 41	8 10	14 56	18 37	2 42
T 12	20 42	26 47	5 10	16 28	0 17	5 29	0 37	6 49	2 4	6 45	1 24	19 38	0 52	19 41	0 7	17 56	0 19	19 22	4 5	8 43	8 11	14 59	18 38	2 43
F 13	20 29	28 18	5 0	15 52	0 4	5 0	0 44	6 58	2 5	6 46	1 24	19 37	0 52	19 41	0 7	17 55	0 19	19 22	4 5	8 45	8 12	15 2	18 38	2 43
S 14	20 17	28 0	4 33	15 18	0n10	4 32	0 51	7 7	2 5	6 47	1 24	19 35	0 52	19 40	0 7	17 55	0 19	19 22	4 5	8 47	8 13	15 5	18 39	2 43
S 15	20 3	25 57	3 51	14 44	0 25	4 3	0 58	7 16	2 5	6 48	1 24	19 33	0 52	19 40	0 7	17 54	0 19	19 23	4 5	8 50	8 14	15 8	18 39	2 44
M16	19 50	22 26	2 56	14 12	0 41	3 34	1 5	7 25	2 6	6 48	1 25	19 31	0 52	19 40	0 7	17 53	0 19	19 23	4 5	8 52	8 16	15 11	18 40	2 44
T 17	19 36	17 50	1 52	13 42	0 57	3 6	1 12	7 34	2 6	6 49	1 25	19 30	0 52	19 40	0 7	17 53	0 19	19 23	4 5	8 53	8 17	15 14	18 40	2 44
W18	19 22	12 31	0 44	13 15	1 14	2 37	1 20	7 42	2 6	6 50	1 25	19 28	0 52	19 40	0 7	17 52	0 19	19 23	4 5	8 54	8 18	15 17	18 41	2 45
T 19	19 7	6 49	0n25	12 50	1 31	2 9	1 27	7 51	2 7	6 50	1 25	19 26	0 52	19 40	0 7	17 51	0 19	19 23	4 5	8 54	8 19	15 20	18 41	2 45
F 20	18 52	0 58	1 31	12 28	1 48	1 41	1 35	7 59	2 7	6 51	1 26	19 24	0 52	19 40	0 7	17 51	0 19	19 23	4 5	8 53	8 20	15 23	18 41	2 46
S 21	18 37	4n47	2 32	12 10	2 5	1 13	1 43	8 7	2 7	6 51	1 26	19 22	0 52	19 40	0 7	17 50	0 19	19 23	4 5	8 53	8 22	15 25	18 42	2 46
S 22	18 21	10 18	3 25	11 56	2 21	0 45	1 51	8 15	2 8	6 52	1 26	19 21	0 52	19 40	0 7	17 50	0 19	19 23	4 5	8 52	8 23	15 28	18 42	2 47
M23	18 6	15 25	4 10	11 45	2 37	0 17	1 59	8 23	2 8	6 52	1 26	19 19	0 52	19 39	0 7	17 49	0 19	19 23	4 5	8 52	8 24	15 31	18 43	2 47
T 24	17 49	19 57	4 44	11 39	2 51	0n11	2 7	8 31	2 8	6 52	1 27	19 17	0 52	19 39	0 7	17 48	0 19	19 23	4 5	8 51	8 25	15 34	18 43	2 47
W25	17 33	23 44	5 5	11 38	3 5	0 38	2 15	8 39	2 8	6 52	1 27	19 15	0 52	19 39	0 7	17 48	0 19	19 23	4 5	8 52	8 26	15 37	18 43	2 48
T 26	17 16	26 33	5 14	11 40	3 17	1 5	2 24	8 46	2 9	6 52	1 27	19 13	0 53	19 39	0 7	17 47	0 19	19 23	4 5	8 52	8 28	15 40	18 44	2 48
F 27	16 59	28 9	5 8	11 46	3 27	1 32	2 32	8 54	2 9	6 52	1 27	19 12	0 53	19 39	0 7	17 47	0 19	19 24	4 5	8 54	8 29	15 43	18 44	2 49
S 28	16 41	28 22	4 48	11 56	3 35	1 59	2 41	9 1	2 9	6 52	1 28	19 10	0 53	19 39	0 7	17 46	0 19	19 24	4 5	8 55	8 30	15 46	18 44	2 49
S 29	16 24	27 2	4 13	12 9	3 41	2 25	2 49	9 8	2 10	6 52	1 28	19 8	0 53	19 39	0 7	17 45	0 19	19 24	4 5	8 56	8 31	15 49	18 44	2 50
M30	16 6	24 11	3 23	12 25	3 45	2 51	2 58	9 15	2 10	6 52	1 28	19 6	0 53	19 39	0 7	17 45	0 19	19 24	4 5	8 58	8 32	15 51	18 45	2 50
T 31	15s47	19n55	2n20	12s44	3n47	3n17	3n 7	9s22	2n10	6s52	1n28	19s 4	0s53	19n39	0s 7	17s44	0s19	19s24	4n 5	8s58	8s34	15n54	18s45	2n50

Julian Day Number = 2093978.5, Delta T = 22m44s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'41, Lahiri = 10°12'41 Julian Calendar 1 Jan. 1021 == Greg. Calendar 7 Jan. 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

FEBRUARY 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 6 21	18♒ 7'16	24♌32	14°R10	1♈47	29♎56	20°R58	8♒41	27♉45	11♒32	24♐58	7°R 1	8♓ 6	1♉33	6♐46	W 1
T 2	9 10 17	19° 7'38	8♍39	13♒ 5	2°28	0♏16	20♎57	8°48	27°45	11°35	24°59	7°D 1	8° 2	1°40	6°50	T 2
F 3	9 14 14	20° 7'59	22°57	12° 4	3° 9	0°35	20°56	8°55	27°46	11°37	25° 0	7♓ 1	7°59	1°47	6°53	F 3
S 4	9 18 10	21° 8'19	7♎19	11° 7	3°49	0°53	20°56	9° 2	27°46	11°39	25° 2	7° 2	7°56	1°53	6°57	S 4
S 5	9 22 7	22° 8'36	21°42	10°15	4°27	1°12	20°54	9° 9	27°46	11°41	25° 3	7° 3	7°53	2° 0	7° 0	S 5
M 6	9 26 3	23° 8'53	6♏ 1	9°30	5° 4	1°29	20°53	9°16	27°46	11°44	25° 5	7° 4	7°50	2° 7	7° 4	M 6
T 7	9 30 0	24° 9'08	20°15	8°52	5°39	1°47	20°52	9°23	27°47	11°46	25° 6	7°R 5	7°47	2°14	7° 7	T 7
W 8	9 33 56	25° 9'22	4♐20	8°21	6°13	2° 4	20°50	9°30	27°47	11°48	25° 7	7° 5	7°43	2°20	7°10	W 8
T 9	9 37 53	26° 9'34	18°15	7°56	6°46	2°20	20°48	9°38	27°48	11°50	25° 8	7° 4	7°40	2°27	7°13	T 9
F 10	9 41 50	27° 9'44	2♑ 0	7°39	7°18	2°36	20°46	9°45	27°49	11°53	25°10	7° 3	7°37	2°34	7°17	F 10
S 11	9 45 46	28° 9'53	15°32	7°29	7°47	2°52	20°44	9°52	27°49	11°55	25°11	7° 2	7°34	2°40	7°19	S 11
S 12	9 49 43	29°10'00	28°51	7°D25	8°15	3° 7	20°42	9°59	27°50	11°57	25°12	7° 1	7°31	2°47	7°22	S 12
M13	9 53 39	0♓10'05	11♒56	7°28	8°42	3°22	20°39	10° 6	27°51	11°59	25°13	7° 0	7°27	2°54	7°25	M13
T 14	9 57 36	1°10'09	24°48	7°37	9° 6	3°36	20°36	10°13	27°51	12° 1	25°14	6°59	7°24	3° 0	7°28	T 14
W15	10 1 32	2°10'10	7♓26	7°52	9°29	3°49	20°33	10°19	27°52	12° 4	25°15	6°D59	7°21	3° 7	7°30	W15
T 16	10 5 29	3°10'10	19°51	8°12	9°50	4° 2	20°30	10°26	27°53	12° 6	25°17	6°59	7°18	3°14	7°33	T 16
F 17	10 9 25	4°10'07	2♈ 4	8°38	10° 9	4°15	20°27	10°33	27°54	12° 8	25°18	7° 0	7°15	3°21	7°35	F 17
S 18	10 13 22	5°10'03	14° 7	9° 8	10°27	4°27	20°24	10°40	27°55	12°10	25°19	7° 0	7°12	3°27	7°37	S 18
S 19	10 17 19	6° 9'56	26° 2	9°43	10°42	4°38	20°20	10°47	27°56	12°12	25°20	7° 0	7° 8	3°34	7°40	S 19
M20	10 21 15	7° 9'47	7♉54	10°21	10°55	4°49	20°16	10°54	27°57	12°14	25°21	7°R 0	7° 5	3°41	7°42	M20
T 21	10 25 12	8° 9'36	19°45	11° 4	11° 5	5° 0	20°12	11° 0	27°58	12°16	25°21	7° 0	7° 2	3°47	7°44	T 21
W22	10 29 8	9° 9'22	1♊40	11°51	11°14	5°10	20° 8	11° 7	28° 0	12°19	25°22	7° 0	6°59	3°54	7°46	W22
T 23	10 33 5	10° 9'07	13°44	12°41	11°20	5°19	20° 4	11°14	28° 1	12°21	25°23	7°D 0	6°56	4° 1	7°47	T 23
F 24	10 37 1	11° 8'49	26° 2	13°34	11°24	5°27	19°59	11°20	28° 2	12°23	25°24	7° 0	6°53	4° 7	7°49	F 24
S 25	10 40 58	12° 8'28	8♋37	14°30	11°R25	5°35	19°55	11°27	28° 4	12°25	25°25	7° 0	6°49	4°14	7°51	S 25
S 26	10 44 54	13° 8'06	21°33	15°29	11°24	5°43	19°50	11°34	28° 5	12°27	25°26	7° 1	6°46	4°21	7°52	S 26
M27	10 48 51	14° 7'41	4♌53	16°30	11°21	5°49	19°45	11°40	28° 6	12°29	25°26	7° 2	6°43	4°28	7°54	M27
T 28	10 52 48	15♓ 7'14	18♌37	17♒34	11♈15	5♏56	19♎40	11♒46	28♉ 8	12♒31	25♐27	7♓ 2	6♓40	4♉34	7♐55	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s29	14n29	1n 8	13s 4	3n46	3n42	3n16	9s29	2n10	6s51	1n28	19s 2	0s53	19n39	0s 7	17s43	0s19	19s24	4n 5	8s59	8s35	15n57	18s45	2n51
T 2	15 10	8 14	0s 9	13 25	3 43	4 7	3 25	9 35	2 10	6 51	1 29	19 1	0 53	19 39	0 7	17 43	0 19	19 24	4 5	8 59	8 36	16 0	18 45	2 51
F 3	14 51	1 29	1 27	13 47	3 38	4 32	3 34	9 42	2 11	6 51	1 29	18 59	0 53	19 39	0 7	17 42	0 19	19 24	4 5	8 59	8 37	16 3	18 45	2 52
S 4	14 32	5s22	2 40	14 9	3 31	4 56	3 43	9 48	2 11	6 50	1 29	18 57	0 53	19 40	0 7	17 42	0 19	19 24	4 5	8 59	8 38	16 6	18 45	2 52
S 5	14 12	11 56	3 43	14 31	3 22	5 20	3 53	9 54	2 11	6 49	1 29	18 55	0 53	19 40	0 7	17 41	0 19	19 24	4 5	8 58	8 40	16 9	18 46	2 53
M 6	13 53	17 51	4 31	14 52	3 13	5 43	4 2	10 0	2 11	6 49	1 30	18 53	0 53	19 40	0 7	17 40	0 19	19 24	4 5	8 58	8 41	16 11	18 46	2 53
T 7	13 33	22 46	5 3	15 13	3 2	6 6	4 12	10 6	2 11	6 48	1 30	18 52	0 54	19 40	0 7	17 40	0 19	19 24	4 5	8 58	8 42	16 14	18 46	2 54
W 8	13 12	26 18	5 16	15 32	2 50	6 29	4 21	10 12	2 12	6 47	1 30	18 50	0 54	19 40	0 7	17 39	0 19	19 24	4 5	8 58	8 43	16 17	18 46	2 54
T 9	12 52	28 12	5 10	15 51	2 37	6 50	4 31	10 17	2 12	6 46	1 30	18 48	0 54	19 40	0 7	17 38	0 19	19 24	4 5	8 58	8 44	16 20	18 46	2 55
F 10	12 31	28 20	4 47	16 8	2 25	7 12	4 40	10 23	2 12	6 45	1 31	18 46	0 54	19 40	0 7	17 38	0 19	19 24	4 5	8 58	8 45	16 23	18 46	2 55
S 11	12 11	26 46	4 8	16 23	2 11	7 32	4 50	10 28	2 12	6 44	1 31	18 44	0 54	19 40	0 7	17 37	0 19	19 24	4 5	8 59	8 47	16 26	18 46	2 55
S 12	11 50	23 42	3 16	16 37	1 58	7 52	5 0	10 33	2 12	6 43	1 31	18 43	0 54	19 41	0 7	17 37	0 19	19 24	4 5	8 59	8 48	16 28	18 46	2 56
M13	11 28	19 27	2 14	16 49	1 44	8 12	5 9	10 38	2 12	6 42	1 31	18 41	0 54	19 41	0 7	17 36	0 19	19 24	4 5	8 59	8 49	16 31	18 46	2 56
T 14	11 7	14 23	1 7	17 0	1 31	8 30	5 19	10 43	2 12	6 41	1 31	18 39	0 54	19 41	0 7	17 35	0 20	19 24	4 5	9 0	8 50	16 34	18 46	2 57
W15	10 46	8 47	0n 2	17 9	1 17	8 48	5 29	10 47	2 12	6 39	1 32	18 37	0 54	19 41	0 7	17 35	0 20	19 24	4 5	9 0	8 51	16 37	18 46	2 57
T 16	10 24	2 57	1 11	17 17	1 4	9 5	5 38	10 52	2 12	6 38	1 32	18 35	0 54	19 41	0 7	17 34	0 20	19 24	4 5	9 0	8 53	16 40	18 46	2 58
F 17	10 2	2n53	2 15	17 23	0 51	9 22	5 48	10 56	2 12	6 37	1 32	18 34	0 54	19 42	0 7	17 34	0 20	19 24	4 5	8 59	8 54	16 42	18 46	2 58
S 18	9 40	8 32	3 12	17 27	0 38	9 37	5 57	11 0	2 12	6 35	1 32	18 32	0 55	19 42	0 6	17 33	0 20	19 24	4 5	8 59	8 55	16 45	18 46	2 59
S 19	9 18	13 50	4 0	17 30	0 26	9 52	6 7	11 4	2 12	6 34	1 32	18 30	0 55	19 42	0 6	17 33	0 20	19 24	4 5	8 59	8 56	16 48	18 45	2 59
M20	8 56	18 35	4 37	17 31	0 14	10 6	6 16	11 7	2 12	6 32	1 33	18 28	0 55	19 42	0 6	17 32	0 20	19 24	4 5	8 59	8 57	16 51	18 45	3 0
T 21	8 33	22 37	5 3	17 30	0 3	10 18	6 25	11 11	2 12	6 30	1 33	18 27	0 55	19 43	0 6	17 31	0 20	19 24	4 5	8 59	8 59	16 54	18 45	3 0
W22	8 11	25 45	5 16	17 28	0s 9	10 30	6 34	11 14	2 12	6 29	1 33	18 25	0 55	19 43	0 6	17 31	0 20	19 24	4 5	8 59	9 0	16 56	18 45	3 1
T 23	7 48	27 47	5 15	17 24	0 20	10 40	6 43	11 17	2 12	6 27	1 33	18 23	0 55	19 43	0 6	17 30	0 20	19 24	4 5	8 59	9 1	16 59	18 45	3 1
F 24	7 25	28 30	5 0	17 19	0 30	10 50	6 52	11 20	2 12	6 25	1 33	18 21	0 55	19 44	0 6	17 30	0 20	19 24	4 5	8 59	9 2	17 2	18 45	3 2
S 25	7 3	27 47	4 30	17 12	0 40	10 58	7 0	11 23	2 12	6 23	1 34	18 20	0 55	19 44	0 6	17 29	0 20	19 24	4 5	8 59	9 3	17 5	18 44	3 2
S 26	6 40	25 33	3 46	17 4	0 49	11 5	7 8	11 26	2 11	6 21	1 34	18 18	0 55	19 44	0 6	17 29	0 20	19 24	4 5	8 59	9 4	17 7	18 44	3 3
M27	6 17	21 53	2 49	16 54	0 58	11 11	7 16	11 28	2 11	6 19	1 34	18 16	0 56	19 45	0 6	17 28	0 20	19 24	4 5	8 59	9 6	17 10	18 44	3 3
T 28	5s54	16n55	1n40	16s43	1s 7	11n15	7n23	11s31	2n11	6s17	1n34	18s14	0s56	19n45	0s 6	17s27	0s20	19s24	4n 5	8s58	9s 7	17n13	18s44	3n 4

Julian Day Number = 2094009.5, Delta T = 22m44s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'45, Lahiri = 10°12'45 Julian Calendar 1 Feb. 1021 == Greg. Calendar 7 Feb. 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

MARCH 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 56 44	16♓ 6'44	2♍46	18♒41	11°R 6	6♏ 1	19°R35	11♒53	28♉ 9	12♒33	25♐28	7°R 2	6♓37	4♉41	7♐56	W 1
T 2	11 0 41	17° 6'12	17°14	19°50	10♈55	6° 6	19♎29	11°59	28°11	12°35	25°28	7♓ 2	6°33	4°48	7°57	T 2
F 3	11 4 37	18° 5'39	1♎57	21° 1	10°42	6°10	19°24	12° 6	28°13	12°37	25°29	7° 2	6°30	4°54	7°58	F 3
S 4	11 8 34	19° 5'03	16°48	22°14	10°26	6°13	19°18	12°12	28°14	12°39	25°30	7° 1	6°27	5° 1	7°59	S 4
S 5	11 12 30	20° 4'25	1♏38	23°29	10° 7	6°16	19°12	12°18	28°16	12°41	25°30	6°59	6°24	5° 8	8° 0	S 5
M 6	11 16 27	21° 3'46	16°21	24°46	9°47	6°18	19° 7	12°24	28°18	12°42	25°31	6°57	6°21	5°14	8° 1	M 6
T 7	11 20 23	22° 3'04	0♐50	26° 5	9°23	6°20	19° 1	12°31	28°20	12°44	25°31	6°56	6°18	5°21	8° 2	T 7
W 8	11 24 20	23° 2'21	15° 3	27°25	8°58	6°R20	18°54	12°37	28°22	12°46	25°32	6°55	6°14	5°28	8° 2	W 8
T 9	11 28 17	24° 1'37	28°55	28°48	8°31	6°20	18°48	12°43	28°23	12°48	25°32	6°D55	6°11	5°35	8° 3	T 9
F 10	11 32 13	25° 0'50	12♑29	0♓12	8° 2	6°19	18°42	12°49	28°25	12°50	25°33	6°56	6° 8	5°41	8° 3	F 10
S 11	11 36 10	26° 0'02	25°44	1°37	7°31	6°18	18°35	12°55	28°27	12°52	25°33	6°57	6° 5	5°48	8° 3	S 11
S 12	11 40 6	26°59'11	8♒43	3° 4	6°58	6°15	18°29	13° 1	28°29	12°53	25°33	6°58	6° 2	5°55	8° 3	S 12
M13	11 44 3	27°58'19	21°26	4°33	6°24	6°12	18°22	13° 7	28°32	12°55	25°34	7° 0	5°59	6° 1	8°R 3	M13
T 14	11 47 59	28°57'25	3♓58	6° 4	5°49	6° 8	18°15	13°12	28°34	12°57	25°34	7°R 0	5°55	6° 8	8° 3	T 14
W15	11 51 56	29°56'29	16°18	7°36	5°13	6° 4	18° 8	13°18	28°36	12°59	25°34	7° 0	5°52	6°15	8° 3	W15
T 16	11 55 52	0♈55'31	28°29	9° 9	4°36	5°58	18° 1	13°24	28°38	13° 0	25°34	6°59	5°49	6°22	8° 3	T 16
F 17	11 59 49	1°54'30	10♈32	10°44	3°58	5°52	17°54	13°29	28°40	13° 2	25°34	6°56	5°46	6°28	8° 3	F 17
S 18	12 3 46	2°53'28	22°30	12°21	3°20	5°45	17°47	13°35	28°43	13° 4	25°35	6°52	5°43	6°35	8° 2	S 18
S 19	12 7 42	3°52'24	4♉23	13°59	2°42	5°37	17°40	13°40	28°45	13° 5	25°35	6°47	5°39	6°42	8° 2	S 19
M20	12 11 39	4°51'17	16°13	15°38	2° 5	5°28	17°33	13°46	28°47	13° 7	25°35	6°42	5°36	6°48	8° 1	M20
T 21	12 15 35	5°50'08	28° 5	17°19	1°27	5°19	17°25	13°51	28°50	13° 8	25°35	6°38	5°33	6°55	8° 0	T 21
W22	12 19 32	6°48'57	10♊ 0	19° 2	0°51	5° 9	17°18	13°57	28°52	13°10	25°R35	6°34	5°30	7° 2	7°59	W22
T 23	12 23 28	7°47'44	22° 3	20°46	0°15	4°58	17°10	14° 2	28°55	13°11	25°35	6°31	5°27	7° 8	7°59	T 23
F 24	12 27 25	8°46'28	4♋17	22°31	29♓41	4°47	17° 3	14° 7	28°57	13°13	25°35	6°D30	5°24	7°15	7°58	F 24
S 25	12 31 21	9°45'10	16°48	24°19	29° 8	4°34	16°55	14°12	29° 0	13°14	25°35	6°30	5°20	7°22	7°57	S 25
S 26	12 35 18	10°43'50	29°38	26° 7	28°36	4°21	16°48	14°17	29° 2	13°16	25°35	6°31	5°17	7°29	7°55	S 26
M27	12 39 15	11°42'28	12♌53	27°58	28° 6	4° 8	16°40	14°22	29° 5	13°17	25°35	6°33	5°14	7°35	7°54	M27
T 28	12 43 11	12°41'03	26°35	29°50	27°38	3°53	16°33	14°27	29° 8	13°19	25°34	6°34	5°11	7°42	7°53	T 28
W29	12 47 8	13°39'36	10♍45	1♈43	27°12	3°38	16°25	14°32	29°10	13°20	25°34	6°R34	5° 8	7°49	7°51	W29
T 30	12 51 4	14°38'07	25°20	3°38	26°49	3°23	16°17	14°37	29°13	13°21	25°34	6°33	5° 4	7°55	7°50	T 30
F 31	12 55 1	15♈36'36	10♎16	5♈35	26♓27	3♏ 6	16♎10	14♒42	29♉16	13♒22	25♐34	6♓30	5♓ 1	8♉ 2	7♐48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s30	10n55	0n24	16s30	1s15	11n18	7n30	11s33	2n11	6s15	1n34	18s13	0s56	19n45	0s 6	17s27	0s20	19s24	4n 5	8s58	9s 8	17n16	18s43	3n 4
T 2	5 7	4 12	0s56	16 16	1 23	11 20	7 37	11 35	2 10	6 13	1 34	18 11	0 56	19 46	0 6	17 26	0 20	19 24	4 5	8 58	9 9	17 18	18 43	3 5
F 3	4 44	2s49	2 14	16 0	1 30	11 20	7 43	11 36	2 10	6 10	1 35	18 9	0 56	19 46	0 6	17 26	0 20	19 24	4 5	8 59	9 10	17 21	18 43	3 5
S 4	4 21	9 45	3 23	15 42	1 37	11 19	7 48	11 38	2 10	6 8	1 35	18 8	0 56	19 46	0 6	17 25	0 20	19 24	4 5	8 59	9 12	17 24	18 42	3 6
S 5	3 57	16 8	4 18	15 24	1 44	11 16	7 53	11 39	2 9	6 6	1 35	18 6	0 56	19 47	0 6	17 25	0 20	19 24	4 5	9 0	9 13	17 27	18 42	3 6
M 6	3 34	21 32	4 56	15 3	1 50	11 12	7 58	11 40	2 9	6 3	1 35	18 4	0 56	19 47	0 6	17 24	0 20	19 24	4 5	9 0	9 14	17 29	18 42	3 7
T 7	3 10	25 33	5 14	14 42	1 55	11 6	8 1	11 41	2 8	6 1	1 35	18 3	0 57	19 48	0 6	17 24	0 20	19 24	4 5	9 1	9 15	17 32	18 41	3 7
W 8	2 47	27 54	5 13	14 19	2 0	10 59	8 4	11 42	2 8	5 59	1 35	18 1	0 57	19 48	0 6	17 23	0 20	19 24	4 5	9 1	9 16	17 35	18 41	3 8
T 9	2 23	28 27	4 53	13 54	2 5	10 50	8 7	11 42	2 7	5 56	1 35	18 0	0 57	19 48	0 6	17 23	0 20	19 24	4 5	9 1	9 17	17 37	18 40	3 8
F 10	2 0	27 15	4 17	13 28	2 9	10 40	8 8	11 42	2 7	5 54	1 35	17 58	0 57	19 49	0 6	17 22	0 20	19 24	4 5	9 1	9 19	17 40	18 40	3 9
S 11	1 36	24 31	3 28	13 1	2 12	10 28	8 9	11 43	2 6	5 51	1 36	17 56	0 57	19 49	0 6	17 22	0 20	19 24	4 5	9 0	9 20	17 43	18 39	3 9
S 12	1 12	20 35	2 30	12 32	2 15	10 15	8 9	11 42	2 5	5 48	1 36	17 55	0 57	19 50	0 6	17 21	0 20	19 24	4 5	9 0	9 21	17 45	18 39	3 10
M13	0 49	15 46	1 25	12 2	2 18	10 0	8 8	11 42	2 5	5 46	1 36	17 53	0 57	19 50	0 6	17 21	0 20	19 24	4 6	8 59	9 22	17 48	18 38	3 10
T 14	0 25	10 22	0 17	11 31	2 20	9 44	8 6	11 42	2 4	5 43	1 36	17 52	0 57	19 51	0 6	17 20	0 20	19 24	4 6	8 59	9 23	17 51	18 38	3 11
W15	0 1	4 39	0n51	10 58	2 22	9 27	8 3	11 41	2 3	5 40	1 36	17 50	0 58	19 51	0 6	17 20	0 20	19 24	4 6	8 59	9 24	17 54	18 37	3 11
T 16	0n22	1n 9	1 55	10 23	2 23	9 9	7 59	11 40	2 2	5 38	1 36	17 49	0 58	19 52	0 6	17 19	0 20	19 24	4 6	9 0	9 26	17 56	18 37	3 12
F 17	0 46	6 51	2 54	9 48	2 24	8 50	7 54	11 39	2 1	5 35	1 36	17 47	0 58	19 52	0 6	17 19	0 20	19 24	4 6	9 1	9 27	17 59	18 36	3 12
S 18	1 9	12 16	3 44	9 11	2 24	8 29	7 49	11 37	2 0	5 32	1 36	17 46	0 58	19 53	0 6	17 18	0 20	19 24	4 6	9 2	9 28	18 2	18 36	3 13
S 19	1 33	17 11	4 24	8 33	2 24	8 8	7 42	11 36	1 59	5 29	1 36	17 44	0 58	19 53	0 6	17 18	0 20	19 24	4 6	9 4	9 29	18 4	18 35	3 13
M20	1 56	21 27	4 53	7 53	2 23	7 47	7 35	11 34	1 58	5 26	1 36	17 43	0 58	19 54	0 6	17 18	0 20	19 24	4 6	9 6	9 30	18 7	18 35	3 14
T 21	2 20	24 51	5 9	7 13	2 22	7 24	7 27	11 32	1 57	5 24	1 36	17 41	0 58	19 54	0 6	17 17	0 20	19 24	4 6	9 8	9 32	18 9	18 34	3 14
W22	2 43	27 13	5 12	6 31	2 20	7 2	7 18	11 30	1 56	5 21	1 36	17 40	0 59	19 55	0 6	17 17	0 20	19 24	4 6	9 9	9 33	18 12	18 34	3 15
T 23	3 7	28 20	5 1	5 47	2 18	6 39	7 8	11 27	1 54	5 18	1 36	17 39	0 59	19 56	0 6	17 16	0 20	19 24	4 6	9 10	9 34	18 15	18 33	3 15
F 24	3 30	28 6	4 37	5 3	2 15	6 16	6 58	11 24	1 53	5 15	1 36	17 37	0 59	19 56	0 6	17 16	0 20	19 24	4 6	9 10	9 35	18 17	18 32	3 16
S 25	3 53	26 27	3 59	4 17	2 12	5 52	6 47	11 22	1 52	5 12	1 36	17 36	0 59	19 57	0 6	17 15	0 20	19 24	4 6	9 10	9 36	18 20	18 32	3 16
S 26	4 16	23 24	3 8	3 30	2 8	5 29	6 36	11 19	1 50	5 9	1 36	17 34	0 59	19 57	0 6	17 15	0 20	19 24	4 6	9 10	9 37	18 23	18 31	3 16
M27	4 39	19 2	2 6	2 42	2 4	5 6	6 24	11 15	1 49	5 6	1 36	17 33	0 59	19 58	0 6	17 15	0 20	19 24	4 6	9 9	9 39	18 25	18 30	3 17
T 28	5 2	13 34	0 54	1 53	1 59	4 44	6 12	11 12	1 47	5 3	1 36	17 32	0 59	19 58	0 6	17 14	0 20	19 24	4 6	9 9	9 40	18 28	18 30	3 17
W29	5 25	7 14	0s23	1 3	1 54	4 22	5 59	11 9	1 46	5 0	1 36	17 31	1 0	19 59	0 6	17 14	0 20	19 24	4 6	9 9	9 41	18 31	18 29	3 18
T 30	5 48	0 20	1 40	0 12	1 48	4 1	5 46	11 5	1 44	4 57	1 36	17 29	1 0	20 0	0 6	17 14	0 20	19 24	4 6	9 9	9 42	18 33	18 28	3 18
F 31	6n11	6s44	2s53	0n41	1s41	3n40	5n33	11s 1	1n42	4s55	1n36	17s28	1s 0	20n 0	0s 6	17s13	0s20	19s24	4n 6	9s10	9s43	18n36	18s27	3n19

Julian Day Number = 2094037.5, Delta T = 22m44s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'49, Lahiri = 10°12'49 Julian Calendar 1 March 1021 == Greg. Calendar 7 March 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

APRIL 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 58 57	16♈35'03	25♎26	7♈33	26°R 8	2°R50	16°R 2	14♒46	29♉19	13♒24	25°R33	6°R25	4♓58	8♉ 9	7°R46	S 1
S 2	13 2 54	17°33'28	10♏38	9°32	25♓51	2♏32	15♎54	14°51	29°21	13°25	25♐33	6♓19	4°55	8°16	7♐45	S 2
M 3	13 6 50	18°31'51	25°43	11°33	25°36	2°14	15°47	14°55	29°24	13°26	25°33	6°13	4°52	8°22	7°43	M 3
T 4	13 10 47	19°30'13	10♐32	13°36	25°24	1°55	15°39	15° 0	29°27	13°27	25°32	6° 8	4°49	8°29	7°41	T 4
W 5	13 14 43	20°28'33	24°59	15°40	25°15	1°36	15°31	15° 4	29°30	13°29	25°32	6° 3	4°45	8°36	7°39	W 5
T 6	13 18 40	21°26'51	9♑ 0	17°45	25° 8	1°17	15°24	15° 8	29°33	13°30	25°32	6° 1	4°42	8°42	7°37	T 6
F 7	13 22 37	22°25'08	22°34	19°51	25° 3	0°57	15°16	15°13	29°36	13°31	25°31	6°D 0	4°39	8°49	7°34	F 7
S 8	13 26 33	23°23'24	5♒44	21°59	25°D 1	0°37	15° 9	15°17	29°39	13°32	25°31	6° 1	4°36	8°56	7°32	S 8
S 9	13 30 30	24°21'38	18°33	24° 7	25° 1	0°16	15° 1	15°21	29°42	13°33	25°30	6° 2	4°33	9° 2	7°30	S 9
M10	13 34 26	25°19'50	1♓ 4	26°16	25° 4	29♎55	14°54	15°25	29°45	13°34	25°30	6°R 3	4°30	9° 9	7°27	M10
T 11	13 38 23	26°18'00	13°21	28°25	25° 9	29°34	14°46	15°29	29°48	13°35	25°29	6° 3	4°26	9°16	7°25	T 11
W12	13 42 19	27°16'09	25°28	0♉35	25°16	29°12	14°39	15°32	29°51	13°36	25°28	6° 1	4°23	9°23	7°22	W12
T 13	13 46 16	28°14'17	7♈28	2°44	25°25	28°50	14°32	15°36	29°54	13°37	25°28	5°56	4°20	9°29	7°19	T 13
F 14	13 50 12	29°12'23	19°24	4°53	25°36	28°28	14°24	15°40	29°57	13°38	25°27	5°50	4°17	9°36	7°17	F 14
S 15	13 54 9	0♉10'27	1♉16	7° 2	25°50	28° 7	14°17	15°43	0♊ 1	13°39	25°27	5°41	4°14	9°43	7°14	S 15
S 16	13 58 6	1° 8'29	13° 7	9° 9	26° 5	27°45	14°10	15°47	0° 4	13°39	25°26	5°31	4°10	9°49	7°11	S 16
M17	14 2 2	2° 6'30	24°59	11°16	26°23	27°23	14° 3	15°50	0° 7	13°40	25°25	5°20	4° 7	9°56	7° 8	M17
T 18	14 5 59	3° 4'29	6♊53	13°21	26°42	27° 1	13°56	15°53	0°10	13°41	25°24	5° 9	4° 4	10° 3	7° 5	T 18
W19	14 9 55	4° 2'27	18°51	15°24	27° 3	26°39	13°49	15°57	0°13	13°42	25°24	5° 0	4° 1	10°10	7° 2	W19
T 20	14 13 52	5° 0'22	0♋56	17°25	27°26	26°17	13°42	16° 0	0°17	13°42	25°23	4°53	3°58	10°16	6°59	T 20
F 21	14 17 48	5°58'16	13°10	19°24	27°50	25°56	13°36	16° 3	0°20	13°43	25°22	4°48	3°55	10°23	6°56	F 21
S 22	14 21 45	6°56'08	25°39	21°20	28°17	25°34	13°29	16° 6	0°23	13°44	25°21	4°45	3°51	10°30	6°52	S 22
S 23	14 25 41	7°53'59	8♌25	23°14	28°44	25°13	13°23	16° 8	0°27	13°44	25°20	4°D45	3°48	10°36	6°49	S 23
M24	14 29 38	8°51'47	21°34	25° 5	29°14	24°53	13°16	16°11	0°30	13°45	25°19	4°45	3°45	10°43	6°46	M24
T 25	14 33 35	9°49'34	5♍ 8	26°53	29°44	24°32	13°10	16°14	0°33	13°45	25°18	4°R45	3°42	10°50	6°42	T 25
W26	14 37 31	10°47'18	19° 9	28°37	0♈16	24°12	13° 4	16°16	0°37	13°46	25°17	4°45	3°39	10°57	6°39	W26
T 27	14 41 28	11°45'01	3♎38	0♊19	0°50	23°53	12°58	16°19	0°40	13°46	25°16	4°42	3°36	11° 3	6°35	T 27
F 28	14 45 24	12°42'43	18°32	1°58	1°25	23°34	12°52	16°21	0°43	13°47	25°15	4°37	3°32	11°10	6°32	F 28
S 29	14 49 21	13°40'23	3♏44	3°33	2° 1	23°16	12°46	16°24	0°47	13°47	25°14	4°29	3°29	11°17	6°28	S 29
S 30	14 53 17	14♉38'02	19♏ 3	5♊ 5	2♈38	22♎58	12♎41	16♒26	0♊50	13♒48	25♐13	4♓19	3♓26	11♉23	6♐24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n33	13s31	3s54	1n34	1s34	3n20	5n19	10s57	1n40	4s52	1n36	17s27	1s 0	20n 1	0s 6	17s13	0s20	19s24	4n 6	9s12	9s44	18n38	18s27	3n19
S 2	6 56	19 30	4 39	2 28	1 27	3 0	5 5	10 53	1 38	4 49	1 36	17 26	1 0	20 2	0 6	17 13	0 20	19 24	4 6	9 14	9 46	18 41	18 26	3 20
M 3	7 18	24 12	5 4	3 23	1 19	2 42	4 52	10 48	1 37	4 46	1 36	17 25	1 0	20 2	0 6	17 12	0 20	19 24	4 6	9 17	9 47	18 44	18 25	3 20
T 4	7 40	27 14	5 8	4 18	1 11	2 25	4 38	10 44	1 35	4 43	1 36	17 23	1 1	20 3	0 6	17 12	0 20	19 24	4 6	9 19	9 48	18 46	18 24	3 21
W 5	8 2	28 21	4 53	5 15	1 2	2 8	4 24	10 39	1 32	4 40	1 36	17 22	1 1	20 3	0 6	17 12	0 20	19 24	4 6	9 20	9 49	18 49	18 24	3 21
T 6	8 24	27 35	4 20	6 11	0 53	1 53	4 10	10 34	1 30	4 37	1 36	17 21	1 1	20 4	0 6	17 11	0 20	19 24	4 6	9 21	9 50	18 51	18 23	3 22
F 7	8 46	25 10	3 33	7 8	0 43	1 38	3 57	10 29	1 28	4 34	1 36	17 20	1 1	20 5	0 6	17 11	0 20	19 24	4 6	9 22	9 51	18 54	18 22	3 22
S 8	9 8	21 28	2 36	8 5	0 34	1 25	3 43	10 24	1 26	4 31	1 36	17 19	1 1	20 5	0 6	17 11	0 20	19 23	4 6	9 21	9 53	18 56	18 21	3 22
S 9	9 30	16 49	1 33	9 2	0 23	1 13	3 29	10 19	1 24	4 28	1 36	17 18	1 1	20 6	0 6	17 10	0 21	19 23	4 6	9 21	9 54	18 59	18 20	3 23
M10	9 51	11 34	0 27	9 59	0 13	1 2	3 16	10 14	1 21	4 26	1 36	17 17	1 2	20 7	0 6	17 10	0 21	19 23	4 6	9 20	9 55	19 1	18 20	3 23
T 11	10 12	5 58	0n39	10 56	0 3	0 52	3 3	10 9	1 19	4 23	1 36	17 16	1 2	20 7	0 6	17 10	0 21	19 23	4 6	9 21	9 56	19 4	18 19	3 24
W12	10 33	0 14	1 43	11 52	0n 8	0 42	2 50	10 3	1 16	4 20	1 36	17 15	1 2	20 8	0 6	17 10	0 21	19 23	4 6	9 21	9 57	19 7	18 18	3 24
T 13	10 54	5n26	2 41	12 47	0 19	0 35	2 37	9 58	1 14	4 17	1 35	17 14	1 2	20 9	0 6	17 9	0 21	19 23	4 6	9 23	9 58	19 9	18 17	3 25
F 14	11 15	10 53	3 31	13 41	0 29	0 28	2 25	9 53	1 11	4 15	1 35	17 13	1 2	20 9	0 6	17 9	0 21	19 23	4 6	9 25	10 0	19 12	18 16	3 25
S 15	11 36	15 54	4 12	14 34	0 40	0 22	2 13	9 47	1 9	4 12	1 35	17 12	1 2	20 10	0 6	17 9	0 21	19 23	4 6	9 29	10 1	19 14	18 15	3 25
S 16	11 56	20 20	4 42	15 25	0 50	0 17	2 1	9 42	1 6	4 9	1 35	17 11	1 3	20 11	0 6	17 9	0 21	19 23	4 6	9 32	10 2	19 17	18 15	3 26
M17	12 16	23 57	4 59	16 15	1 0	0 13	1 49	9 36	1 4	4 7	1 35	17 10	1 3	20 11	0 6	17 9	0 21	19 23	4 6	9 36	10 3	19 19	18 14	3 26
T 18	12 36	26 34	5 4	17 3	1 10	0 10	1 38	9 31	1 1	4 4	1 35	17 10	1 3	20 12	0 6	17 8	0 21	19 23	4 6	9 40	10 4	19 22	18 13	3 27
W19	12 56	28 0	4 55	17 49	1 20	0 8	1 26	9 26	0 58	4 2	1 35	17 9	1 3	20 13	0 6	17 8	0 21	19 23	4 6	9 44	10 5	19 24	18 12	3 27
T 20	13 16	28 8	4 34	18 32	1 29	0 8	1 15	9 20	0 55	3 59	1 35	17 8	1 3	20 14	0 6	17 8	0 21	19 23	4 6	9 46	10 7	19 27	18 11	3 27
F 21	13 35	26 53	3 59	19 14	1 37	0 8	1 5	9 15	0 53	3 57	1 34	17 7	1 3	20 14	0 6	17 8	0 21	19 23	4 6	9 48	10 8	19 29	18 10	3 28
S 22	13 54	24 17	3 13	19 53	1 45	0 9	0 54	9 10	0 50	3 54	1 34	17 7	1 4	20 15	0 6	17 8	0 21	19 23	4 6	9 49	10 9	19 32	18 9	3 28
S 23	14 13	20 26	2 16	20 29	1 52	0 10	0 44	9 5	0 47	3 52	1 34	17 6	1 4	20 16	0 6	17 7	0 21	19 23	4 6	9 49	10 10	19 34	18 8	3 29
M24	14 32	15 30	1 10	21 3	1 59	0 13	0 35	9 0	0 44	3 50	1 34	17 5	1 4	20 16	0 6	17 7	0 21	19 23	4 6	9 49	10 11	19 37	18 7	3 29
T 25	14 50	9 39	0s 2	21 35	2 4	0 17	0 25	8 55	0 41	3 47	1 34	17 5	1 4	20 17	0 6	17 7	0 21	19 23	4 6	9 49	10 12	19 39	18 6	3 29
W26	15 8	3 9	1 16	22 4	2 9	0 21	0 16	8 50	0 38	3 45	1 33	17 4	1 4	20 18	0 6	17 7	0 21	19 23	4 6	9 49	10 13	19 42	18 5	3 30
T 27	15 26	3s42	2 27	22 30	2 14	0 26	0 7	8 46	0 36	3 43	1 33	17 3	1 5	20 19	0 6	17 7	0 21	19 23	4 6	9 50	10 15	19 44	18 4	3 30
F 28	15 44	10 32	3 30	22 54	2 17	0 32	0s 2	8 42	0 33	3 41	1 33	17 3	1 5	20 19	0 6	17 7	0 21	19 23	4 6	9 52	10 16	19 47	18 4	3 30
S 29	16 2	16 54	4 20	23 16	2 20	0 39	0 10	8 37	0 30	3 39	1 33	17 2	1 5	20 20	0 6	17 7	0 21	19 23	4 6	9 55	10 17	19 49	18 3	3 31
S 30	16n19	22s15	4s51	23n35	2n22	0n46	0s19	8s33	0n27	3s37	1n33	17s 2	1s 5	20n21	0s 6	17s 7	0s21	19s23	4n 6	9s59	10s18	19n51	18s 2	3n31

Julian Day Number = 2094068.5, Delta T = 22m43s
Ecliptic obliquity = 23°34'07, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'53, Lahiri = 10°12'54 Julian Calendar 1 Apr. 1021 == Greg. Calendar 7 Apr. 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

MAY 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 57 14	15♉35'39	4♐20	6♊34	3♈16	22°R40	12°R35	16♒28	0♊54	13♒48	25°R12	4°R 9	3♓23	11♉30	6°R21	M 1
T 2	15 1 10	16°33'15	19°22	7°59	3°56	22♎23	12♎30	16°30	0°57	13°48	25♐11	4♓ 0	3°20	11°37	6♐17	T 2
W 3	15 5 7	17°30'51	4♑ 1	9°21	4°36	22° 7	12°25	16°32	1° 1	13°49	25°10	3°52	3°16	11°44	6°13	W 3
T 4	15 9 4	18°28'25	18°12	10°39	5°18	21°52	12°20	16°34	1° 4	13°49	25° 9	3°47	3°13	11°50	6° 9	T 4
F 5	15 13 0	19°25'58	1♒53	11°54	6° 0	21°37	12°15	16°35	1° 8	13°49	25° 8	3°44	3°10	11°57	6° 5	F 5
S 6	15 16 57	20°23'30	15° 6	13° 5	6°44	21°23	12°10	16°37	1°11	13°49	25° 7	3°43	3° 7	12° 4	6° 1	S 6
S 7	15 20 53	21°21'01	27°54	14°13	7°28	21° 9	12° 5	16°39	1°15	13°49	25° 5	3°43	3° 4	12°10	5°58	S 7
M 8	15 24 50	22°18'32	10♓22	15°16	8°14	20°57	12° 1	16°40	1°18	13°49	25° 4	3°43	3° 1	12°17	5°54	M 8
T 9	15 28 46	23°16'01	22°34	16°16	9° 0	20°45	11°57	16°41	1°22	13°50	25° 3	3°41	2°57	12°24	5°50	T 9
W10	15 32 43	24°13'30	4♈35	17°12	9°47	20°34	11°52	16°43	1°25	13°50	25° 2	3°38	2°54	12°31	5°46	W10
T 11	15 36 39	25°10'58	16°29	18° 5	10°35	20°23	11°48	16°44	1°29	13°R50	25° 1	3°32	2°51	12°37	5°42	T 11
F 12	15 40 36	26° 8'25	28°20	18°53	11°23	20°14	11°45	16°45	1°32	13°50	24°59	3°23	2°48	12°44	5°38	F 12
S 13	15 44 33	27° 5'51	10♉11	19°37	12°13	20° 5	11°41	16°46	1°36	13°50	24°58	3°12	2°45	12°51	5°33	S 13
S 14	15 48 29	28° 3'16	22° 3	20°17	13° 3	19°57	11°37	16°47	1°39	13°49	24°57	2°59	2°42	12°57	5°29	S 14
M15	15 52 26	29° 0'40	3♊57	20°53	13°53	19°50	11°34	16°47	1°43	13°49	24°55	2°45	2°38	13° 4	5°25	M15
T 16	15 56 22	29°58'04	15°57	21°24	14°44	19°43	11°31	16°48	1°46	13°49	24°54	2°31	2°35	13°11	5°21	T 16
W17	16 0 19	0♊55'26	28° 2	21°51	15°36	19°38	11°28	16°49	1°50	13°49	24°53	2°19	2°32	13°18	5°17	W17
T 18	16 4 15	1°52'48	10♋14	22°14	16°29	19°33	11°25	16°49	1°53	13°49	24°51	2° 9	2°29	13°24	5°13	T 18
F 19	16 8 12	2°50'08	22°36	22°32	17°22	19°29	11°23	16°49	1°57	13°49	24°50	2° 2	2°26	13°31	5° 9	F 19
S 20	16 12 9	3°47'28	5♌ 9	22°46	18°15	19°27	11°20	16°50	2° 0	13°48	24°49	1°58	2°22	13°38	5° 5	S 20
S 21	16 16 5	4°44'47	17°57	22°54	19°10	19°24	11°18	16°50	2° 4	13°48	24°47	1°56	2°19	13°44	5° 0	S 21
M22	16 20 2	5°42'04	1♍ 4	22°R59	20° 4	19°23	11°16	16°R50	2° 8	13°48	24°46	1°56	2°16	13°51	4°56	M22
T 23	16 23 58	6°39'20	14°32	22°59	20°59	19°D23	11°14	16°50	2°11	13°47	24°44	1°56	2°13	13°58	4°52	T 23
W24	16 27 55	7°36'36	28°24	22°54	21°55	19°23	11°12	16°50	2°15	13°47	24°43	1°55	2°10	14° 5	4°48	W24
T 25	16 31 51	8°33'50	12♎41	22°45	22°51	19°24	11°10	16°50	2°18	13°46	24°41	1°52	2° 7	14°11	4°44	T 25
F 26	16 35 48	9°31'04	27°22	22°32	23°47	19°26	11° 9	16°49	2°22	13°46	24°40	1°46	2° 3	14°18	4°40	F 26
S 27	16 39 44	10°28'17	12♏22	22°14	24°44	19°29	11° 8	16°49	2°25	13°46	24°39	1°38	2° 0	14°25	4°36	S 27
S 28	16 43 41	11°25'29	27°32	21°54	25°42	19°32	11° 7	16°48	2°29	13°45	24°37	1°29	1°57	14°31	4°32	S 28
M29	16 47 38	12°22'41	12♐43	21°29	26°39	19°36	11° 6	16°48	2°32	13°44	24°36	1°18	1°54	14°38	4°27	M29
T 30	16 51 34	13°19'53	27°44	21° 2	27°38	19°41	11° 5	16°47	2°36	13°44	24°34	1° 8	1°51	14°45	4°23	T 30
W31	16 55 31	14♊17'04	12♑25	20♊32	28♈36	19♎47	11♎ 5	16♒46	2♊39	13♒43	24♐33	1♓ 0	1♓48	14♉52	4♐19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n36	26s 4	5s 2	23n52	2n23	0n54	0s26	8s30	0n24	3s35	1n33	17s 1	1s 5	20n21	0s 6	17s 7	0s21	19s23	4n 6	10s 2	10s19	19n54	18s 1	3n31
T 2	16 53	27 59	4 51	24 7	2 23	1 3	0 34	8 26	0 21	3 33	1 32	17 1	1 5	20 22	0 6	17 6	0 21	19 23	4 6	10 6	10 20	19 56	18 0	3 32
W 3	17 9	27 52	4 22	24 19	2 23	1 12	0 42	8 23	0 18	3 31	1 32	17 1	1 6	20 23	0 6	17 6	0 21	19 23	4 6	10 8	10 22	19 59	17 59	3 32
T 4	17 25	25 54	3 36	24 29	2 21	1 22	0 49	8 19	0 16	3 29	1 32	17 0	1 6	20 24	0 6	17 6	0 21	19 23	4 6	10 10	10 23	20 1	17 58	3 32
F 5	17 41	22 27	2 40	24 38	2 19	1 33	0 56	8 16	0 13	3 28	1 32	17 0	1 6	20 24	0 6	17 6	0 21	19 23	4 6	10 12	10 24	20 4	17 57	3 33
S 6	17 56	17 56	1 37	24 44	2 16	1 44	1 2	8 14	0 10	3 26	1 31	16 59	1 6	20 25	0 6	17 6	0 21	19 23	4 6	10 12	10 25	20 6	17 56	3 33
S 7	18 12	12 45	0 31	24 48	2 12	1 56	1 9	8 11	0 7	3 24	1 31	16 59	1 6	20 26	0 6	17 6	0 21	19 23	4 6	10 12	10 26	20 8	17 55	3 33
M 8	18 27	7 11	0n35	24 51	2 7	2 8	1 15	8 9	0 4	3 23	1 31	16 59	1 7	20 27	0 6	17 6	0 21	19 23	4 6	10 12	10 27	20 11	17 54	3 34
T 9	18 41	1 28	1 38	24 52	2 1	2 21	1 21	8 7	0 2	3 21	1 31	16 59	1 7	20 27	0 5	17 6	0 21	19 23	4 6	10 12	10 28	20 13	17 53	3 34
W10	18 56	4n12	2 35	24 51	1 54	2 34	1 27	8 5	0s 1	3 20	1 30	16 59	1 7	20 28	0 5	17 6	0 21	19 23	4 6	10 14	10 30	20 16	17 52	3 34
T 11	19 10	9 40	3 25	24 48	1 47	2 48	1 32	8 4	0 4	3 19	1 30	16 58	1 7	20 29	0 5	17 6	0 21	19 23	4 6	10 16	10 31	20 18	17 51	3 34
F 12	19 24	14 46	4 6	24 44	1 38	3 2	1 37	8 3	0 6	3 17	1 30	16 58	1 7	20 29	0 5	17 6	0 21	19 23	4 6	10 19	10 32	20 20	17 50	3 35
S 13	19 37	19 19	4 36	24 38	1 29	3 17	1 42	8 2	0 9	3 16	1 30	16 58	1 8	20 30	0 5	17 6	0 21	19 23	4 6	10 23	10 33	20 23	17 49	3 35
S 14	19 50	23 6	4 54	24 32	1 19	3 32	1 47	8 1	0 12	3 15	1 29	16 58	1 8	20 31	0 5	17 6	0 21	19 23	4 6	10 28	10 34	20 25	17 48	3 35
M15	20 3	25 57	4 59	24 23	1 8	3 47	1 52	8 1	0 14	3 14	1 29	16 58	1 8	20 32	0 5	17 6	0 21	19 23	4 6	10 33	10 35	20 28	17 47	3 35
T 16	20 15	27 39	4 51	24 14	0 57	4 3	1 56	8 1	0 17	3 13	1 29	16 58	1 8	20 32	0 5	17 7	0 21	19 23	4 6	10 38	10 36	20 30	17 46	3 36
W17	20 27	28 4	4 30	24 3	0 44	4 19	2 0	8 1	0 19	3 12	1 29	16 58	1 8	20 33	0 5	17 7	0 21	19 23	4 6	10 42	10 38	20 32	17 45	3 36
T 18	20 39	27 6	3 57	23 51	0 31	4 36	2 4	8 1	0 21	3 11	1 28	16 58	1 8	20 34	0 5	17 7	0 21	19 23	4 6	10 46	10 39	20 35	17 44	3 36
F 19	20 50	24 49	3 12	23 39	0 17	4 53	2 8	8 2	0 24	3 10	1 28	16 58	1 9	20 34	0 5	17 7	0 21	19 23	4 6	10 48	10 40	20 37	17 43	3 36
S 20	21 1	21 17	2 16	23 25	0 3	5 10	2 12	8 3	0 26	3 10	1 28	16 58	1 9	20 35	0 5	17 7	0 21	19 23	4 6	10 50	10 41	20 39	17 43	3 37
S 21	21 12	16 42	1 13	23 10	0s12	5 27	2 15	8 5	0 29	3 9	1 28	16 58	1 9	20 36	0 5	17 7	0 21	19 23	4 5	10 50	10 42	20 42	17 42	3 37
M22	21 22	11 14	0 5	22 55	0 28	5 45	2 19	8 6	0 31	3 8	1 27	16 58	1 9	20 37	0 5	17 7	0 22	19 23	4 5	10 51	10 43	20 44	17 41	3 37
T 23	21 32	5 6	1s 6	22 39	0 44	6 3	2 22	8 8	0 33	3 8	1 27	16 59	1 9	20 37	0 5	17 7	0 22	19 23	4 5	10 51	10 45	20 46	17 40	3 37
W24	21 42	1s25	2 15	22 22	1 0	6 21	2 25	8 10	0 35	3 7	1 27	16 59	1 10	20 38	0 5	17 7	0 22	19 23	4 5	10 51	10 46	20 49	17 39	3 37
T 25	21 51	8 4	3 17	22 5	1 17	6 39	2 27	8 13	0 38	3 7	1 27	16 59	1 10	20 39	0 5	17 8	0 22	19 23	4 5	10 52	10 47	20 51	17 38	3 37
F 26	22 0	14 27	4 9	21 48	1 34	6 58	2 30	8 15	0 40	3 7	1 26	16 59	1 10	20 39	0 5	17 8	0 22	19 23	4 5	10 54	10 48	20 53	17 37	3 38
S 27	22 8	20 8	4 44	21 30	1 51	7 16	2 32	8 18	0 42	3 7	1 26	17 0	1 10	20 40	0 5	17 8	0 22	19 23	4 5	10 57	10 49	20 56	17 36	3 38
S 28	22 16	24 35	5 0	21 12	2 7	7 35	2 34	8 22	0 44	3 6	1 26	17 0	1 10	20 41	0 5	17 8	0 22	19 23	4 5	11 0	10 50	20 58	17 35	3 38
M29	22 24	27 19	4 55	20 54	2 24	7 54	2 36	8 25	0 46	3 6	1 25	17 0	1 11	20 42	0 5	17 8	0 22	19 23	4 5	11 4	10 51	21 0	17 34	3 38
T 30	22 31	28 2	4 29	20 36	2 40	8 13	2 38	8 29	0 48	3 6	1 25	17 1	1 11	20 42	0 5	17 8	0 22	19 23	4 5	11 8	10 53	21 2	17 34	3 38
W31	22n38	26s44	3s46	20n19	2s55	8n33	2s40	8s33	0s50	3s 6	1n25	17s 1	1s11	20n43	0s 5	17s 9	0s22	19s23	4n 5	11s11	10s54	21n 5	17s33	3n38

Julian Day Number = 2094098.5, Delta T = 22m43s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°05'57, Lahiri = 10°12'58 Julian Calendar 1 May 1021 == Greg. Calendar 7 May 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

JUNE 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 59 27	15♊14'14	26♉41	20°R 0	29♈35	19♎54	11°R 4	16°R45	2♊43	13°R43	24°R31	0°R53	1♓44	14♉58	4°R15	T 1
F 2	17 3 24	16°11'25	10♒27	19♊26	0♉34	20° 1	11°D 4	16♒44	2°46	13♒42	24♐30	0♓50	1°41	15° 5	4♐11	F 2
S 3	17 7 20	17° 8'35	23°45	18°52	1°34	20° 9	11♎ 4	16°43	2°50	13°41	24°28	0°48	1°38	15°12	4° 7	S 3
S 4	17 11 17	18° 5'46	6♓37	18°17	2°34	20°18	11° 5	16°42	2°53	13°41	24°27	0°D48	1°35	15°18	4° 3	S 4
M 5	17 15 13	19° 2'56	19° 7	17°42	3°34	20°27	11° 5	16°41	2°57	13°40	24°25	0°R49	1°32	15°25	4° 0	M 5
T 6	17 19 10	20° 0'06	1♈20	17° 8	4°35	20°37	11° 6	16°39	3° 0	13°39	24°24	0°48	1°28	15°32	3°56	T 6
W 7	17 23 7	20°57'16	13°20	16°35	5°36	20°48	11° 6	16°38	3° 3	13°38	24°22	0°46	1°25	15°39	3°52	W 7
T 8	17 27 3	21°54'27	25°14	16° 4	6°37	20°59	11° 7	16°36	3° 7	13°37	24°21	0°41	1°22	15°45	3°48	T 8
F 9	17 31 0	22°51'37	7♉ 4	15°36	7°39	21°11	11° 8	16°35	3°10	13°37	24°19	0°34	1°19	15°52	3°44	F 9
S 10	17 34 56	23°48'48	18°55	15°10	8°41	21°24	11°10	16°33	3°14	13°36	24°18	0°25	1°16	15°59	3°41	S 10
S 11	17 38 53	24°45'59	0♊50	14°48	9°43	21°37	11°11	16°31	3°17	13°35	24°16	0°14	1°13	16° 6	3°37	S 11
M12	17 42 49	25°43'09	12°51	14°30	10°45	21°51	11°13	16°29	3°20	13°34	24°15	0° 2	1° 9	16°12	3°33	M12
T 13	17 46 46	26°40'20	24°59	14°16	11°48	22° 6	11°15	16°27	3°24	13°33	24°13	29♒50	1° 6	16°19	3°30	T 13
W14	17 50 42	27°37'31	7♋15	14° 6	12°50	22°21	11°17	16°25	3°27	13°32	24°12	29°40	1° 3	16°26	3°26	W14
T 15	17 54 39	28°34'42	19°40	14° 1	13°54	22°37	11°19	16°23	3°30	13°31	24°10	29°32	1° 0	16°32	3°23	T 15
F 16	17 58 36	29°31'53	2♌15	14°D 1	14°57	22°53	11°21	16°20	3°34	13°30	24° 8	29°26	0°57	16°39	3°19	F 16
S 17	18 2 32	0♋29'04	15° 1	14° 6	16° 0	23°10	11°24	16°18	3°37	13°29	24° 7	29°23	0°54	16°46	3°16	S 17
S 18	18 6 29	1°26'15	28° 0	14°16	17° 4	23°28	11°26	16°16	3°40	13°28	24° 5	29°D22	0°50	16°53	3°12	S 18
M19	18 10 25	2°23'25	11♍14	14°31	18° 8	23°46	11°29	16°13	3°43	13°26	24° 4	29°22	0°47	16°59	3° 9	M19
T 20	18 14 22	3°20'36	24°45	14°51	19°12	24° 4	11°32	16°10	3°46	13°25	24° 2	29°23	0°44	17° 6	3° 6	T 20
W21	18 18 18	4°17'46	8♎33	15°17	20°17	24°24	11°35	16° 8	3°50	13°24	24° 1	29°R23	0°41	17°13	3° 3	W21
T 22	18 22 15	5°14'57	22°41	15°47	21°21	24°43	11°39	16° 5	3°53	13°23	23°59	29°22	0°38	17°19	2°59	T 22
F 23	18 26 11	6°12'07	7♏ 6	16°23	22°26	25° 4	11°42	16° 2	3°56	13°22	23°58	29°19	0°34	17°26	2°56	F 23
S 24	18 30 8	7° 9'18	21°46	17° 4	23°31	25°24	11°46	15°59	3°59	13°21	23°57	29°13	0°31	17°33	2°53	S 24
S 25	18 34 5	8° 6'29	6♐36	17°51	24°36	25°45	11°50	15°56	4° 2	13°19	23°55	29° 7	0°28	17°40	2°51	S 25
M26	18 38 1	9° 3'40	21°27	18°42	25°41	26° 7	11°54	15°53	4° 5	13°18	23°54	28°59	0°25	17°46	2°48	M26
T 27	18 41 58	10° 0'52	6♑11	19°38	26°47	26°29	11°58	15°50	4° 8	13°17	23°52	28°52	0°22	17°53	2°45	T 27
W28	18 45 54	10°58'04	20°41	20°40	27°53	26°52	12° 2	15°47	4°11	13°15	23°51	28°46	0°19	18° 0	2°42	W28
T 29	18 49 51	11°55'16	4♒49	21°46	28°59	27°15	12° 7	15°43	4°14	13°14	23°49	28°42	0°15	18° 7	2°40	T 29
F 30	18 53 47	12♋52'29	18♒34	22♊57	0♊ 5	27♎38	12♎12	15♒40	4♊17	13♒13	23♐48	28♒39	0♓12	18♉13	2♐37	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n45	23s43	2s50	20n 2	3s10	8n52	2s42	8s37	0s52	3s 7	1n25	17s 2	1s11	20n44	0s 5	17s 9	0s22	19s23	4n 5	11s13	10s55	21n 7	17s32	3n39
F 2	22 51	19 24	1 46	19 45	3 24	9 11	2 43	8 42	0 54	3 7	1 24	17 2	1 11	20 44	0 5	17 9	0 22	19 23	4 5	11 14	10 56	21 9	17 31	3 39
S 3	22 57	14 16	0 37	19 29	3 37	9 31	2 44	8 46	0 55	3 7	1 24	17 3	1 12	20 45	0 5	17 9	0 22	19 23	4 5	11 15	10 57	21 12	17 30	3 39
S 4	23 2	8 39	0n31	19 15	3 49	9 51	2 45	8 51	0 57	3 7	1 24	17 3	1 12	20 46	0 5	17 9	0 22	19 23	4 4	11 15	10 58	21 14	17 29	3 39
M 5	23 7	2 52	1 36	19 1	4 0	10 10	2 46	8 56	0 59	3 8	1 23	17 4	1 12	20 46	0 5	17 10	0 22	19 23	4 4	11 15	10 59	21 16	17 29	3 39
T 6	23 11	2n53	2 34	18 49	4 9	10 30	2 47	9 2	1 1	3 8	1 23	17 4	1 12	20 47	0 5	17 10	0 22	19 23	4 4	11 15	11 0	21 18	17 28	3 39
W 7	23 15	8 26	3 25	18 38	4 17	10 49	2 48	9 7	1 2	3 9	1 23	17 5	1 12	20 48	0 5	17 10	0 22	19 23	4 4	11 16	11 2	21 21	17 27	3 39
T 8	23 19	13 38	4 7	18 28	4 23	11 9	2 48	9 13	1 4	3 9	1 23	17 6	1 12	20 48	0 5	17 10	0 22	19 23	4 4	11 17	11 3	21 23	17 26	3 39
F 9	23 22	18 19	4 38	18 20	4 28	11 29	2 49	9 19	1 6	3 10	1 22	17 6	1 13	20 49	0 5	17 11	0 22	19 23	4 4	11 20	11 4	21 25	17 25	3 39
S 10	23 25	22 17	4 56	18 14	4 32	11 48	2 49	9 26	1 7	3 11	1 22	17 7	1 13	20 50	0 5	17 11	0 22	19 23	4 4	11 23	11 5	21 27	17 25	3 39
S 11	23 28	25 21	5 2	18 10	4 34	12 8	2 49	9 32	1 9	3 12	1 22	17 8	1 13	20 50	0 5	17 11	0 22	19 23	4 4	11 27	11 6	21 29	17 24	3 39
M12	23 30	27 20	4 55	18 7	4 34	12 27	2 49	9 39	1 10	3 13	1 21	17 9	1 13	20 51	0 5	17 12	0 22	19 23	4 4	11 31	11 7	21 32	17 23	3 39
T 13	23 32	28 2	4 34	18 7	4 33	12 47	2 49	9 46	1 12	3 14	1 21	17 9	1 13	20 52	0 5	17 12	0 22	19 23	4 4	11 35	11 8	21 34	17 22	3 39
W14	23 33	27 22	4 1	18 8	4 31	13 6	2 49	9 53	1 13	3 15	1 21	17 10	1 14	20 52	0 5	17 12	0 22	19 23	4 3	11 39	11 10	21 36	17 22	3 39
T 15	23 34	25 20	3 15	18 11	4 27	13 25	2 48	10 0	1 15	3 16	1 21	17 11	1 14	20 53	0 5	17 12	0 22	19 23	4 3	11 42	11 11	21 38	17 21	3 40
F 16	23 34	22 2	2 19	18 15	4 23	13 44	2 48	10 7	1 16	3 17	1 20	17 12	1 14	20 54	0 5	17 13	0 22	19 23	4 3	11 44	11 12	21 40	17 20	3 40
S 17	23 34	17 38	1 16	18 22	4 17	14 3	2 47	10 15	1 18	3 18	1 20	17 13	1 14	20 54	0 5	17 13	0 22	19 23	4 3	11 45	11 13	21 43	17 20	3 40
S 18	23 34	12 21	0 7	18 30	4 10	14 22	2 46	10 23	1 19	3 20	1 20	17 14	1 14	20 55	0 5	17 13	0 22	19 23	4 3	11 45	11 14	21 45	17 19	3 40
M19	23 33	6 25	1s 3	18 40	4 2	14 40	2 46	10 31	1 20	3 21	1 20	17 15	1 14	20 55	0 5	17 14	0 22	19 23	4 3	11 45	11 15	21 47	17 18	3 40
T 20	23 32	0 5	2 12	18 51	3 53	14 59	2 45	10 39	1 22	3 22	1 19	17 16	1 15	20 56	0 5	17 14	0 22	19 23	4 3	11 45	11 16	21 49	17 18	3 40
W21	23 30	6s23	3 14	19 3	3 43	15 17	2 44	10 47	1 23	3 24	1 19	17 17	1 15	20 57	0 5	17 15	0 22	19 24	4 3	11 45	11 17	21 51	17 17	3 40
T 22	23 28	12 40	4 6	19 17	3 32	15 35	2 43	10 56	1 24	3 25	1 19	17 18	1 15	20 57	0 5	17 15	0 22	19 24	4 3	11 45	11 19	21 54	17 17	3 40
F 23	23 25	18 25	4 44	19 32	3 21	15 53	2 41	11 4	1 25	3 27	1 18	17 19	1 15	20 58	0 5	17 15	0 22	19 24	4 2	11 46	11 20	21 56	17 16	3 40
S 24	23 22	23 11	5 4	19 48	3 9	16 10	2 40	11 13	1 26	3 29	1 18	17 20	1 15	20 58	0 5	17 16	0 22	19 24	4 2	11 48	11 21	21 58	17 16	3 40
S 25	23 19	26 31	5 4	20 4	2 57	16 28	2 39	11 22	1 28	3 31	1 18	17 21	1 15	20 59	0 5	17 16	0 22	19 24	4 2	11 51	11 22	22 0	17 15	3 39
M26	23 15	28 0	4 43	20 21	2 44	16 45	2 37	11 31	1 29	3 32	1 18	17 22	1 16	21 0	0 5	17 16	0 22	19 24	4 2	11 53	11 23	22 2	17 15	3 39
T 27	23 11	27 29	4 4	20 39	2 31	17 1	2 35	11 40	1 30	3 34	1 17	17 23	1 16	21 0	0 5	17 17	0 22	19 24	4 2	11 56	11 24	22 4	17 14	3 39
W28	23 7	25 6	3 10	20 57	2 18	17 18	2 34	11 49	1 31	3 36	1 17	17 24	1 16	21 1	0 5	17 17	0 22	19 24	4 2	11 58	11 25	22 6	17 14	3 39
T 29	23 2	21 11	2 5	21 15	2 4	17 34	2 32	11 58	1 32	3 38	1 17	17 25	1 16	21 1	0 5	17 18	0 22	19 24	4 2	11 59	11 26	22 8	17 13	3 39
F 30	22n56	16s12	0s54	21n32	1s51	17n50	2s30	12s 8	1s33	3s40	1n17	17s26	1s16	21n 2	0s 5	17s18	0s22	19s24	4n 1	12s 0	11s28	22n11	17s13	3n39

Julian Day Number = 2094129.5, Delta T = 22m43s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'01, Lahiri = 10°13'02 Julian Calendar 1 June 1021 == Greg. Calendar 7 June 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

JULY 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 57 44	13♋49'43	1♓53	24♊13	1♊11	28♎ 2	12♎16	15°R36	4♊20	13°R11	23°R46	28°D39	0♓ 9	18♉20	2°R34	S 1
S 2	19 1 41	14°46'58	14°47	25°33	2°17	28°27	12°21	15♒33	4°23	13♒10	23♐45	28♒40	0° 6	18°27	2♐32	S 2
M 3	19 5 37	15°44'13	27°20	26°58	3°24	28°51	12°26	15°29	4°26	13° 9	23°44	28°41	0° 3	18°33	2°30	M 3
T 4	19 9 34	16°41'29	9♈35	28°27	4°30	29°17	12°32	15°26	4°29	13° 7	23°42	28°42	29♒59	18°40	2°27	T 4
W 5	19 13 30	17°38'47	21°38	0♋ 1	5°37	29°42	12°37	15°22	4°32	13° 6	23°41	28°R43	29°56	18°47	2°25	W 5
T 6	19 17 27	18°36'05	3♉33	1°38	6°44	0♏ 8	12°43	15°18	4°34	13° 4	23°40	28°41	29°53	18°54	2°23	T 6
F 7	19 21 23	19°33'24	15°25	3°20	7°51	0°34	12°48	15°15	4°37	13° 3	23°38	28°38	29°50	19° 0	2°21	F 7
S 8	19 25 20	20°30'45	27°18	5° 5	8°59	1° 1	12°54	15°11	4°40	13° 1	23°37	28°34	29°47	19° 7	2°19	S 8
S 9	19 29 16	21°28'06	9♊17	6°53	10° 6	1°28	13° 0	15° 7	4°43	13° 0	23°36	28°28	29°44	19°14	2°17	S 9
M10	19 33 13	22°25'29	21°23	8°44	11°14	1°56	13° 6	15° 3	4°45	12°58	23°34	28°22	29°40	19°20	2°15	M10
T 11	19 37 10	23°22'53	3♋40	10°39	12°22	2°24	13°13	14°59	4°48	12°57	23°33	28°16	29°37	19°27	2°14	T 11
W12	19 41 6	24°20'17	16° 9	12°35	13°29	2°52	13°19	14°55	4°50	12°55	23°32	28°10	29°34	19°34	2°12	W12
T 13	19 45 3	25°17'43	28°50	14°34	14°37	3°20	13°26	14°51	4°53	12°54	23°31	28° 6	29°31	19°41	2°10	T 13
F 14	19 48 59	26°15'10	11♌44	16°35	15°46	3°49	13°32	14°46	4°55	12°52	23°29	28° 3	29°28	19°47	2° 9	F 14
S 15	19 52 56	27°12'37	24°51	18°37	16°54	4°18	13°39	14°42	4°58	12°51	23°28	28°D 2	29°25	19°54	2° 8	S 15
S 16	19 56 52	28°10'05	8♍10	20°40	18° 2	4°48	13°46	14°38	5° 0	12°49	23°27	28° 3	29°21	20° 1	2° 6	S 16
M17	20 0 49	29° 7'34	21°41	22°44	19°11	5°18	13°53	14°34	5° 3	12°48	23°26	28° 4	29°18	20° 8	2° 5	M17
T 18	20 4 45	0♌ 5'04	5♎25	24°48	20°19	5°48	14° 1	14°30	5° 5	12°46	23°25	28° 5	29°15	20°14	2° 4	T 18
W19	20 8 42	1° 2'35	19°20	26°52	21°28	6°19	14° 8	14°25	5° 8	12°44	23°24	28° 6	29°12	20°21	2° 3	W19
T 20	20 12 39	2° 0'07	3♏25	28°56	22°37	6°50	14°16	14°21	5°10	12°43	23°22	28°R 7	29° 9	20°28	2° 2	T 20
F 21	20 16 35	2°57'39	17°41	1♌ 0	23°46	7°21	14°23	14°16	5°12	12°41	23°21	28° 6	29° 6	20°34	2° 1	F 21
S 22	20 20 32	3°55'13	2♐ 3	3° 3	24°55	7°52	14°31	14°12	5°14	12°40	23°20	28° 4	29° 2	20°41	2° 0	S 22
S 23	20 24 28	4°52'48	16°28	5° 5	26° 4	8°24	14°39	14° 8	5°16	12°38	23°19	28° 2	28°59	20°48	2° 0	S 23
M24	20 28 25	5°50'23	0♑53	7° 6	27°13	8°56	14°47	14° 3	5°19	12°36	23°18	27°59	28°56	20°55	1°59	M24
T 25	20 32 21	6°48'00	15°10	9° 7	28°23	9°28	14°55	13°59	5°21	12°35	23°17	27°56	28°53	21° 1	1°59	T 25
W26	20 36 18	7°45'38	29°17	11° 6	29°32	10° 1	15° 3	13°54	5°23	12°33	23°16	27°54	28°50	21° 8	1°58	W26
T 27	20 40 14	8°43'17	13♒ 8	13° 4	0♋42	10°33	15°12	13°50	5°25	12°32	23°15	27°52	28°46	21°15	1°58	T 27
F 28	20 44 11	9°40'57	26°39	15° 1	1°51	11° 7	15°20	13°45	5°27	12°30	23°14	27°D51	28°43	21°21	1°58	F 28
S 29	20 48 8	10°38'39	9♓51	16°56	3° 1	11°40	15°29	13°41	5°29	12°28	23°13	27°52	28°40	21°28	1°58	S 29
S 30	20 52 4	11°36'23	22°42	18°50	4°11	12°13	15°37	13°36	5°31	12°27	23°13	27°53	28°37	21°35	1°D58	S 30
M31	20 56 1	12♌34'08	5♈15	20♌43	5♋21	12♏47	15♎46	13♒32	5♊32	12♒25	23♐12	27♒54	28♒34	21♉42	1♐58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n51	10s36	0n17	21n50	1s37	18n 6	2s28	12s18	1s34	3s42	1n16	17s28	1s16	21n 2	0s 5	17s18	0s22	19s24	4n 1	12s 0	11s29	22n13	17s12	3n39
S 2	22 45	4 42	1 26	22 7	1 23	18 21	2 26	12 27	1 35	3 45	1 16	17 29	1 17	21 3	0 5	17 19	0 22	19 24	4 1	12 0	11 30	22 15	17 12	3 39
M 3	22 38	1n12	2 29	22 23	1 9	18 36	2 24	12 37	1 36	3 47	1 16	17 30	1 17	21 4	0 5	17 19	0 22	19 24	4 1	12 0	11 31	22 17	17 11	3 39
T 4	22 31	6 56	3 23	22 38	0 55	18 50	2 22	12 47	1 37	3 49	1 15	17 31	1 17	21 4	0 5	17 20	0 22	19 25	4 1	11 59	11 32	22 19	17 11	3 39
W 5	22 24	12 18	4 8	22 53	0 41	19 4	2 19	12 57	1 38	3 51	1 15	17 32	1 17	21 5	0 5	17 20	0 22	19 25	4 1	11 59	11 33	22 21	17 11	3 39
T 6	22 16	17 10	4 41	23 5	0 28	19 18	2 17	13 7	1 38	3 54	1 15	17 34	1 17	21 5	0 5	17 20	0 22	19 25	4 0	12 0	11 34	22 23	17 10	3 39
F 7	22 8	21 21	5 2	23 16	0 15	19 31	2 15	13 17	1 39	3 56	1 15	17 35	1 17	21 6	0 5	17 21	0 22	19 25	4 0	12 1	11 35	22 25	17 10	3 39
S 8	22 0	24 41	5 10	23 26	0 3	19 44	2 12	13 27	1 40	3 59	1 14	17 36	1 17	21 6	0 5	17 21	0 22	19 25	4 0	12 2	11 37	22 27	17 10	3 39
S 9	21 51	26 58	5 5	23 33	0n10	19 57	2 10	13 38	1 41	4 1	1 14	17 38	1 18	21 7	0 5	17 22	0 22	19 25	4 0	12 4	11 38	22 29	17 10	3 39
M10	21 41	28 2	4 46	23 38	0 21	20 9	2 7	13 48	1 42	4 4	1 14	17 39	1 18	21 7	0 5	17 22	0 23	19 25	4 0	12 6	11 39	22 31	17 9	3 38
T 11	21 32	27 44	4 13	23 40	0 32	20 21	2 4	13 58	1 43	4 7	1 14	17 40	1 18	21 8	0 5	17 23	0 23	19 25	4 0	12 9	11 40	22 33	17 9	3 38
W12	21 22	26 2	3 28	23 40	0 42	20 32	2 2	14 9	1 43	4 10	1 13	17 41	1 18	21 8	0 5	17 23	0 23	19 25	4 0	12 10	11 41	22 35	17 9	3 38
T 13	21 12	22 59	2 33	23 38	0 52	20 43	1 59	14 19	1 44	4 12	1 13	17 43	1 18	21 9	0 5	17 24	0 23	19 25	3 59	12 12	11 42	22 37	17 9	3 38
F 14	21 1	18 46	1 28	23 32	1 1	20 53	1 56	14 30	1 45	4 15	1 13	17 44	1 18	21 9	0 5	17 24	0 23	19 26	3 59	12 13	11 43	22 39	17 8	3 38
S 15	20 50	13 35	0 17	23 24	1 9	21 3	1 53	14 41	1 45	4 18	1 13	17 46	1 18	21 9	0 5	17 24	0 23	19 26	3 59	12 13	11 44	22 41	17 8	3 38
S 16	20 38	7 42	0s55	23 14	1 16	21 12	1 50	14 51	1 46	4 21	1 12	17 47	1 19	21 10	0 5	17 25	0 23	19 26	3 59	12 13	11 46	22 43	17 8	3 38
M17	20 27	1 23	2 6	23 0	1 23	21 21	1 47	15 2	1 47	4 24	1 12	17 48	1 19	21 10	0 5	17 25	0 23	19 26	3 59	12 13	11 47	22 45	17 8	3 38
T 18	20 14	5s 4	3 11	22 44	1 29	21 29	1 44	15 13	1 47	4 27	1 12	17 50	1 19	21 11	0 5	17 26	0 23	19 26	3 58	12 12	11 48	22 47	17 8	3 38
W19	20 2	11 22	4 5	22 25	1 33	21 36	1 41	15 24	1 48	4 30	1 12	17 51	1 19	21 11	0 5	17 26	0 23	19 26	3 58	12 12	11 49	22 49	17 8	3 37
T 20	19 49	17 11	4 45	22 4	1 38	21 44	1 38	15 35	1 49	4 33	1 12	17 52	1 19	21 12	0 5	17 27	0 23	19 26	3 58	12 12	11 50	22 51	17 8	3 37
F 21	19 36	22 7	5 9	21 41	1 41	21 50	1 35	15 45	1 49	4 36	1 11	17 54	1 19	21 12	0 5	17 27	0 23	19 26	3 58	12 12	11 51	22 53	17 8	3 37
S 22	19 23	25 47	5 13	21 15	1 43	21 56	1 32	15 56	1 50	4 40	1 11	17 55	1 19	21 12	0 5	17 28	0 23	19 27	3 58	12 12	11 52	22 55	17 8	3 37
S 23	19 9	27 49	4 58	20 48	1 45	22 2	1 29	16 7	1 50	4 43	1 11	17 57	1 19	21 13	0 5	17 28	0 23	19 27	3 58	12 13	11 53	22 57	17 8	3 37
M24	18 55	27 58	4 24	20 18	1 46	22 7	1 26	16 18	1 51	4 46	1 11	17 58	1 19	21 13	0 5	17 29	0 23	19 27	3 57	12 14	11 54	22 59	17 8	3 37
T 25	18 40	26 14	3 34	19 47	1 47	22 11	1 22	16 29	1 51	4 50	1 10	17 59	1 20	21 14	0 5	17 29	0 23	19 27	3 57	12 15	11 56	23 1	17 8	3 37
W26	18 26	22 52	2 31	19 14	1 46	22 15	1 19	16 40	1 52	4 53	1 10	18 1	1 20	21 14	0 5	17 30	0 23	19 27	3 57	12 16	11 57	23 3	17 8	3 36
T 27	18 11	18 15	1 20	18 40	1 45	22 18	1 16	16 51	1 52	4 56	1 10	18 2	1 20	21 14	0 5	17 30	0 23	19 27	3 57	12 17	11 58	23 5	17 8	3 36
F 28	17 55	12 48	0 7	18 4	1 44	22 21	1 13	17 2	1 53	5 0	1 10	18 4	1 20	21 15	0 5	17 31	0 23	19 27	3 57	12 17	11 59	23 7	17 8	3 36
S 29	17 40	6 54	1n 6	17 28	1 42	22 23	1 9	17 13	1 53	5 3	1 10	18 5	1 20	21 15	0 5	17 31	0 23	19 28	3 56	12 17	12 0	23 9	17 8	3 36
S 30	17 24	0 53	2 13	16 50	1 39	22 24	1 6	17 23	1 54	5 7	1 9	18 6	1 20	21 15	0 5	17 32	0 23	19 28	3 56	12 16	12 1	23 11	17 8	3 36
M31	17n 8	5n 2	3n12	16n11	1n36	22n25	1s 3	17s34	1s54	5s11	1n 9	18s 8	1s20	21n16	0s 5	17s32	0s23	19s28	3n56	12s16	12s 2	23n13	17s 9	3n36

Julian Day Number = 2094159.5, Delta T = 22m42s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'06, Lahiri = 10°13'06 Julian Calendar 1 July 1021 == Greg. Calendar 7 July 1021

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1021
geocentric

AUGUST 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 59 57	13♌31'54	17♈31	22♌35	6♋31	13♏21	15♎55	13°R27	5♊34	12°R23	23°R11	27♒55	28♒31	21♉48	1♐58	T 1
W 2	21 3 54	14°29'43	29°36	24°25	7°42	13°56	16° 4	13♒23	5°36	12♒22	23♐10	27°56	28°27	21°55	1°58	W 2
T 3	21 7 50	15°27'33	11♉32	26°13	8°52	14°30	16°13	13°18	5°38	12°20	23° 9	27°R57	28°24	22° 2	1°58	T 3
F 4	21 11 47	16°25'25	23°25	28° 1	10° 3	15° 5	16°22	13°13	5°39	12°18	23° 8	27°57	28°21	22° 9	1°59	F 4
S 5	21 15 43	17°23'19	5♊20	29°47	11°13	15°40	16°32	13° 9	5°41	12°17	23° 8	27°56	28°18	22°15	1°59	S 5
S 6	21 19 40	18°21'15	17°20	1♍31	12°24	16°15	16°41	13° 4	5°43	12°15	23° 7	27°55	28°15	22°22	2° 0	S 6
M 7	21 23 37	19°19'13	29°30	3°15	13°35	16°51	16°51	13° 0	5°44	12°14	23° 6	27°54	28°12	22°29	2° 1	M 7
T 8	21 27 33	20°17'12	11♋54	4°57	14°45	17°26	17° 0	12°55	5°46	12°12	23° 6	27°53	28° 8	22°35	2° 1	T 8
W 9	21 31 30	21°15'13	24°33	6°37	15°56	18° 2	17°10	12°51	5°47	12°10	23° 5	27°52	28° 5	22°42	2° 2	W 9
T 10	21 35 26	22°13'16	7♌29	8°17	17° 7	18°38	17°20	12°47	5°48	12° 9	23° 4	27°51	28° 2	22°49	2° 3	T 10
F 11	21 39 23	23°11'21	20°42	9°55	18°19	19°15	17°30	12°42	5°50	12° 7	23° 4	27°51	27°59	22°56	2° 4	F 11
S 12	21 43 19	24° 9'28	4♍12	11°32	19°30	19°51	17°40	12°38	5°51	12° 5	23° 3	27°D51	27°56	23° 2	2° 6	S 12
S 13	21 47 16	25° 7'36	17°57	13° 7	20°41	20°28	17°50	12°33	5°52	12° 4	23° 3	27°51	27°52	23° 9	2° 7	S 13
M14	21 51 12	26° 5'45	1♎54	14°42	21°52	21° 5	18° 0	12°29	5°54	12° 2	23° 2	27°52	27°49	23°16	2° 8	M14
T 15	21 55 9	27° 3'57	16° 1	16°15	23° 4	21°42	18°11	12°25	5°55	12° 1	23° 2	27°52	27°46	23°22	2°10	T 15
W16	21 59 6	28° 2'09	0♏13	17°47	24°15	22°19	18°21	12°20	5°56	11°59	23° 1	27°R52	27°43	23°29	2°11	W16
T 17	22 3 2	29° 0'24	14°28	19°18	25°27	22°57	18°31	12°16	5°57	11°58	23° 1	27°52	27°40	23°36	2°13	T 17
F 18	22 6 59	29°58'40	28°43	20°47	26°39	23°34	18°42	12°12	5°58	11°56	23° 1	27°D52	27°37	23°43	2°14	F 18
S 19	22 10 55	0♐56'58	12♐55	22°16	27°51	24°12	18°53	12° 8	5°59	11°55	23° 0	27°52	27°33	23°49	2°16	S 19
S 20	22 14 52	1°55'17	27° 2	23°43	29° 2	24°50	19° 3	12° 4	6° 0	11°53	23° 0	27°52	27°30	23°56	2°18	S 20
M21	22 18 48	2°53'37	11♑ 2	25° 8	0♌14	25°29	19°14	11°59	6° 1	11°52	23° 0	27°52	27°27	24° 3	2°20	M21
T 22	22 22 45	3°52'00	24°52	26°33	1°26	26° 7	19°25	11°55	6° 1	11°50	22°59	27°53	27°24	24°10	2°22	T 22
W23	22 26 41	4°50'24	8♒30	27°56	2°39	26°46	19°36	11°51	6° 2	11°49	22°59	27°53	27°21	24°16	2°24	W23
T 24	22 30 38	5°48'50	21°56	29°18	3°51	27°24	19°47	11°47	6° 3	11°47	22°59	27°R54	27°17	24°23	2°27	T 24
F 25	22 34 35	6°47'17	5♓ 8	0♎38	5° 3	28° 3	19°58	11°44	6° 3	11°46	22°59	27°54	27°14	24°30	2°29	F 25
S 26	22 38 31	7°45'47	18° 4	1°57	6°15	28°42	20° 9	11°40	6° 4	11°44	22°59	27°53	27°11	24°36	2°31	S 26
S 27	22 42 28	8°44'18	0♈46	3°15	7°28	29°22	20°21	11°36	6° 5	11°43	22°59	27°52	27° 8	24°43	2°34	S 27
M28	22 46 24	9°42'51	13°13	4°31	8°40	0♐ 1	20°32	11°32	6° 5	11°41	22°59	27°51	27° 5	24°50	2°37	M28
T 29	22 50 21	10°41'27	25°27	5°45	9°53	0°41	20°43	11°29	6° 6	11°40	22°58	27°49	27° 2	24°57	2°39	T 29
W30	22 54 17	11°40'05	7♉30	6°58	11° 6	1°20	20°55	11°25	6° 6	11°39	22°D58	27°47	26°58	25° 3	2°42	W30
T 31	22 58 14	12♍38'45	19♉27	8♎ 9	12♌18	2♐ 0	21♎ 6	11♒21	6♊ 6	11♒37	22♐58	27♒45	26♒55	25♉10	2♐45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n51	10n37	4n 1	15n31	1n33	22n25	0s59	17s45	1s55	5s14	1n 9	18s 9	1s20	21n16	0s 5	17s32	0s23	19s28	3n56	12s16	12s 3	23n15	17s 9	3n35
W 2	16 34	15 43	4 38	14 51	1 29	22 25	0 56	17 56	1 55	5 18	1 9	18 11	1 20	21 16	0 5	17 33	0 23	19 28	3 56	12 15	12 4	23 17	17 9	3 35
T 3	16 17	20 10	5 3	14 10	1 24	22 24	0 53	18 7	1 55	5 22	1 9	18 12	1 20	21 17	0 5	17 33	0 23	19 28	3 55	12 15	12 6	23 18	17 9	3 35
F 4	16 0	23 48	5 15	13 28	1 20	22 22	0 49	18 17	1 56	5 25	1 8	18 13	1 20	21 17	0 5	17 34	0 23	19 28	3 55	12 15	12 7	23 20	17 9	3 35
S 5	15 42	26 27	5 14	12 46	1 15	22 20	0 46	18 28	1 56	5 29	1 8	18 15	1 20	21 17	0 5	17 34	0 23	19 29	3 55	12 15	12 8	23 22	17 10	3 35
S 6	15 25	27 55	4 58	12 4	1 9	22 17	0 42	18 39	1 56	5 33	1 8	18 16	1 21	21 18	0 5	17 35	0 23	19 29	3 55	12 16	12 9	23 24	17 10	3 35
M 7	15 6	28 4	4 30	11 21	1 3	22 13	0 39	18 49	1 57	5 37	1 8	18 17	1 21	21 18	0 5	17 35	0 23	19 29	3 55	12 16	12 10	23 26	17 10	3 34
T 8	14 48	26 49	3 48	10 38	0 57	22 9	0 36	19 0	1 57	5 41	1 8	18 19	1 21	21 18	0 5	17 36	0 23	19 29	3 54	12 16	12 11	23 28	17 11	3 34
W 9	14 30	24 11	2 54	9 55	0 51	22 4	0 32	19 10	1 57	5 45	1 7	18 20	1 21	21 18	0 5	17 36	0 23	19 29	3 54	12 17	12 12	23 30	17 11	3 34
T 10	14 11	20 17	1 50	9 12	0 45	21 59	0 29	19 21	1 57	5 48	1 7	18 21	1 21	21 19	0 5	17 37	0 23	19 30	3 54	12 17	12 13	23 31	17 11	3 34
F 11	13 52	15 18	0 40	8 29	0 38	21 53	0 26	19 31	1 58	5 52	1 7	18 23	1 21	21 19	0 5	17 37	0 23	19 30	3 54	12 17	12 14	23 33	17 12	3 34
S 12	13 32	9 29	0s35	7 45	0 31	21 46	0 22	19 41	1 58	5 56	1 7	18 24	1 21	21 19	0 5	17 38	0 23	19 30	3 54	12 17	12 15	23 35	17 12	3 34
S 13	13 13	3 7	1 49	7 2	0 24	21 39	0 19	19 51	1 58	6 1	1 7	18 25	1 21	21 19	0 5	17 38	0 23	19 30	3 53	12 17	12 17	23 37	17 13	3 33
M14	12 53	3s29	2 58	6 18	0 16	21 31	0 16	20 2	1 58	6 5	1 6	18 27	1 21	21 20	0 5	17 39	0 23	19 30	3 53	12 17	12 18	23 39	17 13	3 33
T 15	12 33	9 58	3 56	5 35	0 9	21 23	0 13	20 12	1 59	6 9	1 6	18 28	1 21	21 20	0 5	17 39	0 23	19 30	3 53	12 17	12 19	23 41	17 13	3 33
W16	12 13	15 59	4 41	4 52	0 1	21 14	0 9	20 22	1 59	6 13	1 6	18 29	1 21	21 20	0 5	17 39	0 23	19 31	3 53	12 17	12 20	23 42	17 14	3 33
T 17	11 53	21 10	5 8	4 10	0s 7	21 4	0 6	20 31	1 59	6 17	1 6	18 30	1 21	21 20	0 5	17 40	0 23	19 31	3 52	12 17	12 21	23 44	17 14	3 33
F 18	11 32	25 8	5 17	3 27	0 14	20 53	0 3	20 41	1 59	6 21	1 6	18 32	1 21	21 20	0 5	17 40	0 23	19 31	3 52	12 17	12 22	23 46	17 15	3 33
S 19	11 12	27 32	5 6	2 45	0 22	20 43	0n 0	20 51	1 59	6 25	1 6	18 33	1 21	21 21	0 5	17 41	0 23	19 31	3 52	12 17	12 23	23 48	17 15	3 32
S 20	10 51	28 9	4 37	2 3	0 30	20 31	0 3	21 0	1 59	6 30	1 5	18 34	1 21	21 21	0 5	17 41	0 23	19 31	3 52	12 17	12 24	23 50	17 16	3 32
M21	10 30	26 57	3 51	1 21	0 38	20 19	0 6	21 10	1 59	6 34	1 5	18 35	1 21	21 21	0 5	17 42	0 23	19 32	3 52	12 17	12 25	23 51	17 16	3 32
T 22	10 9	24 6	2 53	0 40	0 47	20 6	0 10	21 19	1 59	6 38	1 5	18 36	1 21	21 21	0 5	17 42	0 23	19 32	3 51	12 16	12 26	23 53	17 17	3 32
W23	9 47	19 56	1 45	0s 1	0 55	19 53	0 13	21 28	2 0	6 43	1 5	18 38	1 21	21 21	0 5	17 42	0 23	19 32	3 51	12 16	12 28	23 55	17 18	3 32
T 24	9 26	14 47	0 33	0 41	1 3	19 39	0 16	21 38	2 0	6 47	1 5	18 39	1 21	21 21	0 5	17 43	0 23	19 32	3 51	12 16	12 29	23 57	17 18	3 32
F 25	9 4	9 4	0n40	1 21	1 11	19 24	0 19	21 47	2 0	6 51	1 5	18 40	1 21	21 21	0 5	17 43	0 23	19 32	3 51	12 16	12 30	23 58	17 19	3 31
S 26	8 42	3 4	1 49	2 0	1 19	19 9	0 22	21 55	2 0	6 56	1 4	18 41	1 21	21 21	0 5	17 44	0 23	19 33	3 51	12 16	12 31	24 0	17 19	3 31
S 27	8 20	2n56	2 52	2 38	1 28	18 54	0 24	22 4	2 0	7 0	1 4	18 42	1 21	21 22	0 5	17 44	0 23	19 33	3 50	12 17	12 32	24 2	17 20	3 31
M28	7 58	8 42	3 45	3 16	1 36	18 38	0 27	22 13	2 0	7 4	1 4	18 43	1 21	21 22	0 5	17 44	0 23	19 33	3 50	12 17	12 33	24 4	17 21	3 31
T 29	7 36	14 1	4 27	3 53	1 44	18 21	0 30	22 21	2 0	7 9	1 4	18 44	1 21	21 22	0 5	17 45	0 23	19 33	3 50	12 18	12 34	24 5	17 21	3 31
W30	7 13	18 45	4 56	4 30	1 52	18 4	0 33	22 30	2 0	7 13	1 4	18 45	1 21	21 22	0 5	17 45	0 23	19 34	3 50	12 19	12 35	24 7	17 22	3 31
T 31	6n51	22n41	5n12	5s 5	2s 0	17n46	0n36	22s38	2s 0	7s18	1n 4	18s46	1s21	21n22	0s 5	17s46	0s23	19s34	3n49	12s19	12s36	24n 9	17s23	3n30

Julian Day Number = 2094190.5, Delta T = 22m42s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'10, Lahiri = 10°13'10 Julian Calendar 1 Aug. 1021 == Greg. Calendar 7 Aug. 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

SEPTEMBER 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 2 10	13♍37'27	1♊19	9♎19	13♌31	2♐40	21♎18	11°R18	6♊ 7	11°R36	22♐59	27°R44	26♒52	25♉17	2♐48	F 1
S 2	23 6 7	14°36'12	13°13	10°26	14°44	3°20	21°30	11♒14	6° 7	11♒35	22°59	27°D44	26°49	25°24	2°51	S 2
S 3	23 10 4	15°34'59	25°12	11°31	15°57	4° 0	21°42	11°11	6° 7	11°33	22°59	27♒44	26°46	25°30	2°54	S 3
M 4	23 14 0	16°33'48	7♋22	12°34	17°10	4°41	21°53	11° 8	6° 7	11°32	22°59	27°45	26°43	25°37	2°57	M 4
T 5	23 17 57	17°32'40	19°46	13°35	18°23	5°21	22° 5	11° 5	6° 7	11°31	22°59	27°46	26°39	25°44	3° 0	T 5
W 6	23 21 53	18°31'34	2♌29	14°33	19°36	6° 2	22°17	11° 2	6°R 7	11°30	22°59	27°48	26°36	25°50	3° 4	W 6
T 7	23 25 50	19°30'30	15°33	15°28	20°49	6°43	22°29	10°58	6° 7	11°28	22°59	27°49	26°33	25°57	3° 7	T 7
F 8	23 29 46	20°29'28	29° 0	16°20	22° 3	7°24	22°41	10°56	6° 7	11°27	23° 0	27°R49	26°30	26° 4	3°11	F 8
S 9	23 33 43	21°28'29	12♍49	17° 9	23°16	8° 5	22°53	10°53	6° 7	11°26	23° 0	27°49	26°27	26°11	3°14	S 9
S 10	23 37 39	22°27'31	26°59	17°55	24°29	8°46	23° 5	10°50	6° 7	11°25	23° 0	27°47	26°23	26°17	3°18	S 10
M11	23 41 36	23°26'36	11♎25	18°36	25°43	9°28	23°18	10°47	6° 7	11°24	23° 1	27°44	26°20	26°24	3°22	M11
T 12	23 45 32	24°25'43	26° 0	19°14	26°56	10° 9	23°30	10°44	6° 6	11°23	23° 1	27°40	26°17	26°31	3°25	T 12
W13	23 49 29	25°24'51	10♏38	19°47	28°10	10°51	23°42	10°42	6° 6	11°22	23° 2	27°36	26°14	26°37	3°29	W13
T 14	23 53 26	26°24'02	25°13	20°15	29°24	11°32	23°54	10°39	6° 5	11°20	23° 2	27°33	26°11	26°44	3°33	T 14
F 15	23 57 22	27°23'14	9♐39	20°37	0♍37	12°14	24° 7	10°37	6° 5	11°19	23° 2	27°30	26° 8	26°51	3°37	F 15
S 16	0 1 19	28°22'28	23°53	20°54	1°51	12°56	24°19	10°35	6° 5	11°18	23° 3	27°D29	26° 4	26°58	3°41	S 16
S 17	0 5 15	29°21'44	7♑52	21° 5	3° 5	13°38	24°32	10°32	6° 4	11°17	23° 4	27°29	26° 1	27° 4	3°46	S 17
M18	0 9 12	0♎21'02	21°35	21°R 8	4°19	14°20	24°44	10°30	6° 3	11°17	23° 4	27°30	25°58	27°11	3°50	M18
T 19	0 13 8	1°20'21	5♒ 4	21° 5	5°33	15° 3	24°57	10°28	6° 3	11°16	23° 5	27°32	25°55	27°18	3°54	T 19
W20	0 17 5	2°19'43	18°18	20°54	6°47	15°45	25° 9	10°26	6° 2	11°15	23° 5	27°33	25°52	27°25	3°59	W20
T 21	0 21 2	3°19'06	1♓20	20°35	8° 1	16°28	25°22	10°25	6° 1	11°14	23° 6	27°R34	25°49	27°31	4° 3	T 21
F 22	0 24 58	4°18'31	14° 9	20° 7	9°15	17°10	25°35	10°23	6° 1	11°13	23° 7	27°32	25°45	27°38	4° 8	F 22
S 23	0 28 55	5°17'58	26°47	19°32	10°29	17°53	25°48	10°21	6° 0	11°12	23° 7	27°29	25°42	27°45	4°12	S 23
S 24	0 32 51	6°17'27	9♈14	18°48	11°43	18°36	26° 0	10°20	5°59	11°11	23° 8	27°24	25°39	27°51	4°17	S 24
M25	0 36 48	7°16'58	21°32	17°56	12°57	19°19	26°13	10°18	5°58	11°11	23° 9	27°17	25°36	27°58	4°21	M25
T 26	0 40 44	8°16'31	3♉40	16°57	14°11	20° 2	26°26	10°17	5°57	11°10	23°10	27°10	25°33	28° 5	4°26	T 26
W27	0 44 41	9°16'07	15°40	15°51	15°26	20°45	26°39	10°15	5°56	11° 9	23°11	27° 2	25°29	28°12	4°31	W27
T 28	0 48 37	10°15'44	27°34	14°41	16°40	21°28	26°52	10°14	5°55	11° 9	23°12	26°54	25°26	28°18	4°36	T 28
F 29	0 52 34	11°15'25	9♊26	13°28	17°55	22°11	27° 5	10°13	5°54	11° 8	23°12	26°48	25°23	28°25	4°41	F 29
S 30	0 56 30	12♎15'07	21♊18	12♎13	19♍ 9	22♐55	27♎18	10♒12	5♊52	11♒ 7	23♐13	26♒44	25♒20	28♉32	4♐46	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n28	25n40	5n15	5s40	2s 8	17n28	0n38	22s46	2s 0	7s22	1n 4	18s47	1s21	21n22	0s 5	17s46	0s23	19s34	3n49	12s19	12s37	24n10	17s24	3n30
S 2	6 6	27 32	5 4	6 14	2 16	17 9	0 41	22 54	2 0	7 27	1 3	18 48	1 21	21 22	0 5	17 46	0 23	19 34	3 49	12 20	12 38	24 12	17 24	3 30
S 3	5 43	28 9	4 40	6 46	2 23	16 50	0 43	23 1	2 0	7 31	1 3	18 49	1 21	21 22	0 5	17 47	0 23	19 34	3 49	12 20	12 40	24 14	17 25	3 30
M 4	5 20	27 25	4 3	7 18	2 30	16 30	0 46	23 9	2 0	7 36	1 3	18 50	1 21	21 22	0 5	17 47	0 23	19 35	3 49	12 19	12 41	24 15	17 26	3 30
T 5	4 57	25 19	3 14	7 48	2 38	16 10	0 48	23 16	1 59	7 40	1 3	18 51	1 21	21 22	0 5	17 47	0 23	19 35	3 48	12 19	12 42	24 17	17 27	3 30
W 6	4 34	21 54	2 15	8 17	2 45	15 49	0 51	23 23	1 59	7 45	1 3	18 52	1 21	21 22	0 5	17 48	0 23	19 35	3 48	12 18	12 43	24 19	17 27	3 30
T 7	4 11	17 20	1 7	8 45	2 51	15 28	0 53	23 30	1 59	7 50	1 3	18 52	1 21	21 22	0 5	17 48	0 23	19 35	3 48	12 18	12 44	24 20	17 28	3 29
F 8	3 47	11 47	0s 6	9 11	2 58	15 7	0 55	23 37	1 59	7 54	1 3	18 53	1 21	21 22	0 5	17 49	0 23	19 36	3 48	12 18	12 45	24 22	17 29	3 29
S 9	3 24	5 32	1 22	9 36	3 4	14 44	0 58	23 44	1 59	7 59	1 2	18 54	1 21	21 22	0 5	17 49	0 23	19 36	3 47	12 18	12 46	24 24	17 30	3 29
S 10	3 0	1s 8	2 33	9 58	3 9	14 22	1 0	23 50	1 59	8 3	1 2	18 55	1 21	21 22	0 5	17 49	0 23	19 36	3 47	12 19	12 47	24 25	17 31	3 29
M11	2 37	7 51	3 37	10 19	3 14	13 59	1 2	23 57	1 59	8 8	1 2	18 55	1 21	21 22	0 5	17 49	0 23	19 36	3 47	12 20	12 48	24 27	17 31	3 29
T 12	2 13	14 13	4 26	10 38	3 19	13 36	1 4	24 3	1 59	8 13	1 2	18 56	1 21	21 22	0 5	17 50	0 23	19 37	3 47	12 21	12 49	24 29	17 32	3 29
W13	1 50	19 49	4 59	10 54	3 23	13 12	1 6	24 9	1 58	8 17	1 2	18 57	1 21	21 22	0 5	17 50	0 23	19 37	3 47	12 22	12 50	24 30	17 33	3 29
T 14	1 26	24 13	5 12	11 8	3 26	12 48	1 8	24 14	1 58	8 22	1 2	18 57	1 21	21 22	0 5	17 50	0 23	19 37	3 46	12 23	12 52	24 32	17 34	3 28
F 15	1 3	27 3	5 6	11 19	3 29	12 24	1 10	24 20	1 58	8 27	1 2	18 58	1 21	21 22	0 5	17 51	0 23	19 37	3 46	12 24	12 53	24 33	17 35	3 28
S 16	0 39	28 5	4 40	11 27	3 30	11 59	1 11	24 25	1 58	8 31	1 2	18 59	1 21	21 22	0 5	17 51	0 23	19 38	3 46	12 25	12 54	24 35	17 36	3 28
S 17	0 15	27 18	3 58	11 32	3 31	11 34	1 13	24 30	1 58	8 36	1 2	18 59	1 21	21 22	0 5	17 51	0 23	19 38	3 46	12 25	12 55	24 37	17 37	3 28
M18	0s 8	24 51	3 4	11 33	3 31	11 8	1 15	24 35	1 57	8 41	1 1	19 0	1 21	21 21	0 5	17 51	0 23	19 38	3 45	12 24	12 56	24 38	17 38	3 28
T 19	0 32	21 2	2 0	11 30	3 29	10 43	1 16	24 40	1 57	8 46	1 1	19 0	1 21	21 21	0 5	17 52	0 23	19 38	3 45	12 24	12 57	24 40	17 38	3 28
W20	0 56	16 13	0 50	11 23	3 26	10 17	1 18	24 44	1 57	8 50	1 1	19 1	1 21	21 21	0 5	17 52	0 23	19 39	3 45	12 23	12 58	24 41	17 39	3 28
T 21	1 20	10 44	0n21	11 12	3 22	9 50	1 19	24 49	1 57	8 55	1 1	19 1	1 21	21 21	0 5	17 52	0 23	19 39	3 45	12 23	12 59	24 43	17 40	3 28
F 22	1 43	4 54	1 29	10 56	3 16	9 24	1 21	24 53	1 56	9 0	1 1	19 2	1 21	21 21	0 5	17 52	0 23	19 39	3 45	12 24	13 0	24 44	17 41	3 27
S 23	2 7	1n 2	2 32	10 35	3 9	8 57	1 22	24 56	1 56	9 4	1 1	19 2	1 21	21 21	0 5	17 53	0 23	19 39	3 44	12 25	13 1	24 46	17 42	3 27
S 24	2 31	6 51	3 27	10 10	2 59	8 29	1 23	25 0	1 56	9 9	1 1	19 3	1 21	21 21	0 5	17 53	0 23	19 40	3 44	12 26	13 2	24 48	17 43	3 27
M25	2 54	12 18	4 11	9 39	2 48	8 2	1 25	25 3	1 55	9 14	1 1	19 3	1 21	21 21	0 5	17 53	0 23	19 40	3 44	12 29	13 3	24 49	17 44	3 27
T 26	3 18	17 14	4 43	9 4	2 35	7 34	1 26	25 6	1 55	9 19	1 1	19 3	1 21	21 20	0 5	17 53	0 23	19 40	3 44	12 31	13 4	24 51	17 45	3 27
W27	3 42	21 26	5 2	8 25	2 20	7 6	1 27	25 9	1 55	9 23	1 1	19 4	1 21	21 20	0 5	17 53	0 23	19 40	3 44	12 34	13 6	24 52	17 46	3 27
T 28	4 5	24 43	5 8	7 42	2 3	6 38	1 28	25 12	1 54	9 28	1 0	19 4	1 21	21 20	0 5	17 54	0 23	19 41	3 43	12 37	13 7	24 54	17 47	3 27
F 29	4 29	26 56	5 1	6 57	1 45	6 10	1 28	25 14	1 54	9 33	1 0	19 4	1 20	21 20	0 5	17 54	0 23	19 41	3 43	12 39	13 8	24 55	17 48	3 27
S 30	4s52	27n57	4n41	6s10	1s25	5n41	1n29	25s16	1s54	9s38	1n 0	19s 4	1s20	21n20	0s 5	17s54	0s23	19s41	3n43	12s40	13s 9	24n57	17s49	3n27

Julian Day Number = 2094221.5, Delta T = 22m41s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'14, Lahiri = 10°13'14 Julian Calendar 1 Sept. 1021 == Greg. Calendar 7 Sept. 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

OCTOBER 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 0 27	13♎14'51	3♋14	10°R59	20♍23	23♐38	27♎30	10°R11	5°R51	11°R 7	23♐14	26°R41	25♒17	28♉39	4♐51	S 1
M 2	1 4 24	14°14'38	15°20	9♎49	21°38	24°22	27°43	10♒11	5♊50	11♒ 6	23°15	26°D41	25°14	28°45	4°56	M 2
T 3	1 8 20	15°14'28	27°40	8°44	22°53	25° 5	27°57	10°10	5°49	11° 6	23°16	26♒41	25°10	28°52	5° 2	T 3
W 4	1 12 17	16°14'19	10♌20	7°46	24° 7	25°49	28°10	10° 9	5°47	11° 5	23°17	26°42	25° 7	28°59	5° 7	W 4
T 5	1 16 13	17°14'13	23°22	6°57	25°22	26°33	28°23	10° 9	5°46	11° 5	23°19	26°R43	25° 4	29° 5	5°12	T 5
F 6	1 20 10	18°14'09	6♍52	6°18	26°37	27°16	28°36	10° 9	5°44	11° 5	23°20	26°43	25° 1	29°12	5°18	F 6
S 7	1 24 6	19°14'07	20°50	5°50	27°51	28° 0	28°49	10° 8	5°43	11° 4	23°21	26°40	24°58	29°19	5°23	S 7
S 8	1 28 3	20°14'07	5♎14	5°33	29° 6	28°44	29° 2	10° 8	5°41	11° 4	23°22	26°36	24°54	29°26	5°28	S 8
M 9	1 31 59	21°14'09	20° 0	5°D28	0♎21	29°29	29°15	10°D 8	5°40	11° 3	23°23	26°29	24°51	29°32	5°34	M 9
T 10	1 35 56	22°14'13	5♏ 0	5°35	1°36	0♑13	29°28	10° 8	5°38	11° 3	23°24	26°20	24°48	29°39	5°40	T 10
W11	1 39 53	23°14'19	20° 5	5°52	2°51	0°57	29°41	10° 8	5°36	11° 3	23°26	26°11	24°45	29°46	5°45	W11
T 12	1 43 49	24°14'27	5♐ 5	6°19	4° 5	1°41	29°55	10° 9	5°35	11° 3	23°27	26° 3	24°42	29°52	5°51	T 12
F 13	1 47 46	25°14'36	19°51	6°55	5°20	2°26	0♏ 8	10° 9	5°33	11° 3	23°28	25°56	24°39	29°59	5°57	F 13
S 14	1 51 42	26°14'48	4♑17	7°40	6°35	3°10	0°21	10° 9	5°31	11° 2	23°29	25°52	24°35	0♊ 6	6° 2	S 14
S 15	1 55 39	27°15'00	18°20	8°32	7°50	3°55	0°34	10°10	5°29	11° 2	23°31	25°50	24°32	0°13	6° 8	S 15
M16	1 59 35	28°15'15	2♒ 0	9°30	9° 5	4°39	0°47	10°11	5°28	11° 2	23°32	25°D49	24°29	0°19	6°14	M16
T 17	2 3 32	29°15'30	15°19	10°35	10°20	5°24	1° 1	10°11	5°26	11° 2	23°34	25°50	24°26	0°26	6°20	T 17
W18	2 7 28	0♏15'47	28°19	11°45	11°35	6° 9	1°14	10°12	5°24	11°D 2	23°35	25°R50	24°23	0°33	6°26	W18
T 19	2 11 25	1°16'06	11♓ 3	12°59	12°50	6°53	1°27	10°13	5°22	11° 2	23°36	25°49	24°20	0°40	6°32	T 19
F 20	2 15 22	2°16'26	23°35	14°16	14° 6	7°38	1°40	10°14	5°20	11° 2	23°38	25°45	24°16	0°46	6°38	F 20
S 21	2 19 18	3°16'48	5♈56	15°37	15°21	8°23	1°54	10°16	5°18	11° 2	23°39	25°39	24°13	0°53	6°44	S 21
S 22	2 23 15	4°17'11	18°10	17° 1	16°36	9° 8	2° 7	10°17	5°16	11° 3	23°41	25°30	24°10	1° 0	6°50	S 22
M23	2 27 11	5°17'36	0♉16	18°26	17°51	9°53	2°20	10°18	5°14	11° 3	23°42	25°18	24° 7	1° 6	6°56	M23
T 24	2 31 8	6°18'03	12°17	19°54	19° 6	10°38	2°33	10°20	5°11	11° 3	23°44	25° 5	24° 4	1°13	7° 3	T 24
W25	2 35 4	7°18'31	24°12	21°23	20°21	11°23	2°47	10°21	5° 9	11° 3	23°46	24°51	24° 0	1°20	7° 9	W25
T 26	2 39 1	8°19'01	6♊ 5	22°54	21°37	12° 8	3° 0	10°23	5° 7	11° 3	23°47	24°38	23°57	1°27	7°15	T 26
F 27	2 42 57	9°19'33	17°56	24°25	22°52	12°53	3°13	10°25	5° 5	11° 4	23°49	24°26	23°54	1°33	7°21	F 27
S 28	2 46 54	10°20'06	29°48	25°57	24° 7	13°39	3°26	10°27	5° 3	11° 4	23°50	24°17	23°51	1°40	7°28	S 28
S 29	2 50 51	11°20'42	11♋44	27°30	25°22	14°24	3°39	10°29	5° 0	11° 4	23°52	24°11	23°48	1°47	7°34	S 29
M30	2 54 47	12°21'19	23°47	29° 3	26°38	15° 9	3°53	10°31	4°58	11° 5	23°54	24° 7	23°45	1°53	7°41	M30
T 31	2 58 44	13♏21'58	6♌ 3	0♏37	27♎53	15♑55	4♏ 6	10♒33	4♊56	11♒ 5	23♐56	24♒ 6	23♒41	2♊ 0	7♐47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s15	27n40	4n 8	5s22	1s 5	5n12	1n30	25s18	1s53	9s42	1n 0	19s 4	1s20	21n19	0s 5	17s54	0s23	19s41	3n43	12s41	13s10	24n58	17s50	3n27
M 2	5 39	26 4	3 24	4 35	0 44	4 43	1 31	25 20	1 53	9 47	1 0	19 5	1 20	21 19	0 5	17 54	0 23	19 42	3 42	12 41	13 11	25 0	17 51	3 26
T 3	6 2	23 11	2 30	3 50	0 24	4 14	1 31	25 21	1 53	9 52	1 0	19 5	1 20	21 19	0 5	17 54	0 23	19 42	3 42	12 41	13 12	25 1	17 52	3 26
W 4	6 25	19 9	1 27	3 9	0 4	3 45	1 32	25 22	1 52	9 57	1 0	19 5	1 20	21 19	0 5	17 55	0 23	19 42	3 42	12 41	13 13	25 3	17 53	3 26
T 5	6 48	14 5	0 18	2 32	0n16	3 16	1 32	25 23	1 52	10 1	1 0	19 5	1 20	21 18	0 5	17 55	0 23	19 42	3 42	12 40	13 14	25 4	17 54	3 26
F 6	7 11	8 12	0s54	1 59	0 34	2 46	1 33	25 24	1 51	10 6	1 0	19 5	1 20	21 18	0 5	17 55	0 23	19 43	3 42	12 41	13 15	25 5	17 55	3 26
S 7	7 34	1 44	2 6	1 33	0 51	2 17	1 33	25 24	1 51	10 11	1 0	19 5	1 20	21 18	0 5	17 55	0 23	19 43	3 41	12 41	13 16	25 7	17 56	3 26
S 8	7 57	5s 1	3 11	1 12	1 7	1 47	1 33	25 24	1 51	10 16	1 0	19 5	1 20	21 18	0 5	17 55	0 23	19 43	3 41	12 43	13 17	25 8	17 57	3 26
M 9	8 20	11 39	4 6	0 57	1 20	1 17	1 33	25 24	1 50	10 20	1 0	19 5	1 20	21 17	0 5	17 55	0 23	19 43	3 41	12 45	13 18	25 10	17 58	3 26
T 10	8 42	17 42	4 44	0 49	1 32	0 47	1 33	25 24	1 50	10 25	1 0	19 5	1 20	21 17	0 5	17 55	0 23	19 44	3 41	12 48	13 19	25 11	17 59	3 26
W11	9 5	22 43	5 3	0 46	1 43	0 17	1 33	25 23	1 49	10 30	1 0	19 5	1 20	21 17	0 5	17 55	0 23	19 44	3 41	12 51	13 21	25 13	18 0	3 26
T 12	9 27	26 11	5 1	0 49	1 51	0s12	1 33	25 22	1 49	10 34	0 59	19 5	1 20	21 17	0 4	17 55	0 23	19 44	3 40	12 54	13 22	25 14	18 1	3 26
F 13	9 49	27 48	4 39	0 57	1 58	0 42	1 33	25 21	1 48	10 39	0 59	19 4	1 20	21 16	0 4	17 55	0 23	19 44	3 40	12 57	13 23	25 15	18 2	3 26
S 14	10 11	27 29	3 59	1 10	2 4	1 12	1 33	25 20	1 48	10 44	0 59	19 4	1 20	21 16	0 4	17 55	0 23	19 45	3 40	12 58	13 24	25 17	18 3	3 26
S 15	10 33	25 23	3 6	1 27	2 8	1 42	1 33	25 18	1 47	10 49	0 59	19 4	1 20	21 16	0 4	17 55	0 23	19 45	3 40	12 59	13 25	25 18	18 4	3 26
M16	10 55	21 49	2 3	1 47	2 11	2 12	1 32	25 16	1 47	10 53	0 59	19 4	1 19	21 15	0 4	17 55	0 23	19 45	3 40	12 59	13 26	25 20	18 5	3 26
T 17	11 16	17 13	0 56	2 11	2 12	2 42	1 32	25 14	1 46	10 58	0 59	19 4	1 19	21 15	0 4	17 55	0 23	19 45	3 39	12 59	13 27	25 21	18 6	3 26
W18	11 38	11 55	0n13	2 38	2 13	3 12	1 31	25 11	1 46	11 3	0 59	19 3	1 19	21 15	0 4	17 55	0 23	19 46	3 39	12 59	13 28	25 22	18 7	3 26
T 19	11 59	6 13	1 20	3 7	2 13	3 42	1 31	25 8	1 45	11 7	0 59	19 3	1 19	21 14	0 4	17 55	0 23	19 46	3 39	12 59	13 29	25 24	18 8	3 26
F 20	12 20	0 24	2 22	3 38	2 11	4 12	1 30	25 5	1 45	11 12	0 59	19 3	1 19	21 14	0 4	17 55	0 23	19 46	3 39	13 0	13 30	25 25	18 9	3 26
S 21	12 40	5n22	3 16	4 12	2 9	4 42	1 30	25 2	1 44	11 16	0 59	19 2	1 19	21 14	0 4	17 55	0 23	19 46	3 39	13 2	13 31	25 26	18 10	3 26
S 22	13 1	10 51	4 0	4 46	2 7	5 11	1 29	24 58	1 44	11 21	0 59	19 2	1 19	21 13	0 4	17 55	0 23	19 47	3 39	13 5	13 32	25 28	18 11	3 26
M23	13 21	15 53	4 33	5 22	2 3	5 41	1 28	24 55	1 43	11 26	0 59	19 1	1 19	21 13	0 4	17 55	0 23	19 47	3 38	13 9	13 33	25 29	18 12	3 26
T 24	13 42	20 15	4 53	5 59	1 59	6 10	1 27	24 51	1 43	11 30	0 59	19 1	1 19	21 13	0 4	17 55	0 23	19 47	3 38	13 14	13 34	25 30	18 14	3 26
W25	14 1	23 46	5 0	6 36	1 55	6 40	1 26	24 46	1 42	11 35	0 59	19 0	1 19	21 12	0 4	17 55	0 23	19 47	3 38	13 18	13 35	25 32	18 15	3 26
T 26	14 21	26 16	4 55	7 15	1 50	7 9	1 25	24 42	1 41	11 39	0 59	19 0	1 19	21 12	0 4	17 55	0 23	19 48	3 38	13 23	13 36	25 33	18 16	3 26
F 27	14 41	27 36	4 36	7 53	1 45	7 38	1 24	24 37	1 41	11 44	0 59	18 59	1 19	21 11	0 4	17 55	0 23	19 48	3 38	13 27	13 38	25 34	18 17	3 26
S 28	15 0	27 40	4 5	8 32	1 40	8 7	1 23	24 32	1 40	11 48	0 59	18 59	1 19	21 11	0 4	17 55	0 23	19 48	3 37	13 30	13 39	25 36	18 18	3 26
S 29	15 19	26 26	3 24	9 11	1 34	8 36	1 22	24 26	1 40	11 53	0 59	18 58	1 19	21 11	0 4	17 55	0 23	19 48	3 37	13 32	13 40	25 37	18 19	3 26
M30	15 38	23 58	2 33	9 50	1 28	9 4	1 21	24 20	1 39	11 57	0 59	18 57	1 19	21 10	0 4	17 55	0 23	19 49	3 37	13 33	13 41	25 38	18 20	3 26
T 31	15s56	20n22	1n34	10s29	1n22	9s33	1n19	24s14	1s38	12s 2	0n59	18s57	1s19	21n10	0s 4	17s55	0s23	19s49	3n37	13s34	13s42	25n39	18s21	3n26

Julian Day Number = 2094251.5, Delta T = 22m41s
Ecliptic obliquity = 23°34'06, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'18, Lahiri = 10°13'19 Julian Calendar 1 Oct. 1021 == Greg. Calendar 7 Oct. 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

NOVEMBER 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 2 40	14♏22'38	18♌37	2♏11	29♎ 8	16♑40	4♏19	10♒35	4°R53	11♒ 6	23♐57	24°R 5	23♒38	2♊ 7	7♐53	W 1
T 2	3 6 37	15°23'20	1♍33	3°45	0♏24	17°25	4°32	10°38	4♊51	11° 6	23°59	24♒ 5	23°35	2°14	8° 0	T 2
F 3	3 10 33	16°24'04	14°55	5°20	1°39	18°11	4°45	10°40	4°49	11° 7	24° 1	24° 4	23°32	2°20	8° 6	F 3
S 4	3 14 30	17°24'50	28°48	6°54	2°55	18°56	4°58	10°43	4°46	11° 7	24° 3	24° 1	23°29	2°27	8°13	S 4
S 5	3 18 26	18°25'37	13♎10	8°29	4°10	19°42	5°11	10°46	4°44	11° 8	24° 4	23°54	23°26	2°34	8°19	S 5
M 6	3 22 23	19°26'25	28° 0	10° 3	5°25	20°28	5°24	10°49	4°42	11° 9	24° 6	23°45	23°22	2°41	8°26	M 6
T 7	3 26 20	20°27'16	13♏10	11°38	6°41	21°13	5°37	10°51	4°39	11° 9	24° 8	23°34	23°19	2°47	8°33	T 7
W 8	3 30 16	21°28'07	28°30	13°13	7°56	21°59	5°51	10°54	4°37	11°10	24°10	23°22	23°16	2°54	8°39	W 8
T 9	3 34 13	22°29'00	13♐48	14°47	9°12	22°45	6° 4	10°57	4°34	11°11	24°12	23°11	23°13	3° 1	8°46	T 9
F 10	3 38 9	23°29'54	28°54	16°22	10°27	23°30	6°16	11° 1	4°32	11°12	24°14	23° 2	23°10	3° 7	8°53	F 10
S 11	3 42 6	24°30'49	13♑37	17°56	11°43	24°16	6°29	11° 4	4°29	11°12	24°15	22°55	23° 6	3°14	8°59	S 11
S 12	3 46 2	25°31'45	27°54	19°30	12°58	25° 2	6°42	11° 7	4°27	11°13	24°17	22°51	23° 3	3°21	9° 6	S 12
M13	3 49 59	26°32'41	11♒42	21° 5	14°14	25°48	6°55	11°11	4°24	11°14	24°19	22°50	23° 0	3°28	9°13	M13
T 14	3 53 55	27°33'38	25° 4	22°39	15°29	26°33	7° 8	11°14	4°22	11°15	24°21	22°49	22°57	3°34	9°19	T 14
W15	3 57 52	28°34'36	8♓ 1	24°13	16°45	27°19	7°21	11°18	4°19	11°16	24°23	22°49	22°54	3°41	9°26	W15
T 16	4 1 49	29°35'35	20°39	25°47	18° 0	28° 5	7°34	11°22	4°16	11°17	24°25	22°48	22°51	3°48	9°33	T 16
F 17	4 5 45	0♐36'34	3♈ 2	27°21	19°15	28°51	7°46	11°25	4°14	11°18	24°27	22°44	22°47	3°54	9°40	F 17
S 18	4 9 42	1°37'34	15°13	28°56	20°31	29°37	7°59	11°29	4°11	11°19	24°29	22°38	22°44	4° 1	9°46	S 18
S 19	4 13 38	2°38'35	27°16	0♐30	21°46	0♒23	8°12	11°33	4° 9	11°20	24°31	22°28	22°41	4° 8	9°53	S 19
M20	4 17 35	3°39'36	9♉14	2° 4	23° 2	1° 9	8°24	11°37	4° 6	11°21	24°33	22°16	22°38	4°15	10° 0	M20
T 21	4 21 31	4°40'39	21° 8	3°38	24°17	1°55	8°37	11°42	4° 4	11°22	24°35	22° 2	22°35	4°21	10° 7	T 21
W22	4 25 28	5°41'42	3♊ 1	5°13	25°33	2°41	8°50	11°46	4° 1	11°23	24°37	21°47	22°32	4°28	10°13	W22
T 23	4 29 24	6°42'45	14°54	6°47	26°48	3°27	9° 2	11°50	3°59	11°25	24°39	21°33	22°28	4°35	10°20	T 23
F 24	4 33 21	7°43'50	26°47	8°22	28° 4	4°13	9°15	11°54	3°56	11°26	24°41	21°20	22°25	4°42	10°27	F 24
S 25	4 37 18	8°44'55	8♋43	9°56	29°20	4°59	9°27	11°59	3°54	11°27	24°43	21°10	22°22	4°48	10°34	S 25
S 26	4 41 14	9°46'01	20°43	11°31	0♐35	5°44	9°39	12° 3	3°51	11°28	24°45	21° 3	22°19	4°55	10°41	S 26
M27	4 45 11	10°47'08	2♌50	13° 6	1°51	6°30	9°52	12° 8	3°48	11°30	24°48	20°59	22°16	5° 2	10°47	M27
T 28	4 49 7	11°48'16	15° 8	14°41	3° 6	7°16	10° 4	12°13	3°46	11°31	24°50	20°58	22°12	5° 8	10°54	T 28
W29	4 53 4	12°49'24	27°40	16°16	4°22	8° 3	10°16	12°18	3°43	11°32	24°52	20°D58	22° 9	5°15	11° 1	W29
T 30	4 57 0	13♐50'34	10♍32	17♐51	5♐37	8♒49	10♏28	12♒22	3♊41	11♒34	24♐54	20°R58	22♒ 6	5♊22	11♐ 8	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s14	15n47	0n29	11s 7	1n15	10s 1	1n18	24s 8	1s38	12s 6	0n59	18s56	1s18	21n 9	0s 4	17s54	0s23	19s49	3n37	13s34	13s43	25n41	18s22	3n26
T 2	16 32	10 22	0s39	11 45	1 9	10 29	1 17	24 2	1 37	12 11	0 59	18 55	1 18	21 9	0 4	17 54	0 23	19 49	3 37	13 34	13 44	25 42	18 23	3 26
F 3	16 50	4 19	1 48	12 23	1 2	10 56	1 15	23 55	1 36	12 15	0 59	18 55	1 18	21 8	0 4	17 54	0 23	19 50	3 36	13 34	13 45	25 43	18 24	3 26
S 4	17 7	2s 9	2 52	13 1	0 56	11 24	1 14	23 48	1 36	12 20	0 59	18 54	1 18	21 8	0 4	17 54	0 23	19 50	3 36	13 35	13 46	25 45	18 25	3 26
S 5	17 24	8 43	3 48	13 38	0 49	11 51	1 12	23 41	1 35	12 24	0 59	18 53	1 18	21 8	0 4	17 54	0 23	19 50	3 36	13 37	13 47	25 46	18 26	3 26
M 6	17 41	15 1	4 30	14 15	0 42	12 18	1 10	23 33	1 35	12 29	0 59	18 52	1 18	21 7	0 4	17 54	0 23	19 50	3 36	13 40	13 48	25 47	18 26	3 26
T 7	17 57	20 33	4 55	14 51	0 35	12 44	1 9	23 26	1 34	12 33	0 59	18 51	1 18	21 7	0 4	17 53	0 23	19 51	3 36	13 44	13 49	25 48	18 27	3 26
W 8	18 14	24 47	4 59	15 26	0 28	13 10	1 7	23 18	1 33	12 37	0 59	18 50	1 18	21 6	0 4	17 53	0 23	19 51	3 36	13 48	13 50	25 49	18 28	3 26
T 9	18 29	27 14	4 41	16 1	0 21	13 36	1 5	23 10	1 33	12 42	0 59	18 49	1 18	21 6	0 4	17 53	0 23	19 51	3 35	13 52	13 51	25 51	18 29	3 26
F 10	18 45	27 38	4 4	16 35	0 15	14 2	1 3	23 1	1 32	12 46	0 59	18 49	1 18	21 5	0 4	17 53	0 23	19 51	3 35	13 55	13 52	25 52	18 30	3 26
S 11	19 0	26 2	3 11	17 9	0 8	14 27	1 2	22 52	1 31	12 50	0 59	18 48	1 18	21 5	0 4	17 53	0 23	19 52	3 35	13 57	13 53	25 53	18 31	3 26
S 12	19 15	22 46	2 7	17 41	0 1	14 52	1 0	22 43	1 30	12 54	0 58	18 47	1 18	21 4	0 4	17 52	0 23	19 52	3 35	13 58	13 54	25 54	18 32	3 26
M13	19 29	18 18	0 58	18 13	0s 6	15 16	0 58	22 34	1 30	12 59	0 58	18 46	1 18	21 4	0 4	17 52	0 23	19 52	3 35	13 59	13 55	25 55	18 33	3 26
T 14	19 43	13 3	0n12	18 44	0 13	15 41	0 56	22 25	1 29	13 3	0 59	18 44	1 18	21 4	0 4	17 52	0 23	19 52	3 35	13 59	13 56	25 57	18 34	3 26
W15	19 57	7 23	1 19	19 14	0 19	16 4	0 54	22 15	1 28	13 7	0 59	18 43	1 18	21 3	0 4	17 52	0 23	19 53	3 35	13 59	13 57	25 58	18 35	3 26
T 16	20 10	1 34	2 21	19 43	0 26	16 27	0 52	22 5	1 28	13 11	0 59	18 42	1 18	21 3	0 4	17 51	0 23	19 53	3 34	13 59	13 59	25 59	18 36	3 27
F 17	20 23	4n11	3 15	20 12	0 32	16 50	0 50	21 55	1 27	13 15	0 59	18 41	1 18	21 2	0 4	17 51	0 23	19 53	3 34	14 1	14 0	26 0	18 37	3 27
S 18	20 36	9 42	3 59	20 39	0 38	17 13	0 48	21 45	1 26	13 19	0 59	18 40	1 17	21 2	0 4	17 51	0 23	19 53	3 34	14 3	14 1	26 1	18 38	3 27
S 19	20 48	14 46	4 32	21 5	0 45	17 34	0 45	21 34	1 26	13 23	0 59	18 39	1 17	21 1	0 4	17 50	0 23	19 53	3 34	14 6	14 2	26 2	18 38	3 27
M20	21 0	19 15	4 52	21 31	0 51	17 56	0 43	21 23	1 25	13 28	0 59	18 38	1 17	21 1	0 4	17 50	0 23	19 54	3 34	14 10	14 3	26 3	18 39	3 27
T 21	21 11	22 57	5 0	21 55	0 57	18 17	0 41	21 12	1 24	13 32	0 59	18 37	1 17	21 0	0 4	17 50	0 23	19 54	3 34	14 15	14 4	26 4	18 40	3 27
W22	21 22	25 41	4 54	22 18	1 2	18 37	0 39	21 1	1 23	13 36	0 59	18 35	1 17	21 0	0 4	17 49	0 23	19 54	3 34	14 19	14 5	26 6	18 41	3 27
T 23	21 33	27 16	4 36	22 41	1 8	18 57	0 37	20 50	1 23	13 40	0 59	18 34	1 17	20 59	0 4	17 49	0 23	19 54	3 33	14 24	14 6	26 7	18 42	3 27
F 24	21 43	27 37	4 5	23 2	1 13	19 17	0 34	20 38	1 22	13 44	0 59	18 33	1 17	20 59	0 4	17 49	0 23	19 54	3 33	14 28	14 7	26 8	18 43	3 28
S 25	21 53	26 40	3 24	23 21	1 19	19 36	0 32	20 26	1 21	13 47	0 59	18 31	1 17	20 58	0 4	17 48	0 23	19 55	3 33	14 31	14 8	26 9	18 44	3 28
S 26	22 2	24 29	2 33	23 40	1 24	19 54	0 30	20 14	1 20	13 51	0 59	18 30	1 17	20 58	0 4	17 48	0 23	19 55	3 33	14 33	14 9	26 10	18 44	3 28
M27	22 11	21 10	1 35	23 58	1 29	20 12	0 27	20 2	1 20	13 55	0 59	18 29	1 17	20 57	0 4	17 48	0 23	19 55	3 33	14 35	14 10	26 11	18 45	3 28
T 28	22 19	16 53	0 31	24 14	1 33	20 29	0 25	19 49	1 19	13 59	0 59	18 27	1 17	20 57	0 4	17 47	0 23	19 55	3 33	14 35	14 11	26 12	18 46	3 28
W29	22 27	11 47	0s36	24 29	1 38	20 45	0 23	19 37	1 18	14 3	0 59	18 26	1 17	20 57	0 4	17 47	0 23	19 56	3 33	14 35	14 12	26 13	18 47	3 28
T 30	22s35	6n 5	1s42	24s42	1s42	21s 1	0n20	19s24	1s17	14s 7	0n59	18s25	1s17	20n56	0s 4	17s47	0s23	19s56	3n33	14s35	14s13	26n14	18s47	3n28

Julian Day Number = 2094282.5, Delta T = 22m41s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'22, Lahiri = 10°13'23 Julian Calendar 1 Nov. 1021 == Greg. Calendar 7 Nov. 1021

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ASTRODIENST EPHEMERIS for the year 1021
geocentric

DECEMBER 1021 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 0 57	14♐51'43	23♍46	19♐27	6♐53	9♒35	10♏40	12♒27	3°R38	11♒35	24♐56	20°R58	22♒ 3	5♊29	11♐15	F 1
S 2	5 4 54	15°52'54	7♎28	21° 3	8° 8	10°21	10°52	12°32	3♊36	11°37	24°58	20♒56	22° 0	5°35	11°21	S 2
S 3	5 8 50	16°54'05	21°37	22°39	9°24	11° 7	11° 4	12°37	3°33	11°38	25° 0	20°51	21°57	5°42	11°28	S 3
M 4	5 12 47	17°55'17	6♏14	24°15	10°39	11°53	11°16	12°43	3°31	11°40	25° 2	20°44	21°53	5°49	11°35	M 4
T 5	5 16 43	18°56'30	21°14	25°51	11°55	12°39	11°28	12°48	3°29	11°41	25° 4	20°35	21°50	5°55	11°42	T 5
W 6	5 20 40	19°57'43	6♐29	27°28	13°10	13°25	11°40	12°53	3°26	11°43	25° 7	20°26	21°47	6° 2	11°48	W 6
T 7	5 24 36	20°58'56	21°48	29° 4	14°26	14°11	11°52	12°59	3°24	11°44	25° 9	20°16	21°44	6° 9	11°55	T 7
F 8	5 28 33	22° 0'10	6♑59	0♑41	15°41	14°57	12° 3	13° 4	3°21	11°46	25°11	20° 8	21°41	6°16	12° 2	F 8
S 9	5 32 29	23° 1'24	21°53	2°18	16°57	15°43	12°15	13° 9	3°19	11°48	25°13	20° 3	21°38	6°22	12° 8	S 9
S 10	5 36 26	24° 2'37	6♒22	3°56	18°13	16°29	12°26	13°15	3°17	11°49	25°15	20° 0	21°34	6°29	12°15	S 10
M11	5 40 23	25° 3'51	20°22	5°33	19°28	17°15	12°38	13°21	3°14	11°51	25°17	19°D59	21°31	6°36	12°22	M11
T 12	5 44 19	26° 5'04	3♓54	7°10	20°44	18° 1	12°49	13°26	3°12	11°53	25°19	19°59	21°28	6°43	12°28	T 12
W13	5 48 16	27° 6'17	16°58	8°47	21°59	18°47	13° 0	13°32	3°10	11°54	25°21	20° 0	21°25	6°49	12°35	W13
T 14	5 52 12	28° 7'29	29°39	10°24	23°15	19°33	13°12	13°38	3° 7	11°56	25°24	20°R 1	21°22	6°56	12°42	T 14
F 15	5 56 9	29° 8'41	12♈ 2	12° 1	24°30	20°19	13°23	13°44	3° 5	11°58	25°26	20° 0	21°18	7° 3	12°48	F 15
S 16	6 0 5	0♑ 9'53	24°11	13°37	25°46	21° 5	13°34	13°50	3° 3	12° 0	25°28	19°57	21°15	7° 9	12°55	S 16
S 17	6 4 2	1°11'04	6♉10	15°13	27° 1	21°51	13°45	13°56	3° 1	12° 1	25°30	19°51	21°12	7°16	13° 1	S 17
M18	6 7 58	2°12'15	18° 4	16°49	28°17	22°37	13°56	14° 2	2°59	12° 3	25°32	19°44	21° 9	7°23	13° 8	M18
T 19	6 11 55	3°13'26	29°55	18°23	29°32	23°23	14° 6	14° 8	2°56	12° 5	25°34	19°35	21° 6	7°30	13°14	T 19
W20	6 15 52	4°14'36	11♊47	19°57	0♑47	24° 9	14°17	14°14	2°54	12° 7	25°36	19°26	21° 3	7°36	13°21	W20
T 21	6 19 48	5°15'46	23°42	21°29	2° 3	24°55	14°28	14°20	2°52	12° 9	25°38	19°17	20°59	7°43	13°27	T 21
F 22	6 23 45	6°16'55	5♋40	23° 0	3°18	25°41	14°38	14°26	2°50	12°11	25°41	19° 9	20°56	7°50	13°34	F 22
S 23	6 27 41	7°18'04	17°44	24°28	4°34	26°26	14°49	14°33	2°48	12°13	25°43	19° 3	20°53	7°56	13°40	S 23
S 24	6 31 38	8°19'12	29°55	25°54	5°49	27°12	14°59	14°39	2°46	12°15	25°45	18°59	20°50	8° 3	13°46	S 24
M25	6 35 34	9°20'21	12♌14	27°17	7° 5	27°58	15° 9	14°45	2°44	12°17	25°47	18°57	20°47	8°10	13°53	M25
T 26	6 39 31	10°21'28	24°43	28°37	8°20	28°44	15°19	14°52	2°43	12°19	25°49	18°D57	20°44	8°17	13°59	T 26
W27	6 43 28	11°22'36	7♍24	29°53	9°36	29°30	15°29	14°58	2°41	12°21	25°51	18°58	20°40	8°23	14° 5	W27
T 28	6 47 24	12°23'43	20°21	1♒ 4	10°51	0♓15	15°39	15° 5	2°39	12°23	25°53	18°59	20°37	8°30	14°12	T 28
F 29	6 51 21	13°24'49	3♎36	2° 9	12° 6	1° 1	15°49	15°11	2°37	12°25	25°55	19° 1	20°34	8°37	14°18	F 29
S 30	6 55 17	14°25'56	17°12	3° 8	13°22	1°47	15°59	15°18	2°35	12°27	25°57	19°R 1	20°31	8°43	14°24	S 30
S 31	6 59 14	15♑27'02	1♏ 9	4♒ 0	14♑37	2♓33	16♏ 9	15♒25	2♊34	12♒29	25♐59	19♒ 0	20♒28	8♊50	14♐30	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s42	0s 3	2s45	24s55	1s46	21s17	0n18	19s11	1s17	14s10	0n59	18s23	1s17	20n56	0s 4	17s46	0s23	19s56	3n32	14s35	14s14	26n15	18s48	3n29
S 2	22 49	6 21	3 41	25 5	1 50	21 32	0 16	18 57	1 16	14 14	0 59	18 22	1 17	20 55	0 4	17 46	0 23	19 56	3 32	14 36	14 15	26 16	18 49	3 29
S 3	22 55	12 34	4 25	25 15	1 53	21 46	0 13	18 44	1 15	14 18	0 59	18 20	1 17	20 55	0 4	17 45	0 23	19 56	3 32	14 37	14 16	26 17	18 50	3 29
M 4	23 1	18 17	4 54	25 23	1 57	21 59	0 11	18 30	1 14	14 22	0 59	18 19	1 17	20 54	0 4	17 45	0 23	19 56	3 32	14 39	14 17	26 18	18 50	3 29
T 5	23 6	23 2	5 4	25 29	1 59	22 12	0 8	18 17	1 13	14 25	0 59	18 17	1 17	20 54	0 4	17 45	0 23	19 57	3 32	14 42	14 18	26 19	18 51	3 29
W 6	23 11	26 18	4 52	25 34	2 2	22 24	0 6	18 3	1 13	14 29	0 59	18 16	1 17	20 53	0 4	17 44	0 23	19 57	3 32	14 45	14 19	26 20	18 52	3 29
T 7	23 16	27 38	4 19	25 38	2 4	22 36	0 4	17 49	1 12	14 32	0 59	18 14	1 17	20 53	0 4	17 44	0 23	19 57	3 32	14 48	14 20	26 21	18 53	3 30
F 8	23 20	26 51	3 29	25 40	2 6	22 47	0 1	17 34	1 11	14 36	0 59	18 12	1 17	20 52	0 4	17 43	0 23	19 57	3 32	14 51	14 21	26 22	18 53	3 30
S 9	23 23	24 9	2 24	25 40	2 7	22 57	0s 1	17 20	1 10	14 39	0 59	18 11	1 17	20 52	0 4	17 43	0 23	19 57	3 32	14 53	14 22	26 23	18 54	3 30
S 10	23 26	19 57	1 12	25 39	2 8	23 6	0 4	17 5	1 10	14 43	0 59	18 9	1 17	20 52	0 4	17 42	0 23	19 58	3 31	14 54	14 23	26 24	18 55	3 30
M11	23 29	14 44	0n 2	25 36	2 9	23 15	0 6	16 50	1 9	14 46	0 59	18 8	1 17	20 51	0 4	17 42	0 23	19 58	3 31	14 54	14 24	26 25	18 55	3 30
T 12	23 31	8 59	1 14	25 31	2 9	23 23	0 8	16 35	1 8	14 50	0 59	18 6	1 17	20 51	0 4	17 41	0 23	19 58	3 31	14 54	14 25	26 26	18 56	3 31
W13	23 32	3 2	2 20	25 25	2 9	23 30	0 11	16 20	1 7	14 53	0 59	18 4	1 16	20 50	0 4	17 41	0 23	19 58	3 31	14 53	14 26	26 27	18 57	3 31
T 14	23 33	2n52	3 16	25 17	2 8	23 37	0 13	16 5	1 6	14 56	0 59	18 3	1 16	20 50	0 4	17 40	0 23	19 58	3 31	14 53	14 27	26 28	18 57	3 31
F 15	23 34	8 30	4 3	25 7	2 7	23 43	0 16	15 50	1 5	15 0	0 59	18 1	1 16	20 49	0 4	17 40	0 23	19 58	3 31	14 54	14 28	26 29	18 58	3 31
S 16	23 34	13 42	4 37	24 56	2 5	23 48	0 18	15 34	1 5	15 3	0 59	17 59	1 16	20 49	0 4	17 39	0 23	19 59	3 31	14 55	14 30	26 30	18 58	3 32
S 17	23 34	18 20	4 58	24 43	2 2	23 52	0 20	15 18	1 4	15 6	1 0	17 57	1 16	20 49	0 4	17 39	0 23	19 59	3 31	14 56	14 31	26 31	18 59	3 32
M18	23 33	22 12	5 7	24 28	1 59	23 56	0 23	15 3	1 3	15 9	1 0	17 56	1 16	20 48	0 4	17 38	0 23	19 59	3 31	14 59	14 32	26 32	18 59	3 32
T 19	23 32	25 9	5 2	24 12	1 55	23 59	0 25	14 47	1 2	15 12	1 0	17 54	1 16	20 48	0 4	17 38	0 23	19 59	3 31	15 1	14 33	26 33	19 0	3 32
W20	23 30	27 1	4 44	23 54	1 50	24 1	0 27	14 31	1 1	15 16	1 0	17 52	1 16	20 47	0 4	17 37	0 23	19 59	3 31	15 4	14 34	26 34	19 1	3 33
T 21	23 28	27 39	4 14	23 34	1 45	24 2	0 29	14 14	1 1	15 19	1 0	17 50	1 16	20 47	0 4	17 37	0 23	19 59	3 31	15 7	14 35	26 34	19 1	3 33
F 22	23 25	26 59	3 32	23 13	1 39	24 3	0 32	13 58	1 0	15 22	1 0	17 48	1 16	20 47	0 4	17 36	0 23	19 59	3 30	15 10	14 36	26 35	19 2	3 33
S 23	23 22	25 3	2 41	22 51	1 32	24 3	0 34	13 42	0 59	15 25	1 0	17 46	1 16	20 46	0 4	17 36	0 23	20 0	3 30	15 12	14 37	26 36	19 2	3 33
S 24	23 18	21 56	1 41	22 27	1 24	24 2	0 36	13 25	0 58	15 28	1 0	17 45	1 16	20 46	0 4	17 35	0 23	20 0	3 30	15 13	14 38	26 37	19 3	3 34
M25	23 14	17 48	0 36	22 3	1 15	24 1	0 38	13 8	0 57	15 31	1 0	17 43	1 16	20 45	0 4	17 35	0 23	20 0	3 30	15 13	14 39	26 38	19 3	3 34
T 26	23 10	12 52	0s31	21 37	1 6	23 58	0 40	12 52	0 57	15 34	1 0	17 41	1 16	20 45	0 4	17 34	0 23	20 0	3 30	15 14	14 40	26 39	19 3	3 34
W27	23 5	7 18	1 39	21 11	0 55	23 55	0 42	12 35	0 56	15 36	1 0	17 39	1 16	20 45	0 4	17 33	0 23	20 0	3 30	15 13	14 41	26 40	19 4	3 34
T 28	22 59	1 21	2 43	20 44	0 43	23 52	0 44	12 18	0 55	15 39	1 0	17 37	1 16	20 44	0 4	17 33	0 23	20 0	3 30	15 13	14 42	26 40	19 4	3 35
F 29	22 53	4s48	3 39	20 17	0 31	23 47	0 46	12 1	0 54	15 42	1 0	17 35	1 16	20 44	0 4	17 32	0 23	20 0	3 30	15 12	14 43	26 41	19 5	3 35
S 30	22 47	10 52	4 25	19 50	0 17	23 42	0 48	11 44	0 53	15 45	1 0	17 33	1 16	20 44	0 4	17 32	0 23	20 1	3 30	15 12	14 44	26 42	19 5	3 35
S 31	22s40	16s34	4s57	19s24	0s 2	23s36	0s50	11s26	0s52	15s47	1n 1	17s31	1s16	20n43	0s 4	17s31	0s23	20s 1	3n30	15s12	14s45	26n43	19s 6	3n36

Julian Day Number = 2094312.5, Delta T = 22m40s
Ecliptic obliquity = 23°34'04, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'27, Lahiri = 10°13'27 Julian Calendar 1 Dec. 1021 == Greg. Calendar 7 Dec. 1021

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1022
geocentric

JANUARY 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 3 10	16♉28'07	15♏28	4♒44	15♉53	3♓18	16♏18	15♒31	2°R32	12♒31	26♐ 1	18°R58	20♒24	8♊57	14♐36	M 1
T 2	7 7 7	17°29'12	0♐ 7	5°19	17° 8	4° 4	16°27	15°38	2♊30	12°33	26° 3	18♒54	20°21	9° 4	14°42	T 2
W 3	7 11 3	18°30'17	14°59	5°44	18°23	4°50	16°37	15°45	2°29	12°35	26° 5	18°49	20°18	9°10	14°48	W 3
T 4	7 15 0	19°31'21	29°58	5°59	19°39	5°35	16°46	15°51	2°27	12°37	26° 7	18°45	20°15	9°17	14°54	T 4
F 5	7 18 57	20°32'25	14♉56	6°R 3	20°54	6°21	16°55	15°58	2°26	12°39	26° 9	18°41	20°12	9°24	15° 0	F 5
S 6	7 22 53	21°33'27	29°42	5°56	22° 9	7° 6	17° 4	16° 5	2°24	12°42	26°11	18°38	20° 9	9°30	15° 6	S 6
S 7	7 26 50	22°34'28	14♒11	5°37	23°25	7°52	17°13	16°12	2°23	12°44	26°13	18°D37	20° 5	9°37	15°12	S 7
M 8	7 30 46	23°35'28	28°15	5° 7	24°40	8°38	17°22	16°19	2°22	12°46	26°15	18°37	20° 2	9°44	15°17	M 8
T 9	7 34 43	24°36'27	11♓54	4°27	25°56	9°23	17°30	16°26	2°20	12°48	26°17	18°39	19°59	9°51	15°23	T 9
W10	7 38 39	25°37'25	25° 6	3°36	27°11	10° 8	17°39	16°33	2°19	12°50	26°19	18°40	19°56	9°57	15°29	W10
T 11	7 42 36	26°38'21	7♈55	2°37	28°26	10°54	17°47	16°40	2°18	12°53	26°21	18°42	19°53	10° 4	15°34	T 11
F 12	7 46 32	27°39'16	20°23	1°32	29°41	11°39	17°55	16°47	2°17	12°55	26°23	18°43	19°50	10°11	15°40	F 12
S 13	7 50 29	28°40'10	2♉35	0°22	0♒57	12°25	18° 3	16°54	2°16	12°57	26°25	18°R43	19°46	10°17	15°45	S 13
S 14	7 54 26	29°41'02	14°35	29♉ 9	2°12	13°10	18°11	17° 1	2°15	12°59	26°27	18°42	19°43	10°24	15°51	S 14
M15	7 58 22	0♒41'52	26°29	27°56	3°27	13°55	18°19	17° 8	2°14	13° 1	26°28	18°40	19°40	10°31	15°56	M15
T 16	8 2 19	1°42'42	8♊20	26°44	4°42	14°41	18°27	17°15	2°13	13° 4	26°30	18°38	19°37	10°38	16° 2	T 16
W17	8 6 15	2°43'29	20°13	25°35	5°58	15°26	18°34	17°23	2°12	13° 6	26°32	18°35	19°34	10°44	16° 7	W17
T 18	8 10 12	3°44'16	2♋10	24°32	7°13	16°11	18°42	17°30	2°11	13° 8	26°34	18°33	19°30	10°51	16°12	T 18
F 19	8 14 8	4°45'01	14°14	23°34	8°28	16°56	18°49	17°37	2°10	13°10	26°36	18°31	19°27	10°58	16°17	F 19
S 20	8 18 5	5°45'44	26°28	22°44	9°43	17°41	18°56	17°44	2° 9	13°13	26°37	18°29	19°24	11° 5	16°22	S 20
S 21	8 22 1	6°46'26	8♌53	22° 1	10°58	18°26	19° 3	17°51	2° 9	13°15	26°39	18°28	19°21	11°11	16°27	S 21
M22	8 25 58	7°47'06	21°29	21°26	12°14	19°12	19°10	17°59	2° 8	13°17	26°41	18°D28	19°18	11°18	16°32	M22
T 23	8 29 55	8°47'45	4♍18	20°59	13°29	19°57	19°17	18° 6	2° 7	13°19	26°43	18°29	19°15	11°25	16°37	T 23
W24	8 33 51	9°48'23	17°20	20°40	14°44	20°42	19°23	18°13	2° 7	13°22	26°44	18°29	19°11	11°31	16°42	W24
T 25	8 37 48	10°48'59	0♎35	20°29	15°59	21°26	19°30	18°20	2° 6	13°24	26°46	18°30	19° 8	11°38	16°47	T 25
F 26	8 41 44	11°49'34	14° 4	20°D25	17°14	22°11	19°36	18°28	2° 6	13°26	26°47	18°31	19° 5	11°45	16°52	F 26
S 27	8 45 41	12°50'08	27°46	20°29	18°29	22°56	19°42	18°35	2° 5	13°29	26°49	18°31	19° 2	11°51	16°56	S 27
S 28	8 49 37	13°50'40	11♏42	20°39	19°44	23°41	19°48	18°42	2° 5	13°31	26°51	18°R31	18°59	11°58	17° 1	S 28
M29	8 53 34	14°51'12	25°50	20°55	20°59	24°26	19°54	18°50	2° 5	13°33	26°52	18°31	18°56	12° 5	17° 6	M29
T 30	8 57 30	15°51'42	10♐ 9	21°17	22°14	25°11	19°59	18°57	2° 5	13°35	26°54	18°31	18°52	12°12	17°10	T 30
W31	9 1 27	16♒52'11	24♐36	21♉45	23♒29	25♓55	20♏ 5	19♒ 4	2♊ 4	13♒38	26♐55	18♒31	18♒49	12♊18	17♐15	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s33	21s31	5s12	18s58	0n13	23s29	0s52	11s 9	0s52	15s50	1n 1	17s29	1s16	20n43	0s 4	17s31	0s23	20s 1	3n30	15s13	14s46	26n44	19s 6	3n36
T 2	22 25	25 16	5 6	18 34	0 30	23 21	0 54	10 52	0 51	15 53	1 1	17 27	1 16	20 43	0 4	17 30	0 23	20 1	3 30	15 14	14 47	26 45	19 6	3 36
W 3	22 17	27 22	4 40	18 11	0 47	23 13	0 56	10 34	0 50	15 55	1 1	17 25	1 16	20 43	0 4	17 29	0 23	20 1	3 30	15 16	14 48	26 45	19 7	3 36
T 4	22 8	27 29	3 55	17 50	1 4	23 4	0 58	10 16	0 49	15 58	1 1	17 23	1 16	20 42	0 4	17 29	0 23	20 1	3 30	15 17	14 49	26 46	19 7	3 37
F 5	21 59	25 37	2 54	17 32	1 23	22 55	0 59	9 59	0 48	16 0	1 1	17 21	1 16	20 42	0 4	17 28	0 23	20 1	3 30	15 18	14 50	26 47	19 7	3 37
S 6	21 50	21 59	1 42	17 16	1 41	22 44	1 1	9 41	0 48	16 3	1 1	17 19	1 16	20 42	0 4	17 28	0 23	20 1	3 29	15 19	14 51	26 48	19 8	3 37
S 7	21 40	17 3	0 24	17 3	1 59	22 33	1 3	9 23	0 47	16 5	1 1	17 17	1 16	20 41	0 4	17 27	0 23	20 1	3 29	15 20	14 52	26 48	19 8	3 38
M 8	21 30	11 19	0n53	16 53	2 16	22 22	1 4	9 5	0 46	16 8	1 1	17 15	1 16	20 41	0 4	17 26	0 23	20 2	3 29	15 19	14 53	26 49	19 8	3 38
T 9	21 19	5 13	2 5	16 46	2 33	22 9	1 6	8 47	0 45	16 10	1 1	17 13	1 16	20 41	0 4	17 26	0 23	20 2	3 29	15 19	14 54	26 50	19 8	3 38
W10	21 8	0n55	3 7	16 43	2 49	21 56	1 8	8 29	0 44	16 12	1 1	17 10	1 16	20 41	0 4	17 25	0 23	20 2	3 29	15 19	14 55	26 51	19 9	3 39
T 11	20 56	6 49	3 59	16 43	3 3	21 43	1 9	8 11	0 43	16 14	1 2	17 8	1 16	20 40	0 4	17 25	0 23	20 2	3 29	15 18	14 56	26 51	19 9	3 39
F 12	20 45	12 17	4 38	16 45	3 15	21 28	1 10	7 53	0 43	16 17	1 2	17 6	1 16	20 40	0 4	17 24	0 23	20 2	3 29	15 18	14 57	26 52	19 9	3 40
S 13	20 32	17 10	5 3	16 50	3 25	21 13	1 12	7 35	0 42	16 19	1 2	17 4	1 16	20 40	0 4	17 23	0 23	20 2	3 29	15 18	14 58	26 53	19 9	3 40
S 14	20 20	21 18	5 14	16 58	3 33	20 58	1 13	7 17	0 41	16 21	1 2	17 2	1 16	20 40	0 4	17 23	0 23	20 2	3 29	15 18	14 59	26 53	19 10	3 40
M15	20 7	24 32	5 12	17 7	3 38	20 41	1 14	6 59	0 40	16 23	1 2	17 0	1 17	20 40	0 4	17 22	0 23	20 2	3 29	15 19	15 0	26 54	19 10	3 41
T 16	19 53	26 42	4 57	17 18	3 41	20 25	1 16	6 40	0 39	16 25	1 2	16 58	1 17	20 39	0 4	17 21	0 23	20 2	3 29	15 19	15 1	26 55	19 10	3 41
W17	19 39	27 40	4 29	17 31	3 41	20 7	1 17	6 22	0 39	16 27	1 2	16 55	1 17	20 39	0 3	17 21	0 23	20 2	3 29	15 20	15 2	26 55	19 10	3 41
T 18	19 25	27 22	3 49	17 44	3 40	19 49	1 18	6 4	0 38	16 29	1 2	16 53	1 17	20 39	0 3	17 20	0 23	20 2	3 29	15 21	15 3	26 56	19 10	3 42
F 19	19 11	25 45	2 58	17 57	3 36	19 31	1 19	5 45	0 37	16 31	1 2	16 51	1 17	20 39	0 3	17 19	0 23	20 3	3 29	15 22	15 4	26 57	19 10	3 42
S 20	18 56	22 55	1 59	18 11	3 30	19 11	1 20	5 27	0 36	16 33	1 2	16 49	1 17	20 39	0 3	17 19	0 23	20 3	3 29	15 22	15 5	26 57	19 11	3 43
S 21	18 41	18 59	0 53	18 25	3 23	18 52	1 21	5 8	0 35	16 34	1 3	16 47	1 17	20 39	0 3	17 18	0 23	20 3	3 29	15 22	15 6	26 58	19 11	3 43
M22	18 25	14 9	0s17	18 39	3 14	18 32	1 22	4 50	0 35	16 36	1 3	16 45	1 17	20 39	0 3	17 18	0 23	20 3	3 29	15 22	15 7	26 59	19 11	3 43
T 23	18 9	8 38	1 27	18 53	3 5	18 11	1 22	4 31	0 34	16 38	1 3	16 42	1 17	20 38	0 3	17 17	0 23	20 3	3 29	15 22	15 8	26 59	19 11	3 44
W24	17 53	2 41	2 33	19 6	2 54	17 50	1 23	4 13	0 33	16 40	1 3	16 40	1 17	20 38	0 3	17 16	0 23	20 3	3 29	15 22	15 9	27 0	19 11	3 44
T 25	17 37	3s29	3 33	19 18	2 43	17 28	1 24	3 54	0 32	16 41	1 3	16 38	1 17	20 38	0 3	17 16	0 23	20 3	3 29	15 22	15 10	27 1	19 11	3 45
F 26	17 20	9 35	4 22	19 30	2 32	17 5	1 24	3 36	0 31	16 43	1 3	16 36	1 17	20 38	0 3	17 15	0 23	20 3	3 29	15 22	15 11	27 1	19 11	3 45
S 27	17 3	15 20	4 57	19 42	2 20	16 43	1 25	3 17	0 31	16 44	1 3	16 33	1 17	20 38	0 3	17 14	0 23	20 3	3 29	15 21	15 12	27 2	19 11	3 45
S 28	16 46	20 24	5 15	19 52	2 8	16 20	1 25	2 59	0 30	16 46	1 3	16 31	1 17	20 38	0 3	17 14	0 23	20 3	3 29	15 21	15 13	27 2	19 11	3 46
M29	16 28	24 24	5 15	20 2	1 55	15 56	1 26	2 40	0 29	16 47	1 4	16 29	1 17	20 38	0 3	17 13	0 23	20 3	3 29	15 21	15 14	27 3	19 11	3 46
T 30	16 10	26 57	4 55	20 10	1 43	15 32	1 26	2 21	0 28	16 49	1 4	16 27	1 17	20 38	0 3	17 12	0 23	20 3	3 29	15 21	15 15	27 4	19 11	3 47
W31	15s52	27s44	4s17	20s18	1n31	15s 7	1s26	2s 3	0s27	16s50	1n 4	16s24	1s17	20n38	0s 3	17s12	0s23	20s 3	3n29	15s21	15s16	27n 4	19s11	3n47

Julian Day Number = 2094343.5, Delta T = 22m40s
Ecliptic obliquity = 23°34'04, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'31, Lahiri = 10°13'31 Julian Calendar 1 Jan. 1022 == Greg. Calendar 7 Jan. 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

FEBRUARY 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 5 24	17♒52'38	9♉ 7	22♉17	24♒44	26♓40	20♏10	19♒11	2°R 4	13♒40	26♐57	18°R31	18♒46	12♊25	17♐19	T 1
F 2	9 9 20	18°53'04	23°36	22°54	25°59	27°25	20°15	19°19	2♊ 4	13°42	26°58	18°D31	18°43	12°32	17°23	F 2
S 3	9 13 17	19°53'28	7♒59	23°35	27°14	28° 9	20°20	19°26	2°D 4	13°45	27° 0	18♒31	18°40	12°38	17°27	S 3
S 4	9 17 13	20°53'50	22°10	24°21	28°29	28°54	20°25	19°33	2° 4	13°47	27° 1	18°R31	18°36	12°45	17°31	S 4
M 5	9 21 10	21°54'11	6♓ 4	25° 9	29°44	29°38	20°30	19°41	2° 4	13°49	27° 3	18°31	18°33	12°52	17°35	M 5
T 6	9 25 6	22°54'30	19°38	26° 2	0♓59	0♈23	20°34	19°48	2° 4	13°51	27° 4	18°30	18°30	12°59	17°39	T 6
W 7	9 29 3	23°54'46	2♈51	26°57	2°14	1° 7	20°39	19°55	2° 4	13°54	27° 5	18°30	18°27	13° 5	17°43	W 7
T 8	9 32 59	24°55'01	15°42	27°55	3°29	1°52	20°43	20° 3	2° 5	13°56	27° 7	18°29	18°24	13°12	17°47	T 8
F 9	9 36 56	25°55'14	28°15	28°56	4°44	2°36	20°47	20°10	2° 5	13°58	27° 8	18°28	18°21	13°19	17°51	F 9
S 10	9 40 53	26°55'25	10♉30	29°59	5°59	3°20	20°51	20°17	2° 5	14° 0	27° 9	18°27	18°17	13°25	17°55	S 10
S 11	9 44 49	27°55'33	22°33	1♒ 5	7°13	4° 5	20°54	20°25	2° 6	14° 3	27°11	18°D27	18°14	13°32	17°58	S 11
M12	9 48 46	28°55'40	4♊29	2°13	8°28	4°49	20°58	20°32	2° 6	14° 5	27°12	18°27	18°11	13°39	18° 2	M12
T 13	9 52 42	29°55'44	16°20	3°23	9°43	5°33	21° 1	20°39	2° 7	14° 7	27°13	18°28	18° 8	13°46	18° 5	T 13
W14	9 56 39	0♓55'46	28°13	4°35	10°58	6°17	21° 4	20°46	2° 7	14° 9	27°14	18°29	18° 5	13°52	18° 9	W14
T 15	10 0 35	1°55'46	10♋12	5°49	12°13	7° 1	21° 7	20°54	2° 8	14°11	27°15	18°30	18° 2	13°59	18°12	T 15
F 16	10 4 32	2°55'44	22°21	7° 5	13°27	7°46	21°10	21° 1	2° 9	14°14	27°16	18°31	17°58	14° 6	18°15	F 16
S 17	10 8 28	3°55'40	4♌43	8°23	14°42	8°30	21°12	21° 8	2° 9	14°16	27°18	18°32	17°55	14°12	18°18	S 17
S 18	10 12 25	4°55'33	17°20	9°42	15°57	9°13	21°15	21°15	2°10	14°18	27°19	18°R33	17°52	14°19	18°21	S 18
M19	10 16 22	5°55'25	0♍14	11° 2	17°11	9°57	21°17	21°22	2°11	14°20	27°20	18°32	17°49	14°26	18°24	M19
T 20	10 20 18	6°55'14	13°26	12°24	18°26	10°41	21°19	21°30	2°12	14°22	27°21	18°31	17°46	14°33	18°27	T 20
W21	10 24 15	7°55'01	26°53	13°48	19°40	11°25	21°21	21°37	2°13	14°24	27°22	18°29	17°42	14°39	18°30	W21
T 22	10 28 11	8°54'47	10♎35	15°13	20°55	12° 9	21°23	21°44	2°14	14°26	27°23	18°26	17°39	14°46	18°32	T 22
F 23	10 32 8	9°54'30	24°29	16°40	22° 9	12°53	21°24	21°51	2°15	14°29	27°24	18°23	17°36	14°53	18°35	F 23
S 24	10 36 4	10°54'12	8♏31	18° 8	23°24	13°36	21°25	21°58	2°16	14°31	27°24	18°20	17°33	14°59	18°38	S 24
S 25	10 40 1	11°53'52	22°39	19°37	24°38	14°20	21°26	22° 5	2°17	14°33	27°25	18°18	17°30	15° 6	18°40	S 25
M26	10 43 57	12°53'31	6♐50	21° 7	25°53	15° 4	21°27	22°12	2°18	14°35	27°26	18°D17	17°27	15°13	18°42	M26
T 27	10 47 54	13°53'07	21° 1	22°39	27° 7	15°47	21°28	22°19	2°19	14°37	27°27	18°17	17°23	15°19	18°45	T 27
W28	10 51 51	14♓52'42	5♉11	24♒13	28♓22	16♈31	21♏29	22♒26	2♊21	14♒39	27♐28	18♒18	17♒20	15♊26	18♐47	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s33	26s36	3s22	20s25	1n19	14s42	1s27	1s44	0s27	16s51	1n 4	16s22	1s17	20n38	0s 3	17s11	0s23	20s 3	3n29	15s22	15s17	27n 5	19s11	3n48
F 2	15 15	23 41	2 14	20 31	1 7	14 17	1 27	1 26	0 26	16 53	1 4	16 20	1 17	20 38	0 3	17 10	0 23	20 3	3 29	15 22	15 18	27 5	19 11	3 48
S 3	14 56	19 18	0 58	20 35	0 55	13 51	1 27	1 7	0 25	16 54	1 4	16 18	1 17	20 38	0 3	17 10	0 23	20 3	3 29	15 22	15 19	27 6	19 11	3 48
S 4	14 36	13 53	0n20	20 39	0 44	13 25	1 27	0 49	0 24	16 55	1 4	16 15	1 17	20 38	0 3	17 9	0 23	20 3	3 29	15 22	15 20	27 6	19 11	3 49
M 5	14 17	7 51	1 36	20 41	0 33	12 59	1 27	0 30	0 24	16 56	1 4	16 13	1 18	20 38	0 3	17 9	0 23	20 4	3 29	15 22	15 21	27 7	19 11	3 49
T 6	13 57	1 37	2 44	20 42	0 22	12 32	1 27	0 12	0 23	16 57	1 5	16 11	1 18	20 38	0 3	17 8	0 23	20 4	3 29	15 22	15 22	27 7	19 11	3 50
W 7	13 37	4n32	3 42	20 42	0 11	12 5	1 27	0n 7	0 22	16 58	1 5	16 9	1 18	20 38	0 3	17 7	0 23	20 4	3 29	15 22	15 23	27 8	19 11	3 50
T 8	13 17	10 18	4 27	20 40	0 1	11 38	1 27	0 25	0 21	16 59	1 5	16 6	1 18	20 38	0 3	17 7	0 23	20 4	3 29	15 22	15 24	27 8	19 10	3 51
F 9	12 57	15 32	4 57	20 38	0s 9	11 10	1 26	0 44	0 20	17 0	1 5	16 4	1 18	20 38	0 3	17 6	0 23	20 4	3 29	15 22	15 25	27 9	19 10	3 51
S 10	12 36	20 0	5 14	20 34	0 19	10 42	1 26	1 2	0 20	17 1	1 5	16 2	1 18	20 38	0 3	17 5	0 23	20 4	3 29	15 23	15 26	27 9	19 10	3 52
S 11	12 15	23 36	5 16	20 29	0 28	10 14	1 26	1 20	0 19	17 2	1 5	16 0	1 18	20 38	0 3	17 5	0 24	20 4	3 29	15 23	15 27	27 10	19 10	3 52
M12	11 55	26 8	5 4	20 22	0 37	9 45	1 25	1 39	0 18	17 3	1 5	15 57	1 18	20 39	0 3	17 4	0 24	20 4	3 29	15 23	15 28	27 10	19 10	3 53
T 13	11 33	27 30	4 40	20 14	0 45	9 16	1 24	1 57	0 17	17 3	1 5	15 55	1 18	20 39	0 3	17 3	0 24	20 4	3 29	15 23	15 29	27 11	19 10	3 53
W14	11 12	27 37	4 4	20 5	0 54	8 47	1 24	2 15	0 17	17 4	1 6	15 53	1 18	20 39	0 3	17 3	0 24	20 4	3 29	15 22	15 30	27 11	19 10	3 53
T 15	10 51	26 26	3 16	19 55	1 2	8 18	1 23	2 34	0 16	17 5	1 6	15 51	1 18	20 39	0 3	17 2	0 24	20 4	3 29	15 22	15 31	27 12	19 9	3 54
F 16	10 29	24 0	2 20	19 43	1 9	7 48	1 22	2 52	0 15	17 5	1 6	15 48	1 18	20 39	0 3	17 2	0 24	20 4	3 29	15 21	15 32	27 12	19 9	3 54
S 17	10 7	20 25	1 16	19 30	1 16	7 19	1 22	3 10	0 14	17 6	1 6	15 46	1 18	20 39	0 3	17 1	0 24	20 4	3 29	15 21	15 33	27 13	19 9	3 55
S 18	9 45	15 50	0 7	19 15	1 23	6 49	1 21	3 28	0 14	17 6	1 6	15 44	1 19	20 39	0 3	17 0	0 24	20 4	3 29	15 21	15 34	27 13	19 9	3 55
M19	9 23	10 27	1s 4	18 59	1 29	6 19	1 20	3 46	0 13	17 7	1 6	15 42	1 19	20 40	0 3	17 0	0 24	20 4	3 29	15 21	15 35	27 13	19 8	3 56
T 20	9 1	4 30	2 13	18 42	1 35	5 49	1 19	4 4	0 12	17 7	1 6	15 39	1 19	20 40	0 3	16 59	0 24	20 4	3 29	15 22	15 36	27 14	19 8	3 56
W21	8 39	1s45	3 16	18 23	1 41	5 18	1 18	4 22	0 11	17 8	1 6	15 37	1 19	20 40	0 3	16 58	0 24	20 4	3 29	15 22	15 36	27 14	19 8	3 57
T 22	8 16	8 1	4 9	18 3	1 46	4 48	1 17	4 40	0 11	17 8	1 7	15 35	1 19	20 40	0 3	16 58	0 24	20 4	3 29	15 23	15 37	27 15	19 8	3 57
F 23	7 54	13 59	4 47	17 41	1 51	4 17	1 16	4 58	0 10	17 8	1 7	15 33	1 19	20 40	0 3	16 57	0 24	20 4	3 29	15 24	15 38	27 15	19 7	3 58
S 24	7 31	19 18	5 10	17 18	1 55	3 46	1 14	5 15	0 9	17 8	1 7	15 30	1 19	20 41	0 3	16 57	0 24	20 4	3 29	15 25	15 39	27 15	19 7	3 58
S 25	7 8	23 34	5 13	16 54	1 59	3 15	1 13	5 33	0 8	17 9	1 7	15 28	1 19	20 41	0 3	16 56	0 24	20 4	3 29	15 26	15 40	27 16	19 7	3 59
M26	6 45	26 28	4 58	16 28	2 3	2 45	1 12	5 51	0 8	17 9	1 7	15 26	1 19	20 41	0 3	16 55	0 24	20 4	3 29	15 26	15 41	27 16	19 6	3 59
T 27	6 22	27 40	4 25	16 1	2 6	2 14	1 10	6 8	0 7	17 9	1 7	15 24	1 19	20 41	0 3	16 55	0 24	20 4	3 29	15 26	15 42	27 17	19 6	4 0
W28	5s59	27s 3	3s35	15s33	2s 9	1s42	1s 9	6n26	0s 6	17s 9	1n 7	15s22	1s20	20n42	0s 3	16s54	0s24	20s 4	3n29	15s26	15s43	27n17	19s 6	4n 0

Julian Day Number = 2094374.5, Delta T = 22m40s
Ecliptic obliquity = 23°34'04, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'35, Lahiri = 10°13'35 Julian Calendar 1 Feb. 1022 == Greg. Calendar 7 Feb. 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

MARCH 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 55 47	15♓52'15	19♉17	25♒47	29♓36	17♈14	21♏29	22♒33	2♊22	14♒41	27♐28	18♒19	17♒17	15♊33	18♐49	T 1
F 2	10 59 44	16°51'47	3♒19	27°23	0♈51	17°58	21°R29	22°40	2°23	14°43	27°29	18°21	17°14	15°40	18°51	F 2
S 3	11 3 40	17°51'16	17°13	29° 0	2° 5	18°41	21°29	22°47	2°25	14°45	27°30	18°R21	17°11	15°46	18°53	S 3
S 4	11 7 37	18°50'44	0♓57	0♓39	3°19	19°24	21°29	22°54	2°26	14°47	27°31	18°21	17° 7	15°53	18°55	S 4
M 5	11 11 33	19°50'09	14°29	2°19	4°34	20° 8	21°29	23° 1	2°28	14°49	27°31	18°19	17° 4	16° 0	18°56	M 5
T 6	11 15 30	20°49'32	27°47	4° 0	5°48	20°51	21°28	23° 7	2°29	14°51	27°32	18°15	17° 1	16° 6	18°58	T 6
W 7	11 19 26	21°48'53	10♈49	5°42	7° 2	21°34	21°27	23°14	2°31	14°53	27°32	18°10	16°58	16°13	19° 0	W 7
T 8	11 23 23	22°48'12	23°35	7°26	8°16	22°17	21°26	23°21	2°33	14°55	27°33	18° 4	16°55	16°20	19° 1	T 8
F 9	11 27 20	23°47'29	6♉ 5	9°11	9°30	23° 0	21°25	23°27	2°34	14°57	27°33	17°57	16°52	16°27	19° 2	F 9
S 10	11 31 16	24°46'44	18°20	10°58	10°45	23°43	21°24	23°34	2°36	14°58	27°34	17°52	16°48	16°33	19° 4	S 10
S 11	11 35 13	25°45'56	0♊23	12°46	11°59	24°27	21°22	23°41	2°38	15° 0	27°34	17°47	16°45	16°40	19° 5	S 11
M12	11 39 9	26°45'06	12°19	14°35	13°13	25° 9	21°21	23°47	2°40	15° 2	27°35	17°44	16°42	16°47	19° 6	M12
T 13	11 43 6	27°44'14	24°10	16°25	14°27	25°52	21°19	23°54	2°42	15° 4	27°35	17°D43	16°39	16°53	19° 7	T 13
W14	11 47 2	28°43'19	6♋ 2	18°18	15°41	26°35	21°17	24° 0	2°44	15° 6	27°35	17°43	16°36	17° 0	19° 8	W14
T 15	11 50 59	29°42'22	18° 1	20°11	16°55	27°18	21°14	24° 7	2°46	15° 7	27°36	17°45	16°33	17° 7	19° 9	T 15
F 16	11 54 55	0♈41'23	0♌10	22° 6	18° 9	28° 1	21°12	24°13	2°48	15° 9	27°36	17°46	16°29	17°13	19° 9	F 16
S 17	11 58 52	1°40'21	12°36	24° 2	19°23	28°44	21° 9	24°19	2°50	15°11	27°36	17°R47	16°26	17°20	19°10	S 17
S 18	12 2 48	2°39'17	25°20	26° 0	20°37	29°26	21° 6	24°26	2°52	15°13	27°36	17°47	16°23	17°27	19°11	S 18
M19	12 6 45	3°38'11	8♍27	27°59	21°50	0♉ 9	21° 3	24°32	2°54	15°14	27°37	17°45	16°20	17°34	19°11	M19
T 20	12 10 42	4°37'02	21°56	29°59	23° 4	0°52	21° 0	24°38	2°56	15°16	27°37	17°41	16°17	17°40	19°11	T 20
W21	12 14 38	5°35'52	5♎47	2♈ 0	24°18	1°34	20°57	24°44	2°58	15°17	27°37	17°35	16°13	17°47	19°12	W21
T 22	12 18 35	6°34'39	19°56	4° 3	25°32	2°17	20°54	24°50	3° 1	15°19	27°37	17°28	16°10	17°54	19°12	T 22
F 23	12 22 31	7°33'24	4♏19	6° 7	26°46	2°59	20°50	24°56	3° 3	15°21	27°37	17°20	16° 7	18° 0	19°R12	F 23
S 24	12 26 28	8°32'08	18°48	8°11	27°59	3°42	20°46	25° 2	3° 5	15°22	27°37	17°12	16° 4	18° 7	19°12	S 24
S 25	12 30 24	9°30'50	3♐19	10°17	29°13	4°24	20°42	25° 8	3° 8	15°24	27°R37	17° 6	16° 1	18°14	19°12	S 25
M26	12 34 21	10°29'30	17°44	12°23	0♑27	5° 6	20°38	25°14	3°10	15°25	27°37	17° 1	15°58	18°20	19°12	M26
T 27	12 38 17	11°28'08	2♑ 1	14°30	1°40	5°49	20°34	25°20	3°13	15°27	27°37	16°59	15°54	18°27	19°11	T 27
W28	12 42 14	12°26'45	16° 7	16°37	2°54	6°31	20°29	25°26	3°15	15°28	27°37	16°D59	15°51	18°34	19°11	W28
T 29	12 46 11	13°25'20	0♒ 1	18°44	4° 7	7°13	20°24	25°32	3°18	15°30	27°37	16°59	15°48	18°41	19°10	T 29
F 30	12 50 7	14°23'54	13°43	20°51	5°21	7°55	20°20	25°37	3°20	15°31	27°37	17°R 0	15°45	18°47	19°10	F 30
S 31	12 54 4	15♈22'25	27♒14	22♈57	6♉34	8♉37	20♏15	25♒43	3♊23	15♒32	27♐37	17♒ 0	15♒42	18♊54	19♐ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s36	24s41	2s33	15s 3	2s11	1s11	1s 7	6n43	0s 6	17s 9	1n 7	15s19	1s20	20n42	0s 3	16s54	0s24	20s 4	3n29	15s25	15s44	27n17	19s 5	4n 1
F 2	5 13	20 51	1 22	14 32	2 13	0 40	1 6	7 0	0 5	17 9	1 8	15 17	1 20	20 42	0 3	16 53	0 24	20 4	3 29	15 25	15 45	27 18	19 5	4 1
S 3	4 50	15 52	0 6	13 59	2 15	0 9	1 4	7 18	0 4	17 9	1 8	15 15	1 20	20 42	0 3	16 53	0 24	20 4	3 29	15 24	15 46	27 18	19 5	4 2
S 4	4 26	10 8	1n 8	13 25	2 16	0n22	1 3	7 35	0 3	17 8	1 8	15 13	1 20	20 43	0 3	16 52	0 24	20 4	3 29	15 25	15 47	27 18	19 4	4 3
M 5	4 3	4 1	2 18	12 49	2 16	0 53	1 1	7 52	0 3	17 8	1 8	15 11	1 20	20 43	0 3	16 51	0 24	20 4	3 29	15 25	15 48	27 18	19 4	4 3
T 6	3 39	2n 9	3 19	12 12	2 16	1 25	0 59	8 9	0 2	17 8	1 8	15 9	1 20	20 43	0 3	16 51	0 24	20 4	3 29	15 27	15 49	27 19	19 4	4 4
W 7	3 16	8 6	4 8	11 34	2 16	1 56	0 57	8 26	0 1	17 8	1 8	15 7	1 20	20 44	0 3	16 50	0 24	20 4	3 29	15 28	15 50	27 19	19 3	4 4
T 8	2 52	13 35	4 43	10 55	2 15	2 27	0 55	8 43	0 1	17 7	1 8	15 4	1 20	20 44	0 3	16 50	0 24	20 4	3 29	15 30	15 51	27 19	19 3	4 5
F 9	2 29	18 23	5 4	10 14	2 13	2 58	0 53	8 59	0n 0	17 7	1 8	15 2	1 21	20 44	0 3	16 49	0 24	20 4	3 29	15 32	15 52	27 20	19 2	4 5
S 10	2 5	22 21	5 11	9 31	2 12	3 29	0 51	9 16	0 1	17 6	1 8	15 0	1 21	20 45	0 3	16 49	0 24	20 4	3 29	15 34	15 53	27 20	19 2	4 6
S 11	1 41	25 17	5 3	8 48	2 9	4 0	0 49	9 33	0 1	17 6	1 9	14 58	1 21	20 45	0 3	16 48	0 24	20 4	3 29	15 35	15 54	27 20	19 2	4 6
M12	1 18	27 4	4 43	8 3	2 6	4 31	0 47	9 49	0 2	17 5	1 9	14 56	1 21	20 45	0 3	16 48	0 24	20 4	3 29	15 36	15 55	27 20	19 1	4 7
T 13	0 54	27 36	4 10	7 16	2 3	5 2	0 45	10 5	0 3	17 5	1 9	14 54	1 21	20 46	0 3	16 47	0 24	20 4	3 29	15 36	15 56	27 21	19 1	4 7
W14	0 31	26 52	3 27	6 29	1 59	5 32	0 43	10 22	0 3	17 4	1 9	14 52	1 21	20 46	0 3	16 47	0 24	20 4	3 29	15 36	15 57	27 21	19 0	4 8
T 15	0 7	24 54	2 34	5 40	1 55	6 3	0 41	10 38	0 4	17 3	1 9	14 50	1 21	20 47	0 3	16 46	0 24	20 4	3 29	15 36	15 58	27 21	19 0	4 8
F 16	0n17	21 45	1 34	4 50	1 50	6 33	0 39	10 54	0 5	17 3	1 9	14 48	1 22	20 47	0 3	16 46	0 24	20 4	3 29	15 35	15 59	27 21	18 59	4 9
S 17	0 40	17 34	0 28	3 58	1 44	7 4	0 36	11 10	0 5	17 2	1 9	14 46	1 22	20 47	0 3	16 45	0 24	20 4	3 29	15 35	16 0	27 22	18 59	4 9
S 18	1 4	12 30	0s41	3 6	1 38	7 34	0 34	11 26	0 6	17 1	1 9	14 44	1 22	20 48	0 3	16 45	0 24	20 4	3 29	15 35	16 1	27 22	18 58	4 10
M19	1 27	6 45	1 49	2 13	1 32	8 4	0 32	11 41	0 7	17 0	1 9	14 42	1 22	20 48	0 3	16 44	0 24	20 4	3 29	15 36	16 2	27 22	18 58	4 10
T 20	1 51	0 34	2 54	1 18	1 25	8 34	0 29	11 57	0 7	16 59	1 9	14 40	1 22	20 49	0 3	16 44	0 24	20 4	3 29	15 37	16 3	27 22	18 57	4 11
W21	2 14	5s49	3 49	0 23	1 17	9 3	0 27	12 13	0 8	16 58	1 10	14 38	1 22	20 49	0 3	16 43	0 24	20 4	3 29	15 39	16 4	27 22	18 57	4 11
T 22	2 37	12 2	4 32	0n34	1 9	9 32	0 25	12 28	0 9	16 57	1 10	14 36	1 22	20 50	0 3	16 43	0 24	20 4	3 29	15 41	16 4	27 22	18 56	4 12
F 23	3 1	17 42	4 59	1 31	1 1	10 2	0 22	12 43	0 9	16 56	1 10	14 34	1 23	20 50	0 3	16 42	0 24	20 4	3 29	15 44	16 5	27 23	18 56	4 13
S 24	3 24	22 25	5 6	2 29	0 52	10 30	0 20	12 58	0 10	16 55	1 10	14 32	1 23	20 51	0 3	16 42	0 24	20 4	3 29	15 46	16 6	27 23	18 55	4 13
S 25	3 47	25 45	4 54	3 27	0 42	10 59	0 17	13 13	0 11	16 54	1 10	14 31	1 23	20 51	0 3	16 42	0 24	20 4	3 29	15 48	16 7	27 23	18 55	4 14
M26	4 11	27 23	4 24	4 25	0 33	11 28	0 15	13 28	0 11	16 53	1 10	14 29	1 23	20 52	0 3	16 41	0 24	20 4	3 29	15 49	16 8	27 23	18 54	4 14
T 27	4 34	27 10	3 37	5 24	0 22	11 56	0 12	13 43	0 12	16 52	1 10	14 27	1 23	20 52	0 3	16 41	0 24	20 4	3 29	15 50	16 9	27 23	18 54	4 15
W28	4 57	25 12	2 38	6 23	0 12	12 24	0 10	13 58	0 13	16 50	1 10	14 25	1 23	20 53	0 3	16 40	0 24	20 4	3 29	15 50	16 10	27 23	18 53	4 15
T 29	5 20	21 43	1 30	7 21	0 1	12 51	0 7	14 12	0 13	16 49	1 10	14 23	1 23	20 53	0 3	16 40	0 24	20 4	3 29	15 50	16 11	27 23	18 53	4 16
F 30	5 42	17 5	0 18	8 20	0n10	13 18	0 4	14 26	0 14	16 48	1 10	14 22	1 24	20 54	0 3	16 39	0 24	20 4	3 29	15 49	16 12	27 24	18 52	4 16
S 31	6n 5	11s39	0n54	9n17	0n20	13n45	0s 2	14n41	0n14	16s46	1n10	14s20	1s24	20n54	0s 3	16s39	0s24	20s 4	3n29	15s50	16s13	27n24	18s51	4n17

Julian Day Number = 2094402.5, Delta T = 22m39s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'39, Lahiri = 10°13'39 Julian Calendar 1 March 1022 == Greg. Calendar 7 March 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

APRIL 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 58 0	16♈20'55	10♓33	25♈ 2	7♉48	9♉19	20°R10	25♒48	3♊25	15♒34	27°R36	16°R57	15♒39	19♊ 1	19°R 9	S 1
M 2	13 1 57	17°19'23	23°41	27° 6	9° 1	10° 1	20♏ 4	25°54	3°28	15°35	27♐36	16♒52	15°35	19° 7	19♐ 8	M 2
T 3	13 5 53	18°17'49	6♈38	29° 9	10°14	10°43	19°59	25°59	3°31	15°36	27°36	16°45	15°32	19°14	19° 7	T 3
W 4	13 9 50	19°16'14	19°23	1♉10	11°28	11°25	19°53	26° 5	3°33	15°38	27°35	16°35	15°29	19°21	19° 6	W 4
T 5	13 13 46	20°14'36	1♉56	3° 8	12°41	12° 7	19°48	26°10	3°36	15°39	27°35	16°24	15°26	19°27	19° 5	T 5
F 6	13 17 43	21°12'57	14°16	5° 5	13°54	12°49	19°42	26°15	3°39	15°40	27°35	16°12	15°23	19°34	19° 4	F 6
S 7	13 21 40	22°11'16	26°26	6°58	15° 8	13°31	19°36	26°20	3°42	15°41	27°34	16° 0	15°19	19°41	19° 2	S 7
S 8	13 25 36	23° 9'33	8♊26	8°49	16°21	14°13	19°30	26°26	3°45	15°42	27°34	15°51	15°16	19°48	19° 1	S 8
M 9	13 29 33	24° 7'48	20°20	10°36	17°34	14°54	19°24	26°31	3°48	15°43	27°34	15°43	15°13	19°54	19° 0	M 9
T 10	13 33 29	25° 6'01	2♋10	12°20	18°47	15°36	19°18	26°36	3°51	15°45	27°33	15°39	15°10	20° 1	18°58	T 10
W11	13 37 26	26° 4'12	14° 0	14° 1	20° 0	16°18	19°11	26°40	3°54	15°46	27°33	15°36	15° 7	20° 8	18°57	W11
T 12	13 41 22	27° 2'20	25°57	15°38	21°13	16°59	19° 5	26°45	3°57	15°47	27°32	15°D35	15° 4	20°14	18°55	T 12
F 13	13 45 19	28° 0'27	8♌ 5	17°11	22°26	17°41	18°58	26°50	4° 0	15°48	27°31	15°36	15° 0	20°21	18°53	F 13
S 14	13 49 15	28°58'32	20°29	18°40	23°39	18°22	18°52	26°55	4° 3	15°49	27°31	15°R36	14°57	20°28	18°51	S 14
S 15	13 53 12	29°56'35	3♍14	20° 5	24°52	19° 4	18°45	26°59	4° 6	15°49	27°30	15°34	14°54	20°34	18°49	S 15
M16	13 57 9	0♎54'35	16°25	21°26	26° 5	19°45	18°38	27° 4	4° 9	15°50	27°30	15°31	14°51	20°41	18°48	M16
T 17	14 1 5	1°52'34	0♏ 3	22°43	27°18	20°26	18°31	27° 8	4°12	15°51	27°29	15°25	14°48	20°48	18°45	T 17
W18	14 5 2	2°50'31	14° 8	23°56	28°30	21° 8	18°24	27°13	4°15	15°52	27°28	15°17	14°44	20°55	18°43	W18
T 19	14 8 58	3°48'27	28°36	25° 4	29°43	21°49	18°17	27°17	4°18	15°53	27°28	15° 7	14°41	21° 1	18°41	T 19
F 20	14 12 55	4°46'21	13♐22	26° 8	0♊56	22°30	18°10	27°21	4°21	15°54	27°27	14°56	14°38	21° 8	18°39	F 20
S 21	14 16 51	5°44'13	28°17	27° 8	2° 8	23°11	18° 2	27°25	4°25	15°54	27°26	14°45	14°35	21°15	18°37	S 21
S 22	14 20 48	6°42'04	13♑12	28° 3	3°21	23°53	17°55	27°29	4°28	15°55	27°25	14°36	14°32	21°21	18°34	S 22
M23	14 24 44	7°39'54	27°59	28°54	4°34	24°34	17°48	27°33	4°31	15°56	27°24	14°30	14°29	21°28	18°32	M23
T 24	14 28 41	8°37'42	12♒31	29°39	5°46	25°15	17°40	27°37	4°34	15°57	27°24	14°26	14°25	21°35	18°29	T 24
W25	14 32 38	9°35'29	26°44	0♊21	6°59	25°56	17°33	27°41	4°38	15°57	27°23	14°24	14°22	21°41	18°26	W25
T 26	14 36 34	10°33'15	10♒39	0°57	8°11	26°37	17°25	27°45	4°41	15°58	27°22	14°24	14°19	21°48	18°24	T 26
F 27	14 40 31	11°31'00	24°14	1°29	9°23	27°18	17°18	27°48	4°44	15°58	27°21	14°24	14°16	21°55	18°21	F 27
S 28	14 44 27	12°28'44	7♓31	1°56	10°36	27°59	17°10	27°52	4°48	15°59	27°20	14°22	14°13	22° 2	18°18	S 28
S 29	14 48 24	13°26'26	20°34	2°18	11°48	28°40	17° 3	27°56	4°51	15°59	27°19	14°19	14°10	22° 8	18°15	S 29
M30	14 52 20	14♉24'07	3♈23	2♊35	13♊ 0	29♉20	16♏55	27♒59	4♊54	16♒ 0	27♐18	14♒13	14♒ 6	22♊15	18♐12	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n28	5s46	2n 2	10n14	0n32	14n12	0n 1	14n55	0n15	16s45	1n10	14s18	1s24	20n55	0s 3	16s39	0s24	20s 4	3n29	15s50	16s14	27n24	18s51	4n17
M 2	6 50	0n16	3 3	11 9	0 42	14 38	0 4	15 9	0 16	16 44	1 10	14 16	1 24	20 55	0 3	16 38	0 24	20 4	3 29	15 52	16 15	27 24	18 50	4 18
T 3	7 13	6 12	3 52	12 4	0 53	15 4	0 6	15 23	0 16	16 42	1 10	14 15	1 24	20 56	0 3	16 38	0 24	20 4	3 29	15 54	16 16	27 24	18 50	4 18
W 4	7 35	11 47	4 30	12 56	1 4	15 30	0 9	15 36	0 17	16 41	1 10	14 13	1 24	20 56	0 3	16 38	0 25	20 4	3 29	15 57	16 17	27 24	18 49	4 19
T 5	7 57	16 47	4 53	13 47	1 14	15 55	0 12	15 50	0 17	16 39	1 10	14 11	1 25	20 57	0 3	16 37	0 25	20 4	3 29	16 0	16 18	27 24	18 49	4 19
F 6	8 19	21 1	5 2	14 37	1 24	16 20	0 14	16 3	0 18	16 37	1 10	14 10	1 25	20 57	0 3	16 37	0 25	20 4	3 29	16 4	16 19	27 24	18 48	4 20
S 7	8 41	24 17	4 58	15 24	1 34	16 44	0 17	16 17	0 19	16 36	1 11	14 8	1 25	20 58	0 3	16 37	0 25	20 4	3 29	16 7	16 20	27 24	18 47	4 20
S 8	9 3	26 26	4 40	16 9	1 43	17 8	0 20	16 30	0 19	16 34	1 11	14 6	1 25	20 58	0 3	16 36	0 25	20 4	3 29	16 10	16 21	27 24	18 47	4 21
M 9	9 24	27 22	4 10	16 51	1 52	17 31	0 22	16 43	0 20	16 32	1 11	14 5	1 25	20 59	0 3	16 36	0 25	20 4	3 29	16 13	16 22	27 24	18 46	4 21
T 10	9 46	27 2	3 29	17 31	2 0	17 54	0 25	16 55	0 20	16 31	1 11	14 3	1 26	20 59	0 3	16 36	0 25	20 4	3 29	16 14	16 22	27 24	18 46	4 22
W11	10 7	25 28	2 39	18 9	2 7	18 17	0 28	17 8	0 21	16 29	1 11	14 2	1 26	21 0	0 3	16 35	0 25	20 4	3 29	16 15	16 23	27 24	18 45	4 22
T 12	10 28	22 45	1 42	18 44	2 14	18 39	0 31	17 21	0 22	16 27	1 11	14 0	1 26	21 1	0 2	16 35	0 25	20 4	3 29	16 15	16 24	27 24	18 44	4 23
F 13	10 49	18 59	0 40	19 17	2 20	19 1	0 33	17 33	0 22	16 25	1 11	13 59	1 26	21 1	0 2	16 35	0 25	20 4	3 29	16 15	16 25	27 24	18 44	4 23
S 14	11 10	14 20	0s26	19 47	2 25	19 22	0 36	17 45	0 23	16 24	1 11	13 57	1 26	21 2	0 2	16 35	0 25	20 4	3 29	16 15	16 26	27 24	18 43	4 24
S 15	11 31	8 56	1 32	20 15	2 29	19 43	0 39	17 57	0 23	16 22	1 11	13 56	1 26	21 2	0 2	16 34	0 25	20 4	3 29	16 15	16 27	27 24	18 42	4 24
M16	11 51	3 0	2 36	20 40	2 32	20 3	0 41	18 9	0 24	16 20	1 11	13 55	1 27	21 3	0 2	16 34	0 25	20 4	3 29	16 16	16 28	27 24	18 42	4 25
T 17	12 11	3s16	3 32	21 3	2 35	20 22	0 44	18 21	0 24	16 18	1 11	13 53	1 27	21 4	0 2	16 34	0 25	20 4	3 29	16 18	16 29	27 24	18 41	4 25
W18	12 31	9 33	4 18	21 23	2 36	20 41	0 46	18 32	0 25	16 16	1 11	13 52	1 27	21 4	0 2	16 34	0 25	20 4	3 29	16 20	16 30	27 24	18 41	4 26
T 19	12 51	15 31	4 48	21 41	2 37	21 0	0 49	18 44	0 25	16 14	1 10	13 51	1 27	21 5	0 2	16 33	0 25	20 4	3 29	16 23	16 31	27 24	18 40	4 26
F 20	13 11	20 42	5 1	21 56	2 37	21 18	0 52	18 55	0 26	16 12	1 10	13 49	1 27	21 5	0 2	16 33	0 25	20 4	3 29	16 27	16 32	27 24	18 39	4 26
S 21	13 30	24 38	4 52	22 9	2 36	21 35	0 54	19 6	0 27	16 10	1 10	13 48	1 28	21 6	0 2	16 33	0 25	20 4	3 29	16 30	16 33	27 24	18 39	4 27
S 22	13 49	26 53	4 24	22 19	2 33	21 52	0 57	19 17	0 27	16 8	1 10	13 47	1 28	21 6	0 2	16 33	0 25	20 4	3 29	16 32	16 34	27 24	18 38	4 27
M23	14 8	27 12	3 39	22 28	2 30	22 8	0 59	19 28	0 28	16 6	1 10	13 46	1 28	21 7	0 2	16 33	0 25	20 4	3 29	16 34	16 35	27 24	18 37	4 28
T 24	14 27	25 38	2 40	22 34	2 26	22 24	1 2	19 38	0 28	16 4	1 10	13 45	1 28	21 8	0 2	16 32	0 25	20 4	3 29	16 35	16 36	27 24	18 37	4 28
W25	14 46	22 25	1 32	22 37	2 21	22 39	1 4	19 48	0 29	16 2	1 10	13 43	1 28	21 8	0 2	16 32	0 25	20 4	3 29	16 36	16 36	27 24	18 36	4 29
T 26	15 4	17 59	0 20	22 39	2 14	22 53	1 7	19 59	0 29	16 0	1 10	13 42	1 29	21 9	0 2	16 32	0 25	20 4	3 29	16 36	16 37	27 23	18 35	4 29
F 27	15 22	12 42	0n52	22 38	2 7	23 7	1 9	20 9	0 30	15 58	1 10	13 41	1 29	21 10	0 2	16 32	0 25	20 4	3 29	16 36	16 38	27 23	18 35	4 29
S 28	15 40	6 57	1 59	22 36	1 58	23 20	1 11	20 18	0 30	15 56	1 10	13 40	1 29	21 10	0 2	16 32	0 25	20 4	3 29	16 36	16 39	27 23	18 34	4 30
S 29	15 57	1 1	2 58	22 31	1 49	23 32	1 14	20 28	0 31	15 54	1 10	13 39	1 29	21 11	0 2	16 32	0 25	20 4	3 29	16 37	16 40	27 23	18 33	4 30
M30	16n15	4n50	3n48	22n24	1n39	23n44	1n16	20n38	0n31	15s52	1n10	13s38	1s29	21n11	0s 2	16s32	0s25	20s 4	3n29	16s39	16s41	27n23	18s33	4n31

Julian Day Number = 2094433.5, Delta T = 22m39s
Ecliptic obliquity = 23°34'05, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'43, Lahiri = 10°13'44 Julian Calendar 1 Apr. 1022 == Greg. Calendar 7 Apr. 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

MAY 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 56 17	15♉21'48	16♈ 1	2♊48	14♊13	0♊ 1	16°R47	28♒ 2	4♊58	16♒ 0	27°R17	14°R 4	14♒ 3	22♊22	18°R 9	T 1
W 2	15 0 13	16°19'27	28°29	2°55	15°25	0°42	16♏40	28° 5	5° 1	16° 1	27♐16	13♒52	14° 0	22°28	18♐ 6	W 2
T 3	15 4 10	17°17'04	10♉47	2°R58	16°37	1°23	16°32	28° 9	5° 4	16° 1	27°15	13°39	13°57	22°35	18° 3	T 3
F 4	15 8 7	18°14'41	22°57	2°56	17°49	2° 3	16°24	28°12	5° 8	16° 1	27°14	13°25	13°54	22°42	18° 0	F 4
S 5	15 12 3	19°12'17	4♊59	2°50	19° 1	2°44	16°17	28°15	5°11	16° 2	27°13	13°12	13°50	22°48	17°57	S 5
S 6	15 16 0	20° 9'51	16°54	2°39	20°13	3°25	16° 9	28°17	5°15	16° 2	27°12	13° 1	13°47	22°55	17°54	S 6
M 7	15 19 56	21° 7'24	28°44	2°24	21°25	4° 5	16° 2	28°20	5°18	16° 2	27°11	12°51	13°44	23° 2	17°50	M 7
T 8	15 23 53	22° 4'55	10♋32	2° 5	22°37	4°46	15°54	28°23	5°22	16° 2	27° 9	12°45	13°41	23° 8	17°47	T 8
W 9	15 27 49	23° 2'26	22°22	1°43	23°49	5°26	15°46	28°26	5°25	16° 2	27° 8	12°41	13°38	23°15	17°43	W 9
T 10	15 31 46	23°59'55	4♌18	1°18	25° 1	6° 7	15°39	28°28	5°29	16° 3	27° 7	12°40	13°35	23°22	17°40	T 10
F 11	15 35 42	24°57'22	16°24	0°50	26°12	6°47	15°31	28°30	5°32	16° 3	27° 6	12°D40	13°31	23°29	17°36	F 11
S 12	15 39 39	25°54'48	28°46	0°20	27°24	7°28	15°24	28°33	5°36	16° 3	27° 5	12°R40	13°28	23°35	17°33	S 12
S 13	15 43 36	26°52'13	11♍28	29♉48	28°36	8° 8	15°17	28°35	5°39	16° 3	27° 3	12°39	13°25	23°42	17°29	S 13
M14	15 47 32	27°49'37	24°37	29°15	29°47	8°48	15° 9	28°37	5°43	16°R 3	27° 2	12°37	13°22	23°49	17°26	M14
T 15	15 51 29	28°46'59	8♎14	28°41	0♋59	9°28	15° 2	28°39	5°46	16° 3	27° 1	12°32	13°19	23°55	17°22	T 15
W16	15 55 25	29°44'21	22°20	28° 8	2°10	10° 9	14°55	28°41	5°50	16° 3	27° 0	12°24	13°16	24° 2	17°18	W16
T 17	15 59 22	0♊41'41	6♏55	27°35	3°22	10°49	14°48	28°43	5°53	16° 3	26°58	12°15	13°12	24° 9	17°15	T 17
F 18	16 3 18	1°39'00	21°51	27° 3	4°33	11°29	14°41	28°45	5°57	16° 2	26°57	12° 5	13° 9	24°15	17°11	F 18
S 19	16 7 15	2°36'19	7♐ 1	26°33	5°44	12° 9	14°34	28°46	6° 0	16° 2	26°56	11°56	13° 6	24°22	17° 7	S 19
S 20	16 11 11	3°33'37	22°13	26° 5	6°56	12°49	14°27	28°48	6° 4	16° 2	26°54	11°47	13° 3	24°29	17° 3	S 20
M21	16 15 8	4°30'54	7♑19	25°40	8° 7	13°29	14°20	28°49	6° 8	16° 2	26°53	11°41	13° 0	24°35	16°59	M21
T 22	16 19 5	5°28'10	22° 8	25°18	9°18	14° 9	14°13	28°51	6°11	16° 2	26°51	11°38	12°56	24°42	16°56	T 22
W23	16 23 1	6°25'27	6♒35	24°59	10°29	14°49	14° 7	28°52	6°15	16° 1	26°50	11°D36	12°53	24°49	16°52	W23
T 24	16 26 58	7°22'42	20°38	24°44	11°40	15°29	14° 0	28°53	6°18	16° 1	26°49	11°36	12°50	24°56	16°48	T 24
F 25	16 30 54	8°19'57	4♓17	24°33	12°51	16° 9	13°54	28°54	6°22	16° 1	26°47	11°R37	12°47	25° 2	16°44	F 25
S 26	16 34 51	9°17'12	17°33	24°27	14° 2	16°49	13°47	28°55	6°25	16° 0	26°46	11°37	12°44	25° 9	16°40	S 26
S 27	16 38 47	10°14'27	0♈29	24°D25	15°13	17°29	13°41	28°56	6°29	16° 0	26°44	11°35	12°41	25°16	16°36	S 27
M28	16 42 44	11°11'41	13° 8	24°27	16°23	18° 9	13°35	28°57	6°32	15°59	26°43	11°31	12°37	25°22	16°32	M28
T 29	16 46 40	12° 8'55	25°34	24°34	17°34	18°49	13°29	28°58	6°36	15°59	26°42	11°24	12°34	25°29	16°28	T 29
W30	16 50 37	13° 6'09	7♉49	24°45	18°45	19°28	13°23	28°58	6°40	15°58	26°40	11°15	12°31	25°36	16°24	W30
T 31	16 54 34	14♊ 3'22	19♉56	25♉ 1	19♋55	20♊ 8	13♏18	28♒59	6♊43	15♒58	26♐39	11♒ 5	12♒28	25♊42	16♐20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n32	10n25	4n25	22n15	1n27	23n55	1n18	20n47	0n32	15s50	1n10	13s37	1s30	21n12	0s 2	16s32	0s25	20s 4	3n29	16s42	16s42	27n23	18s32	4n31
W 2	16 49	15 29	4 49	22 5	1 15	24 6	1 20	20 56	0 32	15 48	1 10	13 36	1 30	21 13	0 2	16 31	0 25	20 4	3 29	16 45	16 43	27 23	18 32	4 31
T 3	17 5	19 52	4 59	21 52	1 2	24 16	1 23	21 5	0 33	15 45	1 10	13 35	1 30	21 13	0 2	16 31	0 25	20 4	3 29	16 49	16 44	27 23	18 31	4 32
F 4	17 21	23 22	4 56	21 38	0 48	24 25	1 25	21 14	0 33	15 43	1 10	13 35	1 30	21 14	0 2	16 31	0 25	20 4	3 29	16 53	16 45	27 22	18 30	4 32
S 5	17 37	25 48	4 39	21 22	0 33	24 33	1 27	21 22	0 34	15 41	1 9	13 34	1 31	21 15	0 2	16 31	0 25	20 4	3 29	16 57	16 46	27 22	18 30	4 33
S 6	17 53	27 4	4 10	21 5	0 17	24 41	1 29	21 31	0 34	15 39	1 9	13 33	1 31	21 15	0 2	16 31	0 25	20 4	3 28	17 0	16 47	27 22	18 29	4 33
M 7	18 8	27 4	3 30	20 46	0 1	24 48	1 31	21 39	0 35	15 37	1 9	13 32	1 31	21 16	0 2	16 31	0 25	20 4	3 28	17 3	16 48	27 22	18 28	4 33
T 8	18 23	25 50	2 41	20 26	0s16	24 54	1 33	21 47	0 35	15 35	1 9	13 31	1 31	21 16	0 2	16 31	0 25	20 4	3 28	17 4	16 48	27 22	18 28	4 34
W 9	18 38	23 26	1 45	20 5	0 33	25 0	1 34	21 55	0 36	15 33	1 9	13 31	1 31	21 17	0 2	16 31	0 25	20 4	3 28	17 5	16 49	27 21	18 27	4 34
T 10	18 52	20 0	0 44	19 43	0 50	25 5	1 36	22 2	0 36	15 31	1 9	13 30	1 32	21 18	0 2	16 31	0 25	20 4	3 28	17 6	16 50	27 21	18 26	4 34
F 11	19 6	15 41	0s20	19 20	1 7	25 9	1 38	22 10	0 37	15 29	1 9	13 29	1 32	21 18	0 2	16 31	0 25	20 4	3 28	17 6	16 51	27 21	18 26	4 35
S 12	19 20	10 39	1 24	18 57	1 25	25 12	1 40	22 17	0 37	15 27	1 9	13 29	1 32	21 19	0 2	16 31	0 25	20 4	3 28	17 6	16 52	27 21	18 25	4 35
S 13	19 34	5 2	2 27	18 34	1 42	25 15	1 41	22 24	0 38	15 25	1 8	13 28	1 32	21 20	0 2	16 31	0 25	20 4	3 28	17 6	16 53	27 21	18 24	4 35
M14	19 47	0s57	3 23	18 10	1 58	25 17	1 43	22 31	0 38	15 23	1 8	13 28	1 33	21 20	0 2	16 31	0 26	20 4	3 28	17 7	16 54	27 20	18 24	4 36
T 15	20 0	7 6	4 10	17 47	2 15	25 18	1 44	22 38	0 39	15 21	1 8	13 27	1 33	21 21	0 2	16 31	0 26	20 4	3 28	17 8	16 55	27 20	18 23	4 36
W16	20 12	13 8	4 44	17 25	2 30	25 19	1 46	22 44	0 39	15 19	1 8	13 27	1 33	21 22	0 2	16 31	0 26	20 4	3 28	17 10	16 56	27 20	18 23	4 36
T 17	20 24	18 37	5 1	17 3	2 45	25 18	1 47	22 50	0 40	15 17	1 8	13 26	1 33	21 22	0 2	16 31	0 26	20 4	3 28	17 13	16 57	27 19	18 22	4 36
F 18	20 36	23 7	4 58	16 42	2 59	25 18	1 48	22 56	0 40	15 15	1 8	13 26	1 33	21 23	0 2	16 31	0 26	20 4	3 28	17 16	16 58	27 19	18 21	4 37
S 19	20 48	26 6	4 34	16 23	3 11	25 16	1 50	23 2	0 41	15 13	1 7	13 25	1 34	21 23	0 2	16 31	0 26	20 4	3 28	17 18	16 58	27 19	18 21	4 37
S 20	20 59	27 11	3 51	16 5	3 23	25 14	1 51	23 8	0 41	15 11	1 7	13 25	1 34	21 24	0 2	16 31	0 26	20 4	3 28	17 21	16 59	27 19	18 20	4 37
M21	21 9	26 13	2 52	15 49	3 34	25 11	1 52	23 14	0 41	15 9	1 7	13 25	1 34	21 25	0 2	16 31	0 26	20 4	3 28	17 22	17 0	27 18	18 19	4 38
T 22	21 20	23 25	1 42	15 35	3 43	25 7	1 53	23 19	0 42	15 8	1 7	13 25	1 34	21 25	0 2	16 32	0 26	20 4	3 28	17 23	17 1	27 18	18 19	4 38
W23	21 30	19 9	0 27	15 23	3 51	25 2	1 54	23 24	0 42	15 6	1 7	13 24	1 35	21 26	0 2	16 32	0 26	20 4	3 28	17 24	17 2	27 18	18 18	4 38
T 24	21 39	13 56	0n48	15 13	3 57	24 57	1 54	23 29	0 43	15 4	1 7	13 24	1 35	21 27	0 2	16 32	0 26	20 4	3 28	17 24	17 3	27 17	18 18	4 38
F 25	21 49	8 10	1 58	15 5	4 3	24 51	1 55	23 34	0 43	15 2	1 6	13 24	1 35	21 27	0 2	16 32	0 26	20 4	3 28	17 24	17 4	27 17	18 17	4 38
S 26	21 58	2 12	2 59	15 0	4 7	24 45	1 56	23 38	0 44	15 1	1 6	13 24	1 35	21 28	0 2	16 32	0 26	20 4	3 27	17 24	17 5	27 17	18 16	4 39
S 27	22 6	3n42	3 50	14 57	4 9	24 37	1 56	23 42	0 44	14 59	1 6	13 24	1 35	21 28	0 2	16 32	0 26	20 4	3 27	17 24	17 6	27 16	18 16	4 39
M28	22 14	9 20	4 28	14 56	4 11	24 29	1 57	23 46	0 44	14 57	1 6	13 24	1 36	21 29	0 2	16 32	0 26	20 4	3 27	17 25	17 7	27 16	18 15	4 39
T 29	22 22	14 29	4 53	14 57	4 11	24 21	1 57	23 50	0 45	14 56	1 6	13 24	1 36	21 30	0 2	16 33	0 26	20 4	3 27	17 27	17 7	27 16	18 15	4 39
W30	22 30	18 58	5 4	15 1	4 10	24 11	1 58	23 54	0 45	14 54	1 5	13 24	1 36	21 30	0 2	16 33	0 26	20 4	3 27	17 30	17 8	27 15	18 14	4 39
T 31	22n37	22n38	5n 1	15n 6	4s 8	24n 2	1n58	23n58	0n46	14s53	1n 5	13s24	1s36	21n31	0s 2	16s33	0s26	20s 4	3n27	17s32	17s 9	27n15	18s14	4n40

Julian Day Number = 2094463.5, Delta T = 22m38s
Ecliptic obliquity = 23°34'04, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'47, Lahiri = 10°13'48 Julian Calendar 1 May 1022 == Greg. Calendar 7 May 1022

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1022
geocentric

JUNE 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 58 30	15♊ 0'36	1♊56	25♉22	21♋ 6	20♊48	13°R12	28♒59	6♊47	15°R57	26°R37	10°R55	12♒25	25♊49	16°R16	F 1
S 2	17 2 27	15°57'49	13°50	25°47	22°16	21°28	13♏ 7	28°59	6°50	15♒57	26♐36	10♒45	12°22	25°56	16♐12	S 2
S 3	17 6 23	16°55'01	25°41	26°17	23°26	22° 7	13° 1	28°59	6°54	15°56	26°34	10°36	12°18	26° 2	16° 8	S 3
M 4	17 10 20	17°52'13	7♋30	26°52	24°37	22°47	12°56	28°R59	6°57	15°56	26°33	10°29	12°15	26° 9	16° 4	M 4
T 5	17 14 16	18°49'25	19°19	27°31	25°47	23°26	12°51	28°59	7° 1	15°55	26°31	10°24	12°12	26°16	16° 0	T 5
W 6	17 18 13	19°46'37	1♌11	28°14	26°57	24° 6	12°46	28°59	7° 4	15°54	26°30	10°22	12° 9	26°22	15°56	W 6
T 7	17 22 10	20°43'48	13° 9	29° 2	28° 7	24°45	12°42	28°59	7° 8	15°53	26°28	10°D21	12° 6	26°29	15°52	T 7
F 8	17 26 6	21°40'58	25°17	29°54	29°17	25°25	12°37	28°59	7°11	15°53	26°27	10°22	12° 2	26°36	15°48	F 8
S 9	17 30 3	22°38'09	7♍39	0♊50	0♌27	26° 4	12°33	28°58	7°15	15°52	26°25	10°24	11°59	26°43	15°44	S 9
S 10	17 33 59	23°35'18	20°21	1°50	1°37	26°44	12°28	28°58	7°18	15°51	26°24	10°R24	11°56	26°49	15°40	S 10
M11	17 37 56	24°32'28	3♎25	2°55	2°46	27°23	12°24	28°57	7°21	15°50	26°22	10°24	11°53	26°56	15°37	M11
T 12	17 41 52	25°29'37	16°56	4° 3	3°56	28° 3	12°20	28°56	7°25	15°49	26°21	10°22	11°50	27° 3	15°33	T 12
W13	17 45 49	26°26'45	0♏56	5°16	5° 5	28°42	12°17	28°56	7°28	15°48	26°19	10°18	11°47	27° 9	15°29	W13
T 14	17 49 45	27°23'54	15°24	6°32	6°15	29°21	12°13	28°55	7°32	15°47	26°18	10°13	11°43	27°16	15°25	T 14
F 15	17 53 42	28°21'03	0♐16	7°53	7°24	0♋ 1	12°10	28°54	7°35	15°47	26°16	10° 7	11°40	27°23	15°21	F 15
S 16	17 57 39	29°18'11	15°24	9°17	8°33	0°40	12° 6	28°53	7°38	15°46	26°15	10° 1	11°37	27°29	15°17	S 16
S 17	18 1 35	0♋15'19	0♑40	10°45	9°43	1°19	12° 3	28°51	7°42	15°45	26°13	9°56	11°34	27°36	15°14	S 17
M18	18 5 32	1°12'28	15°53	12°17	10°52	1°58	12° 0	28°50	7°45	15°44	26°12	9°53	11°31	27°43	15°10	M18
T 19	18 9 28	2° 9'37	0♒53	13°52	12° 1	2°37	11°58	28°49	7°49	15°42	26°10	9°51	11°28	27°49	15° 6	T 19
W20	18 13 25	3° 6'46	15°32	15°31	13° 9	3°17	11°55	28°47	7°52	15°41	26° 9	9°D51	11°24	27°56	15° 3	W20
T 21	18 17 21	4° 3'56	29°47	17°13	14°18	3°56	11°53	28°46	7°55	15°40	26° 7	9°52	11°21	28° 3	14°59	T 21
F 22	18 21 18	5° 1'06	13♓34	18°59	15°27	4°35	11°50	28°44	7°58	15°39	26° 6	9°53	11°18	28° 9	14°55	F 22
S 23	18 25 14	5°58'16	26°55	20°48	16°35	5°14	11°48	28°42	8° 2	15°38	26° 4	9°54	11°15	28°16	14°52	S 23
S 24	18 29 11	6°55'27	9♈53	22°40	17°44	5°53	11°46	28°40	8° 5	15°37	26° 3	9°R55	11°12	28°23	14°48	S 24
M25	18 33 8	7°52'39	22°31	24°35	18°52	6°32	11°45	28°38	8° 8	15°36	26° 1	9°54	11° 8	28°29	14°45	M25
T 26	18 37 4	8°49'52	4♉52	26°32	20° 0	7°11	11°43	28°36	8°11	15°34	26° 0	9°51	11° 5	28°36	14°41	T 26
W27	18 41 1	9°47'05	17° 1	28°31	21° 8	7°50	11°42	28°34	8°14	15°33	25°58	9°48	11° 2	28°43	14°38	W27
T 28	18 44 57	10°44'19	29° 1	0♋33	22°16	8°29	11°41	28°32	8°18	15°32	25°57	9°43	10°59	28°50	14°35	T 28
F 29	18 48 54	11°41'34	10♊54	2°36	23°24	9° 8	11°40	28°30	8°21	15°31	25°55	9°38	10°56	28°56	14°31	F 29
S 30	18 52 50	12♋38'49	22♊44	4♋41	24♌32	9♋47	11♏39	28♒27	8♊24	15♒29	25♐54	9♒34	10♒53	29♊ 3	14♐28	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n43	25n18	4n44	15n14	4s 5	23n51	1n58	24n 1	0n46	14s51	1n 5	13s24	1s37	21n31	0s 2	16s33	0s26	20s 4	3n27	17s35	17s10	27n15	18s13	4n40
S 2	22 49	26 49	4 16	15 24	4 2	23 40	1 58	24 4	0 47	14 50	1 5	13 24	1 37	21 32	0 2	16 33	0 26	20 5	3 27	17 38	17 11	27 14	18 12	4 40
S 3	22 55	27 6	3 36	15 35	3 57	23 28	1 58	24 7	0 47	14 48	1 4	13 24	1 37	21 33	0 2	16 33	0 26	20 5	3 27	17 40	17 12	27 14	18 12	4 40
M 4	23 1	26 8	2 47	15 49	3 51	23 15	1 58	24 9	0 47	14 47	1 4	13 24	1 37	21 33	0 2	16 34	0 26	20 5	3 27	17 42	17 13	27 13	18 11	4 40
T 5	23 6	24 0	1 51	16 4	3 44	23 2	1 58	24 12	0 48	14 46	1 4	13 25	1 38	21 34	0 2	16 34	0 26	20 5	3 27	17 44	17 14	27 13	18 11	4 40
W 6	23 10	20 48	0 49	16 21	3 37	22 48	1 58	24 14	0 48	14 45	1 4	13 25	1 38	21 34	0 2	16 34	0 26	20 5	3 27	17 44	17 15	27 12	18 10	4 40
T 7	23 14	16 43	0s15	16 39	3 29	22 34	1 57	24 16	0 49	14 43	1 4	13 25	1 38	21 35	0 2	16 34	0 26	20 5	3 27	17 44	17 16	27 12	18 10	4 40
F 8	23 18	11 55	1 20	16 58	3 20	22 19	1 57	24 18	0 49	14 42	1 3	13 25	1 38	21 36	0 2	16 35	0 26	20 5	3 26	17 44	17 16	27 12	18 9	4 41
S 9	23 22	6 33	2 22	17 19	3 11	22 3	1 56	24 20	0 49	14 41	1 3	13 26	1 38	21 36	0 2	16 35	0 26	20 5	3 26	17 44	17 17	27 11	18 9	4 41
S 10	23 25	0 48	3 19	17 41	3 1	21 47	1 55	24 21	0 50	14 40	1 3	13 26	1 39	21 37	0 2	16 35	0 26	20 5	3 26	17 44	17 18	27 11	18 8	4 41
M11	23 27	5s 9	4 8	18 4	2 51	21 30	1 55	24 23	0 50	14 39	1 3	13 27	1 39	21 37	0 2	16 35	0 26	20 5	3 26	17 44	17 19	27 10	18 8	4 41
T 12	23 29	11 3	4 44	18 27	2 40	21 13	1 54	24 24	0 50	14 38	1 2	13 27	1 39	21 38	0 2	16 36	0 26	20 5	3 26	17 44	17 20	27 10	18 7	4 41
W13	23 31	16 37	5 5	18 51	2 29	20 55	1 53	24 25	0 51	14 37	1 2	13 28	1 39	21 39	0 2	16 36	0 26	20 5	3 26	17 45	17 21	27 9	18 7	4 41
T 14	23 32	21 27	5 8	19 16	2 17	20 37	1 52	24 25	0 51	14 36	1 2	13 28	1 40	21 39	0 2	16 36	0 26	20 5	3 26	17 47	17 22	27 9	18 6	4 41
F 15	23 33	25 3	4 51	19 41	2 5	20 18	1 51	24 26	0 52	14 35	1 2	13 29	1 40	21 40	0 2	16 37	0 26	20 5	3 26	17 48	17 23	27 8	18 6	4 41
S 16	23 34	26 57	4 13	20 6	1 53	19 59	1 49	24 26	0 52	14 35	1 1	13 29	1 40	21 40	0 2	16 37	0 26	20 5	3 26	17 50	17 24	27 8	18 6	4 41
S 17	23 34	26 51	3 17	20 31	1 41	19 39	1 48	24 26	0 52	14 34	1 1	13 30	1 40	21 41	0 2	16 37	0 26	20 5	3 26	17 51	17 24	27 7	18 5	4 41
M18	23 34	24 43	2 7	20 56	1 28	19 19	1 47	24 26	0 53	14 33	1 1	13 31	1 41	21 41	0 2	16 38	0 26	20 5	3 25	17 52	17 25	27 7	18 5	4 41
T 19	23 33	20 51	0 49	21 20	1 15	18 58	1 45	24 26	0 53	14 33	1 1	13 31	1 41	21 42	0 2	16 38	0 26	20 5	3 25	17 53	17 26	27 6	18 4	4 41
W20	23 32	15 46	0n31	21 44	1 3	18 36	1 43	24 25	0 53	14 32	1 0	13 32	1 41	21 42	0 2	16 38	0 26	20 6	3 25	17 53	17 27	27 6	18 4	4 41
T 21	23 30	9 57	1 47	22 7	0 50	18 15	1 42	24 24	0 54	14 32	1 0	13 33	1 41	21 43	0 2	16 39	0 26	20 6	3 25	17 52	17 28	27 5	18 4	4 41
F 22	23 28	3 49	2 54	22 29	0 38	17 53	1 40	24 23	0 54	14 31	1 0	13 34	1 41	21 44	0 2	16 39	0 26	20 6	3 25	17 52	17 29	27 5	18 3	4 41
S 23	23 26	2n16	3 49	22 50	0 25	17 30	1 38	24 22	0 55	14 31	1 0	13 34	1 42	21 44	0 2	16 39	0 26	20 6	3 25	17 52	17 30	27 4	18 3	4 41
S 24	23 23	8 5	4 31	23 9	0 13	17 7	1 36	24 21	0 55	14 30	0 59	13 35	1 42	21 45	0 2	16 40	0 26	20 6	3 25	17 52	17 31	27 4	18 2	4 41
M25	23 20	13 25	4 58	23 26	0 1	16 44	1 33	24 19	0 55	14 30	0 59	13 36	1 42	21 45	0 2	16 40	0 27	20 6	3 25	17 52	17 31	27 3	18 2	4 41
T 26	23 16	18 6	5 11	23 42	0n10	16 20	1 31	24 18	0 56	14 30	0 59	13 37	1 42	21 46	0 2	16 40	0 27	20 6	3 24	17 53	17 32	27 2	18 2	4 41
W27	23 12	21 57	5 10	23 55	0 22	15 56	1 29	24 16	0 56	14 30	0 59	13 38	1 42	21 46	0 2	16 41	0 27	20 6	3 24	17 53	17 33	27 2	18 1	4 41
T 28	23 8	24 50	4 55	24 6	0 32	15 31	1 26	24 14	0 56	14 30	0 58	13 39	1 43	21 47	0 2	16 41	0 27	20 6	3 24	17 55	17 34	27 1	18 1	4 41
F 29	23 3	26 37	4 28	24 15	0 42	15 6	1 24	24 11	0 57	14 30	0 58	13 40	1 43	21 47	0 2	16 42	0 27	20 6	3 24	17 56	17 35	27 1	18 1	4 41
S 30	22n58	27n10	3n49	24n21	0n52	14n41	1n21	24n 9	0n57	14s30	0n58	13s41	1s43	21n48	0s 2	16s42	0s27	20s 6	3n24	17s57	17s36	27n 0	18s 1	4n41

Julian Day Number = 2094494.5, Delta T = 22m38s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'51, Lahiri = 10°13'52 Julian Calendar 1 June 1022 == Greg. Calendar 7 June 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

JULY 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 56 47	13♋36'05	4♋34	6♋47	25♌39	10♋26	11°R38	28°R25	8♊27	15°R28	25°R53	9°R30	10♒49	29♊10	14°R25	S 1
M 2	19 0 43	14°33'22	16°24	8°54	26°47	11° 5	11♏38	28♒22	8°30	15♒27	25♐51	9♒27	10°46	29°16	14♐22	M 2
T 3	19 4 40	15°30'39	28°17	11° 1	27°54	11°44	11°38	28°20	8°33	15°25	25°50	9°25	10°43	29°23	14°19	T 3
W 4	19 8 37	16°27'57	10♌16	13° 9	29° 1	12°22	11°D38	28°17	8°36	15°24	25°48	9°D24	10°40	29°30	14°16	W 4
T 5	19 12 33	17°25'15	22°22	15°16	0♍ 8	13° 1	11°38	28°14	8°39	15°23	25°47	9°25	10°37	29°36	14°13	T 5
F 6	19 16 30	18°22'34	4♍38	17°23	1°15	13°40	11°38	28°11	8°42	15°21	25°46	9°26	10°34	29°43	14°10	F 6
S 7	19 20 26	19°19'54	17° 8	19°29	2°22	14°19	11°39	28° 8	8°45	15°20	25°44	9°28	10°30	29°50	14° 7	S 7
S 8	19 24 23	20°17'14	29°54	21°35	3°29	14°57	11°39	28° 5	8°48	15°18	25°43	9°29	10°27	29°56	14° 4	S 8
M 9	19 28 19	21°14'34	12♎59	23°39	4°35	15°36	11°40	28° 2	8°50	15°17	25°42	9°30	10°24	0♋ 3	14° 1	M 9
T 10	19 32 16	22°11'55	26°27	25°43	5°41	16°15	11°41	27°59	8°53	15°15	25°40	9°R30	10°21	0°10	13°59	T 10
W11	19 36 12	23° 9'17	10♏18	27°45	6°47	16°54	11°43	27°55	8°56	15°14	25°39	9°29	10°18	0°16	13°56	W11
T 12	19 40 9	24° 6'39	24°33	29°46	7°53	17°32	11°44	27°52	8°59	15°12	25°38	9°28	10°14	0°23	13°54	T 12
F 13	19 44 6	25° 4'02	9♐10	1♌46	8°59	18°11	11°46	27°49	9° 2	15°11	25°36	9°27	10°11	0°30	13°51	F 13
S 14	19 48 2	26° 1'26	24° 3	3°44	10° 5	18°49	11°47	27°45	9° 4	15° 9	25°35	9°25	10° 8	0°36	13°49	S 14
S 15	19 51 59	26°58'51	9♑ 7	5°41	11°10	19°28	11°49	27°42	9° 7	15° 8	25°34	9°24	10° 5	0°43	13°47	S 15
M16	19 55 55	27°56'17	24°12	7°36	12°15	20° 7	11°51	27°38	9° 9	15° 6	25°33	9°23	10° 2	0°50	13°44	M16
T 17	19 59 52	28°53'43	9♒ 9	9°30	13°20	20°45	11°54	27°34	9°12	15° 5	25°31	9°D22	9°59	0°56	13°42	T 17
W18	20 3 48	29°51'11	23°51	11°22	14°25	21°24	11°56	27°31	9°15	15° 3	25°30	9°23	9°55	1° 3	13°40	W18
T 19	20 7 45	0♌48'40	8♓11	13°13	15°30	22° 2	11°59	27°27	9°17	15° 2	25°29	9°23	9°52	1°10	13°38	T 19
F 20	20 11 42	1°46'10	22° 6	15° 2	16°34	22°41	12° 2	27°23	9°20	15° 0	25°28	9°24	9°49	1°16	13°36	F 20
S 21	20 15 38	2°43'41	5♈34	16°50	17°38	23°19	12° 5	27°19	9°22	14°59	25°27	9°25	9°46	1°23	13°34	S 21
S 22	20 19 35	3°41'14	18°37	18°36	18°42	23°58	12° 8	27°15	9°24	14°57	25°26	9°25	9°43	1°30	13°32	S 22
M23	20 23 31	4°38'49	1♉18	20°20	19°46	24°36	12°11	27°11	9°27	14°55	25°25	9°R25	9°40	1°36	13°31	M23
T 24	20 27 28	5°36'25	13°40	22° 3	20°50	25°15	12°15	27° 7	9°29	14°54	25°24	9°25	9°36	1°43	13°29	T 24
W25	20 31 24	6°34'02	25°47	23°45	21°53	25°53	12°18	27° 3	9°32	14°52	25°23	9°25	9°33	1°50	13°27	W25
T 26	20 35 21	7°31'42	7♊45	25°25	22°56	26°31	12°22	26°59	9°34	14°50	25°21	9°25	9°30	1°56	13°26	T 26
F 27	20 39 17	8°29'22	19°36	27° 3	23°59	27°10	12°26	26°55	9°36	14°49	25°20	9°25	9°27	2° 3	13°25	F 27
S 28	20 43 14	9°27'05	1♋25	28°40	25° 2	27°48	12°31	26°50	9°38	14°47	25°19	9°D25	9°24	2°10	13°23	S 28
S 29	20 47 11	10°24'49	13°15	0♍16	26° 4	28°27	12°35	26°46	9°40	14°46	25°19	9°25	9°20	2°17	13°22	S 29
M30	20 51 7	11°22'34	25°10	1°50	27° 6	29° 5	12°39	26°42	9°42	14°44	25°18	9°25	9°17	2°23	13°21	M30
T 31	20 55 4	12♌20'21	7♌11	3♍23	28♍ 8	29♋43	12♏44	26♒38	9♊44	14♒42	25♐17	9°R25	9♒14	2♋30	13♐20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n52	26n29	3n 0	24n24	1n 0	14n16	1n18	24n 6	0n57	14s30	0n57	13s42	1s43	21n48	0s 2	16s42	0s27	20s 6	3n24	17s58	17s37	26n59	18s 0	4n41
M 2	22 46	24 36	2 3	24 24	1 8	13 50	1 15	24 3	0 58	14 30	0 57	13 43	1 44	21 49	0 2	16 43	0 27	20 7	3 24	17 59	17 38	26 59	18 0	4 41
T 3	22 40	21 36	1 1	24 22	1 16	13 24	1 12	24 0	0 58	14 30	0 57	13 44	1 44	21 49	0 2	16 43	0 27	20 7	3 24	18 0	17 38	26 58	18 0	4 41
W 4	22 33	17 41	0s 5	24 17	1 22	12 57	1 9	23 57	0 58	14 30	0 57	13 46	1 44	21 50	0 2	16 44	0 27	20 7	3 23	18 0	17 39	26 58	17 59	4 40
T 5	22 26	13 1	1 11	24 9	1 28	12 31	1 6	23 54	0 58	14 31	0 56	13 47	1 44	21 50	0 2	16 44	0 27	20 7	3 23	18 0	17 40	26 57	17 59	4 40
F 6	22 18	7 46	2 15	23 58	1 33	12 4	1 3	23 50	0 59	14 31	0 56	13 48	1 44	21 51	0 2	16 45	0 27	20 7	3 23	17 59	17 41	26 56	17 59	4 40
S 7	22 10	2 8	3 13	23 45	1 37	11 36	0 59	23 46	0 59	14 31	0 56	13 49	1 45	21 51	0 2	16 45	0 27	20 7	3 23	17 59	17 42	26 56	17 59	4 40
S 8	22 2	3s41	4 4	23 29	1 41	11 9	0 56	23 42	0 59	14 32	0 56	13 50	1 45	21 51	0 2	16 46	0 27	20 7	3 23	17 58	17 43	26 55	17 59	4 40
M 9	21 53	9 30	4 43	23 11	1 44	10 41	0 52	23 38	1 0	14 32	0 55	13 52	1 45	21 52	0 2	16 46	0 27	20 7	3 23	17 58	17 44	26 54	17 58	4 40
T 10	21 44	15 2	5 8	22 51	1 46	10 13	0 48	23 34	1 0	14 33	0 55	13 53	1 45	21 52	0 2	16 46	0 27	20 7	3 22	17 58	17 44	26 54	17 58	4 40
W11	21 34	19 59	5 16	22 28	1 47	9 45	0 44	23 29	1 0	14 33	0 55	13 54	1 45	21 53	0 2	16 47	0 27	20 7	3 22	17 58	17 45	26 53	17 58	4 40
T 12	21 24	23 56	5 5	22 4	1 48	9 17	0 41	23 25	1 1	14 34	0 55	13 56	1 45	21 53	0 2	16 47	0 27	20 8	3 22	17 59	17 46	26 52	17 58	4 39
F 13	21 14	26 28	4 35	21 37	1 48	8 48	0 37	23 20	1 1	14 35	0 54	13 57	1 46	21 54	0 2	16 48	0 27	20 8	3 22	17 59	17 47	26 51	17 58	4 39
S 14	21 3	27 11	3 45	21 9	1 47	8 20	0 32	23 15	1 1	14 36	0 54	13 58	1 46	21 54	0 2	16 48	0 27	20 8	3 22	18 0	17 48	26 51	17 58	4 39
S 15	20 52	25 55	2 40	20 39	1 46	7 51	0 28	23 10	1 2	14 37	0 54	14 0	1 46	21 54	0 2	16 49	0 27	20 8	3 22	18 0	17 49	26 50	17 58	4 39
M16	20 41	22 45	1 23	20 8	1 44	7 22	0 24	23 4	1 2	14 37	0 54	14 1	1 46	21 55	0 2	16 49	0 27	20 8	3 22	18 0	17 50	26 49	17 58	4 39
T 17	20 29	18 5	0 1	19 36	1 41	6 53	0 19	22 59	1 2	14 38	0 53	14 3	1 46	21 55	0 2	16 50	0 27	20 8	3 21	18 0	17 51	26 49	17 57	4 39
W18	20 17	12 24	1n19	19 2	1 38	6 24	0 15	22 53	1 2	14 39	0 53	14 4	1 46	21 56	0 2	16 50	0 27	20 8	3 21	18 0	17 51	26 48	17 57	4 38
T 19	20 5	6 11	2 33	18 28	1 35	5 54	0 10	22 47	1 3	14 40	0 53	14 5	1 47	21 56	0 2	16 51	0 27	20 8	3 21	18 0	17 52	26 47	17 57	4 38
F 20	19 52	0n 9	3 35	17 52	1 31	5 25	0 6	22 41	1 3	14 42	0 53	14 7	1 47	21 56	0 2	16 51	0 27	20 9	3 21	18 0	17 53	26 46	17 57	4 38
S 21	19 39	6 15	4 24	17 15	1 27	4 55	0 1	22 35	1 3	14 43	0 52	14 8	1 47	21 57	0 2	16 52	0 27	20 9	3 21	18 0	17 54	26 46	17 57	4 38
S 22	19 26	11 54	4 57	16 38	1 22	4 26	0s 4	22 28	1 3	14 44	0 52	14 10	1 47	21 57	0 2	16 52	0 27	20 9	3 21	18 0	17 55	26 45	17 57	4 38
M23	19 12	16 53	5 14	16 0	1 17	3 56	0 9	22 22	1 4	14 45	0 52	14 11	1 47	21 58	0 2	16 53	0 27	20 9	3 20	17 59	17 56	26 44	17 57	4 37
T 24	18 58	21 3	5 16	15 22	1 11	3 26	0 14	22 15	1 4	14 47	0 52	14 13	1 47	21 58	0 2	16 53	0 27	20 9	3 20	17 59	17 56	26 43	17 57	4 37
W25	18 44	24 14	5 5	14 43	1 6	2 57	0 19	22 8	1 4	14 48	0 51	14 15	1 48	21 58	0 2	16 54	0 27	20 9	3 20	18 0	17 57	26 42	17 57	4 37
T 26	18 29	26 19	4 40	14 3	0 59	2 27	0 24	22 1	1 5	14 49	0 51	14 16	1 48	21 59	0 2	16 54	0 27	20 9	3 20	18 0	17 58	26 42	17 57	4 37
F 27	18 14	27 11	4 3	13 23	0 53	1 57	0 30	21 54	1 5	14 51	0 51	14 18	1 48	21 59	0 2	16 55	0 27	20 10	3 20	18 0	17 59	26 41	17 57	4 37
S 28	17 59	26 49	3 16	12 43	0 46	1 27	0 35	21 46	1 5	14 52	0 51	14 19	1 48	21 59	0 2	16 55	0 27	20 10	3 20	18 0	18 0	26 40	17 57	4 36
S 29	17 43	25 14	2 20	12 3	0 39	0 57	0 41	21 39	1 5	14 54	0 50	14 21	1 48	22 0	0 2	16 55	0 27	20 10	3 19	18 0	18 1	26 39	17 58	4 36
M30	17 28	22 30	1 18	11 22	0 32	0 27	0 46	21 31	1 6	14 55	0 50	14 23	1 48	22 0	0 2	16 56	0 27	20 10	3 19	18 0	18 2	26 38	17 58	4 36
T 31	17n11	18n47	0n12	10n42	0n24	0s 3	0s52	21n23	1n 6	14s57	0n50	14s24	1s48	22n 0	0s 2	16s56	0s27	20s10	3n19	18s 0	18s 2	26n38	17s58	4n36

Julian Day Number = 2094524.5, Delta T = 22m38s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°06'56, Lahiri = 10°13'56 Julian Calendar 1 July 1022 == Greg. Calendar 7 July 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

AUGUST 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 59 0	13♌18'09	19♌20	4♍54	29♍ 9	0♌21	12♏49	26°R33	9♊46	14°R41	25°R16	9°R25	9♒11	2♋37	13°R19	W 1
T 2	21 2 57	14°15'59	1♍41	6°24	0♎10	1° 0	12°54	26♒29	9°48	14♒39	25♐15	9♒24	9° 8	2°43	13♐18	T 2
F 3	21 6 53	15°13'50	14°12	7°52	1°11	1°38	12°59	26°24	9°50	14°37	25°14	9°24	9° 5	2°50	13°17	F 3
S 4	21 10 50	16°11'42	26°57	9°19	2°12	2°16	13° 4	26°20	9°52	14°36	25°13	9°23	9° 1	2°57	13°16	S 4
S 5	21 14 46	17° 9'36	9♎57	10°44	3°12	2°55	13°10	26°15	9°54	14°34	25°12	9°22	8°58	3° 3	13°16	S 5
M 6	21 18 43	18° 7'31	23°11	12° 8	4°12	3°33	13°15	26°11	9°56	14°32	25°12	9°21	8°55	3°10	13°15	M 6
T 7	21 22 40	19° 5'28	6♏42	13°30	5°12	4°11	13°21	26° 6	9°58	14°31	25°11	9°21	8°52	3°17	13°15	T 7
W 8	21 26 36	20° 3'26	20°30	14°51	6°11	4°49	13°27	26° 2	9°59	14°29	25°10	9°D20	8°49	3°23	13°14	W 8
T 9	21 30 33	21° 1'25	4♐34	16°10	7°10	5°27	13°33	25°57	10° 1	14°28	25°10	9°21	8°46	3°30	13°14	T 9
F 10	21 34 29	21°59'26	18°54	17°27	8° 8	6° 6	13°39	25°53	10° 3	14°26	25° 9	9°21	8°42	3°37	13°14	F 10
S 11	21 38 26	22°57'28	3♑26	18°43	9° 6	6°44	13°46	25°48	10° 4	14°24	25° 8	9°22	8°39	3°43	13°14	S 11
S 12	21 42 22	23°55'32	18° 7	19°57	10° 4	7°22	13°52	25°43	10° 6	14°23	25° 8	9°23	8°36	3°50	13°D14	S 12
M13	21 46 19	24°53'37	2♒51	21° 9	11° 1	8° 0	13°59	25°39	10° 7	14°21	25° 7	9°R24	8°33	3°57	13°14	M13
T 14	21 50 15	25°51'43	17°31	22°19	11°58	8°38	14° 6	25°34	10° 9	14°20	25° 7	9°24	8°30	4° 3	13°14	T 14
W15	21 54 12	26°49'52	2♓ 2	23°27	12°54	9°16	14°13	25°30	10°10	14°18	25° 6	9°23	8°26	4°10	13°14	W15
T 16	21 58 9	27°48'02	16°16	24°33	13°50	9°54	14°20	25°25	10°11	14°16	25° 5	9°21	8°23	4°17	13°14	T 16
F 17	22 2 5	28°46'14	0♈10	25°36	14°45	10°32	14°27	25°21	10°13	14°15	25° 5	9°19	8°20	4°23	13°15	F 17
S 18	22 6 2	29°44'28	13°40	26°37	15°40	11°10	14°34	25°16	10°14	14°13	25° 5	9°16	8°17	4°30	13°15	S 18
S 19	22 9 58	0♍42'43	26°47	27°36	16°34	11°48	14°42	25°11	10°15	14°12	25° 4	9°13	8°14	4°37	13°16	S 19
M20	22 13 55	1°41'01	9♉31	28°32	17°28	12°26	14°49	25° 7	10°16	14°10	25° 4	9°11	8°11	4°43	13°16	M20
T 21	22 17 51	2°39'22	21°55	29°25	18°21	13° 4	14°57	25° 2	10°17	14° 9	25° 3	9° 9	8° 7	4°50	13°17	T 21
W22	22 21 48	3°37'44	4♊ 4	0♎15	19°14	13°42	15° 5	24°58	10°18	14° 7	25° 3	9°D 9	8° 4	4°57	13°18	W22
T 23	22 25 44	4°36'09	16° 1	1° 2	20° 6	14°20	15°13	24°53	10°19	14° 6	25° 3	9° 9	8° 1	5° 3	13°19	T 23
F 24	22 29 41	5°34'35	27°52	1°46	20°57	14°58	15°21	24°49	10°20	14° 4	25° 3	9°11	7°58	5°10	13°20	F 24
S 25	22 33 38	6°33'04	9♋41	2°25	21°48	15°36	15°30	24°44	10°21	14° 3	25° 2	9°12	7°55	5°17	13°21	S 25
S 26	22 37 34	7°31'35	21°33	3° 0	22°38	16°14	15°38	24°40	10°22	14° 1	25° 2	9°14	7°51	5°23	13°22	S 26
M27	22 41 31	8°30'09	3♌33	3°32	23°27	16°52	15°46	24°36	10°23	14° 0	25° 2	9°R15	7°48	5°30	13°24	M27
T 28	22 45 27	9°28'44	15°42	3°58	24°16	17°30	15°55	24°31	10°24	13°58	25° 2	9°15	7°45	5°37	13°25	T 28
W29	22 49 24	10°27'21	28° 5	4°19	25° 4	18° 8	16° 4	24°27	10°24	13°57	25° 2	9°14	7°42	5°43	13°26	W29
T 30	22 53 20	11°26'00	10♍42	4°35	25°51	18°46	16°13	24°23	10°25	13°55	25° 2	9°11	7°39	5°50	13°28	T 30
F 31	22 57 17	12♍24'42	23♍35	4♎46	26♎37	19♌24	16♏22	24♒18	10♊26	13♒54	25♐ 1	9♒ 6	7♒36	5♋57	13♐29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	☊	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n55	14n14	0s55	10n 1	0n16	0s32	0s58	21n15	1n 6	14s59	0n50	14s26	1s48	22n 1	0s 2	16s57	0s27	20s10	3n19	18s 0	18s 3	26n37	17s58	4n35
T 2	16 38	9 4	2 0	9 21	0 8	1 2	1 3	21 7	1 6	15 1	0 49	14 27	1 49	22 1	0 2	16 57	0 27	20 10	3 19	18 0	18 4	26 36	17 58	4 35
F 3	16 21	3 28	3 1	8 40	0 0	1 32	1 9	20 59	1 7	15 2	0 49	14 29	1 49	22 1	0 2	16 58	0 27	20 11	3 18	18 0	18 5	26 35	17 58	4 35
S 4	16 4	2s22	3 54	8 0	0s 8	2 2	1 15	20 51	1 7	15 4	0 49	14 31	1 49	22 2	0 1	16 58	0 27	20 11	3 18	18 0	18 6	26 34	17 58	4 35
S 5	15 47	8 11	4 36	7 20	0 16	2 31	1 21	20 42	1 7	15 6	0 49	14 32	1 49	22 2	0 1	16 59	0 27	20 11	3 18	18 0	18 7	26 33	17 58	4 34
M 6	15 29	13 46	5 4	6 40	0 25	3 1	1 27	20 33	1 7	15 8	0 48	14 34	1 49	22 2	0 1	16 59	0 27	20 11	3 18	18 1	18 7	26 32	17 59	4 34
T 7	15 11	18 48	5 16	6 0	0 34	3 30	1 33	20 24	1 8	15 10	0 48	14 36	1 49	22 2	0 1	17 0	0 27	20 11	3 18	18 1	18 8	26 32	17 59	4 34
W 8	14 52	22 57	5 11	5 21	0 43	3 59	1 40	20 15	1 8	15 12	0 48	14 37	1 49	22 3	0 1	17 0	0 27	20 11	3 18	18 1	18 9	26 31	17 59	4 34
T 9	14 34	25 52	4 47	4 42	0 52	4 29	1 46	20 6	1 8	15 14	0 48	14 39	1 49	22 3	0 1	17 1	0 27	20 11	3 17	18 1	18 10	26 30	17 59	4 33
F 10	14 15	27 10	4 5	4 3	1 1	4 58	1 52	19 57	1 8	15 16	0 48	14 40	1 49	22 3	0 1	17 1	0 27	20 12	3 17	18 0	18 11	26 29	18 0	4 33
S 11	13 56	26 38	3 6	3 25	1 10	5 27	1 59	19 48	1 8	15 18	0 47	14 42	1 49	22 3	0 1	17 2	0 27	20 12	3 17	18 0	18 12	26 28	18 0	4 33
S 12	13 37	24 14	1 55	2 48	1 19	5 55	2 5	19 38	1 9	15 20	0 47	14 44	1 50	22 4	0 1	17 2	0 27	20 12	3 17	18 0	18 13	26 27	18 0	4 33
M13	13 18	20 13	0 36	2 11	1 28	6 24	2 12	19 28	1 9	15 23	0 47	14 45	1 50	22 4	0 1	17 3	0 27	20 12	3 17	18 0	18 13	26 26	18 0	4 32
T 14	12 58	14 57	0n45	1 35	1 37	6 52	2 18	19 19	1 9	15 25	0 47	14 47	1 50	22 4	0 1	17 3	0 27	20 12	3 16	18 0	18 14	26 25	18 1	4 32
W15	12 38	8 55	2 2	1 0	1 46	7 21	2 25	19 9	1 9	15 27	0 46	14 49	1 50	22 4	0 1	17 4	0 27	20 13	3 16	18 0	18 15	26 24	18 1	4 32
T 16	12 18	2 32	3 10	0 25	1 55	7 49	2 32	18 59	1 10	15 29	0 46	14 50	1 50	22 4	0 1	17 4	0 27	20 13	3 16	18 1	18 16	26 23	18 1	4 31
F 17	11 58	3n48	4 5	0s 9	2 4	8 16	2 38	18 48	1 10	15 32	0 46	14 52	1 50	22 5	0 1	17 5	0 27	20 13	3 16	18 1	18 17	26 22	18 2	4 31
S 18	11 37	9 47	4 44	0 41	2 13	8 44	2 45	18 38	1 10	15 34	0 46	14 53	1 50	22 5	0 1	17 5	0 27	20 13	3 16	18 2	18 18	26 21	18 2	4 31
S 19	11 17	15 9	5 8	1 13	2 22	9 11	2 52	18 28	1 10	15 36	0 46	14 55	1 50	22 5	0 1	17 6	0 27	20 13	3 15	18 3	18 18	26 20	18 2	4 31
M20	10 56	19 42	5 15	1 43	2 31	9 38	2 59	18 17	1 10	15 39	0 45	14 57	1 50	22 5	0 1	17 6	0 27	20 13	3 15	18 3	18 19	26 19	18 3	4 30
T 21	10 35	23 17	5 7	2 12	2 39	10 5	3 6	18 7	1 11	15 41	0 45	14 58	1 50	22 5	0 1	17 7	0 27	20 14	3 15	18 4	18 20	26 18	18 3	4 30
W22	10 14	25 45	4 46	2 40	2 48	10 32	3 13	17 56	1 11	15 44	0 45	15 0	1 50	22 5	0 1	17 7	0 27	20 14	3 15	18 4	18 21	26 17	18 3	4 30
T 23	9 52	27 0	4 12	3 6	2 56	10 58	3 20	17 45	1 11	15 46	0 45	15 1	1 50	22 6	0 1	17 7	0 27	20 14	3 15	18 4	18 22	26 16	18 4	4 30
F 24	9 31	27 1	3 28	3 31	3 4	11 24	3 26	17 34	1 11	15 49	0 45	15 3	1 50	22 6	0 1	17 8	0 27	20 14	3 14	18 3	18 22	26 15	18 4	4 29
S 25	9 9	25 48	2 35	3 54	3 12	11 50	3 33	17 23	1 11	15 52	0 44	15 4	1 50	22 6	0 1	17 8	0 27	20 14	3 14	18 3	18 23	26 14	18 4	4 29
S 26	8 47	23 24	1 36	4 14	3 19	12 15	3 40	17 11	1 12	15 54	0 44	15 6	1 50	22 6	0 1	17 9	0 27	20 15	3 14	18 2	18 24	26 13	18 5	4 29
M27	8 26	19 58	0 31	4 33	3 26	12 40	3 47	17 0	1 12	15 57	0 44	15 7	1 50	22 6	0 1	17 9	0 27	20 15	3 14	18 2	18 25	26 12	18 5	4 28
T 28	8 3	15 39	0s35	4 49	3 32	13 5	3 55	16 49	1 12	16 0	0 44	15 9	1 50	22 6	0 1	17 10	0 27	20 15	3 14	18 2	18 26	26 11	18 6	4 28
W29	7 41	10 37	1 41	5 3	3 37	13 29	4 2	16 37	1 12	16 2	0 44	15 10	1 50	22 6	0 1	17 10	0 27	20 15	3 13	18 3	18 27	26 10	18 6	4 28
T 30	7 19	5 4	2 43	5 14	3 42	13 53	4 9	16 25	1 12	16 5	0 43	15 12	1 50	22 6	0 1	17 10	0 27	20 15	3 13	18 3	18 27	26 9	18 7	4 28
F 31	6n56	0s47	3s39	5s22	3s47	14s17	4s16	16n14	1n12	16s 8	0n43	15s13	1s50	22n 7	0s 1	17s11	0s27	20s16	3n13	18s 5	18s28	26n 8	18s 7	4n27

Julian Day Number = 2094555.5, Delta T = 22m37s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'00, Lahiri = 10°14'00 Julian Calendar 1 Aug. 1022 == Greg. Calendar 7 Aug. 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

SEPTEMBER 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 1 13	13♍23'25	6♎42	4°R50	27♎22	20♌ 2	16♏31	24°R14	10♊26	13°R52	25°D 1	9°R 1	7♒32	6♋ 3	13♐31	S 1
S 2	23 5 10	14°22'10	20° 4	4♎47	28° 7	20°40	16°40	24♒10	10°27	13♒51	25♐ 1	8♒55	7°29	6°10	13°33	S 2
M 3	23 9 6	15°20'57	3♏38	4°38	28°51	21°18	16°49	24° 6	10°27	13°50	25° 1	8°49	7°26	6°17	13°35	M 3
T 4	23 13 3	16°19'46	17°23	4°22	29°33	21°56	16°59	24° 2	10°27	13°48	25° 2	8°45	7°23	6°23	13°37	T 4
W 5	23 17 0	17°18'37	1♐17	3°58	0♏15	22°33	17° 8	23°58	10°28	13°47	25° 2	8°42	7°20	6°30	13°39	W 5
T 6	23 20 56	18°17'29	15°19	3°27	0°55	23°11	17°18	23°54	10°28	13°46	25° 2	8°D41	7°17	6°37	13°41	T 6
F 7	23 24 53	19°16'24	29°28	2°49	1°35	23°49	17°28	23°50	10°28	13°45	25° 2	8°41	7°13	6°43	13°43	F 7
S 8	23 28 49	20°15'20	13♑41	2° 3	2°13	24°27	17°38	23°46	10°28	13°43	25° 2	8°43	7°10	6°50	13°45	S 8
S 9	23 32 46	21°14'17	27°58	1°11	2°51	25° 5	17°47	23°42	10°28	13°42	25° 2	8°44	7° 7	6°57	13°48	S 9
M10	23 36 42	22°13'17	12♒16	0°13	3°27	25°43	17°58	23°38	10°28	13°41	25° 3	8°R44	7° 4	7° 3	13°50	M10
T 11	23 40 39	23°12'18	26°30	29♍10	4° 1	26°20	18° 8	23°35	10°R28	13°40	25° 3	8°43	7° 1	7°10	13°53	T 11
W12	23 44 35	24°11'22	10♓38	28° 3	4°35	26°58	18°18	23°31	10°28	13°39	25° 3	8°39	6°57	7°17	13°55	W12
T 13	23 48 32	25°10'27	24°35	26°55	5° 7	27°36	18°28	23°28	10°28	13°37	25° 4	8°34	6°54	7°23	13°58	T 13
F 14	23 52 29	26° 9'34	8♈16	25°45	5°37	28°14	18°39	23°24	10°28	13°36	25° 4	8°26	6°51	7°30	14° 1	F 14
S 15	23 56 25	27° 8'44	21°39	24°37	6° 6	28°51	18°49	23°21	10°28	13°35	25° 4	8°18	6°48	7°37	14° 4	S 15
S 16	0 0 22	28° 7'55	4♉43	23°33	6°34	29°29	19° 0	23°17	10°28	13°34	25° 5	8° 9	6°45	7°43	14° 7	S 16
M17	0 4 18	29° 7'09	17°26	22°33	6°59	0♍ 7	19°11	23°14	10°27	13°33	25° 5	8° 2	6°42	7°50	14°10	M17
T 18	0 8 15	0♎ 6'26	29°50	21°40	7°24	0°44	19°21	23°11	10°27	13°32	25° 6	7°55	6°38	7°57	14°13	T 18
W19	0 12 11	1° 5'44	11♊59	20°56	7°46	1°22	19°32	23° 8	10°27	13°31	25° 6	7°51	6°35	8° 3	14°16	W19
T 20	0 16 8	2° 5'06	23°56	20°21	8° 7	2° 0	19°43	23° 5	10°26	13°30	25° 7	7°49	6°32	8°10	14°19	T 20
F 21	0 20 4	3° 4'29	5♋47	19°56	8°26	2°38	19°54	23° 2	10°26	13°29	25° 7	7°D49	6°29	8°17	14°22	F 21
S 22	0 24 1	4° 3'55	17°36	19°41	8°43	3°15	20° 6	22°59	10°25	13°28	25° 8	7°49	6°26	8°23	14°26	S 22
S 23	0 27 58	5° 3'23	29°29	19°D38	8°58	3°53	20°17	22°56	10°24	13°28	25° 9	7°50	6°23	8°30	14°29	S 23
M24	0 31 54	6° 2'53	11♌31	19°46	9°11	4°31	20°28	22°53	10°24	13°27	25° 9	7°R50	6°19	8°37	14°33	M24
T 25	0 35 51	7° 2'26	23°46	20° 4	9°22	5° 8	20°39	22°51	10°23	13°26	25°10	7°49	6°16	8°43	14°36	T 25
W26	0 39 47	8° 2'01	6♍19	20°32	9°31	5°46	20°51	22°48	10°22	13°25	25°11	7°45	6°13	8°50	14°40	W26
T 27	0 43 44	9° 1'38	19°11	21°10	9°37	6°23	21° 3	22°46	10°22	13°24	25°12	7°39	6°10	8°57	14°44	T 27
F 28	0 47 40	10° 1'17	2♎24	21°57	9°41	7° 1	21°14	22°43	10°21	13°24	25°12	7°31	6° 7	9° 3	14°48	F 28
S 29	0 51 37	11° 0'59	15°55	22°51	9°R44	7°39	21°26	22°41	10°20	13°23	25°13	7°20	6° 3	9°10	14°52	S 29
S 30	0 55 33	12♎ 0'42	29♎44	23♍52	9♏43	8♍16	21♏38	22♒39	10♊19	13♒22	25♐14	7♒ 9	6♒ 0	9♋17	14♐56	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n34	6s42	4s23	5s27	3s50	14s40	4s23	16n 2	1n13	16s11	0n43	15s15	1s50	22n 7	0s 1	17s11	0s27	20s16	3n13	18s 6	18s29	26n 7	18s 8	4n27
S 2	6 11	12 25	4 54	5 28	3 52	15 3	4 30	15 50	1 13	16 13	0 43	15 16	1 50	22 7	0 1	17 12	0 27	20 16	3 13	18 8	18 30	26 6	18 8	4 27
M 3	5 48	17 38	5 9	5 25	3 54	15 25	4 37	15 38	1 13	16 16	0 43	15 18	1 50	22 7	0 1	17 12	0 27	20 16	3 12	18 9	18 31	26 5	18 9	4 27
T 4	5 25	22 1	5 7	5 19	3 53	15 47	4 44	15 26	1 13	16 19	0 42	15 19	1 50	22 7	0 1	17 12	0 27	20 16	3 12	18 10	18 31	26 4	18 9	4 26
W 5	5 2	25 12	4 47	5 8	3 52	16 9	4 50	15 13	1 13	16 22	0 42	15 20	1 50	22 7	0 1	17 13	0 27	20 17	3 12	18 11	18 32	26 3	18 10	4 26
T 6	4 39	26 53	4 10	4 53	3 49	16 30	4 57	15 1	1 14	16 25	0 42	15 22	1 50	22 7	0 1	17 13	0 27	20 17	3 12	18 11	18 33	26 2	18 10	4 26
F 7	4 16	26 51	3 17	4 33	3 44	16 50	5 4	14 49	1 14	16 28	0 42	15 23	1 50	22 7	0 1	17 14	0 27	20 17	3 12	18 11	18 34	26 1	18 11	4 25
S 8	3 53	25 3	2 12	4 9	3 38	17 10	5 11	14 36	1 14	16 31	0 42	15 24	1 50	22 7	0 1	17 14	0 27	20 17	3 11	18 11	18 35	25 59	18 11	4 25
S 9	3 30	21 38	0 58	3 40	3 29	17 29	5 18	14 24	1 14	16 34	0 41	15 25	1 50	22 7	0 1	17 14	0 27	20 17	3 11	18 10	18 36	25 58	18 12	4 25
M10	3 6	16 54	0n19	3 8	3 19	17 48	5 24	14 11	1 14	16 37	0 41	15 27	1 50	22 7	0 1	17 15	0 27	20 18	3 11	18 10	18 36	25 57	18 12	4 25
T 11	2 43	11 16	1 35	2 31	3 7	18 6	5 31	13 58	1 14	16 40	0 41	15 28	1 50	22 7	0 1	17 15	0 27	20 18	3 11	18 11	18 37	25 56	18 13	4 24
W12	2 19	5 6	2 44	1 52	2 53	18 24	5 37	13 45	1 14	16 43	0 41	15 29	1 50	22 7	0 1	17 15	0 27	20 18	3 11	18 12	18 38	25 55	18 13	4 24
T 13	1 56	1n14	3 42	1 10	2 37	18 41	5 44	13 32	1 15	16 46	0 41	15 30	1 50	22 7	0 1	17 16	0 27	20 18	3 10	18 13	18 39	25 54	18 14	4 24
F 14	1 32	7 22	4 26	0 26	2 19	18 57	5 50	13 19	1 15	16 49	0 41	15 31	1 50	22 7	0 1	17 16	0 27	20 18	3 10	18 15	18 40	25 53	18 14	4 24
S 15	1 8	13 2	4 54	0n18	2 1	19 13	5 56	13 6	1 15	16 52	0 40	15 32	1 50	22 7	0 1	17 16	0 27	20 19	3 10	18 17	18 40	25 51	18 15	4 23
S 16	0 45	17 58	5 6	1 2	1 41	19 28	6 2	12 53	1 15	16 55	0 40	15 33	1 50	22 7	0 1	17 17	0 27	20 19	3 10	18 19	18 41	25 50	18 16	4 23
M17	0 21	21 58	5 3	1 44	1 21	19 42	6 8	12 40	1 15	16 58	0 40	15 34	1 50	22 7	0 1	17 17	0 27	20 19	3 10	18 21	18 42	25 49	18 16	4 23
T 18	0s 3	24 52	4 45	2 24	1 0	19 55	6 13	12 27	1 15	17 1	0 40	15 35	1 50	22 7	0 1	17 17	0 27	20 19	3 9	18 23	18 43	25 48	18 17	4 23
W19	0 26	26 33	4 15	3 0	0 40	20 8	6 19	12 13	1 15	17 4	0 40	15 36	1 50	22 7	0 1	17 17	0 27	20 19	3 9	18 24	18 44	25 47	18 17	4 22
T 20	0 50	26 59	3 33	3 32	0 20	20 20	6 24	12 0	1 16	17 8	0 40	15 37	1 50	22 7	0 1	17 18	0 27	20 20	3 9	18 25	18 44	25 46	18 18	4 22
F 21	1 14	26 10	2 43	4 0	0 1	20 31	6 29	11 46	1 16	17 11	0 39	15 38	1 50	22 7	0 1	17 18	0 27	20 20	3 9	18 25	18 45	25 44	18 19	4 22
S 22	1 37	24 10	1 47	4 22	0n17	20 41	6 34	11 33	1 16	17 14	0 39	15 39	1 50	22 7	0 1	17 18	0 27	20 20	3 9	18 25	18 46	25 43	18 19	4 22
S 23	2 1	21 6	0 45	4 38	0 34	20 50	6 38	11 19	1 16	17 17	0 39	15 40	1 49	22 7	0 1	17 19	0 27	20 20	3 8	18 24	18 47	25 42	18 20	4 21
M24	2 25	17 6	0s20	4 50	0 49	20 58	6 43	11 5	1 16	17 20	0 39	15 41	1 49	22 7	0 1	17 19	0 27	20 21	3 8	18 24	18 48	25 41	18 21	4 21
T 25	2 49	12 21	1 24	4 55	1 3	21 6	6 46	10 52	1 16	17 23	0 39	15 42	1 49	22 6	0 1	17 19	0 27	20 21	3 8	18 25	18 48	25 40	18 21	4 21
W26	3 12	6 59	2 26	4 55	1 15	21 12	6 50	10 38	1 16	17 27	0 39	15 42	1 49	22 6	0 1	17 19	0 27	20 21	3 8	18 26	18 49	25 38	18 22	4 21
T 27	3 36	1 12	3 22	4 50	1 26	21 17	6 53	10 24	1 16	17 30	0 38	15 43	1 49	22 6	0 1	17 19	0 27	20 21	3 8	18 27	18 50	25 37	18 22	4 21
F 28	3 59	4s45	4 9	4 40	1 35	21 21	6 56	10 10	1 17	17 33	0 38	15 44	1 49	22 6	0 1	17 20	0 27	20 21	3 7	18 29	18 51	25 36	18 23	4 20
S 29	4 23	10 38	4 42	4 26	1 43	21 24	6 58	9 56	1 17	17 36	0 38	15 45	1 49	22 6	0 1	17 20	0 27	20 22	3 7	18 32	18 52	25 35	18 24	4 20
S 30	4s46	16s 7	5s 0	4n 8	1n50	21s26	7s 0	9n42	1n17	17s39	0n38	15s45	1s49	22n 6	0s 1	17s20	0s27	20s22	3n 7	18s35	18s52	25n33	18s24	4n20

Julian Day Number = 2094586.5, Delta T = 22m37s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'04, Lahiri = 10°14'05 Julian Calendar 1 Sept. 1022 == Greg. Calendar 7 Sept. 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

OCTOBER 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 59 30	13♎ 0'27	13♏45	25♍ 0	9°R41	8♍54	21♏49	22°R37	10°R18	13°R22	25♐15	6°R59	5♒57	9♋23	15♐ 0	M 1
T 2	1 3 26	14° 0'15	27°54	26°13	9♏36	9°31	22° 1	22♒35	10♊17	13♒21	25°16	6♒50	5°54	9°30	15° 4	T 2
W 3	1 7 23	15° 0'04	12♐ 6	27°31	9°28	10° 9	22°13	22°33	10°16	13°20	25°17	6°43	5°51	9°37	15° 8	W 3
T 4	1 11 20	15°59'55	26°18	28°53	9°18	10°47	22°25	22°31	10°14	13°20	25°18	6°40	5°48	9°43	15°12	T 4
F 5	1 15 16	16°59'48	10♑28	0♎18	9° 6	11°24	22°37	22°29	10°13	13°19	25°19	6°38	5°44	9°50	15°16	F 5
S 6	1 19 13	17°59'42	24°34	1°46	8°51	12° 2	22°50	22°28	10°12	13°19	25°20	6°D38	5°41	9°56	15°21	S 6
S 7	1 23 9	18°59'38	8♒34	3°17	8°34	12°39	23° 2	22°26	10°11	13°18	25°21	6°R38	5°38	10° 3	15°25	S 7
M 8	1 27 6	19°59'36	22°29	4°49	8°15	13°17	23°14	22°25	10° 9	13°18	25°22	6°37	5°35	10°10	15°29	M 8
T 9	1 31 2	20°59'35	6♓18	6°23	7°53	13°54	23°27	22°23	10° 8	13°18	25°23	6°34	5°32	10°16	15°34	T 9
W10	1 34 59	21°59'36	19°59	7°59	7°29	14°32	23°39	22°22	10° 7	13°17	25°24	6°28	5°28	10°23	15°39	W10
T 11	1 38 55	22°59'38	3♈31	9°35	7° 3	15° 9	23°51	22°21	10° 5	13°17	25°25	6°20	5°25	10°30	15°43	T 11
F 12	1 42 52	23°59'43	16°52	11°12	6°35	15°46	24° 4	22°20	10° 4	13°17	25°27	6° 8	5°22	10°36	15°48	F 12
S 13	1 46 49	24°59'49	29°59	12°50	6° 5	16°24	24°16	22°19	10° 2	13°16	25°28	5°55	5°19	10°43	15°53	S 13
S 14	1 50 45	25°59'57	12♉50	14°28	5°34	17° 1	24°29	22°18	10° 0	13°16	25°29	5°42	5°16	10°50	15°57	S 14
M15	1 54 42	27° 0'08	25°25	16° 6	5° 2	17°39	24°42	22°18	9°59	13°16	25°30	5°29	5°13	10°56	16° 2	M15
T 16	1 58 38	28° 0'20	7♊45	17°44	4°28	18°16	24°54	22°17	9°57	13°16	25°32	5°19	5° 9	11° 3	16° 7	T 16
W17	2 2 35	29° 0'34	19°51	19°22	3°53	18°54	25° 7	22°17	9°55	13°16	25°33	5°11	5° 6	11°10	16°12	W17
T 18	2 6 31	0♏ 0'51	1♋47	21° 1	3°17	19°31	25°20	22°16	9°54	13°16	25°34	5° 5	5° 3	11°16	16°17	T 18
F 19	2 10 28	1° 1'09	13°36	22°39	2°41	20° 8	25°33	22°16	9°52	13°15	25°36	5° 3	5° 0	11°23	16°22	F 19
S 20	2 14 24	2° 1'30	25°24	24°17	2° 4	20°46	25°46	22°16	9°50	13°D15	25°37	5° 2	4°57	11°30	16°27	S 20
S 21	2 18 21	3° 1'52	7♌15	25°55	1°28	21°23	25°59	22°D16	9°48	13°15	25°39	5° 2	4°54	11°36	16°33	S 21
M22	2 22 18	4° 2'16	19°16	27°33	0°52	22° 0	26°12	22°16	9°46	13°16	25°40	5° 1	4°50	11°43	16°38	M22
T 23	2 26 14	5° 2'42	1♍33	29°10	0°16	22°38	26°25	22°16	9°44	13°16	25°42	4°59	4°47	11°50	16°43	T 23
W24	2 30 11	6° 3'11	14° 8	0♏47	29♎41	23°15	26°38	22°16	9°42	13°16	25°43	4°55	4°44	11°56	16°48	W24
T 25	2 34 7	7° 3'41	27° 8	2°24	29° 7	23°52	26°51	22°16	9°40	13°16	25°45	4°48	4°41	12° 3	16°54	T 25
F 26	2 38 4	8° 4'12	10♎32	4° 1	28°34	24°30	27° 4	22°17	9°38	13°16	25°46	4°39	4°38	12°10	16°59	F 26
S 27	2 42 0	9° 4'46	24°21	5°37	28° 2	25° 7	27°17	22°17	9°36	13°16	25°48	4°27	4°34	12°16	17° 5	S 27
S 28	2 45 57	10° 5'21	8♏33	7°13	27°32	25°44	27°30	22°18	9°34	13°16	25°49	4°14	4°31	12°23	17°10	S 28
M29	2 49 53	11° 5'59	23° 0	8°49	27° 4	26°21	27°44	22°19	9°32	13°17	25°51	4° 2	4°28	12°30	17°16	M29
T 30	2 53 50	12° 6'37	7♐37	10°25	26°38	26°59	27°57	22°20	9°30	13°17	25°52	3°52	4°25	12°36	17°21	T 30
W31	2 57 47	13♏ 7'17	22♐15	12♏ 0	26♎14	27♍36	28♏10	22♒21	9♊27	13♒17	25♐54	3♒44	4♒22	12♋43	17♐27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s10	20s49	5s 1	3n45	1n55	21s26	7s 2	9n28	1n17	17s43	0n38	15s46	1s49	22n 6	0s 1	17s20	0s27	20s22	3n 7	18s38	18s53	25n32	18s25	4n20
T 2	5 33	24 23	4 43	3 20	1 59	21 25	7 3	9 14	1 17	17 46	0 38	15 46	1 49	22 6	0 1	17 20	0 27	20 22	3 7	18 40	18 54	25 31	18 26	4 19
W 3	5 56	26 27	4 8	2 51	2 2	21 23	7 3	8 59	1 17	17 49	0 38	15 47	1 49	22 5	0 1	17 21	0 27	20 23	3 7	18 41	18 55	25 29	18 26	4 19
T 4	6 20	26 48	3 17	2 20	2 3	21 20	7 3	8 45	1 17	17 52	0 37	15 47	1 49	22 5	0 1	17 21	0 27	20 23	3 6	18 42	18 55	25 28	18 27	4 19
F 5	6 43	25 23	2 14	1 47	2 4	21 15	7 2	8 31	1 17	17 55	0 37	15 48	1 48	22 5	0 1	17 21	0 27	20 23	3 6	18 43	18 56	25 27	18 28	4 19
S 6	7 6	22 22	1 4	1 11	2 4	21 9	7 0	8 17	1 17	17 59	0 37	15 48	1 48	22 5	0 1	17 21	0 27	20 23	3 6	18 43	18 57	25 26	18 28	4 19
S 7	7 29	18 3	0n10	0 34	2 3	21 1	6 58	8 2	1 18	18 2	0 37	15 49	1 48	22 5	0 1	17 21	0 27	20 23	3 6	18 43	18 58	25 24	18 29	4 18
M 8	7 51	12 47	1 23	0s 4	2 1	20 52	6 55	7 48	1 18	18 5	0 37	15 49	1 48	22 5	0 1	17 21	0 27	20 24	3 6	18 43	18 59	25 23	18 30	4 18
T 9	8 14	6 55	2 30	0 44	1 59	20 41	6 52	7 34	1 18	18 8	0 37	15 49	1 48	22 4	0 1	17 21	0 27	20 24	3 5	18 44	18 59	25 22	18 30	4 18
W10	8 37	0 48	3 28	1 24	1 56	20 29	6 47	7 19	1 18	18 12	0 37	15 50	1 48	22 4	0 1	17 21	0 27	20 24	3 5	18 45	19 0	25 20	18 31	4 18
T 11	8 59	5n17	4 13	2 5	1 53	20 16	6 42	7 5	1 18	18 15	0 37	15 50	1 48	22 4	0 1	17 22	0 27	20 24	3 5	18 47	19 1	25 19	18 32	4 18
F 12	9 21	11 1	4 44	2 47	1 49	20 1	6 36	6 50	1 18	18 18	0 36	15 50	1 48	22 4	0 1	17 22	0 27	20 25	3 5	18 50	19 2	25 18	18 32	4 18
S 13	9 44	16 11	4 59	3 29	1 45	19 44	6 30	6 36	1 18	18 21	0 36	15 50	1 48	22 4	0 1	17 22	0 27	20 25	3 5	18 54	19 2	25 16	18 33	4 17
S 14	10 6	20 30	4 58	4 12	1 40	19 26	6 22	6 21	1 18	18 25	0 36	15 51	1 48	22 3	0 1	17 22	0 27	20 25	3 4	18 57	19 3	25 15	18 33	4 17
M15	10 28	23 47	4 43	4 54	1 35	19 7	6 14	6 6	1 18	18 28	0 36	15 51	1 47	22 3	0 1	17 22	0 27	20 25	3 4	19 0	19 4	25 14	18 34	4 17
T 16	10 49	25 54	4 14	5 37	1 29	18 47	6 5	5 52	1 18	18 31	0 36	15 51	1 47	22 3	0 1	17 22	0 27	20 25	3 4	19 3	19 5	25 12	18 35	4 17
W17	11 11	26 45	3 35	6 20	1 24	18 26	5 55	5 37	1 18	18 34	0 36	15 51	1 47	22 3	0 1	17 22	0 27	20 26	3 4	19 5	19 6	25 11	18 35	4 17
T 18	11 32	26 20	2 46	7 2	1 18	18 4	5 45	5 22	1 18	18 37	0 36	15 51	1 47	22 2	0 1	17 22	0 27	20 26	3 4	19 6	19 6	25 9	18 36	4 17
F 19	11 53	24 42	1 51	7 45	1 12	17 40	5 33	5 8	1 18	18 41	0 35	15 51	1 47	22 2	0 1	17 22	0 27	20 26	3 4	19 6	19 7	25 8	18 37	4 17
S 20	12 14	22 0	0 51	8 27	1 6	17 16	5 21	4 53	1 18	18 44	0 35	15 51	1 47	22 2	0 1	17 22	0 27	20 26	3 3	19 7	19 8	25 7	18 37	4 16
S 21	12 35	18 22	0s12	9 8	1 0	16 52	5 9	4 38	1 19	18 47	0 35	15 51	1 47	22 2	0 1	17 22	0 27	20 27	3 3	19 7	19 9	25 5	18 38	4 16
M22	12 56	13 56	1 15	9 50	0 53	16 27	4 56	4 23	1 19	18 50	0 35	15 51	1 47	22 1	0 1	17 22	0 27	20 27	3 3	19 7	19 9	25 4	18 39	4 16
T 23	13 16	8 52	2 15	10 31	0 47	16 1	4 42	4 9	1 19	18 53	0 35	15 51	1 46	22 1	0 1	17 22	0 27	20 27	3 3	19 7	19 10	25 2	18 39	4 16
W24	13 37	3 20	3 11	11 11	0 40	15 35	4 28	3 54	1 19	18 56	0 35	15 50	1 46	22 1	0 1	17 22	0 27	20 27	3 3	19 8	19 11	25 1	18 40	4 16
T 25	13 57	2s30	3 59	11 51	0 34	15 10	4 14	3 39	1 19	19 0	0 35	15 50	1 46	22 0	0 1	17 22	0 27	20 27	3 3	19 10	19 12	25 0	18 41	4 16
F 26	14 16	8 24	4 35	12 30	0 27	14 44	3 59	3 24	1 19	19 3	0 35	15 50	1 46	22 0	0 1	17 22	0 27	20 28	3 2	19 12	19 12	24 58	18 41	4 16
S 27	14 36	14 4	4 56	13 9	0 20	14 19	3 44	3 9	1 19	19 6	0 35	15 50	1 46	22 0	0 1	17 22	0 27	20 28	3 2	19 15	19 13	24 57	18 42	4 16
S 28	14 55	19 9	5 0	13 47	0 13	13 53	3 28	2 55	1 19	19 9	0 34	15 49	1 46	21 59	0 1	17 22	0 27	20 28	3 2	19 18	19 14	24 55	18 42	4 15
M29	15 14	23 12	4 44	14 25	0 7	13 29	3 13	2 40	1 19	19 12	0 34	15 49	1 46	21 59	0 1	17 21	0 27	20 28	3 2	19 21	19 15	24 54	18 43	4 15
T 30	15 33	25 49	4 10	15 1	0 0	13 5	2 58	2 25	1 19	19 15	0 34	15 48	1 46	21 59	0 1	17 21	0 27	20 28	3 2	19 23	19 16	24 52	18 44	4 15
W31	15s52	26s40	3s20	15s37	0s 7	12s41	2s42	2n10	1n19	19s18	0n34	15s48	1s46	21n59	0s 1	17s21	0s27	20s29	3n 2	19s25	19s16	24n51	18s44	4n15

Julian Day Number = 2094616.5, Delta T = 22m37s
Ecliptic obliquity = 23°34'03, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'08, Lahiri = 10°14'09 Julian Calendar 1 Oct. 1022 == Greg. Calendar 7 Oct. 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

NOVEMBER 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 1 43	14♏ 7'58	6♉49	13♏35	25°R51	28♍13	28♏24	22♒22	9°R25	13♒18	25♐56	3°R39	4♒19	12♋50	17♐33	T 1
F 2	3 5 40	15° 8'41	21°14	15°10	25♎31	28°50	28°37	22°23	9♊23	13°18	25°57	3♒37	4°15	12°56	17°38	F 2
S 3	3 9 36	16° 9'24	5♒25	16°45	25°14	29°27	28°50	22°24	9°21	13°19	25°59	3°D37	4°12	13° 3	17°44	S 3
S 4	3 13 33	17°10'09	19°23	18°20	24°58	0♎ 5	29° 4	22°26	9°18	13°19	26° 1	3°R37	4° 9	13°10	17°50	S 4
M 5	3 17 29	18°10'54	3♓ 8	19°54	24°46	0°42	29°17	22°27	9°16	13°20	26° 3	3°36	4° 6	13°16	17°56	M 5
T 6	3 21 26	19°11'41	16°40	21°29	24°35	1°19	29°31	22°29	9°14	13°20	26° 4	3°33	4° 3	13°23	18° 1	T 6
W 7	3 25 22	20°12'28	29°59	23° 3	24°27	1°56	29°44	22°30	9°11	13°21	26° 6	3°28	4° 0	13°30	18° 7	W 7
T 8	3 29 19	21°13'17	13♈ 9	24°37	24°22	2°33	29°57	22°32	9° 9	13°22	26° 8	3°19	3°56	13°36	18°13	T 8
F 9	3 33 16	22°14'07	26° 6	26°11	24°19	3°10	0♐11	22°34	9° 6	13°22	26°10	3° 8	3°53	13°43	18°19	F 9
S 10	3 37 12	23°14'58	8♉52	27°44	24°D18	3°47	0°24	22°36	9° 4	13°23	26°12	2°56	3°50	13°49	18°25	S 10
S 11	3 41 9	24°15'50	21°26	29°18	24°20	4°24	0°38	22°38	9° 2	13°24	26°13	2°43	3°47	13°56	18°31	S 11
M12	3 45 5	25°16'43	3♊48	0♐52	24°25	5° 1	0°52	22°41	8°59	13°24	26°15	2°30	3°44	14° 3	18°37	M12
T 13	3 49 2	26°17'37	15°59	2°26	24°31	5°38	1° 5	22°43	8°57	13°25	26°17	2°20	3°40	14° 9	18°43	T 13
W14	3 52 58	27°18'33	27°59	3°59	24°40	6°15	1°19	22°45	8°54	13°26	26°19	2°12	3°37	14°16	18°49	W14
T 15	3 56 55	28°19'30	9♋52	5°33	24°52	6°52	1°32	22°48	8°52	13°27	26°21	2° 6	3°34	14°23	18°55	T 15
F 16	4 0 52	29°20'28	21°39	7° 7	25° 5	7°29	1°46	22°50	8°49	13°28	26°23	2° 4	3°31	14°29	19° 1	F 16
S 17	4 4 48	0♐21'27	3♌26	8°40	25°21	8° 6	1°59	22°53	8°47	13°29	26°25	2°D 3	3°28	14°36	19° 7	S 17
S 18	4 8 45	1°22'27	15°16	10°14	25°38	8°43	2°13	22°56	8°44	13°30	26°27	2° 4	3°25	14°43	19°14	S 18
M19	4 12 41	2°23'28	27°15	11°47	25°58	9°19	2°26	22°59	8°42	13°31	26°29	2°R 5	3°21	14°49	19°20	M19
T 20	4 16 38	3°24'31	9♍28	13°21	26°20	9°56	2°40	23° 2	8°39	13°32	26°31	2° 4	3°18	14°56	19°26	T 20
W21	4 20 34	4°25'35	22° 0	14°54	26°43	10°33	2°54	23° 5	8°36	13°33	26°33	2° 3	3°15	15° 3	19°32	W21
T 22	4 24 31	5°26'39	4♎57	16°28	27° 9	11°10	3° 7	23° 8	8°34	13°34	26°35	1°59	3°12	15° 9	19°38	T 22
F 23	4 28 27	6°27'45	18°22	18° 1	27°36	11°47	3°21	23°11	8°31	13°35	26°37	1°53	3° 9	15°16	19°45	F 23
S 24	4 32 24	7°28'52	2♏15	19°35	28° 5	12°23	3°34	23°15	8°29	13°36	26°39	1°45	3° 6	15°23	19°51	S 24
S 25	4 36 21	8°30'00	16°35	21° 8	28°35	13° 0	3°48	23°18	8°26	13°37	26°41	1°36	3° 2	15°29	19°57	S 25
M26	4 40 17	9°31'09	1♐17	22°41	29° 7	13°37	4° 2	23°22	8°24	13°38	26°43	1°27	2°59	15°36	20° 3	M26
T 27	4 44 14	10°32'18	16°14	24°14	29°40	14°14	4°15	23°26	8°21	13°40	26°45	1°19	2°56	15°43	20°10	T 27
W28	4 48 10	11°33'28	1♉17	25°46	0♏15	14°50	4°29	23°29	8°19	13°41	26°47	1°14	2°53	15°49	20°16	W28
T 29	4 52 7	12°34'38	16°16	27°18	0°52	15°27	4°42	23°33	8°16	13°42	26°49	1°10	2°50	15°56	20°22	T 29
F 30	4 56 3	13♐35'49	1♒ 3	28♐50	1♏29	16♎ 3	4♐56	23♒37	8♊13	13♒44	26♐51	1°D 9	2♒46	16♋ 3	20♐28	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s10	25s40	2s17	16s13	0s13	12s19	2s27	1n55	1n19	19s21	0n34	15s48	1s45	21n58	0s 1	17s21	0s27	20s29	3n 1	19s26	19s17	24n50	18s45	4n15
F 2	16 28	22 57	1 5	16 47	0 20	11 57	2 11	1 40	1 19	19 24	0 34	15 47	1 45	21 58	0 1	17 21	0 27	20 29	3 1	19 27	19 18	24 48	18 45	4 15
S 3	16 46	18 52	0n10	17 21	0 26	11 37	1 56	1 25	1 19	19 27	0 34	15 46	1 45	21 58	0 1	17 21	0 27	20 29	3 1	19 27	19 19	24 47	18 46	4 15
S 4	17 3	13 47	1 23	17 54	0 33	11 17	1 41	1 11	1 19	19 30	0 34	15 46	1 45	21 57	0 1	17 21	0 27	20 30	3 1	19 27	19 19	24 45	18 47	4 15
M 5	17 20	8 5	2 30	18 26	0 39	10 59	1 26	0 56	1 19	19 33	0 34	15 45	1 45	21 57	0 1	17 21	0 27	20 30	3 1	19 27	19 20	24 44	18 47	4 15
T 6	17 37	2 7	3 27	18 57	0 45	10 41	1 12	0 41	1 19	19 36	0 34	15 45	1 45	21 56	0 1	17 20	0 27	20 30	3 1	19 28	19 21	24 42	18 48	4 15
W 7	17 53	3n51	4 12	19 28	0 51	10 25	0 57	0 26	1 19	19 39	0 33	15 44	1 45	21 56	0 1	17 20	0 27	20 30	3 0	19 29	19 22	24 41	18 48	4 15
T 8	18 10	9 34	4 43	19 57	0 57	10 10	0 44	0 11	1 19	19 42	0 33	15 43	1 45	21 56	0 1	17 20	0 27	20 30	3 0	19 31	19 22	24 39	18 49	4 15
F 9	18 26	14 46	4 59	20 26	1 3	9 56	0 30	0s 3	1 19	19 45	0 33	15 42	1 44	21 55	0 1	17 20	0 27	20 31	3 0	19 34	19 23	24 38	18 49	4 15
S 10	18 41	19 15	5 0	20 53	1 9	9 44	0 17	0 18	1 19	19 48	0 33	15 42	1 44	21 55	0 1	17 20	0 27	20 31	3 0	19 37	19 24	24 36	18 50	4 15
S 11	18 56	22 49	4 46	21 19	1 15	9 33	0 4	0 33	1 19	19 51	0 33	15 41	1 44	21 55	0 1	17 19	0 27	20 31	3 0	19 40	19 25	24 34	18 50	4 15
M12	19 11	25 15	4 19	21 45	1 20	9 23	0n 8	0 48	1 19	19 54	0 33	15 40	1 44	21 54	0 1	17 19	0 27	20 31	3 0	19 42	19 25	24 33	18 51	4 15
T 13	19 26	26 28	3 40	22 9	1 25	9 14	0 21	1 2	1 19	19 57	0 33	15 39	1 44	21 54	0 1	17 19	0 27	20 31	3 0	19 45	19 26	24 31	18 51	4 15
W14	19 40	26 24	2 51	22 32	1 30	9 7	0 32	1 17	1 19	20 0	0 33	15 38	1 44	21 54	0 1	17 19	0 27	20 32	2 59	19 47	19 27	24 30	18 52	4 15
T 15	19 54	25 7	1 56	22 54	1 35	9 0	0 43	1 32	1 19	20 3	0 33	15 37	1 44	21 53	0 1	17 19	0 27	20 32	2 59	19 48	19 28	24 28	18 52	4 14
F 16	20 7	22 44	0 55	23 15	1 40	8 55	0 54	1 47	1 19	20 6	0 33	15 36	1 44	21 53	0 1	17 18	0 27	20 32	2 59	19 48	19 28	24 27	18 53	4 14
S 17	20 20	19 22	0s 7	23 35	1 44	8 51	1 5	2 1	1 19	20 8	0 33	15 35	1 43	21 52	0 1	17 18	0 27	20 32	2 59	19 48	19 29	24 25	18 53	4 14
S 18	20 33	15 14	1 10	23 54	1 49	8 48	1 15	2 16	1 19	20 11	0 32	15 34	1 43	21 52	0 1	17 18	0 27	20 32	2 59	19 48	19 30	24 24	18 54	4 14
M19	20 45	10 27	2 11	24 11	1 53	8 47	1 24	2 30	1 19	20 14	0 32	15 33	1 43	21 52	0 1	17 17	0 27	20 32	2 59	19 48	19 31	24 22	18 54	4 14
T 20	20 57	5 11	3 7	24 27	1 56	8 46	1 33	2 45	1 19	20 17	0 32	15 32	1 43	21 51	0 1	17 17	0 27	20 33	2 59	19 48	19 31	24 20	18 55	4 15
W21	21 8	0s25	3 55	24 41	2 0	8 46	1 42	2 59	1 19	20 19	0 32	15 31	1 43	21 51	0 1	17 17	0 27	20 33	2 59	19 49	19 32	24 19	18 55	4 15
T 22	21 20	6 9	4 33	24 55	2 3	8 47	1 51	3 14	1 19	20 22	0 32	15 30	1 43	21 50	0 1	17 16	0 27	20 33	2 58	19 49	19 33	24 17	18 56	4 15
F 23	21 30	11 49	4 58	25 7	2 6	8 50	1 59	3 28	1 19	20 25	0 32	15 29	1 43	21 50	0 0	17 16	0 27	20 33	2 58	19 51	19 34	24 16	18 56	4 15
S 24	21 40	17 6	5 6	25 17	2 8	8 53	2 6	3 43	1 19	20 27	0 32	15 27	1 43	21 50	0 0	17 16	0 27	20 33	2 58	19 53	19 34	24 14	18 57	4 15
S 25	21 50	21 36	4 56	25 26	2 10	8 57	2 14	3 57	1 19	20 30	0 32	15 26	1 43	21 49	0 0	17 15	0 27	20 34	2 58	19 55	19 35	24 12	18 57	4 15
M26	22 0	24 52	4 26	25 33	2 12	9 2	2 21	4 12	1 19	20 33	0 32	15 25	1 42	21 49	0 0	17 15	0 27	20 34	2 58	19 57	19 36	24 11	18 58	4 15
T 27	22 9	26 28	3 38	25 39	2 13	9 7	2 27	4 26	1 18	20 35	0 32	15 24	1 42	21 48	0 0	17 15	0 27	20 34	2 58	19 58	19 36	24 9	18 58	4 15
W28	22 17	26 8	2 34	25 44	2 14	9 14	2 34	4 40	1 18	20 38	0 32	15 22	1 42	21 48	0 0	17 14	0 27	20 34	2 58	20 0	19 37	24 8	18 58	4 15
T 29	22 26	23 53	1 20	25 47	2 14	9 21	2 40	4 55	1 18	20 40	0 32	15 21	1 42	21 48	0 0	17 14	0 27	20 34	2 58	20 0	19 38	24 6	18 59	4 15
F 30	22s33	20s 2	0s 1	25s48	2s14	9s28	2n45	5s 9	1n18	20s43	0n31	15s19	1s42	21n47	0s 0	17s14	0s27	20s34	2n57	20s 0	19s39	24n 4	18s59	4n15

Julian Day Number = 2094647.5, Delta T = 22m36s
Ecliptic obliquity = 23°34'02, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'12, Lahiri = 10°14'13 Julian Calendar 1 Nov. 1022 == Greg. Calendar 7 Nov. 1022

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ASTRODIENST EPHEMERIS for the year 1022
geocentric

DECEMBER 1022 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 0 0	14♐37'00	15♒33	0♑21	2♏ 8	16♎40	5♐ 9	23♒41	8°R11	13♒45	26♐53	1♒10	2♒43	16♋ 9	20♐35	S 1
S 2	5 3 56	15°38'11	29°42	1°51	2°48	17°17	5°23	23°45	8♊ 8	13°46	26°55	1°11	2°40	16°16	20°41	S 2
M 3	5 7 53	16°39'22	13♓31	3°20	3°30	17°53	5°36	23°49	8° 6	13°48	26°57	1°R12	2°37	16°22	20°47	M 3
T 4	5 11 50	17°40'33	27° 0	4°49	4°12	18°30	5°50	23°54	8° 3	13°49	26°59	1°12	2°34	16°29	20°54	T 4
W 5	5 15 46	18°41'44	10♈10	6°15	4°56	19° 6	6° 3	23°58	8° 1	13°51	27° 2	1°10	2°31	16°36	21° 0	W 5
T 6	5 19 43	19°42'55	23° 4	7°41	5°40	19°42	6°17	24° 2	7°58	13°52	27° 4	1° 5	2°27	16°42	21° 6	T 6
F 7	5 23 39	20°44'06	5♉43	9° 4	6°26	20°19	6°30	24° 7	7°56	13°54	27° 6	0°59	2°24	16°49	21°13	F 7
S 8	5 27 36	21°45'17	18°11	10°25	7°12	20°55	6°44	24°12	7°53	13°55	27° 8	0°52	2°21	16°56	21°19	S 8
S 9	5 31 32	22°46'29	0♊28	11°43	8° 0	21°31	6°57	24°16	7°51	13°57	27°10	0°45	2°18	17° 2	21°25	S 9
M10	5 35 29	23°47'40	12°36	12°58	8°48	22° 8	7°10	24°21	7°48	13°58	27°12	0°38	2°15	17° 9	21°32	M10
T 11	5 39 25	24°48'51	24°37	14° 9	9°37	22°44	7°24	24°26	7°46	14° 0	27°14	0°32	2°12	17°16	21°38	T 11
W12	5 43 22	25°50'03	6♋30	15°16	10°28	23°20	7°37	24°31	7°44	14° 2	27°16	0°27	2° 8	17°22	21°44	W12
T 13	5 47 19	26°51'14	18°20	16°18	11°18	23°56	7°50	24°36	7°41	14° 3	27°18	0°25	2° 5	17°29	21°51	T 13
F 14	5 51 15	27°52'26	0♌ 7	17°14	12°10	24°33	8° 3	24°41	7°39	14° 5	27°21	0°D24	2° 2	17°36	21°57	F 14
S 15	5 55 12	28°53'37	11°54	18° 3	13° 3	25° 9	8°17	24°46	7°36	14° 7	27°23	0°24	1°59	17°42	22° 3	S 15
S 16	5 59 8	29°54'49	23°45	18°44	13°56	25°45	8°30	24°51	7°34	14° 9	27°25	0°26	1°56	17°49	22°10	S 16
M17	6 3 5	0♑56'01	5♍45	19°17	14°50	26°21	8°43	24°56	7°32	14°10	27°27	0°28	1°52	17°56	22°16	M17
T 18	6 7 1	1°57'12	17°57	19°41	15°44	26°57	8°56	25° 2	7°30	14°12	27°29	0°30	1°49	18° 2	22°22	T 18
W19	6 10 58	2°58'24	0♎26	19°54	16°39	27°33	9° 9	25° 7	7°27	14°14	27°31	0°R30	1°46	18° 9	22°28	W19
T 20	6 14 54	3°59'36	13°17	19°R57	17°35	28° 9	9°22	25°13	7°25	14°16	27°33	0°30	1°43	18°16	22°35	T 20
F 21	6 18 51	5° 0'48	26°33	19°48	18°31	28°45	9°35	25°18	7°23	14°18	27°35	0°28	1°40	18°22	22°41	F 21
S 22	6 22 48	6° 1'59	10♏18	19°27	19°28	29°21	9°48	25°24	7°21	14°19	27°37	0°26	1°37	18°29	22°47	S 22
S 23	6 26 44	7° 3'11	24°31	18°54	20°26	29°57	10° 1	25°29	7°19	14°21	27°39	0°23	1°33	18°36	22°53	S 23
M24	6 30 41	8° 4'23	9♐10	18°10	21°24	0♏32	10°14	25°35	7°16	14°23	27°42	0°19	1°30	18°42	22°59	M24
T 25	6 34 37	9° 5'34	24° 9	17°16	22°22	1° 8	10°26	25°41	7°14	14°25	27°44	0°16	1°27	18°49	23° 5	T 25
W26	6 38 34	10° 6'45	9♑20	16°12	23°21	1°44	10°39	25°47	7°12	14°27	27°46	0°14	1°24	18°55	23°12	W26
T 27	6 42 30	11° 7'55	24°34	15° 2	24°20	2°19	10°52	25°53	7°10	14°29	27°48	0°D13	1°21	19° 2	23°18	T 27
F 28	6 46 27	12° 9'05	9♒41	13°47	25°20	2°55	11° 4	25°59	7° 8	14°31	27°50	0°14	1°18	19° 9	23°24	F 28
S 29	6 50 24	13°10'14	24°31	12°29	26°21	3°31	11°17	26° 5	7° 6	14°33	27°52	0°14	1°14	19°15	23°30	S 29
S 30	6 54 20	14°11'22	8♓59	11°11	27°21	4° 6	11°30	26°11	7° 4	14°35	27°54	0°16	1°11	19°22	23°36	S 30
M31	6 58 17	15♑12'29	23♓ 2	9♑55	28♏22	4♏41	11♐42	26♒17	7♊ 3	14♒37	27♐56	0♒17	1♒ 8	19♋29	23♐42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s40	15s 2	1n17	25s48	2s14	9s37	2n50	5s23	1n18	20s46	0n31	15s18	1s42	21n47	0s 0	17s13	0s27	20s35	2n57	20s 0	19s39	24n 3	18s59	4n15
S 2	22 47	9 19	2 28	25 46	2 12	9 46	2 55	5 37	1 18	20 48	0 31	15 16	1 42	21 47	0 0	17 13	0 27	20 35	2 57	20 0	19 40	24 1	19 0	4 15
M 3	22 54	3 18	3 29	25 42	2 11	9 56	3 0	5 51	1 18	20 50	0 31	15 15	1 42	21 46	0 0	17 12	0 27	20 35	2 57	20 0	19 41	23 59	19 0	4 15
T 4	23 0	2n43	4 17	25 37	2 8	10 6	3 4	6 5	1 18	20 53	0 31	15 13	1 42	21 46	0 0	17 12	0 27	20 35	2 57	20 0	19 42	23 58	19 0	4 15
W 5	23 5	8 28	4 49	25 30	2 5	10 16	3 8	6 19	1 18	20 55	0 31	15 12	1 42	21 45	0 0	17 12	0 27	20 35	2 57	20 0	19 42	23 56	19 1	4 15
T 6	23 10	13 45	5 7	25 22	2 1	10 28	3 12	6 33	1 18	20 58	0 31	15 10	1 41	21 45	0 0	17 11	0 27	20 35	2 57	20 1	19 43	23 54	19 1	4 15
F 7	23 14	18 21	5 9	25 12	1 57	10 39	3 16	6 47	1 18	21 0	0 31	15 9	1 41	21 45	0 0	17 11	0 27	20 36	2 57	20 3	19 44	23 53	19 1	4 16
S 8	23 19	22 4	4 56	25 0	1 51	10 51	3 19	7 1	1 17	21 2	0 31	15 7	1 41	21 44	0 0	17 10	0 27	20 36	2 57	20 4	19 44	23 51	19 2	4 16
S 9	23 22	24 45	4 30	24 47	1 45	11 4	3 22	7 14	1 17	21 5	0 31	15 5	1 41	21 44	0 0	17 10	0 27	20 36	2 56	20 6	19 45	23 49	19 2	4 16
M10	23 25	26 15	3 51	24 33	1 37	11 17	3 25	7 28	1 17	21 7	0 31	15 4	1 41	21 43	0 0	17 9	0 27	20 36	2 56	20 7	19 46	23 48	19 2	4 16
T 11	23 28	26 30	3 3	24 17	1 29	11 30	3 27	7 42	1 17	21 9	0 31	15 2	1 41	21 43	0 0	17 9	0 27	20 36	2 56	20 9	19 47	23 46	19 3	4 16
W12	23 30	25 31	2 7	24 1	1 20	11 44	3 29	7 55	1 17	21 12	0 31	15 0	1 41	21 43	0 0	17 8	0 27	20 36	2 56	20 10	19 47	23 44	19 3	4 16
T 13	23 32	23 23	1 6	23 43	1 9	11 57	3 31	8 9	1 17	21 14	0 31	14 59	1 41	21 42	0 0	17 8	0 27	20 36	2 56	20 10	19 48	23 42	19 3	4 16
F 14	23 33	20 16	0 2	23 24	0 58	12 11	3 33	8 22	1 17	21 16	0 31	14 57	1 41	21 42	0 0	17 7	0 27	20 37	2 56	20 10	19 49	23 41	19 3	4 16
S 15	23 34	16 19	1s 3	23 5	0 45	12 26	3 34	8 36	1 16	21 18	0 30	14 55	1 41	21 41	0 0	17 7	0 27	20 37	2 56	20 10	19 49	23 39	19 4	4 17
S 16	23 34	11 43	2 5	22 46	0 31	12 40	3 36	8 49	1 16	21 20	0 30	14 53	1 41	21 41	0 0	17 6	0 27	20 37	2 56	20 10	19 50	23 37	19 4	4 17
M17	23 34	6 38	3 2	22 27	0 16	12 55	3 37	9 2	1 16	21 22	0 30	14 51	1 41	21 41	0 0	17 6	0 27	20 37	2 56	20 10	19 51	23 35	19 4	4 17
T 18	23 33	1 14	3 52	22 7	0 0	13 10	3 38	9 16	1 16	21 24	0 30	14 49	1 40	21 40	0 0	17 5	0 27	20 37	2 56	20 9	19 52	23 34	19 4	4 17
W19	23 32	4s20	4 33	21 49	0n17	13 25	3 38	9 29	1 16	21 27	0 30	14 47	1 40	21 40	0 0	17 5	0 27	20 37	2 55	20 9	19 52	23 32	19 4	4 17
T 20	23 30	9 53	5 1	21 30	0 35	13 40	3 39	9 42	1 16	21 29	0 30	14 46	1 40	21 40	0 0	17 4	0 27	20 37	2 55	20 9	19 53	23 30	19 4	4 17
F 21	23 28	15 10	5 14	21 13	0 53	13 55	3 39	9 55	1 15	21 31	0 30	14 44	1 40	21 39	0 0	17 4	0 27	20 37	2 55	20 9	19 54	23 28	19 5	4 18
S 22	23 26	19 53	5 10	20 58	1 12	14 10	3 39	10 8	1 15	21 33	0 30	14 42	1 40	21 39	0 0	17 3	0 27	20 38	2 55	20 10	19 54	23 27	19 5	4 18
S 23	23 23	23 38	4 48	20 43	1 31	14 26	3 39	10 20	1 15	21 35	0 30	14 40	1 40	21 39	0 0	17 3	0 27	20 38	2 55	20 11	19 55	23 25	19 5	4 18
M24	23 19	25 59	4 6	20 30	1 50	14 41	3 39	10 33	1 15	21 36	0 30	14 38	1 40	21 38	0 0	17 2	0 27	20 38	2 55	20 11	19 56	23 23	19 5	4 18
T 25	23 15	26 32	3 6	20 19	2 9	14 56	3 39	10 46	1 15	21 38	0 30	14 36	1 40	21 38	0 0	17 2	0 27	20 38	2 55	20 12	19 57	23 21	19 5	4 18
W26	23 11	25 7	1 53	20 10	2 26	15 11	3 38	10 59	1 14	21 40	0 30	14 34	1 40	21 38	0 0	17 1	0 27	20 38	2 55	20 12	19 57	23 20	19 5	4 19
T 27	23 6	21 50	0 31	20 2	2 42	15 27	3 37	11 11	1 14	21 42	0 30	14 31	1 40	21 37	0 0	17 0	0 27	20 38	2 55	20 13	19 58	23 18	19 5	4 19
F 28	23 0	17 5	0n52	19 56	2 56	15 42	3 36	11 23	1 14	21 44	0 30	14 29	1 40	21 37	0 0	17 0	0 27	20 38	2 55	20 13	19 59	23 16	19 5	4 19
S 29	22 55	11 22	2 11	19 52	3 8	15 57	3 35	11 36	1 14	21 46	0 30	14 27	1 40	21 37	0 0	16 59	0 27	20 38	2 55	20 12	19 59	23 14	19 5	4 19
S 30	22 48	5 11	3 19	19 49	3 17	16 12	3 34	11 48	1 13	21 47	0 30	14 25	1 40	21 36	0 0	16 59	0 27	20 38	2 55	20 12	20 0	23 12	19 6	4 19
M31	22s42	1n 5	4n13	19s48	3n24	16s26	3n33	12s 0	1n13	21s49	0n30	14s23	1s40	21n36	0s 0	16s58	0s27	20s39	2n54	20s12	20s 1	23n11	19s 6	4n20

Julian Day Number = 2094677.5, Delta T = 22m36s
Ecliptic obliquity = 23°34'02, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'17, Lahiri = 10°14'17 Julian Calendar 1 Dec. 1022 == Greg. Calendar 7 Dec. 1022

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

JANUARY 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 2 13	16♑13'35	6♈39	8°R44	29♏24	5♏17	11♐55	26♒23	7°R 1	14♒39	27♐58	0♒18	1♒ 5	19♋35	23♐48	T 1
W 2	7 6 10	17°14'39	19°51	7♑38	0♐25	5°52	12° 7	26°29	6♊59	14°41	28° 0	0°R18	1° 2	19°42	23°54	W 2
T 3	7 10 6	18°15'43	2♉42	6°40	1°28	6°28	12°19	26°36	6°57	14°43	28° 2	0°17	0°58	19°49	24° 0	T 3
F 4	7 14 3	19°16'46	15°14	5°51	2°30	7° 3	12°31	26°42	6°55	14°45	28° 4	0°16	0°55	19°55	24° 6	F 4
S 5	7 17 59	20°17'48	27°32	5°10	3°33	7°38	12°44	26°49	6°54	14°47	28° 6	0°15	0°52	20° 2	24°11	S 5
S 6	7 21 56	21°18'48	9♊37	4°38	4°36	8°13	12°56	26°55	6°52	14°50	28° 8	0°14	0°49	20° 9	24°17	S 6
M 7	7 25 53	22°19'48	21°35	4°15	5°39	8°48	13° 8	27° 1	6°51	14°52	28°10	0°12	0°46	20°15	24°23	M 7
T 8	7 29 49	23°20'46	3♋26	4° 1	6°43	9°23	13°20	27° 8	6°49	14°54	28°12	0°11	0°43	20°22	24°29	T 8
W 9	7 33 46	24°21'44	15°15	3°D55	7°47	9°58	13°32	27°15	6°48	14°56	28°14	0°11	0°39	20°29	24°34	W 9
T 10	7 37 42	25°22'40	27° 3	3°57	8°52	10°33	13°43	27°21	6°46	14°58	28°16	0°D11	0°36	20°35	24°40	T 10
F 11	7 41 39	26°23'35	8♌52	4° 7	9°56	11° 8	13°55	27°28	6°45	15° 0	28°18	0°11	0°33	20°42	24°46	F 11
S 12	7 45 35	27°24'29	20°44	4°23	11° 1	11°43	14° 7	27°35	6°43	15° 3	28°20	0°11	0°30	20°48	24°51	S 12
S 13	7 49 32	28°25'22	2♍42	4°46	12° 6	12°17	14°19	27°41	6°42	15° 5	28°22	0°11	0°27	20°55	24°57	S 13
M14	7 53 28	29°26'14	14°49	5°14	13°12	12°52	14°30	27°48	6°41	15° 7	28°24	0°11	0°24	21° 2	25° 2	M14
T 15	7 57 25	0♒27'05	27° 6	5°48	14°17	13°27	14°42	27°55	6°39	15° 9	28°25	0°R11	0°20	21° 8	25° 8	T 15
W16	8 1 22	1°27'55	9♎38	6°27	15°23	14° 1	14°53	28° 2	6°38	15°11	28°27	0°11	0°17	21°15	25°13	W16
T 17	8 5 18	2°28'44	22°27	7°10	16°29	14°36	15° 4	28° 9	6°37	15°14	28°29	0°11	0°14	21°22	25°19	T 17
F 18	8 9 15	3°29'32	5♏38	7°57	17°35	15°10	15°15	28°16	6°36	15°16	28°31	0°D11	0°11	21°28	25°24	F 18
S 19	8 13 11	4°30'19	19°11	8°48	18°42	15°44	15°27	28°23	6°35	15°18	28°33	0°11	0° 8	21°35	25°29	S 19
S 20	8 17 8	5°31'05	3♐ 9	9°42	19°48	16°19	15°38	28°30	6°34	15°20	28°34	0°12	0° 4	21°42	25°35	S 20
M21	8 21 4	6°31'50	17°32	10°39	20°55	16°53	15°49	28°37	6°33	15°23	28°36	0°12	0° 1	21°48	25°40	M21
T 22	8 25 1	7°32'33	2♑17	11°39	22° 2	17°27	15°59	28°44	6°32	15°25	28°38	0°13	29♑58	21°55	25°45	T 22
W23	8 28 57	8°33'16	17°17	12°42	23°10	18° 1	16°10	28°51	6°31	15°27	28°40	0°13	29°55	22° 2	25°50	W23
T 24	8 32 54	9°33'57	2♒27	13°47	24°17	18°35	16°21	28°58	6°30	15°29	28°41	0°R13	29°52	22° 8	25°55	T 24
F 25	8 36 51	10°34'37	17°36	14°54	25°24	19° 9	16°31	29° 5	6°30	15°32	28°43	0°13	29°49	22°15	26° 0	F 25
S 26	8 40 47	11°35'15	2♓34	16° 4	26°32	19°43	16°42	29°12	6°29	15°34	28°45	0°12	29°45	22°22	26° 5	S 26
S 27	8 44 44	12°35'51	17°15	17°15	27°40	20°16	16°52	29°19	6°28	15°36	28°46	0°11	29°42	22°28	26°10	S 27
M28	8 48 40	13°36'26	1♈32	18°29	28°48	20°50	17° 3	29°27	6°28	15°39	28°48	0° 9	29°39	22°35	26°15	M28
T 29	8 52 37	14°36'58	15°21	19°43	29°56	21°23	17°13	29°34	6°27	15°41	28°50	0° 7	29°36	22°41	26°20	T 29
W30	8 56 33	15°37'29	28°43	21° 0	1♑ 4	21°57	17°23	29°41	6°27	15°43	28°51	0° 6	29°33	22°48	26°25	W30
T 31	9 0 30	16♒37'58	11♉39	22♑18	2♑13	22♏30	17♐33	29♒48	6♊26	15♒45	28♐53	0°D 5	29♑30	22♋55	26♐29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s34	7n 6	4n51	19s48	3n29	16s41	3n31	12s12	1n13	21s51	0n30	14s21	1s40	21n36	0s 0	16s57	0s27	20s39	2n54	20s12	20s 1	23n 9	19s 6	4n20
W 2	22 27	12 36	5 12	19 50	3 31	16 56	3 30	12 24	1 13	21 53	0 30	14 19	1 39	21 35	0 0	16 57	0 27	20 39	2 54	20 12	20 2	23 7	19 6	4 20
T 3	22 19	17 25	5 17	19 54	3 31	17 10	3 28	12 36	1 12	21 54	0 29	14 16	1 39	21 35	0 0	16 56	0 27	20 39	2 54	20 12	20 3	23 5	19 6	4 20
F 4	22 10	21 22	5 6	19 58	3 28	17 24	3 26	12 48	1 12	21 56	0 29	14 14	1 39	21 35	0 0	16 56	0 27	20 39	2 54	20 12	20 4	23 3	19 6	4 21
S 5	22 1	24 17	4 42	20 4	3 24	17 38	3 24	13 0	1 12	21 58	0 29	14 12	1 39	21 35	0 0	16 55	0 27	20 39	2 54	20 12	20 4	23 1	19 6	4 21
S 6	21 52	26 3	4 5	20 11	3 19	17 51	3 22	13 12	1 12	21 59	0 29	14 10	1 39	21 34	0 0	16 54	0 27	20 39	2 54	20 13	20 5	22 59	19 6	4 21
M 7	21 42	26 36	3 18	20 18	3 12	18 5	3 20	13 23	1 11	22 1	0 29	14 7	1 39	21 34	0 0	16 54	0 27	20 39	2 54	20 13	20 6	22 58	19 6	4 21
T 8	21 32	25 54	2 23	20 27	3 4	18 18	3 18	13 35	1 11	22 2	0 29	14 5	1 39	21 34	0 0	16 53	0 27	20 39	2 54	20 13	20 6	22 56	19 6	4 22
W 9	21 22	24 3	1 22	20 36	2 55	18 31	3 15	13 46	1 11	22 4	0 29	14 3	1 39	21 34	0 0	16 53	0 27	20 39	2 54	20 13	20 7	22 54	19 5	4 22
T 10	21 11	21 9	0 17	20 45	2 46	18 43	3 13	13 57	1 10	22 5	0 29	14 0	1 39	21 33	0 0	16 52	0 27	20 39	2 54	20 13	20 8	22 52	19 5	4 22
F 11	20 59	17 22	0s48	20 55	2 36	18 55	3 10	14 8	1 10	22 7	0 29	13 58	1 39	21 33	0 0	16 51	0 27	20 40	2 54	20 13	20 8	22 50	19 5	4 23
S 12	20 47	12 53	1 52	21 5	2 25	19 7	3 7	14 20	1 10	22 8	0 29	13 56	1 39	21 33	0n 0	16 51	0 27	20 40	2 54	20 13	20 9	22 48	19 5	4 23
S 13	20 35	7 54	2 51	21 14	2 14	19 19	3 5	14 31	1 9	22 9	0 29	13 53	1 39	21 33	0 0	16 50	0 27	20 40	2 54	20 13	20 10	22 46	19 5	4 23
M14	20 23	2 34	3 44	21 24	2 4	19 30	3 2	14 41	1 9	22 11	0 29	13 51	1 39	21 32	0 0	16 49	0 27	20 40	2 54	20 13	20 10	22 45	19 5	4 24
T 15	20 10	2s55	4 27	21 34	1 53	19 41	2 59	14 52	1 8	22 12	0 29	13 49	1 39	21 32	0 0	16 49	0 27	20 40	2 54	20 13	20 11	22 43	19 5	4 24
W16	19 56	8 24	4 58	21 43	1 42	19 51	2 56	15 3	1 8	22 14	0 29	13 46	1 39	21 32	0 0	16 48	0 27	20 40	2 54	20 13	20 12	22 41	19 5	4 24
T 17	19 43	13 39	5 15	21 52	1 31	20 1	2 52	15 14	1 8	22 15	0 29	13 44	1 39	21 32	0 0	16 47	0 27	20 40	2 54	20 13	20 13	22 39	19 5	4 24
F 18	19 29	18 26	5 17	22 0	1 20	20 11	2 49	15 24	1 7	22 16	0 29	13 41	1 39	21 32	0 0	16 47	0 27	20 40	2 53	20 13	20 13	22 37	19 5	4 25
S 19	19 14	22 26	5 1	22 7	1 9	20 20	2 46	15 34	1 7	22 17	0 29	13 39	1 39	21 32	0 0	16 46	0 27	20 40	2 53	20 13	20 14	22 35	19 4	4 25
S 20	18 59	25 16	4 27	22 14	0 59	20 28	2 43	15 45	1 6	22 19	0 29	13 36	1 39	21 31	0 0	16 45	0 27	20 40	2 53	20 13	20 15	22 33	19 4	4 25
M21	18 44	26 34	3 36	22 20	0 48	20 37	2 39	15 55	1 6	22 20	0 29	13 34	1 39	21 31	0 0	16 45	0 27	20 40	2 53	20 13	20 15	22 31	19 4	4 26
T 22	18 29	26 2	2 29	22 25	0 38	20 44	2 36	16 5	1 5	22 21	0 29	13 31	1 39	21 31	0 0	16 44	0 27	20 40	2 53	20 13	20 16	22 29	19 4	4 26
W23	18 13	23 37	1 11	22 29	0 28	20 51	2 32	16 15	1 5	22 22	0 29	13 29	1 39	21 31	0 0	16 43	0 27	20 40	2 53	20 13	20 17	22 27	19 4	4 27
T 24	17 57	19 31	0n12	22 32	0 19	20 58	2 28	16 25	1 5	22 23	0 29	13 26	1 39	21 31	0 0	16 43	0 27	20 40	2 53	20 13	20 17	22 25	19 3	4 27
F 25	17 41	14 8	1 35	22 35	0 9	21 4	2 25	16 35	1 4	22 24	0 29	13 24	1 39	21 31	0 0	16 42	0 27	20 40	2 53	20 13	20 18	22 23	19 3	4 27
S 26	17 24	7 58	2 50	22 36	0s 0	21 10	2 21	16 44	1 4	22 25	0 29	13 21	1 39	21 31	0 0	16 41	0 27	20 41	2 53	20 13	20 19	22 21	19 3	4 28
S 27	17 7	1 30	3 52	22 36	0 9	21 15	2 17	16 54	1 3	22 27	0 29	13 19	1 39	21 30	0 0	16 41	0 27	20 41	2 53	20 13	20 19	22 19	19 3	4 28
M28	16 50	4n52	4 38	22 35	0 18	21 20	2 14	17 3	1 3	22 28	0 29	13 16	1 39	21 30	0 0	16 40	0 27	20 41	2 53	20 14	20 20	22 17	19 3	4 28
T 29	16 32	10 47	5 6	22 33	0 26	21 24	2 10	17 12	1 2	22 29	0 29	13 14	1 39	21 30	0 0	16 39	0 27	20 41	2 53	20 14	20 21	22 15	19 2	4 29
W30	16 14	16 0	5 17	22 29	0 35	21 28	2 6	17 22	1 1	22 30	0 28	13 11	1 39	21 30	0 0	16 39	0 27	20 41	2 53	20 14	20 21	22 14	19 2	4 29
T 31	15s56	20n19	5n10	22s25	0s42	21s31	2n 2	17s31	1n 1	22s31	0n28	13s 9	1s39	21n30	0n 0	16s38	0s27	20s41	2n53	20s14	20s22	22n12	19s 2	4n30

Julian Day Number = 2094708.5, Delta T = 22m35s
Ecliptic obliquity = 23°34'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'21, Lahiri = 10°14'21 Julian Calendar 1 Jan. 1023 == Greg. Calendar 7 Jan. 1023

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

FEBRUARY 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 4 26	17♒38'25	24♉12	23♑37	3♑21	23♏ 3	17♐43	29♒56	6°R26	15♒48	28♐54	0♒ 5	29♑26	23♋ 1	26♐34	F 1
S 2	9 8 23	18°38'50	6♊27	24°58	4°30	23°36	17°52	0♓ 3	6♊26	15°50	28°56	0° 6	29°23	23° 8	26°39	S 2
S 3	9 12 20	19°39'13	18°29	26°20	5°39	24°10	18° 2	0°10	6°25	15°52	28°57	0° 8	29°20	23°15	26°43	S 3
M 4	9 16 16	20°39'35	0♋21	27°44	6°48	24°42	18°12	0°18	6°25	15°54	28°59	0° 9	29°17	23°21	26°48	M 4
T 5	9 20 13	21°39'54	12° 9	29° 9	7°57	25°15	18°21	0°25	6°25	15°57	29° 0	0°11	29°14	23°28	26°52	T 5
W 6	9 24 9	22°40'11	23°55	0♒35	9° 6	25°48	18°30	0°32	6°25	15°59	29° 2	0°12	29°10	23°35	26°56	W 6
T 7	9 28 6	23°40'26	5♌44	2° 2	10°15	26°21	18°40	0°40	6°25	16° 1	29° 3	0°R12	29° 7	23°41	27° 1	T 7
F 8	9 32 2	24°40'40	17°38	3°30	11°24	26°53	18°49	0°47	6°D25	16° 4	29° 5	0°11	29° 4	23°48	27° 5	F 8
S 9	9 35 59	25°40'51	29°39	4°59	12°34	27°26	18°58	0°54	6°25	16° 6	29° 6	0° 8	29° 1	23°55	27° 9	S 9
S 10	9 39 55	26°41'01	11♍49	6°30	13°43	27°58	19° 6	1° 2	6°25	16° 8	29° 7	0° 4	28°58	24° 1	27°13	S 10
M11	9 43 52	27°41'09	24° 9	8° 2	14°53	28°30	19°15	1° 9	6°25	16°10	29° 9	29♑59	28°55	24° 8	27°17	M11
T 12	9 47 49	28°41'15	6♎40	9°34	16° 3	29° 2	19°24	1°16	6°25	16°13	29°10	29°55	28°51	24°15	27°21	T 12
W13	9 51 45	29°41'19	19°24	11° 8	17°13	29°34	19°32	1°24	6°26	16°15	29°11	29°50	28°48	24°21	27°25	W13
T 14	9 55 42	0♓41'21	2♏22	12°43	18°22	0♐ 6	19°41	1°31	6°26	16°17	29°12	29°46	28°45	24°28	27°29	T 14
F 15	9 59 38	1°41'22	15°36	14°19	19°32	0°38	19°49	1°39	6°26	16°19	29°13	29°44	28°42	24°34	27°32	F 15
S 16	10 3 35	2°41'22	29° 6	15°57	20°43	1° 9	19°57	1°46	6°27	16°21	29°15	29°D43	28°39	24°41	27°36	S 16
S 17	10 7 31	3°41'20	12♐54	17°35	21°53	1°41	20° 5	1°53	6°27	16°24	29°16	29°43	28°35	24°48	27°40	S 17
M18	10 11 28	4°41'16	27° 0	19°15	23° 3	2°12	20°13	2° 1	6°28	16°26	29°17	29°44	28°32	24°54	27°43	M18
T 19	10 15 24	5°41'10	11♑24	20°55	24°13	2°43	20°20	2° 8	6°28	16°28	29°18	29°45	28°29	25° 1	27°47	T 19
W20	10 19 21	6°41'03	26° 2	22°37	25°24	3°14	20°28	2°16	6°29	16°30	29°19	29°R46	28°26	25° 8	27°50	W20
T 21	10 23 18	7°40'54	10♒51	24°20	26°34	3°45	20°35	2°23	6°30	16°32	29°20	29°46	28°23	25°14	27°53	T 21
F 22	10 27 14	8°40'43	25°44	26° 4	27°45	4°16	20°42	2°30	6°30	16°35	29°21	29°44	28°20	25°21	27°56	F 22
S 23	10 31 11	9°40'30	10♓33	27°49	28°55	4°47	20°49	2°38	6°31	16°37	29°22	29°40	28°16	25°28	28° 0	S 23
S 24	10 35 7	10°40'14	25°11	29°36	0♒ 6	5°17	20°56	2°45	6°32	16°39	29°23	29°34	28°13	25°34	28° 3	S 24
M25	10 39 4	11°39'57	9♈29	1♓24	1°17	5°47	21° 3	2°52	6°33	16°41	29°24	29°27	28°10	25°41	28° 6	M25
T 26	10 43 0	12°39'38	23°23	3°13	2°27	6°17	21°10	3° 0	6°34	16°43	29°25	29°20	28° 7	25°48	28° 9	T 26
W27	10 46 57	13°39'16	6♉51	5° 3	3°38	6°47	21°16	3° 7	6°35	16°45	29°26	29°14	28° 4	25°54	28°11	W27
T 28	10 50 53	14♓38'52	19♉53	6♓54	4♒49	7♐17	21♐23	3♓14	6♊36	16♒47	29♐27	29♑ 9	28♑ 1	26♋ 1	28♐14	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s38	23n35	4n49	22s19	0s50	21s33	1n58	17s40	1n 0	22s31	0n28	13s 6	1s39	21n30	0n 0	16s37	0s27	20s41	2n53	20s14	20s23	22n10	19s 1	4n30
S 2	15 19	25 42	4 15	22 11	0 57	21 35	1 54	17 49	1 0	22 32	0 28	13 4	1 39	21 30	0 0	16 37	0 27	20 41	2 53	20 14	20 23	22 8	19 1	4 30
S 3	15 0	26 34	3 31	22 3	1 4	21 37	1 50	17 57	0 59	22 33	0 28	13 1	1 39	21 30	0 0	16 36	0 27	20 41	2 53	20 14	20 24	22 6	19 1	4 31
M 4	14 41	26 12	2 38	21 53	1 11	21 37	1 46	18 6	0 59	22 34	0 28	12 58	1 39	21 30	0 0	16 35	0 27	20 41	2 53	20 14	20 25	22 4	19 1	4 31
T 5	14 22	24 38	1 38	21 42	1 17	21 38	1 42	18 15	0 58	22 35	0 28	12 56	1 39	21 30	0 0	16 35	0 27	20 41	2 53	20 13	20 25	22 2	19 0	4 32
W 6	14 2	22 0	0 35	21 29	1 23	21 37	1 38	18 23	0 57	22 36	0 28	12 53	1 39	21 30	0 0	16 34	0 27	20 41	2 53	20 13	20 26	22 0	19 0	4 32
T 7	13 42	18 27	0s31	21 16	1 29	21 36	1 34	18 31	0 57	22 37	0 28	12 51	1 39	21 30	0 0	16 33	0 27	20 41	2 53	20 13	20 27	21 58	19 0	4 32
F 8	13 22	14 8	1 35	21 0	1 34	21 35	1 30	18 39	0 56	22 37	0 28	12 48	1 39	21 30	0 0	16 33	0 27	20 41	2 53	20 13	20 27	21 55	18 59	4 33
S 9	13 2	9 14	2 35	20 44	1 40	21 33	1 26	18 48	0 55	22 38	0 28	12 45	1 39	21 30	0 0	16 32	0 28	20 41	2 53	20 14	20 28	21 53	18 59	4 33
S 10	12 41	3 57	3 29	20 26	1 44	21 30	1 22	18 56	0 55	22 39	0 28	12 43	1 39	21 30	0 0	16 31	0 28	20 41	2 53	20 15	20 29	21 51	18 59	4 34
M11	12 20	1s33	4 14	20 6	1 48	21 27	1 18	19 3	0 54	22 40	0 28	12 40	1 39	21 30	0 0	16 31	0 28	20 41	2 53	20 16	20 29	21 49	18 58	4 34
T 12	12 0	7 4	4 48	19 45	1 52	21 23	1 14	19 11	0 53	22 40	0 28	12 38	1 39	21 30	0 0	16 30	0 28	20 41	2 53	20 17	20 30	21 47	18 58	4 35
W13	11 39	12 22	5 8	19 23	1 56	21 18	1 10	19 19	0 52	22 41	0 28	12 35	1 39	21 30	0 0	16 29	0 28	20 41	2 53	20 18	20 31	21 45	18 58	4 35
T 14	11 17	17 15	5 13	18 59	1 59	21 13	1 6	19 26	0 52	22 42	0 28	12 32	1 39	21 30	0 0	16 29	0 28	20 41	2 53	20 18	20 31	21 43	18 57	4 35
F 15	10 56	21 23	5 1	18 34	2 2	21 7	1 2	19 34	0 51	22 42	0 28	12 30	1 40	21 30	0 0	16 28	0 28	20 41	2 53	20 19	20 32	21 41	18 57	4 36
S 16	10 34	24 30	4 33	18 7	2 4	21 1	0 57	19 41	0 50	22 43	0 28	12 27	1 40	21 30	0 0	16 27	0 28	20 41	2 53	20 19	20 33	21 39	18 56	4 36
S 17	10 12	26 15	3 49	17 39	2 6	20 54	0 53	19 48	0 49	22 44	0 28	12 24	1 40	21 30	0 0	16 27	0 28	20 41	2 53	20 19	20 33	21 37	18 56	4 37
M18	9 51	26 21	2 49	17 9	2 8	20 46	0 49	19 55	0 48	22 44	0 28	12 22	1 40	21 31	0 0	16 26	0 28	20 41	2 53	20 19	20 34	21 35	18 56	4 37
T 19	9 29	24 43	1 39	16 38	2 9	20 38	0 45	20 2	0 48	22 45	0 28	12 19	1 40	21 31	0 0	16 25	0 28	20 41	2 53	20 19	20 34	21 33	18 55	4 38
W20	9 6	21 23	0 20	16 6	2 10	20 30	0 41	20 9	0 47	22 46	0 28	12 17	1 40	21 31	0 0	16 25	0 28	20 41	2 53	20 18	20 35	21 31	18 55	4 38
T 21	8 44	16 38	1n 0	15 32	2 10	20 20	0 38	20 16	0 46	22 46	0 28	12 14	1 40	21 31	0 0	16 24	0 28	20 41	2 52	20 19	20 36	21 29	18 54	4 39
F 22	8 22	10 52	2 17	14 56	2 10	20 10	0 34	20 22	0 45	22 47	0 28	12 11	1 40	21 31	0 0	16 24	0 28	20 41	2 52	20 19	20 36	21 27	18 54	4 39
S 23	7 59	4 31	3 24	14 19	2 10	20 0	0 30	20 29	0 44	22 47	0 28	12 9	1 40	21 31	0 0	16 23	0 28	20 41	2 52	20 20	20 37	21 25	18 53	4 40
S 24	7 36	1n59	4 16	13 41	2 9	19 49	0 26	20 35	0 43	22 48	0 28	12 6	1 40	21 31	0 0	16 22	0 28	20 41	2 52	20 21	20 38	21 23	18 53	4 40
M25	7 13	8 14	4 51	13 1	2 7	19 37	0 22	20 42	0 42	22 48	0 28	12 4	1 40	21 32	0 0	16 22	0 28	20 42	2 52	20 23	20 38	21 20	18 53	4 41
T 26	6 51	13 53	5 8	12 19	2 5	19 25	0 18	20 48	0 41	22 49	0 28	12 1	1 40	21 32	0 0	16 21	0 28	20 42	2 52	20 24	20 39	21 18	18 52	4 41
W27	6 28	18 42	5 7	11 36	2 2	19 13	0 14	20 54	0 40	22 49	0 28	11 58	1 40	21 32	0 0	16 20	0 28	20 42	2 52	20 25	20 40	21 16	18 52	4 42
T 28	6s 5	22n27	4n50	10s52	1s59	18s59	0n11	21s 0	0n39	22s49	0n28	11s56	1s40	21n32	0n 0	16s20	0s28	20s42	2n52	20s26	20s40	21n14	18s51	4n42

Julian Day Number = 2094739.5, Delta T = 22m35s
Ecliptic obliquity = 23°34'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'25, Lahiri = 10°14'25 Julian Calendar 1 Feb. 1023 == Greg. Calendar 7 Feb. 1023

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MARCH 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 54 50	15♓38'26	2♊31	8♓47	6♒ 0	7♐47	21♐29	3♓22	6♊37	16♒49	29♐27	29°R 6	27♑57	26♋ 7	28♐17	F 1
S 2	10 58 47	16°37'57	14°48	10°41	7°11	8°16	21°35	3°29	6°38	16°51	29°28	29°D 5	27°54	26°14	28°20	S 2
S 3	11 2 43	17°37'26	26°50	12°36	8°22	8°45	21°41	3°36	6°39	16°53	29°29	29♑ 5	27°51	26°21	28°22	S 3
M 4	11 6 40	18°36'53	8♋42	14°32	9°33	9°14	21°47	3°44	6°41	16°55	29°30	29° 7	27°48	26°27	28°25	M 4
T 5	11 10 36	19°36'17	20°30	16°29	10°44	9°43	21°52	3°51	6°42	16°57	29°30	29° 8	27°45	26°34	28°27	T 5
W 6	11 14 33	20°35'39	2♌17	18°28	11°55	10°12	21°58	3°58	6°43	16°59	29°31	29°R 8	27°41	26°41	28°29	W 6
T 7	11 18 29	21°34'59	14° 9	20°28	13° 7	10°40	22° 3	4° 5	6°45	17° 1	29°32	29° 7	27°38	26°47	28°31	T 7
F 8	11 22 26	22°34'16	26° 9	22°28	14°18	11° 8	22° 8	4°12	6°46	17° 3	29°32	29° 3	27°35	26°54	28°34	F 8
S 9	11 26 22	23°33'32	8♍20	24°30	15°29	11°37	22°13	4°20	6°48	17° 5	29°33	28°57	27°32	27° 1	28°36	S 9
S 10	11 30 19	24°32'45	20°44	26°32	16°41	12° 4	22°18	4°27	6°49	17° 7	29°33	28°49	27°29	27° 7	28°38	S 10
M11	11 34 16	25°31'55	3♎21	28°35	17°52	12°32	22°22	4°34	6°51	17° 9	29°34	28°39	27°26	27°14	28°39	M11
T 12	11 38 12	26°31'04	16°12	0♈38	19° 3	12°59	22°27	4°41	6°52	17°11	29°34	28°29	27°22	27°21	28°41	T 12
W13	11 42 9	27°30'11	29°17	2°42	20°15	13°27	22°31	4°48	6°54	17°13	29°35	28°19	27°19	27°27	28°43	W13
T 14	11 46 5	28°29'16	12♏33	4°46	21°26	13°54	22°35	4°55	6°56	17°14	29°35	28°10	27°16	27°34	28°45	T 14
F 15	11 50 2	29°28'19	26° 1	6°49	22°38	14°20	22°39	5° 2	6°58	17°16	29°35	28° 3	27°13	27°40	28°46	F 15
S 16	11 53 58	0♈27'20	9♐40	8°52	23°49	14°47	22°43	5° 9	6°59	17°18	29°36	27°59	27°10	27°47	28°48	S 16
S 17	11 57 55	1°26'20	23°29	10°54	25° 1	15°13	22°46	5°16	7° 1	17°20	29°36	27°57	27° 7	27°54	28°49	S 17
M18	12 1 51	2°25'18	7♑29	12°55	26°13	15°39	22°50	5°23	7° 3	17°22	29°36	27°D57	27° 3	28° 0	28°50	M18
T 19	12 5 48	3°24'14	21°38	14°54	27°24	16° 5	22°53	5°29	7° 5	17°23	29°37	27°R57	27° 0	28° 7	28°52	T 19
W20	12 9 45	4°23'08	5♒56	16°52	28°36	16°30	22°56	5°36	7° 7	17°25	29°37	27°57	26°57	28°14	28°53	W20
T 21	12 13 41	5°22'00	20°20	18°47	29°48	16°55	22°59	5°43	7° 9	17°27	29°37	27°56	26°54	28°20	28°54	T 21
F 22	12 17 38	6°20'51	4♓48	20°40	1♓ 0	17°20	23° 2	5°50	7°11	17°28	29°37	27°51	26°51	28°27	28°55	F 22
S 23	12 21 34	7°19'39	19°14	22°30	2°12	17°45	23° 4	5°57	7°14	17°30	29°37	27°44	26°47	28°34	28°56	S 23
S 24	12 25 31	8°18'26	3♈32	24°16	3°23	18° 9	23° 6	6° 3	7°16	17°32	29°38	27°35	26°44	28°40	28°56	S 24
M25	12 29 27	9°17'11	17°37	25°59	4°35	18°33	23° 8	6°10	7°18	17°33	29°38	27°23	26°41	28°47	28°57	M25
T 26	12 33 24	10°15'53	1♉23	27°38	5°47	18°57	23°10	6°16	7°20	17°35	29°38	27°12	26°38	28°54	28°58	T 26
W27	12 37 20	11°14'34	14°47	29°13	6°59	19°20	23°12	6°23	7°22	17°36	29°R38	27° 1	26°35	29° 0	28°58	W27
T 28	12 41 17	12°13'12	27°47	0♉44	8°11	19°43	23°14	6°29	7°25	17°38	29°38	26°52	26°32	29° 7	28°59	T 28
F 29	12 45 13	13°11'49	10♊26	2°10	9°23	20° 6	23°15	6°36	7°27	17°39	29°38	26°45	26°28	29°14	28°59	F 29
S 30	12 49 10	14°10'23	22°45	3°31	10°35	20°28	23°16	6°42	7°30	17°41	29°37	26°41	26°25	29°20	28°59	S 30
S 31	12 53 7	15♈ 8'55	4♋48	4♉48	11♓47	20♐50	23♐17	6♓49	7♊32	17♒42	29♐37	26♑40	26♑22	29♋27	28♐59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s41	25n 0	4n19	10s 7	1s56	18s46	0n 7	21s 6	0n38	22s50	0n28	11s53	1s40	21n32	0n 0	16s19	0s28	20s42	2n52	20s27	20s41	21n12	18s51	4n43
S 2	5 18	26 17	3 37	9 19	1 52	18 31	0 3	21 12	0 37	22 50	0 28	11 51	1 41	21 32	0 0	16 19	0 28	20 42	2 52	20 27	20 42	21 10	18 50	4 43
S 3	4 55	26 17	2 46	8 31	1 47	18 17	0s 0	21 17	0 36	22 51	0 28	11 48	1 41	21 33	0 0	16 18	0 28	20 42	2 52	20 27	20 42	21 8	18 50	4 44
M 4	4 32	25 5	1 48	7 41	1 42	18 1	0 4	21 23	0 35	22 51	0 28	11 45	1 41	21 33	0 0	16 17	0 28	20 42	2 52	20 27	20 43	21 6	18 49	4 44
T 5	4 8	22 46	0 47	6 50	1 36	17 45	0 8	21 28	0 34	22 51	0 28	11 43	1 41	21 33	0 0	16 17	0 28	20 42	2 52	20 26	20 43	21 3	18 49	4 45
W 6	3 45	19 29	0s17	5 58	1 30	17 29	0 11	21 34	0 32	22 52	0 28	11 40	1 41	21 33	0 1	16 16	0 28	20 42	2 52	20 26	20 44	21 1	18 48	4 45
T 7	3 21	15 24	1 20	5 5	1 23	17 12	0 14	21 39	0 31	22 52	0 28	11 38	1 41	21 34	0 1	16 16	0 28	20 42	2 52	20 27	20 45	20 59	18 48	4 46
F 8	2 58	10 40	2 20	4 10	1 16	16 55	0 18	21 44	0 30	22 53	0 27	11 35	1 41	21 34	0 1	16 15	0 28	20 42	2 52	20 27	20 45	20 57	18 47	4 46
S 9	2 34	5 29	3 15	3 14	1 8	16 37	0 21	21 49	0 29	22 53	0 27	11 33	1 41	21 34	0 1	16 15	0 28	20 42	2 52	20 29	20 46	20 55	18 47	4 47
S 10	2 11	0 1	4 1	2 18	1 0	16 19	0 24	21 54	0 27	22 53	0 27	11 30	1 41	21 34	0 1	16 14	0 28	20 42	2 52	20 30	20 47	20 53	18 46	4 47
M11	1 47	5s33	4 36	1 21	0 51	16 0	0 28	21 59	0 26	22 53	0 27	11 28	1 41	21 35	0 1	16 13	0 28	20 42	2 52	20 32	20 47	20 51	18 46	4 48
T 12	1 23	10 59	4 58	0 23	0 42	15 41	0 31	22 4	0 25	22 54	0 27	11 25	1 42	21 35	0 1	16 13	0 28	20 42	2 52	20 34	20 48	20 48	18 45	4 48
W13	1 0	16 1	5 4	0n36	0 32	15 21	0 34	22 9	0 23	22 54	0 27	11 23	1 42	21 35	0 1	16 12	0 28	20 42	2 52	20 37	20 48	20 46	18 45	4 49
T 14	0 36	20 22	4 55	1 34	0 21	15 1	0 37	22 13	0 22	22 54	0 27	11 20	1 42	21 36	0 1	16 12	0 28	20 42	2 52	20 38	20 49	20 44	18 44	4 49
F 15	0 13	23 43	4 29	2 33	0 11	14 41	0 40	22 18	0 21	22 54	0 27	11 18	1 42	21 36	0 1	16 11	0 28	20 42	2 52	20 40	20 50	20 42	18 44	4 50
S 16	0n11	25 47	3 48	3 32	0n 0	14 20	0 43	22 23	0 19	22 55	0 27	11 15	1 42	21 36	0 1	16 11	0 28	20 42	2 52	20 41	20 50	20 40	18 43	4 50
S 17	0 35	26 17	2 53	4 30	0 11	13 58	0 46	22 27	0 18	22 55	0 27	11 13	1 42	21 37	0 1	16 10	0 28	20 42	2 52	20 41	20 51	20 37	18 43	4 51
M18	0 58	25 8	1 47	5 28	0 23	13 37	0 49	22 31	0 16	22 55	0 27	11 10	1 42	21 37	0 1	16 10	0 28	20 42	2 52	20 41	20 52	20 35	18 42	4 51
T 19	1 22	22 22	0 34	6 26	0 34	13 14	0 51	22 36	0 15	22 55	0 27	11 8	1 42	21 37	0 1	16 9	0 28	20 42	2 52	20 41	20 52	20 33	18 42	4 52
W20	1 45	18 12	0n42	7 22	0 46	12 52	0 54	22 40	0 13	22 56	0 27	11 6	1 43	21 38	0 1	16 9	0 28	20 42	2 52	20 41	20 53	20 31	18 41	4 53
T 21	2 9	12 57	1 56	8 17	0 57	12 29	0 57	22 44	0 11	22 56	0 27	11 3	1 43	21 38	0 1	16 8	0 28	20 42	2 52	20 41	20 53	20 29	18 41	4 53
F 22	2 32	6 58	3 3	9 10	1 8	12 6	0 59	22 48	0 10	22 56	0 27	11 1	1 43	21 38	0 1	16 8	0 28	20 42	2 52	20 42	20 54	20 26	18 40	4 54
S 23	2 55	0 39	3 57	10 2	1 20	11 43	1 2	22 52	0 8	22 56	0 27	10 58	1 43	21 39	0 1	16 7	0 28	20 42	2 52	20 44	20 55	20 24	18 40	4 54
S 24	3 19	5n38	4 36	10 52	1 31	11 19	1 4	22 56	0 6	22 56	0 27	10 56	1 43	21 39	0 1	16 7	0 28	20 42	2 52	20 45	20 55	20 22	18 39	4 55
M25	3 42	11 32	4 58	11 39	1 41	10 55	1 6	23 0	0 5	22 56	0 27	10 54	1 43	21 39	0 1	16 6	0 28	20 42	2 52	20 48	20 56	20 20	18 39	4 55
T 26	4 5	16 43	5 1	12 25	1 51	10 30	1 9	23 3	0 3	22 57	0 27	10 51	1 43	21 40	0 1	16 6	0 28	20 42	2 52	20 50	20 56	20 17	18 38	4 56
W27	4 28	20 56	4 48	13 8	2 1	10 5	1 11	23 7	0 1	22 57	0 27	10 49	1 43	21 40	0 1	16 5	0 28	20 42	2 52	20 52	20 57	20 15	18 38	4 56
T 28	4 51	23 59	4 20	13 49	2 10	9 40	1 13	23 11	0s 1	22 57	0 27	10 47	1 44	21 40	0 1	16 5	0 28	20 42	2 52	20 54	20 58	20 13	18 37	4 57
F 29	5 14	25 45	3 39	14 27	2 18	9 15	1 15	23 14	0 3	22 57	0 27	10 45	1 44	21 41	0 1	16 4	0 28	20 42	2 52	20 55	20 58	20 11	18 36	4 57
S 30	5 37	26 11	2 50	15 2	2 26	8 49	1 17	23 18	0 5	22 57	0 27	10 42	1 44	21 41	0 1	16 4	0 28	20 42	2 52	20 56	20 59	20 9	18 36	4 58
S 31	6n 0	25n22	1n53	15n35	2n32	8s24	1s19	23s21	0s 7	22s57	0n27	10s40	1s44	21n42	0n 1	16s 4	0s28	20s42	2n52	20s56	20s59	20n 6	18s35	4n58

Julian Day Number = 2094767.5, Delta T = 22m35s
Ecliptic obliquity = 23°34'02, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'29, Lahiri = 10°14'29 Julian Calendar 1 March 1023 == Greg. Calendar 7 March 1023

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1023
geocentric

APRIL 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 57 3	16♈ 7'24	16♋41	5♉59	12♓59	21♐12	23♐18	6♓55	7♊34	17♒44	29°R37	26°D39	26♑19	29♋33	28♐59	M 1
T 2	13 1 0	17° 5'52	28°30	7° 5	14°11	21°33	23°19	7° 1	7°37	17°45	29♐37	26°R39	26°16	29°40	28°R59	T 2
W 3	13 4 56	18° 4'17	10♌18	8° 7	15°23	21°54	23°19	7° 7	7°40	17°46	29°37	26♑39	26°13	29°47	28°59	W 3
T 4	13 8 53	19° 2'40	22°13	9° 2	16°35	22°14	23°19	7°14	7°42	17°48	29°37	26°37	26° 9	29°53	28°59	T 4
F 5	13 12 49	20° 1'01	4♍18	9°53	17°47	22°34	23°R20	7°20	7°45	17°49	29°36	26°32	26° 6	0♌ 0	28°59	F 5
S 6	13 16 46	20°59'20	16°38	10°38	18°59	22°54	23°19	7°26	7°47	17°50	29°36	26°25	26° 3	0° 7	28°59	S 6
S 7	13 20 42	21°57'37	29°14	11°17	20°12	23°13	23°19	7°32	7°50	17°52	29°36	26°15	26° 0	0°13	28°58	S 7
M 8	13 24 39	22°55'52	12♎ 8	11°51	21°24	23°32	23°19	7°38	7°53	17°53	29°35	26° 3	25°57	0°20	28°58	M 8
T 9	13 28 36	23°54'05	25°20	12°19	22°36	23°51	23°18	7°44	7°56	17°54	29°35	25°50	25°53	0°27	28°57	T 9
W10	13 32 32	24°52'16	8♏47	12°42	23°48	24° 9	23°17	7°50	7°58	17°55	29°35	25°38	25°50	0°33	28°56	W10
T 11	13 36 29	25°50'25	22°28	12°59	25° 0	24°26	23°16	7°55	8° 1	17°56	29°34	25°27	25°47	0°40	28°56	T 11
F 12	13 40 25	26°48'33	6♐19	13°11	26°13	24°43	23°15	8° 1	8° 4	17°57	29°34	25°18	25°44	0°47	28°55	F 12
S 13	13 44 22	27°46'40	20°18	13°17	27°25	25° 0	23°13	8° 7	8° 7	17°58	29°33	25°13	25°41	0°53	28°54	S 13
S 14	13 48 18	28°44'45	4♑20	13°R18	28°37	25°16	23°12	8°12	8°10	17°59	29°33	25°10	25°38	1° 0	28°53	S 14
M15	13 52 15	29°42'49	18°25	13°14	29°49	25°32	23°10	8°18	8°13	18° 0	29°32	25° 9	25°34	1° 6	28°52	M15
T 16	13 56 11	0♉40'51	2♒32	13° 5	1♈ 2	25°47	23° 8	8°23	8°16	18° 1	29°32	25° 9	25°31	1°13	28°51	T 16
W17	14 0 8	1°38'51	16°39	12°51	2°14	26° 1	23° 6	8°29	8°19	18° 2	29°31	25° 8	25°28	1°20	28°50	W17
T 18	14 4 5	2°36'51	0♓46	12°33	3°26	26°16	23° 4	8°34	8°22	18° 3	29°30	25° 6	25°25	1°26	28°48	T 18
F 19	14 8 1	3°34'49	14°51	12°10	4°39	26°29	23° 1	8°39	8°25	18° 4	29°30	25° 2	25°22	1°33	28°47	F 19
S 20	14 11 58	4°32'45	28°51	11°45	5°51	26°42	22°58	8°45	8°28	18° 5	29°29	24°54	25°18	1°40	28°45	S 20
S 21	14 15 54	5°30'40	12♈43	11°16	7° 4	26°54	22°55	8°50	8°31	18° 6	29°28	24°44	25°15	1°46	28°44	S 21
M22	14 19 51	6°28'34	26°24	10°45	8°16	27° 6	22°52	8°55	8°34	18° 7	29°28	24°33	25°12	1°53	28°42	M22
T 23	14 23 47	7°26'26	9♉51	10°11	9°29	27°18	22°49	9° 0	8°37	18° 7	29°27	24°21	25° 9	2° 0	28°41	T 23
W24	14 27 44	8°24'17	23° 0	9°37	10°41	27°28	22°46	9° 5	8°41	18° 8	29°26	24° 9	25° 6	2° 6	28°39	W24
T 25	14 31 40	9°22'06	5♊50	9° 1	11°53	27°38	22°42	9°10	8°44	18° 9	29°25	23°59	25° 3	2°13	28°37	T 25
F 26	14 35 37	10°19'54	18°22	8°26	13° 6	27°48	22°38	9°15	8°47	18°10	29°24	23°52	24°59	2°20	28°35	F 26
S 27	14 39 34	11°17'40	0♋38	7°51	14°18	27°56	22°34	9°19	8°50	18°10	29°24	23°47	24°56	2°26	28°33	S 27
S 28	14 43 30	12°15'24	12°40	7°17	15°31	28° 4	22°30	9°24	8°53	18°11	29°23	23°45	24°53	2°33	28°31	S 28
M29	14 47 27	13°13'07	24°33	6°44	16°43	28°12	22°26	9°29	8°57	18°11	29°22	23°D45	24°50	2°40	28°29	M29
T 30	14 51 23	14♉10'48	6♌22	6♉14	17♈56	28♐19	22♐22	9♓33	9♊ 0	18♒12	29♐21	23♑45	24♑47	2♌46	28♐27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n22	23n23	0n53	16n 4	2n38	7s58	1s21	23s25	0s 9	22s57	0n27	10s38	1s44	21n42	0n 1	16s 3	0s28	20s42	2n52	20s56	21s 0	20n 4	18s35	4n59
T 2	6 45	20 25	0s10	16 31	2 43	7 31	1 22	23 28	0 11	22 57	0 27	10 36	1 44	21 43	0 1	16 3	0 29	20 42	2 52	20 56	21 1	20 2	18 34	4 59
W 3	7 7	16 36	1 12	16 55	2 47	7 5	1 24	23 32	0 13	22 57	0 27	10 33	1 45	21 43	0 1	16 2	0 29	20 42	2 52	20 56	21 1	19 59	18 34	5 0
T 4	7 30	12 7	2 11	17 17	2 51	6 38	1 26	23 35	0 15	22 57	0 27	10 31	1 45	21 43	0 1	16 2	0 29	20 42	2 52	20 57	21 2	19 57	18 33	5 1
F 5	7 52	7 6	3 5	17 35	2 53	6 11	1 27	23 39	0 17	22 57	0 27	10 29	1 45	21 44	0 1	16 2	0 29	20 42	2 52	20 58	21 2	19 55	18 33	5 1
S 6	8 14	1 45	3 52	17 50	2 54	5 44	1 29	23 42	0 19	22 57	0 27	10 27	1 45	21 44	0 1	16 1	0 29	20 42	2 52	20 59	21 3	19 53	18 32	5 2
S 7	8 36	3s47	4 28	18 3	2 54	5 17	1 30	23 45	0 22	22 57	0 26	10 25	1 45	21 45	0 1	16 1	0 29	20 42	2 52	21 1	21 4	19 50	18 32	5 2
M 8	8 58	9 17	4 52	18 12	2 52	4 50	1 31	23 48	0 24	22 57	0 26	10 23	1 45	21 45	0 1	16 1	0 29	20 42	2 52	21 3	21 4	19 48	18 31	5 3
T 9	9 19	14 30	5 0	18 19	2 50	4 22	1 32	23 52	0 26	22 57	0 26	10 21	1 46	21 46	0 1	16 0	0 29	20 42	2 52	21 5	21 5	19 46	18 31	5 3
W10	9 41	19 7	4 53	18 22	2 46	3 54	1 34	23 55	0 29	22 57	0 26	10 19	1 46	21 46	0 1	16 0	0 29	20 42	2 52	21 8	21 5	19 44	18 30	5 4
T 11	10 2	22 48	4 28	18 23	2 42	3 26	1 35	23 58	0 31	22 57	0 26	10 17	1 46	21 47	0 1	16 0	0 29	20 42	2 52	21 10	21 6	19 41	18 30	5 4
F 12	10 23	25 13	3 48	18 21	2 36	2 58	1 36	24 1	0 34	22 57	0 26	10 15	1 46	21 47	0 1	15 59	0 29	20 42	2 52	21 11	21 7	19 39	18 29	5 5
S 13	10 44	26 5	2 53	18 16	2 28	2 30	1 36	24 5	0 36	22 57	0 26	10 13	1 46	21 48	0 1	15 59	0 29	20 42	2 52	21 12	21 7	19 37	18 29	5 5
S 14	11 5	25 17	1 48	18 8	2 20	2 2	1 37	24 8	0 39	22 57	0 26	10 11	1 46	21 48	0 1	15 59	0 29	20 42	2 52	21 13	21 8	19 34	18 28	5 6
M15	11 26	22 53	0 36	17 57	2 10	1 34	1 38	24 11	0 42	22 57	0 26	10 9	1 47	21 48	0 1	15 58	0 29	20 42	2 52	21 13	21 8	19 32	18 28	5 6
T 16	11 46	19 4	0n39	17 44	1 59	1 6	1 39	24 14	0 44	22 57	0 26	10 7	1 47	21 49	0 1	15 58	0 29	20 42	2 52	21 13	21 9	19 30	18 27	5 7
W17	12 7	14 10	1 51	17 29	1 47	0 37	1 39	24 17	0 47	22 57	0 26	10 5	1 47	21 49	0 1	15 58	0 29	20 42	2 52	21 13	21 10	19 27	18 27	5 7
T 18	12 27	8 31	2 56	17 11	1 34	0 9	1 40	24 21	0 50	22 57	0 26	10 3	1 47	21 50	0 1	15 58	0 29	20 42	2 52	21 14	21 10	19 25	18 26	5 8
F 19	12 47	2 27	3 51	16 50	1 20	0n20	1 40	24 24	0 53	22 57	0 26	10 1	1 47	21 50	0 1	15 57	0 29	20 42	2 52	21 14	21 11	19 23	18 26	5 8
S 20	13 6	3n41	4 31	16 28	1 5	0 48	1 40	24 27	0 56	22 57	0 26	10 0	1 48	21 51	0 1	15 57	0 29	20 42	2 52	21 16	21 11	19 20	18 25	5 9
S 21	13 26	9 34	4 54	16 4	0 49	1 17	1 41	24 30	0 59	22 57	0 26	9 58	1 48	21 51	0 1	15 57	0 29	20 42	2 52	21 18	21 12	19 18	18 25	5 9
M22	13 45	14 54	5 1	15 39	0 33	1 45	1 41	24 34	1 2	22 57	0 26	9 56	1 48	21 52	0 1	15 57	0 29	20 42	2 52	21 20	21 13	19 16	18 24	5 10
T 23	14 4	19 25	4 50	15 12	0 16	2 14	1 41	24 37	1 5	22 57	0 26	9 54	1 48	21 52	0 1	15 56	0 29	20 42	2 52	21 22	21 13	19 13	18 24	5 10
W24	14 23	22 53	4 24	14 45	0s 1	2 42	1 41	24 40	1 8	22 57	0 26	9 53	1 48	21 53	0 1	15 56	0 29	20 42	2 52	21 24	21 14	19 11	18 23	5 11
T 25	14 41	25 5	3 45	14 17	0 18	3 11	1 41	24 44	1 11	22 56	0 25	9 51	1 49	21 53	0 1	15 56	0 29	20 42	2 52	21 25	21 14	19 9	18 23	5 11
F 26	15 0	25 59	2 56	13 49	0 36	3 39	1 41	24 47	1 14	22 56	0 25	9 49	1 49	21 54	0 1	15 56	0 29	20 42	2 52	21 27	21 15	19 6	18 22	5 12
S 27	15 18	25 34	2 0	13 22	0 53	4 7	1 41	24 51	1 18	22 56	0 25	9 48	1 49	21 54	0 1	15 56	0 29	20 42	2 52	21 28	21 15	19 4	18 22	5 12
S 28	15 36	23 56	0 59	12 55	1 10	4 36	1 40	24 54	1 21	22 56	0 25	9 46	1 49	21 55	0 1	15 55	0 29	20 42	2 52	21 28	21 16	19 2	18 21	5 12
M29	15 53	21 15	0s 4	12 29	1 26	5 4	1 40	24 58	1 24	22 56	0 25	9 45	1 49	21 55	0 1	15 55	0 29	20 42	2 51	21 28	21 17	18 59	18 21	5 13
T 30	16n11	17n42	1s 7	12n 4	1s42	5n32	1s40	25s 1	1s28	22s56	0n25	9s43	1s50	21n56	0n 1	15s55	0s29	20s42	2n51	21s28	21s17	18n57	18s20	5n13

Julian Day Number = 2094798.5, Delta T = 22m34s
Ecliptic obliquity = 23°34'02, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'33, Lahiri = 10°14'34 Julian Calendar 1 Apr. 1023 == Greg. Calendar 7 Apr. 1023

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

MAY 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 55 20	15♉ 8'28	18♌11	5°R47	19♈ 8	28♐25	22°R17	9♓38	9♊ 3	18♒12	29°R20	23°R45	24♑44	2♌53	28°R24	W 1
T 2	14 59 16	16° 6'06	0♍ 7	5♉22	20°21	28°30	22♐12	9°42	9° 7	18°13	29♐19	23♑44	24°40	2°59	28♐22	T 2
F 3	15 3 13	17° 3'42	12°14	5° 1	21°34	28°35	22° 7	9°46	9°10	18°13	29°18	23°41	24°37	3° 6	28°20	F 3
S 4	15 7 9	18° 1'17	24°38	4°44	22°46	28°39	22° 2	9°50	9°13	18°14	29°17	23°36	24°34	3°13	28°17	S 4
S 5	15 11 6	18°58'50	7♎21	4°31	23°59	28°42	21°57	9°55	9°17	18°14	29°16	23°29	24°31	3°19	28°15	S 5
M 6	15 15 3	19°56'22	20°26	4°22	25°11	28°45	21°52	9°59	9°20	18°14	29°15	23°19	24°28	3°26	28°12	M 6
T 7	15 18 59	20°53'52	3♏54	4°18	26°24	28°47	21°46	10° 3	9°24	18°15	29°14	23° 9	24°24	3°33	28° 9	T 7
W 8	15 22 56	21°51'22	17°41	4°D17	27°36	28°48	21°41	10° 6	9°27	18°15	29°13	22°59	24°21	3°39	28° 7	W 8
T 9	15 26 52	22°48'50	1♐46	4°22	28°49	28°R49	21°35	10°10	9°31	18°15	29°11	22°51	24°18	3°46	28° 4	T 9
F 10	15 30 49	23°46'17	16° 2	4°31	0♑ 2	28°49	21°29	10°14	9°34	18°16	29°10	22°44	24°15	3°53	28° 1	F 10
S 11	15 34 45	24°43'44	0♑25	4°44	1°14	28°48	21°23	10°18	9°37	18°16	29° 9	22°40	24°12	3°59	27°58	S 11
S 12	15 38 42	25°41'09	14°50	5° 2	2°27	28°46	21°17	10°21	9°41	18°16	29° 8	22°38	24° 9	4° 6	27°55	S 12
M13	15 42 38	26°38'34	29°12	5°24	3°40	28°43	21°11	10°25	9°44	18°16	29° 7	22°D38	24° 5	4°13	27°52	M13
T 14	15 46 35	27°35'58	13♒29	5°50	4°53	28°40	21° 5	10°28	9°48	18°16	29° 6	22°38	24° 2	4°19	27°49	T 14
W15	15 50 32	28°33'21	27°37	6°21	6° 5	28°36	20°58	10°31	9°51	18°16	29° 4	22°R39	23°59	4°26	27°46	W15
T 16	15 54 28	29°30'44	11♓37	6°56	7°18	28°31	20°52	10°34	9°55	18°R16	29° 3	22°38	23°56	4°33	27°43	T 16
F 17	15 58 25	0♊28'06	25°27	7°35	8°31	28°26	20°45	10°38	9°58	18°16	29° 2	22°36	23°53	4°39	27°40	F 17
S 18	16 2 21	1°25'27	9♈ 7	8°18	9°44	28°19	20°38	10°41	10° 2	18°16	29° 1	22°31	23°50	4°46	27°37	S 18
S 19	16 6 18	2°22'48	22°36	9° 5	10°56	28°12	20°31	10°44	10° 6	18°16	28°59	22°25	23°46	4°52	27°33	S 19
M20	16 10 14	3°20'08	5♉52	9°56	12° 9	28° 5	20°24	10°46	10° 9	18°16	28°58	22°17	23°43	4°59	27°30	M20
T 21	16 14 11	4°17'28	18°55	10°50	13°22	27°56	20°17	10°49	10°13	18°16	28°57	22° 8	23°40	5° 6	27°27	T 21
W22	16 18 7	5°14'47	1♊44	11°48	14°35	27°47	20°10	10°52	10°16	18°16	28°55	22° 0	23°37	5°12	27°23	W22
T 23	16 22 4	6°12'05	14°18	12°49	15°48	27°37	20° 3	10°54	10°20	18°15	28°54	21°54	23°34	5°19	27°20	T 23
F 24	16 26 1	7° 9'23	26°39	13°54	17° 1	27°26	19°56	10°57	10°23	18°15	28°53	21°49	23°30	5°26	27°16	F 24
S 25	16 29 57	8° 6'39	8♋47	15° 3	18°14	27°15	19°49	10°59	10°27	18°15	28°51	21°46	23°27	5°32	27°13	S 25
S 26	16 33 54	9° 3'55	20°44	16°14	19°26	27° 3	19°41	11° 2	10°30	18°15	28°50	21°D45	23°24	5°39	27° 9	S 26
M27	16 37 50	10° 1'11	2♌35	17°30	20°39	26°51	19°34	11° 4	10°34	18°14	28°48	21°46	23°21	5°46	27° 6	M27
T 28	16 41 47	10°58'25	14°23	18°48	21°52	26°37	19°26	11° 6	10°38	18°14	28°47	21°47	23°18	5°52	27° 2	T 28
W29	16 45 43	11°55'39	26°12	20°10	23° 5	26°24	19°19	11° 8	10°41	18°14	28°46	21°49	23°15	5°59	26°58	W29
T 30	16 49 40	12°52'52	8♍ 8	21°34	24°18	26°10	19°11	11°10	10°45	18°13	28°44	21°R50	23°11	6° 6	26°55	T 30
F 31	16 53 36	13♊50'04	20♍15	23♉ 2	25♉31	25♐55	19♐ 4	11♓11	10♊48	18♒13	28♐43	21♑50	23♑ 8	6♌12	26♐51	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n28	13n27	2s 6	11n40	1s57	6n 0	1s39	25s 5	1s31	22s55	0n25	9s42	1s50	21n57	0n 1	15s55	0s29	20s43	2n51	21s28	21s18	18n54	18s20	5n14
T 2	16 45	8 40	3 1	11 19	2 12	6 28	1 39	25 9	1 35	22 55	0 25	9 40	1 50	21 57	0 1	15 55	0 29	20 43	2 51	21 28	21 18	18 52	18 19	5 14
F 3	17 1	3 29	3 49	10 59	2 25	6 56	1 38	25 12	1 39	22 55	0 25	9 39	1 50	21 58	0 1	15 55	0 29	20 43	2 51	21 29	21 19	18 50	18 19	5 15
S 4	17 17	1s56	4 26	10 42	2 38	7 24	1 37	25 16	1 42	22 55	0 25	9 37	1 51	21 58	0 1	15 55	0 29	20 43	2 51	21 30	21 19	18 47	18 18	5 15
S 5	17 33	7 24	4 52	10 26	2 49	7 51	1 37	25 20	1 46	22 55	0 25	9 36	1 51	21 59	0 1	15 55	0 29	20 43	2 51	21 31	21 20	18 45	18 18	5 15
M 6	17 49	12 42	5 3	10 14	3 0	8 19	1 36	25 24	1 50	22 54	0 25	9 35	1 51	21 59	0 1	15 55	0 29	20 43	2 51	21 32	21 21	18 43	18 17	5 16
T 7	18 5	17 33	4 59	10 3	3 9	8 46	1 35	25 27	1 54	22 54	0 24	9 33	1 51	22 0	0 1	15 54	0 29	20 43	2 51	21 34	21 21	18 40	18 17	5 16
W 8	18 20	21 37	4 37	9 55	3 17	9 13	1 34	25 31	1 58	22 54	0 24	9 32	1 51	22 0	0 1	15 54	0 29	20 43	2 51	21 36	21 22	18 38	18 17	5 17
T 9	18 34	24 30	3 57	9 50	3 24	9 40	1 33	25 35	2 2	22 54	0 24	9 31	1 52	22 1	0 1	15 54	0 30	20 43	2 51	21 37	21 22	18 35	18 16	5 17
F 10	18 49	25 52	3 3	9 48	3 30	10 7	1 32	25 39	2 6	22 53	0 24	9 30	1 52	22 1	0 1	15 54	0 30	20 43	2 51	21 38	21 23	18 33	18 16	5 17
S 11	19 3	25 30	1 56	9 47	3 35	10 33	1 31	25 43	2 10	22 53	0 24	9 29	1 52	22 2	0 1	15 54	0 30	20 43	2 51	21 39	21 23	18 30	18 15	5 18
S 12	19 17	23 26	0 42	9 50	3 39	10 59	1 30	25 47	2 14	22 53	0 24	9 27	1 52	22 2	0 1	15 54	0 30	20 43	2 51	21 39	21 24	18 28	18 15	5 18
M13	19 31	19 51	0n35	9 54	3 42	11 25	1 28	25 51	2 18	22 52	0 24	9 26	1 53	22 3	0 1	15 54	0 30	20 43	2 51	21 39	21 24	18 26	18 14	5 19
T 14	19 44	15 7	1 50	10 1	3 44	11 51	1 27	25 55	2 22	22 52	0 24	9 25	1 53	22 3	0 1	15 54	0 30	20 43	2 51	21 39	21 25	18 23	18 14	5 19
W15	19 57	9 36	2 57	10 10	3 45	12 17	1 26	26 0	2 26	22 52	0 24	9 24	1 53	22 4	0 1	15 54	0 30	20 43	2 51	21 39	21 26	18 21	18 14	5 19
T 16	20 9	3 40	3 52	10 22	3 45	12 42	1 24	26 4	2 30	22 51	0 24	9 23	1 53	22 4	0 1	15 54	0 30	20 43	2 51	21 39	21 26	18 18	18 13	5 20
F 17	20 21	2n22	4 34	10 35	3 44	13 7	1 23	26 8	2 34	22 51	0 24	9 22	1 54	22 5	0 1	15 54	0 30	20 43	2 51	21 40	21 27	18 16	18 13	5 20
S 18	20 33	8 12	4 59	10 51	3 42	13 31	1 21	26 12	2 39	22 51	0 23	9 21	1 54	22 6	0 1	15 54	0 30	20 43	2 51	21 40	21 27	18 13	18 12	5 20
S 19	20 45	13 35	5 7	11 8	3 39	13 56	1 19	26 16	2 43	22 50	0 23	9 20	1 54	22 6	0 1	15 54	0 30	20 43	2 51	21 42	21 28	18 11	18 12	5 21
M20	20 56	18 14	4 59	11 27	3 36	14 20	1 18	26 20	2 47	22 50	0 23	9 20	1 54	22 7	0 1	15 54	0 30	20 43	2 50	21 43	21 28	18 9	18 12	5 21
T 21	21 7	21 56	4 35	11 48	3 32	14 43	1 16	26 25	2 52	22 50	0 23	9 19	1 55	22 7	0 1	15 55	0 30	20 43	2 50	21 44	21 29	18 6	18 11	5 21
W22	21 17	24 29	3 57	12 10	3 27	15 7	1 14	26 29	2 56	22 49	0 23	9 18	1 55	22 8	0 1	15 55	0 30	20 43	2 50	21 45	21 29	18 4	18 11	5 22
T 23	21 27	25 45	3 8	12 34	3 21	15 30	1 13	26 33	3 0	22 49	0 23	9 17	1 55	22 8	0 1	15 55	0 30	20 43	2 50	21 47	21 30	18 1	18 11	5 22
F 24	21 37	25 43	2 12	13 0	3 15	15 52	1 11	26 37	3 5	22 48	0 23	9 17	1 55	22 9	0 1	15 55	0 30	20 44	2 50	21 47	21 30	17 59	18 10	5 22
S 25	21 47	24 26	1 10	13 26	3 8	16 15	1 9	26 41	3 9	22 48	0 23	9 16	1 56	22 9	0 1	15 55	0 30	20 44	2 50	21 48	21 31	17 56	18 10	5 22
S 26	21 56	22 3	0 5	13 54	3 1	16 36	1 7	26 45	3 13	22 47	0 22	9 15	1 56	22 10	0 1	15 55	0 30	20 44	2 50	21 48	21 32	17 54	18 10	5 23
M27	22 4	18 44	0s59	14 23	2 53	16 58	1 5	26 49	3 17	22 47	0 22	9 15	1 56	22 10	0 1	15 55	0 30	20 44	2 50	21 48	21 32	17 51	18 9	5 23
T 28	22 12	14 41	2 0	14 53	2 44	17 19	1 3	26 53	3 22	22 46	0 22	9 14	1 56	22 11	0 1	15 55	0 30	20 44	2 50	21 48	21 33	17 49	18 9	5 23
W29	22 20	10 5	2 56	15 23	2 35	17 40	1 1	26 57	3 26	22 46	0 22	9 14	1 57	22 11	0 1	15 55	0 30	20 44	2 50	21 47	21 33	17 46	18 9	5 23
T 30	22 28	5 4	3 46	15 55	2 26	18 0	0 59	27 1	3 30	22 46	0 22	9 13	1 57	22 12	0 1	15 56	0 30	20 44	2 50	21 47	21 34	17 44	18 8	5 24
F 31	22n35	0s12	4s26	16n27	2s16	18n19	0s57	27s 4	3s34	22s45	0n22	9s13	1s57	22n12	0n 1	15s56	0s30	20s44	2n50	21s47	21s34	17n42	18s 8	5n24

Julian Day Number = 2094828.5, Delta T = 22m34s
Ecliptic obliquity = 23°34'01, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'37, Lahiri = 10°14'38 Julian Calendar 1 May 1023 == Greg. Calendar 7 May 1023

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

JUNE 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 57 33	14♊47'15	2♎39	24♉33	26♉44	25°R40	18°R56	11♓13	10♊52	18°R12	28°R41	21°R48	23♑ 5	6♌19	26°R47	S 1
S 2	17 1 30	15°44'26	15°23	26° 8	27°57	25♐24	18♐48	11°15	10°55	18♒12	28♐40	21♑45	23° 2	6°26	26♐44	S 2
M 3	17 5 26	16°41'37	28°31	27°45	29°10	25° 8	18°41	11°16	10°59	18°11	28°38	21°41	22°59	6°32	26°40	M 3
T 4	17 9 23	17°38'46	12♏ 4	29°25	0♊23	24°51	18°33	11°18	11° 3	18°11	28°37	21°36	22°56	6°39	26°36	T 4
W 5	17 13 19	18°35'56	26° 2	1♊ 9	1°36	24°35	18°25	11°19	11° 6	18°10	28°36	21°31	22°52	6°45	26°32	W 5
T 6	17 17 16	19°33'05	10♐22	2°55	2°49	24°18	18°18	11°20	11°10	18° 9	28°34	21°26	22°49	6°52	26°29	T 6
F 7	17 21 12	20°30'13	24°59	4°44	4° 2	24° 0	18°10	11°21	11°13	18° 9	28°33	21°23	22°46	6°59	26°25	F 7
S 8	17 25 9	21°27'22	9♑45	6°36	5°16	23°43	18° 2	11°22	11°17	18° 8	28°31	21°21	22°43	7° 5	26°21	S 8
S 9	17 29 6	22°24'30	24°34	8°30	6°29	23°25	17°55	11°23	11°20	18° 7	28°30	21°D21	22°40	7°12	26°17	S 9
M10	17 33 2	23°21'39	9♒19	10°28	7°42	23° 7	17°47	11°24	11°24	18° 6	28°28	21°22	22°36	7°19	26°13	M10
T 11	17 36 59	24°18'48	23°53	12°27	8°55	22°49	17°39	11°25	11°27	18° 6	28°27	21°23	22°33	7°25	26°10	T 11
W12	17 40 55	25°15'56	8♓14	14°29	10° 8	22°31	17°32	11°25	11°31	18° 5	28°25	21°24	22°30	7°32	26° 6	W12
T 13	17 44 52	26°13'05	22°18	16°32	11°21	22°13	17°24	11°26	11°34	18° 4	28°24	21°R25	22°27	7°39	26° 2	T 13
F 14	17 48 48	27°10'14	6♈ 4	18°38	12°35	21°55	17°17	11°26	11°38	18° 3	28°22	21°25	22°24	7°45	25°58	F 14
S 15	17 52 45	28° 7'24	19°33	20°44	13°48	21°38	17° 9	11°27	11°41	18° 2	28°21	21°23	22°21	7°52	25°54	S 15
S 16	17 56 41	29° 4'34	2♉45	22°52	15° 1	21°20	17° 2	11°27	11°45	18° 1	28°19	21°21	22°17	7°59	25°50	S 16
M17	18 0 38	0♋ 1'44	15°42	25° 1	16°15	21° 2	16°55	11°27	11°48	18° 0	28°18	21°18	22°14	8° 5	25°47	M17
T 18	18 4 35	0°58'55	28°25	27°10	17°28	20°45	16°47	11°R27	11°51	17°59	28°16	21°15	22°11	8°12	25°43	T 18
W19	18 8 31	1°56'06	10♊54	29°20	18°41	20°28	16°40	11°27	11°55	17°58	28°15	21°12	22° 8	8°19	25°39	W19
T 20	18 12 28	2°53'17	23°12	1♋30	19°55	20°11	16°33	11°27	11°58	17°57	28°13	21°10	22° 5	8°25	25°35	T 20
F 21	18 16 24	3°50'29	5♋19	3°39	21° 8	19°55	16°26	11°26	12° 2	17°56	28°12	21° 8	22° 2	8°32	25°32	F 21
S 22	18 20 21	4°47'41	17°18	5°48	22°22	19°39	16°19	11°26	12° 5	17°55	28°10	21°D 8	21°58	8°39	25°28	S 22
S 23	18 24 17	5°44'53	29°10	7°57	23°35	19°23	16°12	11°26	12° 8	17°54	28° 9	21° 8	21°55	8°45	25°24	S 23
M24	18 28 14	6°42'05	10♌58	10° 4	24°48	19° 8	16° 5	11°25	12°12	17°53	28° 7	21° 9	21°52	8°52	25°20	M24
T 25	18 32 10	7°39'18	22°46	12°10	26° 2	18°54	15°59	11°24	12°15	17°52	28° 6	21°10	21°49	8°59	25°17	T 25
W26	18 36 7	8°36'30	4♍35	14°15	27°15	18°40	15°52	11°23	12°18	17°51	28° 4	21°11	21°46	9° 5	25°13	W26
T 27	18 40 4	9°33'43	16°31	16°19	28°29	18°27	15°46	11°23	12°22	17°50	28° 3	21°12	21°42	9°12	25° 9	T 27
F 28	18 44 0	10°30'56	28°38	18°21	29°42	18°14	15°39	11°22	12°25	17°48	28° 1	21°13	21°39	9°18	25° 6	F 28
S 29	18 47 57	11°28'09	11♎ 0	20°22	0♋56	18° 2	15°33	11°20	12°28	17°47	28° 0	21°R13	21°36	9°25	25° 2	S 29
S 30	18 51 53	12♋25'23	23♎41	22♋21	2♋10	17♐51	15♐27	11♓19	12♊31	17♒46	27♐58	21♑13	21♑33	9♌32	24♐59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n42	5s34	4s55	16n59	2s 5	18n39	0s55	27s 8	3s38	22s45	0n22	9s12	1s57	22n13	0n 1	15s56	0s30	20s44	2n50	21s47	21s35	17n39	18s 8	5n24
S 2	22 48	10 51	5 10	17 32	1 55	18 57	0 53	27 12	3 43	22 44	0 22	9 12	1 58	22 13	0 1	15 56	0 30	20 44	2 50	21 48	21 35	17 37	18 7	5 24
M 3	22 54	15 49	5 10	18 5	1 44	19 16	0 50	27 15	3 47	22 44	0 21	9 11	1 58	22 14	0 1	15 56	0 30	20 44	2 49	21 49	21 36	17 34	18 7	5 24
T 4	22 59	20 10	4 52	18 38	1 33	19 33	0 48	27 18	3 50	22 43	0 21	9 11	1 58	22 14	0 1	15 57	0 30	20 44	2 49	21 49	21 36	17 32	18 7	5 25
W 5	23 4	23 32	4 17	19 11	1 21	19 51	0 46	27 21	3 54	22 42	0 21	9 11	1 58	22 15	0 1	15 57	0 30	20 44	2 49	21 50	21 37	17 29	18 7	5 25
T 6	23 9	25 31	3 26	19 43	1 9	20 7	0 44	27 24	3 58	22 42	0 21	9 11	1 59	22 15	0 1	15 57	0 30	20 44	2 49	21 51	21 37	17 27	18 6	5 25
F 7	23 13	25 48	2 19	20 15	0 58	20 24	0 41	27 27	4 2	22 41	0 21	9 10	1 59	22 16	0 1	15 57	0 30	20 44	2 49	21 51	21 38	17 24	18 6	5 25
S 8	23 17	24 15	1 3	20 46	0 46	20 39	0 39	27 30	4 5	22 41	0 21	9 10	1 59	22 16	0 1	15 57	0 30	20 44	2 49	21 52	21 39	17 22	18 6	5 25
S 9	23 21	21 2	0n18	21 17	0 34	20 54	0 37	27 33	4 9	22 40	0 21	9 10	1 59	22 17	0 1	15 58	0 30	20 45	2 49	21 52	21 39	17 19	18 6	5 25
M10	23 24	16 28	1 37	21 46	0 23	21 9	0 34	27 35	4 12	22 40	0 20	9 10	2 0	22 17	0 1	15 58	0 30	20 45	2 49	21 52	21 40	17 17	18 5	5 26
T 11	23 27	10 58	2 49	22 14	0 11	21 23	0 32	27 38	4 16	22 39	0 20	9 10	2 0	22 18	0 1	15 58	0 30	20 45	2 49	21 51	21 40	17 14	18 5	5 26
W12	23 29	4 59	3 50	22 40	0n 0	21 36	0 29	27 40	4 19	22 39	0 20	9 10	2 0	22 18	0 1	15 58	0 30	20 45	2 49	21 51	21 41	17 11	18 5	5 26
T 13	23 31	1n 8	4 35	23 4	0 11	21 49	0 27	27 42	4 22	22 38	0 20	9 10	2 1	22 19	0 1	15 59	0 30	20 45	2 49	21 51	21 41	17 9	18 5	5 26
F 14	23 32	7 4	5 4	23 27	0 22	22 1	0 25	27 44	4 25	22 38	0 20	9 10	2 1	22 19	0 1	15 59	0 30	20 45	2 48	21 51	21 42	17 6	18 4	5 26
S 15	23 33	12 32	5 15	23 47	0 32	22 13	0 22	27 46	4 28	22 37	0 20	9 10	2 1	22 20	0 1	15 59	0 30	20 45	2 48	21 51	21 42	17 4	18 4	5 26
S 16	23 34	17 19	5 9	24 5	0 42	22 24	0 20	27 47	4 31	22 36	0 20	9 11	2 1	22 20	0 1	16 0	0 31	20 45	2 48	21 52	21 43	17 1	18 4	5 26
M17	23 34	21 12	4 47	24 20	0 52	22 34	0 17	27 49	4 34	22 36	0 19	9 11	2 2	22 21	0 1	16 0	0 31	20 45	2 48	21 52	21 43	16 59	18 4	5 26
T 18	23 34	24 0	4 11	24 33	1 0	22 44	0 15	27 50	4 36	22 35	0 19	9 11	2 2	22 21	0 1	16 0	0 31	20 45	2 48	21 53	21 44	16 56	18 4	5 26
W19	23 33	25 34	3 24	24 42	1 8	22 53	0 12	27 51	4 38	22 35	0 19	9 11	2 2	22 22	0 1	16 1	0 31	20 45	2 48	21 53	21 44	16 54	18 3	5 26
T 20	23 32	25 52	2 28	24 49	1 16	23 1	0 10	27 52	4 41	22 34	0 19	9 12	2 2	22 22	0 1	16 1	0 31	20 45	2 48	21 53	21 45	16 51	18 3	5 26
F 21	23 31	24 54	1 26	24 53	1 23	23 9	0 7	27 53	4 43	22 34	0 19	9 12	2 3	22 23	0 1	16 1	0 31	20 46	2 48	21 54	21 45	16 49	18 3	5 26
S 22	23 29	22 47	0 21	24 55	1 29	23 16	0 5	27 54	4 45	22 33	0 19	9 12	2 3	22 23	0 1	16 2	0 31	20 46	2 48	21 54	21 46	16 46	18 3	5 26
S 23	23 26	19 43	0s44	24 53	1 34	23 22	0 3	27 54	4 47	22 33	0 18	9 13	2 3	22 24	0 1	16 2	0 31	20 46	2 47	21 54	21 46	16 44	18 3	5 26
M24	23 24	15 51	1 48	24 49	1 38	23 28	0 0	27 55	4 48	22 32	0 18	9 13	2 3	22 24	0 1	16 2	0 31	20 46	2 47	21 54	21 47	16 41	18 3	5 26
T 25	23 21	11 23	2 46	24 42	1 42	23 33	0n 2	27 55	4 50	22 32	0 18	9 14	2 4	22 24	0 1	16 3	0 31	20 46	2 47	21 53	21 47	16 38	18 3	5 26
W26	23 17	6 29	3 38	24 32	1 45	23 37	0 5	27 55	4 52	22 31	0 18	9 14	2 4	22 25	0 2	16 3	0 31	20 46	2 47	21 53	21 48	16 36	18 3	5 26
T 27	23 13	1 20	4 21	24 20	1 47	23 41	0 7	27 55	4 53	22 30	0 18	9 15	2 4	22 25	0 2	16 3	0 31	20 46	2 47	21 53	21 48	16 33	18 2	5 26
F 28	23 9	3s56	4 53	24 6	1 49	23 44	0 10	27 55	4 54	22 30	0 18	9 15	2 4	22 26	0 2	16 4	0 31	20 46	2 47	21 53	21 49	16 31	18 2	5 26
S 29	23 4	9 9	5 12	23 49	1 50	23 46	0 12	27 55	4 55	22 29	0 17	9 16	2 5	22 26	0 2	16 4	0 31	20 46	2 47	21 53	21 49	16 28	18 2	5 26
S 30	22n59	14s 9	5s17	23n31	1n50	23n47	0n14	27s55	4s56	22s29	0n17	9s17	2s 5	22n27	0n 2	16s 5	0s31	20s46	2n47	21s53	21s50	16n26	18s 2	5n26

Julian Day Number = 2094859.5, Delta T = 22m34s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'41, Lahiri = 10°14'42 Julian Calendar 1 June 1023 == Greg. Calendar 7 June 1023

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

JULY 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 55 50	13♋22'36	6♏46	24♋18	3♋23	17°R40	15°R21	11°R18	12♊34	17°R45	27°R57	21°R12	21♉30	9♌38	24°R55	M 1
T 2	18 59 46	14°19'51	20°16	26°13	4°37	17♐30	15♐15	11♓17	12°38	17♒43	27♐55	21♉12	21°27	9°45	24♐52	T 2
W 3	19 3 43	15°17'05	4♐13	28° 7	5°50	17°21	15° 9	11°15	12°41	17°42	27°54	21°11	21°23	9°52	24°48	W 3
T 4	19 7 39	16°14'20	18°36	29°59	7° 4	17°13	15° 4	11°14	12°44	17°41	27°53	21°10	21°20	9°58	24°45	T 4
F 5	19 11 36	17°11'36	3♉20	1♌50	8°18	17° 5	14°58	11°12	12°47	17°40	27°51	21°10	21°17	10° 5	24°41	F 5
S 6	19 15 33	18° 8'52	18°20	3°39	9°32	16°58	14°53	11°10	12°50	17°38	27°50	21°D10	21°14	10°12	24°38	S 6
S 7	19 19 29	19° 6'09	3♒27	5°26	10°45	16°52	14°48	11° 8	12°53	17°37	27°49	21°10	21°11	10°18	24°35	S 7
M 8	19 23 26	20° 3'27	18°32	7°11	11°59	16°47	14°43	11° 6	12°56	17°35	27°47	21°10	21° 8	10°25	24°32	M 8
T 9	19 27 22	21° 0'46	3♓26	8°54	13°13	16°43	14°38	11° 4	12°59	17°34	27°46	21°R10	21° 4	10°32	24°28	T 9
W10	19 31 19	21°58'05	18° 4	10°36	14°27	16°39	14°33	11° 2	13° 2	17°33	27°44	21°10	21° 1	10°38	24°25	W10
T 11	19 35 15	22°55'26	2♈19	12°16	15°40	16°37	14°28	11° 0	13° 5	17°31	27°43	21°10	20°58	10°45	24°22	T 11
F 12	19 39 12	23°52'48	16°11	13°55	16°54	16°35	14°24	10°58	13° 8	17°30	27°42	21°10	20°55	10°52	24°19	F 12
S 13	19 43 8	24°50'11	29°39	15°31	18° 8	16°33	14°20	10°55	13°11	17°28	27°41	21°D10	20°52	10°58	24°16	S 13
S 14	19 47 5	25°47'36	12♉44	17° 7	19°22	16°D33	14°16	10°53	13°14	17°27	27°39	21°10	20°48	11° 5	24°13	S 14
M15	19 51 2	26°45'01	25°30	18°40	20°36	16°34	14°12	10°50	13°17	17°25	27°38	21°10	20°45	11°12	24°10	M15
T 16	19 54 58	27°42'29	7♊58	20°12	21°50	16°35	14° 8	10°47	13°19	17°24	27°37	21°11	20°42	11°18	24° 7	T 16
W17	19 58 55	28°39'57	20°14	21°42	23° 4	16°37	14° 4	10°45	13°22	17°22	27°35	21°12	20°39	11°25	24° 5	W17
T 18	20 2 51	29°37'26	2♋18	23°10	24°18	16°40	14° 1	10°42	13°25	17°21	27°34	21°12	20°36	11°32	24° 2	T 18
F 19	20 6 48	0♌34'57	14°15	24°36	25°32	16°44	13°57	10°39	13°28	17°19	27°33	21°13	20°33	11°38	23°59	F 19
S 20	20 10 44	1°32'29	26° 6	26° 1	26°46	16°49	13°54	10°36	13°30	17°18	27°32	21°R13	20°29	11°45	23°56	S 20
S 21	20 14 41	2°30'02	7♌54	27°24	28° 0	16°55	13°51	10°33	13°33	17°16	27°31	21°12	20°26	11°52	23°54	S 21
M22	20 18 38	3°27'37	19°42	28°45	29°14	17° 1	13°49	10°30	13°35	17°14	27°30	21°11	20°23	11°58	23°51	M22
T 23	20 22 34	4°25'12	1♍31	0♍ 5	0♌28	17° 8	13°46	10°27	13°38	17°13	27°28	21°10	20°20	12° 5	23°49	T 23
W24	20 26 31	5°22'48	13°24	1°22	1°42	17°16	13°44	10°23	13°41	17°11	27°27	21° 8	20°17	12°12	23°47	W24
T 25	20 30 27	6°20'26	25°23	2°38	2°56	17°25	13°41	10°20	13°43	17°10	27°26	21° 5	20°14	12°18	23°44	T 25
F 26	20 34 24	7°18'05	7♎33	3°51	4°11	17°34	13°39	10°16	13°45	17° 8	27°25	21° 3	20°10	12°25	23°42	F 26
S 27	20 38 20	8°15'44	19°55	5° 2	5°25	17°45	13°38	10°13	13°48	17° 6	27°24	21° 2	20° 7	12°31	23°40	S 27
S 28	20 42 17	9°13'25	2♏35	6°12	6°39	17°56	13°36	10° 9	13°50	17° 5	27°23	21° 1	20° 4	12°38	23°38	S 28
M29	20 46 13	10°11'07	15°34	7°18	7°53	18° 7	13°35	10° 6	13°53	17° 3	27°22	21°D 1	20° 1	12°45	23°36	M29
T 30	20 50 10	11° 8'50	28°57	8°23	9° 7	18°20	13°33	10° 2	13°55	17° 1	27°21	21° 2	19°58	12°51	23°34	T 30
W31	20 54 6	12♌ 6'35	12♐45	9♍25	10♌22	18♐33	13♐32	9♓58	13♊57	17♒ 0	27♐20	21♉ 3	19♉54	12♌58	23♐32	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n53	18s39	5s 6	23n10	1n50	23n48	0n17	27s55	4s57	22s28	0n17	9s18	2s 5	22n27	0n 2	16s 5	0s31	20s47	2n47	21s53	21s50	16n23	18s 2	5n26
T 2	22 47	22 22	4 38	22 48	1 49	23 48	0 19	27 55	4 58	22 28	0 17	9 18	2 5	22 27	0 2	16 6	0 31	20 47	2 46	21 53	21 51	16 20	18 2	5 26
W 3	22 41	24 54	3 52	22 24	1 47	23 48	0 22	27 55	4 58	22 27	0 17	9 19	2 6	22 28	0 2	16 6	0 31	20 47	2 46	21 53	21 51	16 18	18 2	5 26
T 4	22 34	25 55	2 51	21 58	1 45	23 46	0 24	27 54	4 59	22 27	0 17	9 20	2 6	22 28	0 2	16 6	0 31	20 47	2 46	21 53	21 52	16 15	18 2	5 26
F 5	22 27	25 9	1 37	21 31	1 42	23 44	0 26	27 54	4 59	22 27	0 16	9 21	2 6	22 29	0 2	16 7	0 31	20 47	2 46	21 53	21 52	16 13	18 2	5 26
S 6	22 20	22 34	0 16	21 2	1 39	23 42	0 28	27 53	4 59	22 26	0 16	9 22	2 6	22 29	0 2	16 7	0 31	20 47	2 46	21 53	21 53	16 10	18 2	5 26
S 7	22 12	18 23	1n 8	20 33	1 35	23 38	0 31	27 53	5 0	22 26	0 16	9 23	2 7	22 29	0 2	16 8	0 31	20 47	2 46	21 53	21 53	16 7	18 2	5 26
M 8	22 4	13 2	2 26	20 2	1 30	23 34	0 33	27 52	5 0	22 25	0 16	9 24	2 7	22 30	0 2	16 8	0 31	20 47	2 46	21 53	21 54	16 5	18 2	5 26
T 9	21 55	6 58	3 34	19 30	1 26	23 29	0 35	27 52	4 59	22 25	0 16	9 25	2 7	22 30	0 2	16 9	0 31	20 47	2 45	21 53	21 54	16 2	18 2	5 26
W10	21 46	0 40	4 26	18 58	1 20	23 24	0 37	27 51	4 59	22 25	0 16	9 26	2 7	22 31	0 2	16 9	0 31	20 48	2 45	21 53	21 55	16 0	18 2	5 25
T 11	21 36	5n31	5 1	18 24	1 15	23 17	0 39	27 51	4 59	22 24	0 15	9 27	2 8	22 31	0 2	16 9	0 31	20 48	2 45	21 53	21 55	15 57	18 2	5 25
F 12	21 27	11 16	5 17	17 50	1 9	23 11	0 41	27 50	4 59	22 24	0 15	9 28	2 8	22 31	0 2	16 10	0 31	20 48	2 45	21 53	21 56	15 54	18 2	5 25
S 13	21 16	16 18	5 14	17 15	1 2	23 3	0 43	27 50	4 58	22 24	0 15	9 29	2 8	22 32	0 2	16 10	0 31	20 48	2 45	21 53	21 56	15 52	18 2	5 25
S 14	21 6	20 26	4 56	16 40	0 55	22 55	0 45	27 49	4 58	22 23	0 15	9 30	2 8	22 32	0 2	16 11	0 31	20 48	2 45	21 53	21 57	15 49	18 2	5 25
M15	20 55	23 29	4 23	16 5	0 48	22 46	0 47	27 49	4 57	22 23	0 15	9 31	2 8	22 32	0 2	16 11	0 31	20 48	2 45	21 53	21 57	15 47	18 2	5 25
T 16	20 44	25 20	3 38	15 28	0 41	22 36	0 49	27 48	4 57	22 23	0 14	9 32	2 9	22 33	0 2	16 12	0 31	20 48	2 44	21 53	21 58	15 44	18 2	5 25
W17	20 32	25 56	2 44	14 52	0 33	22 26	0 51	27 48	4 56	22 22	0 14	9 34	2 9	22 33	0 2	16 12	0 31	20 48	2 44	21 53	21 58	15 41	18 2	5 24
T 18	20 20	25 16	1 43	14 16	0 25	22 15	0 53	27 47	4 55	22 22	0 14	9 35	2 9	22 34	0 2	16 13	0 31	20 48	2 44	21 53	21 59	15 39	18 2	5 24
F 19	20 8	23 26	0 39	13 39	0 17	22 3	0 55	27 47	4 54	22 22	0 14	9 36	2 9	22 34	0 2	16 13	0 31	20 49	2 44	21 53	21 59	15 36	18 2	5 24
S 20	19 55	20 36	0s27	13 2	0 8	21 51	0 57	27 46	4 53	22 22	0 14	9 38	2 10	22 34	0 2	16 14	0 31	20 49	2 44	21 53	22 0	15 34	18 2	5 24
S 21	19 42	16 55	1 31	12 26	0s 1	21 38	0 58	27 46	4 52	22 22	0 14	9 39	2 10	22 35	0 2	16 14	0 31	20 49	2 44	21 53	22 0	15 31	18 2	5 24
M22	19 29	12 35	2 31	11 49	0 10	21 24	1 0	27 45	4 51	22 21	0 13	9 40	2 10	22 35	0 2	16 15	0 31	20 49	2 44	21 53	22 1	15 28	18 2	5 23
T 23	19 15	7 48	3 25	11 12	0 19	21 10	1 2	27 45	4 50	22 21	0 13	9 42	2 10	22 35	0 2	16 15	0 31	20 49	2 43	21 54	22 1	15 26	18 2	5 23
W24	19 1	2 43	4 10	10 36	0 29	20 55	1 3	27 45	4 49	22 21	0 13	9 43	2 10	22 36	0 2	16 16	0 31	20 49	2 43	21 54	22 2	15 23	18 3	5 23
T 25	18 47	2s31	4 45	10 0	0 38	20 39	1 5	27 44	4 47	22 21	0 13	9 45	2 11	22 36	0 2	16 16	0 31	20 49	2 43	21 54	22 2	15 20	18 3	5 23
F 26	18 33	7 42	5 7	9 24	0 48	20 23	1 6	27 44	4 46	22 21	0 13	9 46	2 11	22 36	0 2	16 17	0 31	20 50	2 43	21 55	22 3	15 18	18 3	5 22
S 27	18 18	12 42	5 16	8 49	0 58	20 7	1 8	27 44	4 45	22 21	0 13	9 48	2 11	22 36	0 2	16 17	0 31	20 50	2 43	21 55	22 3	15 15	18 3	5 22
S 28	18 3	17 16	5 10	8 14	1 8	19 50	1 9	27 43	4 44	22 21	0 12	9 49	2 11	22 37	0 2	16 18	0 31	20 50	2 43	21 55	22 3	15 12	18 3	5 22
M29	17 47	21 10	4 48	7 40	1 18	19 32	1 11	27 43	4 42	22 21	0 12	9 51	2 11	22 37	0 2	16 18	0 31	20 50	2 43	21 55	22 4	15 10	18 3	5 22
T 30	17 31	24 5	4 9	7 6	1 28	19 13	1 12	27 43	4 41	22 21	0 12	9 52	2 12	22 37	0 2	16 19	0 31	20 50	2 42	21 55	22 4	15 7	18 3	5 21
W31	17n15	25s41	3s16	6n34	1s39	18n55	1n13	27s42	4s39	22s21	0n12	9s54	2s12	22n38	0n 2	16s19	0s31	20s50	2n42	21s55	22s 5	15n 4	18s 4	5n21

Julian Day Number = 2094889.5, Delta T = 22m33s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'46, Lahiri = 10°14'46 Julian Calendar 1 July 1023 == Greg. Calendar 7 July 1023

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

AUGUST 1023 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 58 3	13♌ 4'20	26♐59	10♍25	11♌36	18♐47	13°R31	9°R54	13♊59	16°R58	27°R19	21♑ 4	19♑51	13♌ 5	23°R30	T 1
F 2	21 2 0	14° 2'07	11♑37	11°22	12°50	19° 2	13♐31	9♓51	14° 2	16♒57	27♐18	21° 5	19°48	13°11	23♐28	F 2
S 3	21 5 56	14°59'55	26°35	12°16	14° 5	19°17	13°30	9°47	14° 4	16°55	27°17	21°R 5	19°45	13°18	23°27	S 3
S 4	21 9 53	15°57'45	11♒46	13° 7	15°19	19°33	13°30	9°43	14° 6	16°53	27°16	21° 4	19°42	13°25	23°25	S 4
M 5	21 13 49	16°55'35	27° 0	13°54	16°33	19°50	13°D30	9°39	14° 8	16°52	27°16	21° 2	19°39	13°31	23°24	M 5
T 6	21 17 46	17°53'28	12♓ 8	14°39	17°48	20° 7	13°30	9°35	14°10	16°50	27°15	20°59	19°35	13°38	23°22	T 6
W 7	21 21 42	18°51'22	27° 0	15°20	19° 2	20°25	13°30	9°30	14°12	16°48	27°14	20°55	19°32	13°45	23°21	W 7
T 8	21 25 39	19°49'18	11♈28	15°56	20°16	20°43	13°30	9°26	14°14	16°47	27°13	20°51	19°29	13°51	23°19	T 8
F 9	21 29 35	20°47'16	25°30	16°29	21°31	21° 2	13°31	9°22	14°16	16°45	27°12	20°48	19°26	13°58	23°18	F 9
S 10	21 33 32	21°45'16	9♉ 3	16°58	22°45	21°22	13°32	9°18	14°17	16°43	27°12	20°46	19°23	14° 5	23°17	S 10
S 11	21 37 29	22°43'17	22° 9	17°22	24° 0	21°42	13°33	9°13	14°19	16°42	27°11	20°D45	19°19	14°11	23°16	S 11
M12	21 41 25	23°41'21	4♊52	17°41	25°14	22° 3	13°34	9° 9	14°21	16°40	27°10	20°46	19°16	14°18	23°15	M12
T 13	21 45 22	24°39'27	17°15	17°55	26°29	22°24	13°35	9° 5	14°23	16°39	27°10	20°47	19°13	14°25	23°14	T 13
W14	21 49 18	25°37'35	29°22	18° 4	27°43	22°46	13°37	9° 0	14°24	16°37	27° 9	20°49	19°10	14°31	23°13	W14
T 15	21 53 15	26°35'45	11♋19	18°R 7	28°58	23° 8	13°38	8°56	14°26	16°35	27° 9	20°50	19° 7	14°38	23°13	T 15
F 16	21 57 11	27°33'56	23°10	18° 3	0♍12	23°31	13°40	8°51	14°28	16°34	27° 8	20°R51	19° 4	14°45	23°12	F 16
S 17	22 1 8	28°32'10	4♌57	17°54	1°27	23°55	13°42	8°47	14°29	16°32	27° 7	20°50	19° 0	14°51	23°11	S 17
S 18	22 5 4	29°30'26	16°44	17°39	2°41	24°19	13°45	8°42	14°31	16°31	27° 7	20°47	18°57	14°58	23°11	S 18
M19	22 9 1	0♍28'43	28°34	17°16	3°56	24°43	13°47	8°38	14°32	16°29	27° 6	20°42	18°54	15° 5	23°10	M19
T 20	22 12 58	1°27'02	10♍29	16°48	5°10	25° 8	13°50	8°33	14°33	16°27	27° 6	20°35	18°51	15°11	23°10	T 20
W21	22 16 54	2°25'23	22°29	16°13	6°25	25°34	13°53	8°28	14°35	16°26	27° 6	20°28	18°48	15°18	23°10	W21
T 22	22 20 51	3°23'46	4♎38	15°31	7°40	25°59	13°56	8°24	14°36	16°24	27° 5	20°20	18°45	15°25	23°10	T 22
F 23	22 24 47	4°22'10	16°56	14°44	8°54	26°26	13°59	8°19	14°37	16°23	27° 5	20°12	18°41	15°31	23° 9	F 23
S 24	22 28 44	5°20'37	29°25	13°52	10° 9	26°53	14° 2	8°15	14°38	16°21	27° 4	20° 6	18°38	15°38	23°D 9	S 24
S 25	22 32 40	6°19'05	12♏ 8	12°56	11°24	27°20	14° 6	8°10	14°40	16°20	27° 4	20° 1	18°35	15°45	23°10	S 25
M26	22 36 37	7°17'35	25° 7	11°56	12°38	27°47	14°10	8° 5	14°41	16°18	27° 4	19°58	18°32	15°51	23°10	M26
T 27	22 40 33	8°16'06	8♐24	10°54	13°53	28°16	14°13	8° 1	14°42	16°17	27° 4	19°D58	18°29	15°58	23°10	T 27
W28	22 44 30	9°14'39	22° 2	9°51	15° 8	28°44	14°17	7°56	14°43	16°15	27° 3	19°58	18°25	16° 5	23°10	W28
T 29	22 48 27	10°13'14	6♑ 2	8°48	16°22	29°13	14°22	7°51	14°44	16°14	27° 3	19°59	18°22	16°11	23°11	T 29
F 30	22 52 23	11°11'51	20°26	7°48	17°37	29°42	14°26	7°47	14°44	16°12	27° 3	20°R 0	18°19	16°18	23°11	F 30
S 31	22 56 20	12♍10'29	5♒ 9	6♍51	18♍52	0♑12	14♐31	7♓42	14♊45	16♒11	27♐ 3	19♑59	18♑16	16♌25	23♐12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n59	25s41	2s 9	6n 1	1s49	18n35	1n14	27s42	4s38	22s21	0n12	9s56	2s12	22n38	0n 2	16s20	0s31	20s50	2n42	21s54	22s 5	15n 2	18s 4	5n21
F 2	16 42	23 55	0 52	5 30	1 59	18 15	1 15	27 42	4 36	22 21	0 12	9 57	2 12	22 38	0 2	16 20	0 31	20 51	2 42	21 54	22 6	14 59	18 4	5 21
S 3	16 25	20 27	0n30	5 0	2 10	17 55	1 16	27 41	4 34	22 21	0 11	9 59	2 12	22 38	0 2	16 21	0 31	20 51	2 42	21 54	22 6	14 56	18 4	5 20
S 4	16 8	15 34	1 51	4 31	2 20	17 34	1 17	27 41	4 33	22 21	0 11	10 1	2 12	22 39	0 2	16 21	0 31	20 51	2 42	21 54	22 7	14 54	18 4	5 20
M 5	15 51	9 41	3 5	4 3	2 30	17 12	1 18	27 41	4 31	22 21	0 11	10 2	2 13	22 39	0 2	16 22	0 31	20 51	2 41	21 55	22 7	14 51	18 5	5 20
T 6	15 33	3 17	4 5	3 37	2 40	16 50	1 19	27 41	4 30	22 22	0 11	10 4	2 13	22 39	0 2	16 22	0 31	20 51	2 41	21 55	22 8	14 48	18 5	5 20
W 7	15 15	3n11	4 47	3 12	2 50	16 28	1 20	27 40	4 28	22 22	0 11	10 6	2 13	22 39	0 2	16 23	0 31	20 51	2 41	21 56	22 8	14 46	18 5	5 19
T 8	14 57	9 18	5 9	2 49	3 0	16 5	1 21	27 40	4 26	22 22	0 11	10 7	2 13	22 40	0 2	16 23	0 31	20 51	2 41	21 56	22 9	14 43	18 5	5 19
F 9	14 38	14 45	5 12	2 27	3 9	15 42	1 21	27 39	4 24	22 22	0 10	10 9	2 13	22 40	0 2	16 24	0 32	20 52	2 41	21 57	22 9	14 40	18 6	5 19
S 10	14 20	19 17	4 58	2 7	3 19	15 18	1 22	27 39	4 23	22 22	0 10	10 11	2 13	22 40	0 2	16 24	0 32	20 52	2 41	21 57	22 9	14 38	18 6	5 18
S 11	14 1	22 43	4 28	1 50	3 28	14 54	1 23	27 39	4 21	22 23	0 10	10 13	2 13	22 40	0 2	16 25	0 32	20 52	2 40	21 57	22 10	14 35	18 6	5 18
M12	13 42	24 55	3 45	1 35	3 36	14 29	1 23	27 38	4 19	22 23	0 10	10 14	2 14	22 41	0 2	16 25	0 32	20 52	2 40	21 57	22 10	14 32	18 6	5 18
T 13	13 22	25 50	2 53	1 22	3 44	14 4	1 24	27 38	4 17	22 23	0 10	10 16	2 14	22 41	0 2	16 26	0 32	20 52	2 40	21 57	22 11	14 30	18 7	5 17
W14	13 3	25 29	1 55	1 12	3 51	13 38	1 24	27 37	4 15	22 24	0 10	10 18	2 14	22 41	0 2	16 26	0 32	20 52	2 40	21 57	22 11	14 27	18 7	5 17
T 15	12 43	23 57	0 52	1 5	3 58	13 13	1 24	27 37	4 14	22 24	0 10	10 20	2 14	22 41	0 2	16 27	0 32	20 53	2 40	21 57	22 12	14 24	18 7	5 17
F 16	12 23	21 22	0s13	1 0	4 4	12 47	1 24	27 36	4 12	22 24	0 9	10 22	2 14	22 41	0 2	16 27	0 32	20 53	2 39	21 56	22 12	14 22	18 7	5 16
S 17	12 3	17 54	1 16	1 0	4 9	12 20	1 25	27 35	4 10	22 25	0 9	10 23	2 14	22 42	0 2	16 28	0 32	20 53	2 39	21 57	22 13	14 19	18 8	5 16
S 18	11 42	13 44	2 16	1 2	4 12	11 53	1 25	27 34	4 8	22 25	0 9	10 25	2 14	22 42	0 2	16 28	0 32	20 53	2 39	21 57	22 13	14 16	18 8	5 16
M19	11 22	9 3	3 11	1 9	4 15	11 26	1 25	27 34	4 6	22 26	0 9	10 27	2 14	22 42	0 2	16 29	0 32	20 53	2 39	21 58	22 14	14 14	18 8	5 15
T 20	11 1	4 1	3 57	1 19	4 16	10 59	1 25	27 33	4 4	22 26	0 9	10 29	2 14	22 42	0 2	16 29	0 32	20 53	2 39	21 59	22 14	14 11	18 9	5 15
W21	10 40	1s11	4 33	1 33	4 16	10 31	1 25	27 32	4 2	22 27	0 9	10 31	2 14	22 42	0 2	16 30	0 32	20 53	2 39	22 0	22 14	14 8	18 9	5 15
T 22	10 19	6 23	4 57	1 51	4 14	10 3	1 25	27 31	4 1	22 27	0 8	10 32	2 15	22 42	0 2	16 30	0 32	20 54	2 38	22 1	22 15	14 5	18 9	5 14
F 23	9 58	11 25	5 8	2 12	4 10	9 35	1 24	27 30	3 59	22 28	0 8	10 34	2 15	22 43	0 2	16 31	0 32	20 54	2 38	22 2	22 15	14 3	18 10	5 14
S 24	9 36	16 4	5 4	2 37	4 4	9 6	1 24	27 28	3 57	22 28	0 8	10 36	2 15	22 43	0 2	16 31	0 32	20 54	2 38	22 3	22 16	14 0	18 10	5 14
S 25	9 14	20 5	4 46	3 6	3 56	8 37	1 24	27 27	3 55	22 29	0 8	10 38	2 15	22 43	0 2	16 32	0 32	20 54	2 38	22 4	22 16	13 57	18 10	5 13
M26	8 53	23 14	4 13	3 38	3 47	8 8	1 23	27 26	3 53	22 29	0 8	10 40	2 15	22 43	0 2	16 32	0 32	20 54	2 38	22 4	22 17	13 55	18 11	5 13
T 27	8 31	25 12	3 25	4 12	3 35	7 39	1 23	27 24	3 51	22 30	0 8	10 42	2 15	22 43	0 2	16 33	0 32	20 55	2 38	22 4	22 17	13 52	18 11	5 13
W28	8 9	25 44	2 25	4 48	3 22	7 9	1 22	27 23	3 49	22 31	0 8	10 43	2 15	22 43	0 2	16 33	0 32	20 55	2 37	22 4	22 18	13 49	18 11	5 12
T 29	7 47	24 40	1 15	5 26	3 7	6 40	1 22	27 21	3 47	22 31	0 7	10 45	2 15	22 43	0 2	16 34	0 32	20 55	2 37	22 4	22 18	13 46	18 12	5 12
F 30	7 24	21 58	0n 2	6 4	2 50	6 10	1 21	27 19	3 45	22 32	0 7	10 47	2 15	22 43	0 2	16 34	0 32	20 55	2 37	22 4	22 18	13 44	18 12	5 12
S 31	7n 2	17s47	1n21	6n42	2s32	5n40	1n20	27s17	3s43	22s33	0n 7	10s49	2s15	22n44	0n 2	16s34	0s32	20s55	2n37	22s 4	22s19	13n41	18s12	5n11

Julian Day Number = 2094920.5, Delta T = 22m33s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'50, Lahiri = 10°14'50 Julian Calendar 1 Aug. 1023 == Greg. Calendar 7 Aug. 1023

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

SEPTEMBER 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 0 16	13♍ 9'09	20♒ 8	5°R59	20♍ 6	0♑42	14♐36	7°R38	14♊46	16°R 9	27°R 3	19°R56	18♑13	16♌31	23♐12	S 1
M 2	23 4 13	14° 7'50	5♓15	5♍14	21°21	1°12	14°40	7♓33	14°47	16♒ 8	27♐ 3	19♑51	18°10	16°38	23°13	M 2
T 3	23 8 9	15° 6'34	20°21	4°36	22°36	1°43	14°46	7°28	14°47	16° 7	27° 3	19°43	18° 6	16°45	23°14	T 3
W 4	23 12 6	16° 5'20	5♈16	4° 7	23°51	2°13	14°51	7°24	14°48	16° 5	27°D 3	19°34	18° 3	16°51	23°15	W 4
T 5	23 16 2	17° 4'08	19°51	3°48	25° 5	2°45	14°56	7°19	14°49	16° 4	27° 3	19°26	18° 0	16°58	23°16	T 5
F 6	23 19 59	18° 2'58	3♉59	3°D38	26°20	3°16	15° 2	7°15	14°49	16° 3	27° 3	19°18	17°57	17° 5	23°17	F 6
S 7	23 23 56	19° 1'50	17°39	3°38	27°35	3°48	15° 8	7°10	14°50	16° 1	27° 3	19°11	17°54	17°11	23°18	S 7
S 8	23 27 52	20° 0'45	0♊50	3°49	28°50	4°21	15°13	7° 6	14°50	16° 0	27° 3	19° 7	17°51	17°18	23°19	S 8
M 9	23 31 49	20°59'43	13°35	4° 9	0♎ 4	4°53	15°20	7° 1	14°50	15°59	27° 3	19° 6	17°47	17°25	23°21	M 9
T 10	23 35 45	21°58'42	25°58	4°39	1°19	5°26	15°26	6°57	14°51	15°57	27° 3	19°D 5	17°44	17°31	23°22	T 10
W11	23 39 42	22°57'44	8♋ 4	5°19	2°34	5°59	15°32	6°52	14°51	15°56	27° 4	19° 6	17°41	17°38	23°24	W11
T 12	23 43 38	23°56'48	19°59	6° 7	3°49	6°32	15°39	6°48	14°51	15°55	27° 4	19°R 6	17°38	17°45	23°25	T 12
F 13	23 47 35	24°55'55	1♌48	7° 3	5° 3	7° 6	15°45	6°44	14°51	15°54	27° 4	19° 6	17°35	17°51	23°27	F 13
S 14	23 51 31	25°55'04	13°34	8° 6	6°18	7°40	15°52	6°40	14°51	15°53	27° 4	19° 3	17°31	17°58	23°29	S 14
S 15	23 55 28	26°54'15	25°24	9°16	7°33	8°14	15°59	6°35	14°R52	15°51	27° 5	18°57	17°28	18° 4	23°30	S 15
M16	23 59 25	27°53'28	7♍18	10°32	8°48	8°48	16° 6	6°31	14°52	15°50	27° 5	18°49	17°25	18°11	23°32	M16
T 17	0 3 21	28°52'44	19°21	11°53	10° 3	9°23	16°13	6°27	14°51	15°49	27° 5	18°38	17°22	18°18	23°34	T 17
W18	0 7 18	29°52'01	1♎33	13°18	11°17	9°58	16°21	6°23	14°51	15°48	27° 6	18°25	17°19	18°24	23°36	W18
T 19	0 11 14	0♎51'21	13°56	14°47	12°32	10°33	16°28	6°19	14°51	15°47	27° 6	18°12	17°16	18°31	23°38	T 19
F 20	0 15 11	1°50'43	26°29	16°19	13°47	11° 9	16°36	6°15	14°51	15°46	27° 7	18° 0	17°12	18°38	23°41	F 20
S 21	0 19 7	2°50'06	9♏13	17°55	15° 2	11°44	16°44	6°11	14°51	15°45	27° 7	17°48	17° 9	18°44	23°43	S 21
S 22	0 23 4	3°49'32	22° 8	19°32	16°17	12°20	16°52	6° 7	14°50	15°44	27° 8	17°40	17° 6	18°51	23°45	S 22
M23	0 27 0	4°49'00	5♐15	21°11	17°32	12°56	17° 0	6° 3	14°50	15°43	27° 8	17°34	17° 3	18°58	23°48	M23
T 24	0 30 57	5°48'29	18°36	22°51	18°46	13°33	17° 8	6° 0	14°50	15°42	27° 9	17°31	17° 0	19° 4	23°50	T 24
W25	0 34 53	6°48'01	2♑11	24°32	20° 1	14° 9	17°17	5°56	14°49	15°41	27°10	17°D30	16°56	19°11	23°53	W25
T 26	0 38 50	7°47'34	16° 2	26°14	21°16	14°46	17°25	5°53	14°49	15°40	27°10	17°R30	16°53	19°18	23°56	T 26
F 27	0 42 47	8°47'09	0♒10	27°57	22°31	15°23	17°34	5°49	14°48	15°40	27°11	17°30	16°50	19°24	23°58	F 27
S 28	0 46 43	9°46'45	14°34	29°40	23°46	16° 0	17°43	5°46	14°47	15°39	27°12	17°28	16°47	19°31	24° 1	S 28
S 29	0 50 40	10°46'24	29°12	1♎23	25° 1	16°37	17°52	5°42	14°47	15°38	27°13	17°23	16°44	19°38	24° 4	S 29
M30	0 54 36	11♎46'04	13♓58	3♎ 6	26♎15	17♑14	18♐ 1	5♓39	14♊46	15♒37	27♐13	17♑16	16♑41	19♌44	24♐ 7	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n39	12s24	2n35	7n18	2s13	5n 9	1n20	27s15	3s41	22s33	0n 7	10s50	2s15	22n44	0n 2	16s35	0s32	20s55	2n37	22s 5	22s19	13n38	18s13	5n11
M 2	6 17	6 15	3 38	7 53	1 54	4 39	1 19	27 13	3 39	22 34	0 7	10 52	2 15	22 44	0 2	16 35	0 32	20 56	2 36	22 5	22 20	13 35	18 13	5 11
T 3	5 54	0n15	4 27	8 25	1 34	4 9	1 18	27 11	3 37	22 35	0 7	10 54	2 15	22 44	0 2	16 36	0 32	20 56	2 36	22 7	22 20	13 33	18 14	5 10
W 4	5 31	6 38	4 56	8 54	1 14	3 38	1 17	27 8	3 35	22 35	0 7	10 56	2 15	22 44	0 2	16 36	0 32	20 56	2 36	22 8	22 21	13 30	18 14	5 10
T 5	5 8	12 30	5 5	9 20	0 54	3 7	1 16	27 6	3 33	22 36	0 6	10 57	2 15	22 44	0 2	16 37	0 32	20 56	2 36	22 9	22 21	13 27	18 14	5 10
F 6	4 45	17 32	4 55	9 41	0 35	2 36	1 15	27 3	3 31	22 37	0 6	10 59	2 15	22 44	0 2	16 37	0 32	20 56	2 36	22 10	22 21	13 25	18 15	5 9
S 7	4 22	21 29	4 29	9 58	0 16	2 6	1 14	27 0	3 29	22 38	0 6	11 1	2 15	22 44	0 2	16 37	0 32	20 56	2 36	22 11	22 22	13 22	18 15	5 9
S 8	3 59	24 10	3 49	10 11	0n 1	1 35	1 12	26 57	3 27	22 39	0 6	11 2	2 15	22 44	0 2	16 38	0 32	20 57	2 35	22 12	22 22	13 19	18 16	5 9
M 9	3 35	25 30	2 58	10 19	0 18	1 3	1 11	26 54	3 25	22 39	0 6	11 4	2 15	22 44	0 2	16 38	0 32	20 57	2 35	22 12	22 23	13 16	18 16	5 8
T 10	3 12	25 31	2 0	10 22	0 33	0 32	1 10	26 51	3 24	22 40	0 6	11 6	2 15	22 44	0 2	16 39	0 32	20 57	2 35	22 12	22 23	13 14	18 16	5 8
W11	2 48	24 18	0 59	10 20	0 47	0 1	1 8	26 47	3 22	22 41	0 6	11 7	2 15	22 44	0 2	16 39	0 32	20 57	2 35	22 12	22 23	13 11	18 17	5 8
T 12	2 25	22 0	0s 5	10 14	0 59	0s30	1 7	26 44	3 20	22 42	0 6	11 9	2 15	22 44	0 2	16 39	0 32	20 57	2 35	22 12	22 24	13 8	18 17	5 7
F 13	2 1	18 47	1 7	10 4	1 11	1 1	1 6	26 40	3 18	22 43	0 5	11 11	2 15	22 44	0 2	16 40	0 32	20 58	2 34	22 12	22 24	13 5	18 18	5 7
S 14	1 38	14 49	2 7	9 49	1 21	1 32	1 4	26 36	3 16	22 44	0 5	11 12	2 15	22 44	0 2	16 40	0 32	20 58	2 34	22 12	22 25	13 3	18 18	5 7
S 15	1 14	10 18	3 0	9 31	1 29	2 3	1 2	26 32	3 14	22 44	0 5	11 14	2 15	22 44	0 2	16 40	0 32	20 58	2 34	22 13	22 25	13 0	18 19	5 6
M16	0 51	5 22	3 47	9 9	1 37	2 35	1 1	26 28	3 12	22 45	0 5	11 15	2 15	22 44	0 2	16 41	0 32	20 58	2 34	22 14	22 26	12 57	18 19	5 6
T 17	0 27	0 12	4 23	8 44	1 43	3 6	0 59	26 23	3 10	22 46	0 5	11 17	2 15	22 44	0 2	16 41	0 32	20 58	2 34	22 16	22 26	12 54	18 19	5 6
W18	0 3	5s 2	4 48	8 15	1 48	3 37	0 57	26 19	3 8	22 47	0 5	11 18	2 15	22 44	0 2	16 41	0 32	20 59	2 34	22 18	22 26	12 51	18 20	5 5
T 19	0s21	10 8	5 0	7 44	1 52	4 8	0 55	26 14	3 6	22 48	0 5	11 20	2 15	22 44	0 2	16 42	0 32	20 59	2 33	22 19	22 27	12 49	18 20	5 5
F 20	0 44	14 53	4 58	7 11	1 55	4 39	0 54	26 9	3 4	22 49	0 4	11 21	2 15	22 44	0 2	16 42	0 32	20 59	2 33	22 21	22 27	12 46	18 21	5 5
S 21	1 8	19 4	4 41	6 35	1 56	5 9	0 52	26 4	3 2	22 50	0 4	11 22	2 15	22 44	0 2	16 42	0 32	20 59	2 33	22 22	22 28	12 43	18 21	5 4
S 22	1 32	22 24	4 9	5 58	1 57	5 40	0 50	25 59	3 0	22 51	0 4	11 24	2 15	22 44	0 2	16 42	0 32	20 59	2 33	22 24	22 28	12 40	18 22	5 4
M23	1 55	24 38	3 24	5 19	1 58	6 11	0 48	25 53	2 58	22 52	0 4	11 25	2 15	22 44	0 2	16 43	0 32	20 59	2 33	22 24	22 28	12 38	18 22	5 4
T 24	2 19	25 31	2 27	4 38	1 57	6 41	0 46	25 48	2 56	22 53	0 4	11 27	2 15	22 44	0 2	16 43	0 32	21 0	2 33	22 25	22 29	12 35	18 22	5 3
W25	2 43	24 53	1 20	3 57	1 56	7 12	0 44	25 42	2 54	22 53	0 4	11 28	2 14	22 44	0 2	16 43	0 32	21 0	2 32	22 25	22 29	12 32	18 23	5 3
T 26	3 6	22 44	0 8	3 14	1 54	7 42	0 42	25 36	2 53	22 54	0 4	11 29	2 14	22 44	0 3	16 44	0 32	21 0	2 32	22 25	22 30	12 29	18 23	5 3
F 27	3 30	19 8	1n 7	2 31	1 51	8 12	0 40	25 30	2 51	22 55	0 4	11 30	2 14	22 44	0 3	16 44	0 32	21 0	2 32	22 25	22 30	12 27	18 24	5 2
S 28	3 54	14 21	2 18	1 47	1 48	8 41	0 37	25 24	2 49	22 56	0 3	11 31	2 14	22 44	0 3	16 44	0 32	21 0	2 32	22 25	22 30	12 24	18 24	5 2
S 29	4 17	8 40	3 21	1 3	1 44	9 11	0 35	25 17	2 47	22 57	0 3	11 33	2 14	22 44	0 3	16 44	0 32	21 1	2 32	22 26	22 31	12 21	18 25	5 2
M30	4s41	2s28	4n12	0n18	1n40	9s41	0n33	25s10	2s45	22s58	0n 3	11s34	2s14	22n44	0n 3	16s44	0s32	21s 1	2n31	22s27	22s31	12n18	18s25	5n 1

Julian Day Number = 2094951.5, Delta T = 22m32s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'54, Lahiri = 10°14'55 Julian Calendar 1 Sept. 1023 == Greg. Calendar 7 Sept. 1023

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

OCTOBER 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 58 33	12♎45'46	28♓46	4♎49	27♎30	17♉52	18♐10	5°R36	14°R45	15°R37	27♐14	17°R 6	16♉37	19♌51	24♐10	T 1
W 2	1 2 29	13°45'30	13♈27	6°32	28°45	18°30	18°19	5♓33	14♊44	15♒36	27°15	16♉54	16°34	19°58	24°13	W 2
T 3	1 6 26	14°45'16	27°54	8°14	29°59	19° 8	18°28	5°30	14°43	15°35	27°16	16°42	16°31	20° 4	24°16	T 3
F 4	1 10 22	15°45'04	12♉ 0	9°56	1♏15	19°46	18°38	5°27	14°42	15°35	27°17	16°31	16°28	20°11	24°19	F 4
S 5	1 14 19	16°44'54	25°40	11°38	2°29	20°24	18°47	5°24	14°41	15°34	27°18	16°22	16°25	20°18	24°23	S 5
S 6	1 18 16	17°44'47	8♊53	13°19	3°44	21° 2	18°57	5°21	14°40	15°33	27°19	16°15	16°22	20°24	24°26	S 6
M 7	1 22 12	18°44'41	21°41	15° 0	4°59	21°41	19° 7	5°18	14°39	15°33	27°20	16°11	16°18	20°31	24°30	M 7
T 8	1 26 9	19°44'38	4♋ 6	16°41	6°14	22°19	19°17	5°15	14°38	15°32	27°21	16°10	16°15	20°38	24°33	T 8
W 9	1 30 5	20°44'38	16°14	18°21	7°29	22°58	19°27	5°13	14°37	15°32	27°22	16° 9	16°12	20°45	24°37	W 9
T 10	1 34 2	21°44'39	28°10	20° 0	8°43	23°37	19°37	5°10	14°36	15°32	27°23	16° 9	16° 9	20°51	24°40	T 10
F 11	1 37 58	22°44'43	9♌59	21°39	9°58	24°16	19°48	5° 8	14°35	15°31	27°24	16° 8	16° 6	20°58	24°44	F 11
S 12	1 41 55	23°44'48	21°48	23°18	11°13	24°55	19°58	5° 6	14°33	15°31	27°25	16° 5	16° 2	21° 5	24°48	S 12
S 13	1 45 51	24°44'56	3♍39	24°56	12°28	25°35	20° 8	5° 4	14°32	15°30	27°26	16° 0	15°59	21°11	24°52	S 13
M14	1 49 48	25°45'06	15°39	26°33	13°43	26°14	20°19	5° 2	14°30	15°30	27°27	15°52	15°56	21°18	24°55	M14
T 15	1 53 45	26°45'18	27°50	28°10	14°57	26°54	20°30	5° 0	14°29	15°30	27°29	15°41	15°53	21°25	24°59	T 15
W16	1 57 41	27°45'32	10♎14	29°47	16°12	27°34	20°40	4°58	14°28	15°30	27°30	15°28	15°50	21°31	25° 3	W16
T 17	2 1 38	28°45'48	22°52	1♏23	17°27	28°13	20°51	4°56	14°26	15°29	27°31	15°14	15°47	21°38	25° 7	T 17
F 18	2 5 34	29°46'06	5♏44	2°59	18°42	28°53	21° 2	4°54	14°24	15°29	27°32	15° 1	15°43	21°45	25°12	F 18
S 19	2 9 31	0♏46'25	18°49	4°35	19°57	29°33	21°13	4°53	14°23	15°29	27°34	14°49	15°40	21°51	25°16	S 19
S 20	2 13 27	1°46'46	2♐ 5	6°10	21°11	0♒13	21°25	4°51	14°21	15°29	27°35	14°40	15°37	21°58	25°20	S 20
M21	2 17 24	2°47'09	15°32	7°45	22°26	0°54	21°36	4°50	14°19	15°29	27°36	14°34	15°34	22° 5	25°24	M21
T 22	2 21 20	3°47'34	29° 9	9°19	23°41	1°34	21°47	4°48	14°18	15°29	27°38	14°31	15°31	22°11	25°29	T 22
W23	2 25 17	4°48'00	12♉53	10°53	24°56	2°14	21°59	4°47	14°16	15°D29	27°39	14°D30	15°28	22°18	25°33	W23
T 24	2 29 14	5°48'27	26°47	12°27	26°10	2°55	22°10	4°46	14°14	15°29	27°41	14°31	15°24	22°25	25°38	T 24
F 25	2 33 10	6°48'56	10♒49	14° 0	27°25	3°36	22°22	4°45	14°12	15°29	27°42	14°R31	15°21	22°31	25°42	F 25
S 26	2 37 7	7°49'26	24°59	15°34	28°40	4°16	22°33	4°44	14°10	15°29	27°43	14°30	15°18	22°38	25°47	S 26
S 27	2 41 3	8°49'57	9♓15	17° 7	29°55	4°57	22°45	4°43	14° 8	15°29	27°45	14°26	15°15	22°45	25°51	S 27
M28	2 45 0	9°50'30	23°36	18°39	1♐ 9	5°38	22°57	4°43	14° 6	15°29	27°46	14°20	15°12	22°51	25°56	M28
T 29	2 48 56	10°51'04	7♈56	20°12	2°24	6°19	23° 9	4°42	14° 4	15°30	27°48	14°12	15° 8	22°58	26° 1	T 29
W30	2 52 53	11°51'39	22°12	21°44	3°39	7° 0	23°21	4°42	14° 2	15°30	27°50	14° 1	15° 5	23° 5	26° 6	W30
T 31	2 56 49	12♏52'16	6♉16	23♏16	4♐54	7♒41	23♐33	4♓41	14♊ 0	15♒30	27♐51	13♉51	15♉ 2	23♌11	26♐10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s 4	3n52	4n45	0s27	1n36	10s10	0n31	25s 4	2s43	22s59	0n 3	11s35	2s14	22n44	0n 3	16s45	0s32	21s 1	2n31	22s28	22s32	12n15	18s25	5n 1
W 2	5 27	9 56	5 0	1 12	1 31	10 39	0 28	24 57	2 41	23 0	0 3	11 36	2 14	22 44	0 3	16 45	0 32	21 1	2 31	22 29	22 32	12 13	18 26	5 1
T 3	5 51	15 22	4 55	1 58	1 26	11 7	0 26	24 49	2 39	23 1	0 3	11 37	2 14	22 44	0 3	16 45	0 32	21 1	2 31	22 31	22 32	12 10	18 26	5 0
F 4	6 14	19 49	4 32	2 43	1 21	11 36	0 24	24 42	2 37	23 2	0 3	11 38	2 14	22 44	0 3	16 45	0 32	21 2	2 31	22 32	22 33	12 7	18 27	5 0
S 5	6 37	23 3	3 53	3 28	1 16	12 4	0 21	24 34	2 36	23 3	0 3	11 39	2 13	22 44	0 3	16 45	0 32	21 2	2 31	22 33	22 33	12 4	18 27	5 0
S 6	7 0	24 55	3 3	4 13	1 10	12 32	0 19	24 26	2 34	23 4	0 3	11 40	2 13	22 43	0 3	16 46	0 32	21 2	2 30	22 34	22 34	12 1	18 28	5 0
M 7	7 23	25 24	2 6	4 58	1 4	13 0	0 16	24 19	2 32	23 5	0 2	11 41	2 13	22 43	0 3	16 46	0 32	21 2	2 30	22 35	22 34	11 59	18 28	4 59
T 8	7 46	24 34	1 3	5 42	0 58	13 27	0 14	24 10	2 30	23 6	0 2	11 42	2 13	22 43	0 3	16 46	0 32	21 2	2 30	22 35	22 34	11 56	18 28	4 59
W 9	8 8	22 34	0s 0	6 26	0 52	13 54	0 12	24 2	2 28	23 7	0 2	11 42	2 13	22 43	0 3	16 46	0 32	21 2	2 30	22 35	22 35	11 53	18 29	4 59
T 10	8 31	19 36	1 3	7 10	0 45	14 20	0 9	23 53	2 26	23 7	0 2	11 43	2 13	22 43	0 3	16 46	0 32	21 3	2 30	22 35	22 35	11 50	18 29	4 58
F 11	8 54	15 52	2 3	7 53	0 39	14 47	0 7	23 45	2 25	23 8	0 2	11 44	2 13	22 43	0 3	16 46	0 32	21 3	2 30	22 35	22 35	11 47	18 30	4 58
S 12	9 16	11 32	2 57	8 36	0 32	15 13	0 4	23 36	2 23	23 9	0 2	11 45	2 13	22 43	0 3	16 46	0 32	21 3	2 29	22 35	22 36	11 45	18 30	4 58
S 13	9 38	6 45	3 43	9 18	0 26	15 38	0 1	23 27	2 21	23 10	0 2	11 45	2 12	22 43	0 3	16 46	0 32	21 3	2 29	22 36	22 36	11 42	18 31	4 58
M14	10 0	1 41	4 20	10 0	0 19	16 3	0s 1	23 18	2 19	23 11	0 2	11 46	2 12	22 42	0 3	16 47	0 32	21 3	2 29	22 37	22 37	11 39	18 31	4 57
T 15	10 22	3s31	4 46	10 41	0 13	16 28	0 4	23 8	2 17	23 12	0 2	11 47	2 12	22 42	0 3	16 47	0 32	21 4	2 29	22 38	22 37	11 36	18 31	4 57
W16	10 44	8 39	4 59	11 22	0 6	16 52	0 6	22 58	2 16	23 13	0 1	11 47	2 12	22 42	0 3	16 47	0 32	21 4	2 29	22 40	22 37	11 33	18 32	4 57
T 17	11 6	13 32	4 58	12 2	0s 1	17 16	0 9	22 49	2 14	23 14	0 1	11 48	2 12	22 42	0 3	16 47	0 32	21 4	2 29	22 41	22 38	11 31	18 32	4 57
F 18	11 27	17 55	4 42	12 41	0 7	17 40	0 11	22 39	2 12	23 15	0 1	11 48	2 12	22 42	0 3	16 47	0 32	21 4	2 28	22 43	22 38	11 28	18 33	4 56
S 19	11 48	21 31	4 10	13 20	0 14	18 3	0 14	22 28	2 10	23 15	0 1	11 49	2 12	22 42	0 3	16 47	0 32	21 4	2 28	22 44	22 38	11 25	18 33	4 56
S 20	12 9	24 2	3 25	13 58	0 21	18 25	0 16	22 18	2 8	23 16	0 1	11 49	2 11	22 41	0 3	16 47	0 32	21 5	2 28	22 45	22 39	11 22	18 33	4 56
M21	12 30	25 13	2 27	14 36	0 27	18 47	0 19	22 7	2 7	23 17	0 1	11 50	2 11	22 41	0 3	16 47	0 32	21 5	2 28	22 46	22 39	11 19	18 34	4 56
T 22	12 51	24 54	1 21	15 12	0 34	19 9	0 22	21 57	2 5	23 18	0 1	11 50	2 11	22 41	0 3	16 47	0 32	21 5	2 28	22 46	22 40	11 17	18 34	4 55
W23	13 11	23 5	0 9	15 48	0 40	19 29	0 24	21 46	2 3	23 19	0 1	11 50	2 11	22 41	0 3	16 47	0 32	21 5	2 28	22 46	22 40	11 14	18 34	4 55
T 24	13 32	19 51	1n 5	16 24	0 47	19 50	0 27	21 35	2 1	23 19	0 1	11 50	2 11	22 41	0 3	16 47	0 31	21 5	2 27	22 46	22 40	11 11	18 35	4 55
F 25	13 52	15 27	2 15	16 58	0 53	20 10	0 29	21 24	2 0	23 20	0 0	11 51	2 11	22 40	0 3	16 47	0 31	21 5	2 27	22 46	22 41	11 8	18 35	4 55
S 26	14 12	10 10	3 18	17 32	0 59	20 29	0 32	21 12	1 58	23 21	0 0	11 51	2 10	22 40	0 3	16 47	0 31	21 6	2 27	22 46	22 41	11 5	18 35	4 55
S 27	14 31	4 18	4 9	18 4	1 5	20 48	0 34	21 1	1 56	23 22	0 0	11 51	2 10	22 40	0 3	16 47	0 31	21 6	2 27	22 47	22 41	11 2	18 36	4 54
M28	14 50	1n47	4 44	18 36	1 11	21 6	0 37	20 49	1 55	23 23	0 0	11 51	2 10	22 40	0 3	16 47	0 31	21 6	2 27	22 47	22 42	11 0	18 36	4 54
T 29	15 10	7 47	5 2	19 7	1 17	21 24	0 39	20 37	1 53	23 23	0 0	11 51	2 10	22 40	0 3	16 47	0 31	21 6	2 27	22 48	22 42	10 57	18 36	4 54
W30	15 28	13 19	5 0	19 37	1 22	21 41	0 42	20 25	1 51	23 24	0s 0	11 51	2 10	22 39	0 3	16 47	0 31	21 6	2 27	22 49	22 42	10 54	18 37	4 54
T 31	15s47	18n 6	4n41	20s 6	1s28	21s57	0s44	20s13	1s50	23s25	0s 0	11s51	2s10	22n39	0n 3	16s46	0s31	21s 7	2n26	22s51	22s43	10n51	18s37	4n54

Julian Day Number = 2094981.5, Delta T = 22m32s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°07'58, Lahiri = 10°14'59 Julian Calendar 1 Oct. 1023 == Greg. Calendar 7 Oct. 1023

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ASTRODIENST EPHEMERIS for the year 1023
geocentric

NOVEMBER 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 0 46	13♏52'54	20♉ 5	24♏48	6♐ 8	8♒22	23♐45	4°R41	13°R58	15♒30	27♐53	13°R41	14♑59	23♌18	26♐15	F 1
S 2	3 4 43	14°53'34	3♊34	26°19	7°23	9° 3	23°57	4♓41	13♊56	15°31	27°54	13♑33	14°56	23°25	26°20	S 2
S 3	3 8 39	15°54'15	16°41	27°51	8°38	9°45	24°10	4°D41	13°54	15°31	27°56	13°27	14°53	23°31	26°25	S 3
M 4	3 12 36	16°54'58	29°26	29°22	9°52	10°26	24°22	4°41	13°52	15°31	27°58	13°24	14°49	23°38	26°30	M 4
T 5	3 16 32	17°55'42	11♋52	0♐52	11° 7	11° 7	24°35	4°41	13°50	15°32	27°59	13°D23	14°46	23°45	26°35	T 5
W 6	3 20 29	18°56'28	24° 2	2°23	12°22	11°49	24°47	4°42	13°47	15°32	28° 1	13°23	14°43	23°51	26°40	W 6
T 7	3 24 25	19°57'16	5♌59	3°53	13°36	12°30	25° 0	4°42	13°45	15°33	28° 3	13°24	14°40	23°58	26°45	T 7
F 8	3 28 22	20°58'05	17°50	5°23	14°51	13°12	25°12	4°43	13°43	15°33	28° 5	13°R25	14°37	24° 5	26°51	F 8
S 9	3 32 18	21°58'56	29°39	6°53	16° 6	13°54	25°25	4°43	13°40	15°34	28° 6	13°25	14°34	24°11	26°56	S 9
S 10	3 36 15	22°59'48	11♍33	8°22	17°20	14°35	25°38	4°44	13°38	15°35	28° 8	13°23	14°30	24°18	27° 1	S 10
M11	3 40 12	24° 0'41	23°35	9°51	18°35	15°17	25°51	4°45	13°36	15°35	28°10	13°18	14°27	24°25	27° 6	M11
T 12	3 44 8	25° 1'36	5♎50	11°19	19°49	15°59	26° 3	4°46	13°33	15°36	28°12	13°12	14°24	24°31	27°12	T 12
W13	3 48 5	26° 2'32	18°21	12°47	21° 4	16°41	26°16	4°47	13°31	15°37	28°14	13° 4	14°21	24°38	27°17	W13
T 14	3 52 1	27° 3'30	1♏10	14°14	22°19	17°23	26°29	4°48	13°28	15°37	28°15	12°56	14°18	24°45	27°22	T 14
F 15	3 55 58	28° 4'29	14°18	15°40	23°33	18° 4	26°42	4°49	13°26	15°38	28°17	12°47	14°14	24°51	27°28	F 15
S 16	3 59 54	29° 5'29	27°44	17° 6	24°48	18°46	26°55	4°50	13°24	15°39	28°19	12°40	14°11	24°58	27°33	S 16
S 17	4 3 51	0♑ 6'30	11♑25	18°30	26° 2	19°28	27° 9	4°52	13°21	15°40	28°21	12°34	14° 8	25° 5	27°39	S 17
M18	4 7 47	1° 7'32	25°18	19°53	27°17	20°10	27°22	4°54	13°19	15°41	28°23	12°31	14° 5	25°11	27°44	M18
T 19	4 11 44	2° 8'35	9♑20	21°15	28°32	20°53	27°35	4°55	13°16	15°42	28°25	12°D29	14° 2	25°18	27°50	T 19
W20	4 15 41	3° 9'38	23°28	22°35	29°46	21°35	27°48	4°57	13°14	15°43	28°27	12°30	13°59	25°25	27°55	W20
T 21	4 19 37	4°10'42	7♒38	23°53	1♑ 1	22°17	28° 2	4°59	13°11	15°44	28°29	12°31	13°55	25°32	28° 1	T 21
F 22	4 23 34	5°11'47	21°49	25° 8	2°15	22°59	28°15	5° 1	13° 9	15°45	28°31	12°33	13°52	25°38	28° 6	F 22
S 23	4 27 30	6°12'52	5♓58	26°21	3°30	23°41	28°28	5° 3	13° 6	15°46	28°33	12°R33	13°49	25°45	28°12	S 23
S 24	4 31 27	7°13'57	20° 4	27°31	4°44	24°23	28°42	5° 5	13° 3	15°47	28°35	12°32	13°46	25°52	28°18	S 24
M25	4 35 23	8°15'03	4♈ 6	28°38	5°58	25° 6	28°55	5° 8	13° 1	15°48	28°37	12°30	13°43	25°58	28°23	M25
T 26	4 39 20	9°16'09	18° 1	29°40	7°13	25°48	29° 9	5°10	12°58	15°49	28°39	12°26	13°39	26° 5	28°29	T 26
W27	4 43 16	10°17'16	1♉48	0♑37	8°27	26°30	29°22	5°12	12°56	15°50	28°41	12°21	13°36	26°12	28°35	W27
T 28	4 47 13	11°18'23	15°23	1°29	9°42	27°13	29°36	5°15	12°53	15°51	28°43	12°16	13°33	26°18	28°41	T 28
F 29	4 51 10	12°19'30	28°46	2°15	10°56	27°55	29°50	5°18	12°51	15°53	28°45	12°11	13°30	26°25	28°46	F 29
S 30	4 55 6	13♑20'39	11♊54	2♑53	12♑10	28♒37	0♑ 3	5♓21	12♊48	15♒54	28♑47	12♑ 7	13♑27	26♌32	28♑52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s 5	21n47	4n 5	20s34	1s33	22s13	0s47	20s 0	1s48	23s25	0s 0	11s51	2s 9	22n39	0n 3	16s46	0s31	21s 7	2n26	22s52	22s43	10n48	18s37	4n53
S 2	16 23	24 11	3 16	21 2	1 38	22 28	0 49	19 48	1 46	23 26	0 0	11 51	2 9	22 39	0 3	16 46	0 31	21 7	2 26	22 52	22 44	10 45	18 38	4 53
S 3	16 41	25 11	2 18	21 28	1 43	22 43	0 52	19 35	1 45	23 27	0 1	11 51	2 9	22 38	0 3	16 46	0 31	21 7	2 26	22 53	22 44	10 43	18 38	4 53
M 4	16 59	24 48	1 14	21 53	1 48	22 56	0 54	19 22	1 43	23 27	0 1	11 51	2 9	22 38	0 3	16 46	0 31	21 7	2 26	22 53	22 44	10 40	18 38	4 53
T 5	17 16	23 10	0 8	22 17	1 53	23 9	0 56	19 9	1 41	23 28	0 1	11 50	2 9	22 38	0 3	16 46	0 31	21 7	2 26	22 53	22 45	10 37	18 39	4 53
W 6	17 33	20 29	0s57	22 39	1 57	23 22	0 59	18 56	1 40	23 29	0 1	11 50	2 9	22 38	0 3	16 46	0 31	21 8	2 26	22 53	22 45	10 34	18 39	4 53
T 7	17 49	16 58	1 59	23 1	2 1	23 34	1 1	18 43	1 38	23 29	0 1	11 50	2 8	22 37	0 3	16 46	0 31	21 8	2 25	22 53	22 45	10 31	18 39	4 52
F 8	18 6	12 48	2 55	23 21	2 5	23 45	1 3	18 29	1 37	23 30	0 1	11 49	2 8	22 37	0 3	16 45	0 31	21 8	2 25	22 53	22 46	10 28	18 39	4 52
S 9	18 22	8 10	3 43	23 41	2 8	23 55	1 5	18 16	1 35	23 30	0 1	11 49	2 8	22 37	0 3	16 45	0 31	21 8	2 25	22 53	22 46	10 26	18 40	4 52
S 10	18 37	3 14	4 22	23 58	2 11	24 5	1 8	18 2	1 33	23 31	0 1	11 49	2 8	22 36	0 3	16 45	0 31	21 8	2 25	22 53	22 46	10 23	18 40	4 52
M11	18 52	1s52	4 50	24 15	2 14	24 14	1 10	17 48	1 32	23 31	0 1	11 48	2 8	22 36	0 3	16 45	0 31	21 8	2 25	22 54	22 47	10 20	18 40	4 52
T 12	19 7	6 59	5 5	24 30	2 16	24 22	1 12	17 34	1 30	23 32	0 1	11 48	2 8	22 36	0 3	16 45	0 31	21 9	2 25	22 54	22 47	10 17	18 40	4 52
W13	19 22	11 56	5 6	24 44	2 18	24 30	1 14	17 20	1 29	23 32	0 2	11 47	2 7	22 36	0 3	16 44	0 31	21 9	2 25	22 55	22 47	10 14	18 41	4 52
T 14	19 36	16 30	4 52	24 57	2 20	24 36	1 16	17 5	1 27	23 33	0 2	11 46	2 7	22 35	0 3	16 44	0 31	21 9	2 24	22 56	22 48	10 11	18 41	4 52
F 15	19 50	20 24	4 23	25 8	2 21	24 42	1 18	16 51	1 26	23 33	0 2	11 46	2 7	22 35	0 3	16 44	0 31	21 9	2 24	22 57	22 48	10 9	18 41	4 51
S 16	20 4	23 18	3 38	25 17	2 22	24 48	1 20	16 36	1 24	23 34	0 2	11 45	2 7	22 35	0 3	16 44	0 31	21 9	2 24	22 58	22 48	10 6	18 41	4 51
S 17	20 17	24 55	2 40	25 25	2 22	24 52	1 22	16 22	1 23	23 34	0 2	11 44	2 7	22 34	0 3	16 43	0 31	21 9	2 24	22 58	22 49	10 3	18 41	4 51
M18	20 30	25 1	1 32	25 32	2 21	24 56	1 24	16 7	1 21	23 34	0 2	11 44	2 6	22 34	0 3	16 43	0 31	21 9	2 24	22 58	22 49	10 0	18 42	4 51
T 19	20 42	23 31	0 17	25 37	2 20	24 59	1 25	15 52	1 19	23 35	0 2	11 43	2 6	22 34	0 3	16 43	0 31	21 10	2 24	22 59	22 49	9 57	18 42	4 51
W20	20 54	20 32	0n59	25 40	2 19	25 1	1 27	15 37	1 18	23 35	0 2	11 42	2 6	22 34	0 3	16 43	0 31	21 10	2 24	22 59	22 50	9 54	18 42	4 51
T 21	21 6	16 19	2 13	25 42	2 16	25 2	1 29	15 22	1 16	23 35	0 2	11 41	2 6	22 33	0 3	16 42	0 31	21 10	2 24	22 58	22 50	9 51	18 42	4 51
F 22	21 17	11 11	3 18	25 42	2 13	25 3	1 30	15 7	1 15	23 36	0 2	11 40	2 6	22 33	0 3	16 42	0 31	21 10	2 23	22 58	22 50	9 49	18 42	4 51
S 23	21 28	5 29	4 11	25 40	2 9	25 3	1 32	14 51	1 14	23 36	0 3	11 39	2 6	22 33	0 3	16 42	0 31	21 10	2 23	22 58	22 51	9 46	18 42	4 51
S 24	21 38	0n28	4 48	25 37	2 4	25 2	1 33	14 36	1 12	23 36	0 3	11 38	2 5	22 32	0 3	16 41	0 31	21 10	2 23	22 58	22 51	9 43	18 43	4 51
M25	21 48	6 21	5 8	25 32	1 59	25 1	1 35	14 20	1 11	23 36	0 3	11 37	2 5	22 32	0 3	16 41	0 31	21 11	2 23	22 59	22 51	9 40	18 43	4 51
T 26	21 57	11 52	5 10	25 26	1 52	24 58	1 36	14 4	1 9	23 37	0 3	11 36	2 5	22 32	0 3	16 41	0 31	21 11	2 23	22 59	22 52	9 37	18 43	4 51
W27	22 7	16 45	4 54	25 18	1 44	24 55	1 37	13 48	1 8	23 37	0 3	11 35	2 5	22 31	0 3	16 40	0 31	21 11	2 23	22 59	22 52	9 34	18 43	4 51
T 28	22 15	20 42	4 22	25 9	1 35	24 51	1 39	13 33	1 6	23 37	0 3	11 34	2 5	22 31	0 3	16 40	0 31	21 11	2 23	23 0	22 52	9 31	18 43	4 51
F 29	22 23	23 29	3 35	24 58	1 25	24 46	1 40	13 17	1 5	23 37	0 3	11 33	2 5	22 31	0 3	16 40	0 31	21 11	2 23	23 0	22 53	9 29	18 43	4 51
S 30	22s31	24n56	2n38	24s46	1s14	24s41	1s41	13s 0	1s 4	23s37	0s 3	11s32	2s 4	22n30	0n 3	16s39	0s31	21s11	2n22	23s 1	22s53	9n26	18s43	4n51

Julian Day Number = 2095012.5, Delta T = 22m32s
Ecliptic obliquity = 23°33'59, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'02, Lahiri = 10°15'03 Julian Calendar 1 Nov. 1023 == Greg. Calendar 7 Nov. 1023

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1023
geocentric

DECEMBER 1023 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 59 3	14♐21'47	24♊45	3♑24	13♑25	29♒20	0♑17	5♓23	12°R45	15♒55	28♐49	12°R 4	13♑24	26♌38	28♐58	S 1
M 2	5 2 59	15°22'56	7♋21	3°45	14°39	0♓ 2	0°31	5°26	12♊43	15°56	28°51	12°D 3	13°20	26°45	29° 4	M 2
T 3	5 6 56	16°24'06	19°41	3°57	15°53	0°44	0°44	5°30	12°40	15°58	28°53	12♑ 3	13°17	26°52	29°10	T 3
W 4	5 10 52	17°25'16	1♌49	3°R58	17° 7	1°27	0°58	5°33	12°38	15°59	28°55	12° 4	13°14	26°58	29°15	W 4
T 5	5 14 49	18°26'27	13°46	3°48	18°22	2° 9	1°12	5°36	12°35	16° 1	28°57	12° 6	13°11	27° 5	29°21	T 5
F 6	5 18 46	19°27'38	25°37	3°27	19°36	2°52	1°26	5°39	12°33	16° 2	28°59	12° 8	13° 8	27°12	29°27	F 6
S 7	5 22 42	20°28'49	7♍27	2°53	20°50	3°34	1°40	5°43	12°30	16° 3	29° 1	12° 9	13° 5	27°18	29°33	S 7
S 8	5 26 39	21°30'01	19°20	2° 8	22° 4	4°17	1°54	5°47	12°28	16° 5	29° 3	12°R10	13° 1	27°25	29°39	S 8
M 9	5 30 35	22°31'14	1♎21	1°12	23°18	4°59	2° 7	5°50	12°25	16° 6	29° 5	12°10	12°58	27°32	29°45	M 9
T 10	5 34 32	23°32'27	13°35	0° 7	24°32	5°42	2°21	5°54	12°22	16° 8	29° 7	12° 8	12°55	27°39	29°51	T 10
W11	5 38 28	24°33'40	26° 6	28♐54	25°46	6°24	2°35	5°58	12°20	16° 9	29°10	12° 7	12°52	27°45	29°57	W11
T 12	5 42 25	25°34'53	8♏58	27°36	27° 0	7° 6	2°49	6° 2	12°17	16°11	29°12	12° 4	12°49	27°52	0♑ 3	T 12
F 13	5 46 21	26°36'07	22°12	26°15	28°14	7°49	3° 3	6° 6	12°15	16°13	29°14	12° 2	12°45	27°59	0° 8	F 13
S 14	5 50 18	27°37'21	5♐50	24°54	29°28	8°31	3°17	6°10	12°13	16°14	29°16	12° 0	12°42	28° 5	0°14	S 14
S 15	5 54 15	28°38'36	19°49	23°35	0♒42	9°14	3°31	6°14	12°10	16°16	29°18	11°58	12°39	28°12	0°20	S 15
M16	5 58 11	29°39'50	4♑ 6	22°21	1°56	9°56	3°45	6°18	12° 8	16°18	29°20	11°57	12°36	28°19	0°26	M16
T 17	6 2 8	0♑41'04	18°36	21°14	3°10	10°39	3°59	6°23	12° 5	16°19	29°22	11°D57	12°33	28°25	0°32	T 17
W18	6 6 4	1°42'18	3♒13	20°16	4°24	11°21	4°13	6°27	12° 3	16°21	29°24	11°58	12°30	28°32	0°38	W18
T 19	6 10 1	2°43'31	17°51	19°26	5°37	12° 4	4°27	6°32	12° 1	16°23	29°26	11°59	12°26	28°39	0°44	T 19
F 20	6 13 57	3°44'44	2♓24	18°46	6°51	12°46	4°41	6°36	11°58	16°25	29°28	12° 0	12°23	28°45	0°50	F 20
S 21	6 17 54	4°45'56	16°47	18°17	8° 5	13°29	4°55	6°41	11°56	16°26	29°31	12° 0	12°20	28°52	0°56	S 21
S 22	6 21 50	5°47'07	0♈57	17°57	9°19	14°11	5° 9	6°46	11°54	16°28	29°33	12°R 0	12°17	28°59	1° 2	S 22
M23	6 25 47	6°48'18	14°53	17°47	10°32	14°54	5°23	6°51	11°51	16°30	29°35	12° 0	12°14	29° 5	1° 8	M23
T 24	6 29 44	7°49'28	28°34	17°D45	11°46	15°36	5°37	6°56	11°49	16°32	29°37	12° 0	12°11	29°12	1°13	T 24
W25	6 33 40	8°50'38	12♉ 0	17°52	12°59	16°19	5°51	7° 1	11°47	16°34	29°39	12° 0	12° 7	29°19	1°19	W25
T 26	6 37 37	9°51'47	25°11	18° 7	14°13	17° 1	6° 5	7° 6	11°45	16°36	29°41	11°59	12° 4	29°26	1°25	T 26
F 27	6 41 33	10°52'55	8♊ 8	18°29	15°26	17°44	6°19	7°11	11°42	16°38	29°43	11°59	12° 1	29°32	1°31	F 27
S 28	6 45 30	11°54'02	20°52	18°58	16°39	18°26	6°33	7°16	11°40	16°40	29°45	11°D59	11°58	29°39	1°37	S 28
S 29	6 49 26	12°55'09	3♋24	19°32	17°53	19° 9	6°47	7°21	11°38	16°42	29°47	11°59	11°55	29°46	1°43	S 29
M30	6 53 23	13°56'15	15°44	20°11	19° 6	19°51	7° 1	7°27	11°36	16°44	29°49	11°R59	11°52	29°52	1°48	M30
T 31	6 57 19	14♑57'20	27♋55	20♐56	20♒19	20♓33	7♑15	7♓32	11♊34	16♒46	29♐51	11♑59	11♑48	29♌59	1♑54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s39	25n 1	1n34	24s33	1s 1	24s35	1s42	12s44	1s 2	23s37	0s 3	11s30	2s 4	22n30	0n 3	16s39	0s31	21s11	2n22	23s 1	22s53	9n23	18s43	4n51
M 2	22 46	23 47	0 26	24 18	0 47	24 28	1 43	12 28	1 1	23 37	0 3	11 29	2 4	22 30	0 3	16 38	0 31	21 11	2 22	23 1	22 54	9 20	18 43	4 51
T 3	22 52	21 25	0s42	24 3	0 32	24 20	1 44	12 12	0 59	23 37	0 4	11 28	2 4	22 29	0 3	16 38	0 31	21 12	2 22	23 1	22 54	9 17	18 43	4 51
W 4	22 58	18 8	1 47	23 46	0 16	24 12	1 45	11 55	0 58	23 37	0 4	11 27	2 4	22 29	0 3	16 38	0 31	21 12	2 22	23 1	22 54	9 14	18 43	4 51
T 5	23 4	14 8	2 46	23 29	0n 2	24 3	1 46	11 39	0 57	23 37	0 4	11 25	2 4	22 29	0 3	16 37	0 31	21 12	2 22	23 1	22 55	9 11	18 43	4 51
F 6	23 9	9 38	3 38	23 11	0 20	23 53	1 46	11 22	0 55	23 37	0 4	11 24	2 3	22 28	0 3	16 37	0 31	21 12	2 22	23 1	22 55	9 9	18 43	4 51
S 7	23 13	4 48	4 20	22 52	0 40	23 42	1 47	11 5	0 54	23 37	0 4	11 22	2 3	22 28	0 3	16 36	0 31	21 12	2 22	23 0	22 55	9 6	18 43	4 51
S 8	23 18	0s13	4 51	22 33	0 59	23 31	1 47	10 49	0 53	23 37	0 4	11 21	2 3	22 28	0 3	16 36	0 31	21 12	2 22	23 0	22 55	9 3	18 43	4 51
M 9	23 21	5 17	5 10	22 14	1 19	23 19	1 48	10 32	0 51	23 37	0 4	11 19	2 3	22 28	0 3	16 35	0 31	21 12	2 21	23 0	22 56	9 0	18 43	4 51
T 10	23 24	10 14	5 16	21 55	1 39	23 6	1 48	10 15	0 50	23 37	0 4	11 18	2 3	22 27	0 3	16 35	0 31	21 12	2 21	23 1	22 56	8 57	18 43	4 51
W11	23 27	14 53	5 6	21 36	1 58	22 53	1 49	9 58	0 49	23 37	0 4	11 16	2 3	22 27	0 3	16 34	0 31	21 13	2 21	23 1	22 56	8 54	18 43	4 51
T 12	23 30	19 0	4 42	21 18	2 15	22 39	1 49	9 41	0 47	23 37	0 4	11 15	2 2	22 27	0 3	16 34	0 31	21 13	2 21	23 1	22 57	8 51	18 43	4 51
F 13	23 31	22 18	4 2	21 0	2 31	22 24	1 49	9 24	0 46	23 36	0 5	11 13	2 2	22 26	0 3	16 33	0 31	21 13	2 21	23 1	22 57	8 48	18 43	4 51
S 14	23 33	24 28	3 7	20 44	2 44	22 9	1 49	9 7	0 45	23 36	0 5	11 11	2 2	22 26	0 3	16 33	0 31	21 13	2 21	23 1	22 57	8 46	18 43	4 51
S 15	23 34	25 10	2 0	20 29	2 56	21 53	1 49	8 49	0 44	23 36	0 5	11 10	2 2	22 26	0 3	16 32	0 31	21 13	2 21	23 1	22 58	8 43	18 43	4 51
M16	23 34	24 14	0 43	20 16	3 5	21 36	1 49	8 32	0 42	23 36	0 5	11 8	2 2	22 25	0 3	16 32	0 31	21 13	2 21	23 1	22 58	8 40	18 43	4 51
T 17	23 34	21 40	0n37	20 6	3 11	21 19	1 49	8 15	0 41	23 35	0 5	11 6	2 2	22 25	0 3	16 31	0 31	21 13	2 21	23 2	22 58	8 37	18 43	4 51
W18	23 33	17 40	1 55	19 58	3 15	21 1	1 48	7 57	0 40	23 35	0 5	11 4	2 2	22 25	0 3	16 31	0 31	21 13	2 21	23 1	22 59	8 34	18 43	4 51
T 19	23 32	12 36	3 6	19 53	3 17	20 43	1 48	7 40	0 39	23 35	0 5	11 2	2 1	22 24	0 3	16 30	0 31	21 13	2 20	23 1	22 59	8 31	18 43	4 51
F 20	23 31	6 52	4 5	19 50	3 16	20 24	1 48	7 23	0 38	23 34	0 5	11 1	2 1	22 24	0 3	16 30	0 31	21 14	2 20	23 1	22 59	8 28	18 42	4 51
S 21	23 29	0 50	4 47	19 49	3 14	20 4	1 47	7 5	0 36	23 34	0 5	10 59	2 1	22 24	0 3	16 29	0 31	21 14	2 20	23 1	22 59	8 25	18 42	4 51
S 22	23 26	5n 8	5 12	19 51	3 11	19 44	1 47	6 48	0 35	23 33	0 5	10 57	2 1	22 23	0 3	16 29	0 31	21 14	2 20	23 1	23 0	8 23	18 42	4 52
M23	23 23	10 46	5 17	19 55	3 6	19 23	1 46	6 30	0 34	23 33	0 5	10 55	2 1	22 23	0 3	16 28	0 31	21 14	2 20	23 1	23 0	8 20	18 42	4 52
T 24	23 20	15 45	5 4	20 1	3 0	19 2	1 45	6 12	0 33	23 32	0 6	10 53	2 1	22 23	0 3	16 28	0 31	21 14	2 20	23 1	23 0	8 17	18 42	4 52
W25	23 16	19 52	4 35	20 9	2 53	18 40	1 44	5 55	0 32	23 32	0 6	10 51	2 1	22 23	0 3	16 27	0 31	21 14	2 20	23 1	23 1	8 14	18 42	4 52
T 26	23 12	22 54	3 52	20 18	2 45	18 18	1 43	5 37	0 30	23 31	0 6	10 49	2 1	22 22	0 3	16 26	0 31	21 14	2 20	23 1	23 1	8 11	18 41	4 52
F 27	23 7	24 42	2 57	20 28	2 37	17 55	1 42	5 19	0 29	23 31	0 6	10 47	2 0	22 22	0 3	16 26	0 31	21 14	2 20	23 1	23 1	8 8	18 41	4 52
S 28	23 2	25 9	1 55	20 39	2 28	17 32	1 41	5 2	0 28	23 30	0 6	10 45	2 0	22 22	0 3	16 25	0 31	21 14	2 20	23 1	23 1	8 5	18 41	4 52
S 29	22 56	24 19	0 48	20 51	2 19	17 8	1 40	4 44	0 27	23 30	0 6	10 43	2 0	22 21	0 4	16 25	0 31	21 14	2 20	23 1	23 2	8 2	18 41	4 52
M30	22 50	22 17	0s21	21 3	2 9	16 44	1 39	4 26	0 26	23 29	0 6	10 41	2 0	22 21	0 4	16 24	0 31	21 14	2 20	23 1	23 2	7 59	18 41	4 53
T 31	22s43	19n16	1s27	21s16	2n 0	16s20	1s37	4s 8	0s25	23s28	0s 6	10s38	2s 0	22n21	0n 4	16s23	0s31	21s14	2n19	23s 1	23s 2	7n57	18s40	4n53

Julian Day Number = 2095042.5, Delta T = 22m31s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'07, Lahiri = 10°15'07 Julian Calendar 1 Dec. 1023 == Greg. Calendar 7 Dec. 1023

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

JANUARY 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 1 16	15♉58'25	9♌56	21♐44	21♒32	21♓16	7♉29	7♓38	11°R32	16♒48	29♐53	11°R59	11♉45	0♍ 6	2♉ 0	W 1
T 2	7 5 13	16°59'29	21°51	22°37	22°45	21°58	7°43	7°43	11♊30	16°50	29°55	11♉58	11°42	0°12	2° 6	T 2
F 3	7 9 9	18° 0'32	3♍42	23°33	23°58	22°40	7°57	7°49	11°28	16°52	29°57	11°57	11°39	0°19	2°12	F 3
S 4	7 13 6	19° 1'35	15°32	24°32	25°11	23°23	8°11	7°55	11°26	16°54	29°59	11°56	11°36	0°26	2°17	S 4
S 5	7 17 2	20° 2'37	27°25	25°34	26°24	24° 5	8°25	8° 0	11°24	16°56	0♉ 1	11°56	11°32	0°32	2°23	S 5
M 6	7 20 59	21° 3'38	9♎25	26°38	27°37	24°47	8°39	8° 6	11°23	16°58	0° 3	11°55	11°29	0°39	2°29	M 6
T 7	7 24 55	22° 4'39	21°35	27°45	28°49	25°30	8°52	8°12	11°21	17° 0	0° 5	11°D55	11°26	0°46	2°34	T 7
W 8	7 28 52	23° 5'39	4♏ 2	28°55	0♓ 2	26°12	9° 6	8°18	11°19	17° 2	0° 7	11°55	11°23	0°52	2°40	W 8
T 9	7 32 48	24° 6'38	16°48	0♉ 6	1°15	26°54	9°20	8°24	11°17	17° 4	0° 9	11°56	11°20	0°59	2°46	T 9
F 10	7 36 45	25° 7'37	29°58	1°19	2°27	27°36	9°34	8°30	11°16	17° 6	0°11	11°57	11°17	1° 6	2°51	F 10
S 11	7 40 42	26° 8'35	13♐35	2°33	3°40	28°19	9°48	8°36	11°14	17° 8	0°13	11°58	11°13	1°13	2°57	S 11
S 12	7 44 38	27° 9'32	27°38	3°49	4°52	29° 1	10° 1	8°43	11°13	17°11	0°15	11°59	11°10	1°19	3° 2	S 12
M13	7 48 35	28°10'28	12♉ 5	5° 7	6° 4	29°43	10°15	8°49	11°11	17°13	0°17	11°R59	11° 7	1°26	3° 8	M13
T 14	7 52 31	29°11'23	26°53	6°26	7°16	0♈25	10°29	8°55	11°10	17°15	0°19	11°59	11° 4	1°33	3°13	T 14
W15	7 56 28	0♒12'17	11♒53	7°46	8°29	1° 7	10°43	9° 1	11° 8	17°17	0°21	11°57	11° 1	1°39	3°19	W15
T 16	8 0 24	1°13'10	26°57	9° 8	9°41	1°49	10°56	9° 8	11° 7	17°19	0°23	11°55	10°57	1°46	3°24	T 16
F 17	8 4 21	2°14'01	11♓57	10°30	10°53	2°32	11°10	9°14	11° 5	17°22	0°24	11°52	10°54	1°53	3°29	F 17
S 18	8 8 18	3°14'50	26°43	11°54	12° 4	3°14	11°23	9°21	11° 4	17°24	0°26	11°50	10°51	1°59	3°35	S 18
S 19	8 12 14	4°15'38	11♈10	13°19	13°16	3°56	11°37	9°27	11° 3	17°26	0°28	11°47	10°48	2° 6	3°40	S 19
M20	8 16 11	5°16'24	25°14	14°45	14°28	4°38	11°50	9°34	11° 2	17°28	0°30	11°46	10°45	2°13	3°45	M20
T 21	8 20 7	6°17'09	8♉54	16°11	15°39	5°20	12° 4	9°41	11° 0	17°31	0°32	11°D46	10°42	2°19	3°51	T 21
W22	8 24 4	7°17'52	22°12	17°39	16°51	6° 2	12°17	9°47	10°59	17°33	0°33	11°46	10°38	2°26	3°56	W22
T 23	8 28 0	8°18'33	5♊ 9	19° 8	18° 2	6°44	12°30	9°54	10°58	17°35	0°35	11°48	10°35	2°33	4° 1	T 23
F 24	8 31 57	9°19'13	17°50	20°37	19°13	7°26	12°44	10° 1	10°57	17°37	0°37	11°50	10°32	2°40	4° 6	F 24
S 25	8 35 53	10°19'51	0♋16	22° 8	20°24	8° 8	12°57	10° 8	10°56	17°40	0°39	11°51	10°29	2°46	4°11	S 25
S 26	8 39 50	11°20'27	12°30	23°39	21°35	8°49	13°10	10°14	10°55	17°42	0°40	11°R52	10°26	2°53	4°16	S 26
M27	8 43 47	12°21'02	24°36	25°12	22°46	9°31	13°23	10°21	10°54	17°44	0°42	11°51	10°23	3° 0	4°21	M27
T 28	8 47 43	13°21'34	6♌36	26°45	23°57	10°13	13°36	10°28	10°54	17°46	0°44	11°48	10°19	3° 6	4°26	T 28
W29	8 51 40	14°22'06	18°31	28°19	25° 8	10°55	13°50	10°35	10°53	17°49	0°45	11°44	10°16	3°13	4°31	W29
T 30	8 55 36	15°22'35	0♍23	29°54	26°18	11°37	14° 3	10°42	10°52	17°51	0°47	11°39	10°13	3°20	4°36	T 30
F 31	8 59 33	16♒23'03	12♍14	1♒30	27♓29	12♈19	14♉16	10♓49	10♊51	17♒53	0♉49	11♉32	10♉10	3♍26	4♉41	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s36	15n27	2s29	21s29	1n50	15s55	1s36	3s51	0s24	23s28	0s 6	10s36	2s 0	22n21	0n 4	16s23	0s31	21s15	2n19	23s 1	23s 3	7n54	18s40	4n53
T 2	22 29	11 5	3 24	21 41	1 40	15 29	1 34	3 33	0 23	23 27	0 7	10 34	2 0	22 20	0 4	16 22	0 31	21 15	2 19	23 1	23 3	7 51	18 40	4 53
F 3	22 21	6 20	4 9	21 54	1 31	15 4	1 33	3 15	0 22	23 26	0 7	10 32	2 0	22 20	0 4	16 22	0 31	21 15	2 19	23 2	23 3	7 48	18 40	4 53
S 4	22 12	1 22	4 44	22 6	1 21	14 37	1 31	2 57	0 20	23 25	0 7	10 30	2 0	22 20	0 4	16 21	0 31	21 15	2 19	23 2	23 3	7 45	18 39	4 53
S 5	22 4	3s40	5 7	22 18	1 11	14 11	1 29	2 40	0 19	23 25	0 7	10 27	1 59	22 20	0 4	16 20	0 31	21 15	2 19	23 2	23 4	7 42	18 39	4 54
M 6	21 54	8 36	5 17	22 30	1 2	13 44	1 27	2 22	0 18	23 24	0 7	10 25	1 59	22 19	0 4	16 20	0 31	21 15	2 19	23 2	23 4	7 39	18 39	4 54
T 7	21 45	13 17	5 13	22 41	0 52	13 17	1 25	2 4	0 17	23 23	0 7	10 23	1 59	22 19	0 4	16 19	0 31	21 15	2 19	23 2	23 4	7 36	18 38	4 54
W 8	21 35	17 32	4 54	22 51	0 43	12 49	1 23	1 46	0 16	23 22	0 7	10 20	1 59	22 19	0 4	16 19	0 31	21 15	2 19	23 2	23 5	7 33	18 38	4 54
T 9	21 24	21 6	4 20	23 0	0 34	12 21	1 21	1 28	0 15	23 21	0 7	10 18	1 59	22 19	0 4	16 18	0 31	21 15	2 19	23 2	23 5	7 31	18 38	4 54
F 10	21 13	23 42	3 32	23 9	0 25	11 53	1 19	1 10	0 14	23 20	0 7	10 16	1 59	22 18	0 4	16 17	0 31	21 15	2 19	23 2	23 5	7 28	18 37	4 55
S 11	21 2	25 3	2 31	23 17	0 16	11 24	1 17	0 53	0 13	23 20	0 7	10 13	1 59	22 18	0 4	16 17	0 31	21 15	2 19	23 1	23 5	7 25	18 37	4 55
S 12	20 50	24 51	1 19	23 23	0 7	10 56	1 14	0 35	0 12	23 19	0 8	10 11	1 59	22 18	0 4	16 16	0 31	21 15	2 19	23 1	23 6	7 22	18 37	4 55
M13	20 38	23 0	0n 1	23 29	0s 1	10 27	1 12	0 17	0 11	23 18	0 8	10 8	1 59	22 18	0 4	16 15	0 31	21 15	2 19	23 1	23 6	7 19	18 36	4 55
T 14	20 26	19 34	1 21	23 34	0 10	9 57	1 9	0n 1	0 10	23 17	0 8	10 6	1 59	22 18	0 4	16 15	0 31	21 15	2 18	23 1	23 6	7 16	18 36	4 56
W15	20 13	14 47	2 38	23 38	0 18	9 28	1 7	0 18	0 9	23 16	0 8	10 3	1 58	22 17	0 4	16 14	0 31	21 16	2 18	23 2	23 6	7 13	18 36	4 56
T 16	20 0	9 5	3 43	23 40	0 25	8 58	1 4	0 36	0 8	23 15	0 8	10 1	1 58	22 17	0 4	16 13	0 31	21 16	2 18	23 2	23 7	7 10	18 35	4 56
F 17	19 46	2 54	4 33	23 42	0 33	8 28	1 1	0 54	0 7	23 14	0 8	9 58	1 58	22 17	0 4	16 13	0 31	21 16	2 18	23 2	23 7	7 7	18 35	4 56
S 18	19 32	3n20	5 4	23 42	0 40	7 58	0 58	1 12	0 6	23 13	0 8	9 56	1 58	22 17	0 4	16 12	0 31	21 16	2 18	23 2	23 7	7 5	18 34	4 57
S 19	19 18	9 16	5 15	23 41	0 47	7 28	0 55	1 29	0 5	23 12	0 8	9 53	1 58	22 17	0 4	16 11	0 31	21 16	2 18	23 2	23 7	7 2	18 34	4 57
M20	19 3	14 33	5 6	23 39	0 54	6 57	0 52	1 47	0 4	23 11	0 8	9 51	1 58	22 17	0 4	16 11	0 31	21 16	2 18	23 3	23 8	6 59	18 34	4 57
T 21	18 48	18 58	4 41	23 35	1 1	6 26	0 49	2 4	0 4	23 9	0 9	9 48	1 58	22 16	0 4	16 10	0 31	21 16	2 18	23 3	23 8	6 56	18 33	4 57
W22	18 33	22 17	4 0	23 30	1 7	5 56	0 46	2 22	0 3	23 8	0 9	9 46	1 58	22 16	0 4	16 9	0 31	21 16	2 18	23 2	23 8	6 53	18 33	4 58
T 23	18 17	24 21	3 8	23 24	1 13	5 25	0 43	2 40	0 2	23 7	0 9	9 43	1 58	22 16	0 4	16 8	0 31	21 16	2 18	23 2	23 8	6 50	18 32	4 58
F 24	18 1	25 8	2 8	23 17	1 19	4 54	0 39	2 57	0 1	23 6	0 9	9 40	1 58	22 16	0 4	16 8	0 31	21 16	2 18	23 2	23 9	6 47	18 32	4 58
S 25	17 45	24 37	1 3	23 8	1 24	4 22	0 36	3 14	0n 0	23 5	0 9	9 38	1 58	22 16	0 4	16 7	0 31	21 16	2 18	23 2	23 9	6 44	18 31	4 59
S 26	17 28	22 55	0s 4	22 57	1 30	3 51	0 33	3 32	0 1	23 4	0 9	9 35	1 58	22 16	0 4	16 6	0 31	21 16	2 18	23 2	23 9	6 41	18 31	4 59
M27	17 11	20 11	1 9	22 45	1 35	3 20	0 29	3 49	0 2	23 2	0 9	9 32	1 58	22 16	0 4	16 6	0 31	21 16	2 18	23 2	23 9	6 39	18 31	4 59
T 28	16 54	16 36	2 11	22 32	1 39	2 48	0 26	4 7	0 3	23 1	0 9	9 30	1 58	22 15	0 4	16 5	0 31	21 16	2 18	23 2	23 10	6 36	18 30	5 0
W29	16 36	12 24	3 7	22 18	1 43	2 17	0 22	4 24	0 4	23 0	0 9	9 27	1 58	22 15	0 4	16 4	0 31	21 16	2 18	23 3	23 10	6 33	18 30	5 0
T 30	16 19	7 45	3 54	22 2	1 47	1 45	0 18	4 41	0 4	22 59	0 10	9 24	1 58	22 15	0 4	16 4	0 31	21 16	2 18	23 3	23 10	6 30	18 29	5 0
F 31	16s 1	2n50	4s31	21s44	1s51	1s14	0s15	4n58	0n 5	22s58	0s10	9s21	1s58	22n15	0n 4	16s 3	0s31	21s16	2n18	23s 4	23s10	6n27	18s29	5n 1

Julian Day Number = 2095073.5, Delta T = 22m31s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'11, Lahiri = 10°15'11 Julian Calendar 1 Jan. 1024 == Greg. Calendar 7 Jan. 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

FEBRUARY 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 3 29	17♒23'29	24♍ 6	3♒ 7	28♓39	13♈ 0	14♉28	10♓56	10°R51	17♒55	0♉50	11°R25	10♉ 7	3♍33	4♉45	S 1
S 2	9 7 26	18°23'54	6♎ 1	4°45	29°49	13°42	14°41	11° 3	10♊50	17°58	0°52	11♉19	10° 3	3°40	4°50	S 2
M 3	9 11 22	19°24'18	18° 1	6°24	0♈59	14°24	14°54	11°10	10°50	18° 0	0°53	11°13	10° 0	3°47	4°55	M 3
T 4	9 15 19	20°24'39	0♏11	8° 3	2° 9	15° 5	15° 7	11°18	10°49	18° 2	0°55	11° 9	9°57	3°53	4°59	T 4
W 5	9 19 15	21°25'00	12°35	9°44	3°18	15°47	15°20	11°25	10°49	18° 5	0°56	11° 7	9°54	4° 0	5° 4	W 5
T 6	9 23 12	22°25'19	25°15	11°26	4°28	16°28	15°32	11°32	10°48	18° 7	0°58	11°D 7	9°51	4° 7	5° 9	T 6
F 7	9 27 9	23°25'36	8♐17	13° 8	5°37	17°10	15°45	11°39	10°48	18° 9	0°59	11° 8	9°48	4°13	5°13	F 7
S 8	9 31 5	24°25'52	21°44	14°52	6°47	17°52	15°57	11°46	10°48	18°11	1° 1	11° 9	9°44	4°20	5°17	S 8
S 9	9 35 2	25°26'07	5♉38	16°37	7°56	18°33	16°10	11°54	10°48	18°14	1° 2	11°R10	9°41	4°27	5°22	S 9
M10	9 38 58	26°26'20	20° 1	18°23	9° 5	19°15	16°22	12° 1	10°48	18°16	1° 3	11°10	9°38	4°33	5°26	M10
T 11	9 42 55	27°26'31	4♒48	20°10	10°14	19°56	16°34	12° 8	10°47	18°18	1° 5	11° 8	9°35	4°40	5°30	T 11
W12	9 46 51	28°26'40	19°55	21°58	11°22	20°37	16°47	12°16	10°D47	18°20	1° 6	11° 3	9°32	4°47	5°35	W12
T 13	9 50 48	29°26'47	5♓12	23°47	12°31	21°19	16°59	12°23	10°47	18°23	1° 7	10°57	9°29	4°54	5°39	T 13
F 14	9 54 45	0♓26'53	20°29	25°37	13°39	22° 0	17°11	12°30	10°47	18°25	1° 9	10°49	9°25	5° 0	5°43	F 14
S 15	9 58 41	1°26'56	5♈34	27°28	14°47	22°42	17°23	12°38	10°48	18°27	1°10	10°42	9°22	5° 7	5°47	S 15
S 16	10 2 38	2°26'57	20°19	29°20	15°55	23°23	17°35	12°45	10°48	18°29	1°11	10°34	9°19	5°14	5°51	S 16
M17	10 6 34	3°26'56	4♉38	1♓13	17° 3	24° 4	17°46	12°53	10°48	18°32	1°12	10°29	9°16	5°20	5°55	M17
T 18	10 10 31	4°26'53	18°27	3° 7	18°10	24°45	17°58	13° 0	10°48	18°34	1°13	10°26	9°13	5°27	5°59	T 18
W19	10 14 27	5°26'48	1♊48	5° 3	19°17	25°27	18°10	13° 7	10°49	18°36	1°15	10°D24	9° 9	5°34	6° 2	W19
T 20	10 18 24	6°26'40	14°44	6°59	20°25	26° 8	18°22	13°15	10°49	18°38	1°16	10°25	9° 6	5°40	6° 6	T 20
F 21	10 22 20	7°26'30	27°18	8°56	21°31	26°49	18°33	13°22	10°50	18°40	1°17	10°25	9° 3	5°47	6°10	F 21
S 22	10 26 17	8°26'18	9♋36	10°53	22°38	27°30	18°44	13°30	10°50	18°43	1°18	10°R26	9° 0	5°54	6°13	S 22
S 23	10 30 13	9°26'04	21°41	12°52	23°45	28°11	18°56	13°37	10°51	18°45	1°19	10°25	8°57	6° 0	6°17	S 23
M24	10 34 10	10°25'47	3♌38	14°51	24°51	28°52	19° 7	13°45	10°51	18°47	1°20	10°23	8°54	6° 7	6°20	M24
T 25	10 38 7	11°25'28	15°31	16°50	25°57	29°33	19°18	13°52	10°52	18°49	1°21	10°17	8°50	6°14	6°24	T 25
W26	10 42 3	12°25'07	27°21	18°50	27° 3	0♉14	19°29	14° 0	10°53	18°51	1°22	10° 9	8°47	6°21	6°27	W26
T 27	10 46 0	13°24'43	9♍12	20°50	28° 8	0°55	19°40	14° 7	10°53	18°53	1°23	9°59	8°44	6°27	6°30	T 27
F 28	10 49 56	14°24'18	21° 5	22°49	29°13	1°36	19°51	14°15	10°54	18°55	1°24	9°47	8°41	6°34	6°33	F 28
S 29	10 53 53	15♓23'50	3♎ 1	24♓48	0♉18	2♉17	20♉ 2	14♓22	10♊55	18♒58	1♉24	9♉34	8♉38	6♍41	6♉36	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s42	2s11	4s57	21s25	1s54	0s42	0s11	5n15	0n 6	22s56	0s10	9s19	1s57	22n15	0n 4	16s 2	0s31	21s16	2n18	23s 4	23s11	6n24	18s28	5n 1
S 2	15 24	7 7	5 9	21 4	1 57	0 11	0 7	5 32	0 7	22 55	0 10	9 16	1 57	22 15	0 4	16 2	0 31	21 16	2 17	23 5	23 11	6 21	18 28	5 1
M 3	15 5	11 51	5 8	20 42	2 0	0n21	0 3	5 49	0 8	22 54	0 10	9 13	1 57	22 15	0 4	16 1	0 31	21 16	2 17	23 5	23 11	6 18	18 27	5 2
T 4	14 46	16 10	4 54	20 18	2 2	0 53	0n 1	6 6	0 9	22 52	0 10	9 10	1 57	22 15	0 4	16 0	0 31	21 16	2 17	23 6	23 11	6 15	18 27	5 2
W 5	14 26	19 54	4 25	19 53	2 3	1 24	0 5	6 23	0 9	22 51	0 10	9 8	1 57	22 15	0 4	16 0	0 31	21 16	2 17	23 6	23 12	6 12	18 26	5 2
T 6	14 7	22 47	3 43	19 26	2 5	1 56	0 9	6 40	0 10	22 50	0 10	9 5	1 57	22 15	0 4	15 59	0 31	21 16	2 17	23 6	23 12	6 10	18 25	5 3
F 7	13 47	24 35	2 49	18 58	2 6	2 27	0 13	6 57	0 11	22 48	0 11	9 2	1 57	22 15	0 4	15 58	0 31	21 16	2 17	23 6	23 12	6 7	18 25	5 3
S 8	13 27	25 2	1 43	18 28	2 6	2 58	0 18	7 13	0 12	22 47	0 11	8 59	1 57	22 15	0 4	15 57	0 31	21 17	2 17	23 6	23 12	6 4	18 24	5 3
S 9	13 7	23 57	0 30	17 57	2 6	3 30	0 22	7 30	0 13	22 46	0 11	8 57	1 57	22 15	0 4	15 57	0 31	21 17	2 17	23 6	23 13	6 1	18 24	5 4
M10	12 46	21 17	0n48	17 24	2 6	4 1	0 26	7 47	0 13	22 44	0 11	8 54	1 57	22 15	0 4	15 56	0 31	21 17	2 17	23 6	23 13	5 58	18 23	5 4
T 11	12 25	17 9	2 4	16 49	2 5	4 32	0 30	8 3	0 14	22 43	0 11	8 51	1 57	22 15	0 4	15 55	0 32	21 17	2 17	23 6	23 13	5 55	18 23	5 5
W12	12 5	11 51	3 14	16 13	2 4	5 3	0 35	8 19	0 15	22 41	0 11	8 48	1 57	22 15	0 4	15 55	0 32	21 17	2 17	23 6	23 13	5 52	18 22	5 5
T 13	11 44	5 47	4 10	15 35	2 2	5 34	0 39	8 36	0 16	22 40	0 11	8 45	1 57	22 15	0 4	15 54	0 32	21 17	2 17	23 7	23 14	5 49	18 22	5 5
F 14	11 22	0n37	4 48	14 56	2 0	6 5	0 44	8 52	0 16	22 39	0 11	8 42	1 57	22 15	0 4	15 53	0 32	21 17	2 17	23 7	23 14	5 46	18 21	5 6
S 15	11 1	6 54	5 6	14 15	1 57	6 36	0 48	9 8	0 17	22 37	0 11	8 40	1 57	22 15	0 4	15 53	0 32	21 17	2 17	23 8	23 14	5 43	18 20	5 6
S 16	10 39	12 38	5 3	13 33	1 54	7 6	0 53	9 24	0 18	22 36	0 12	8 37	1 57	22 15	0 4	15 52	0 32	21 17	2 17	23 9	23 14	5 41	18 20	5 7
M17	10 18	17 31	4 40	12 49	1 50	7 37	0 57	9 40	0 19	22 34	0 12	8 34	1 57	22 15	0 4	15 51	0 32	21 17	2 17	23 9	23 14	5 38	18 19	5 7
T 18	9 56	21 17	4 2	12 3	1 46	8 7	1 2	9 56	0 19	22 33	0 12	8 31	1 57	22 15	0 4	15 51	0 32	21 17	2 17	23 9	23 15	5 35	18 19	5 7
W19	9 34	23 46	3 12	11 17	1 41	8 37	1 6	10 12	0 20	22 31	0 12	8 28	1 57	22 15	0 4	15 50	0 32	21 17	2 17	23 9	23 15	5 32	18 18	5 8
T 20	9 12	24 54	2 13	10 28	1 36	9 6	1 11	10 28	0 21	22 30	0 12	8 25	1 57	22 15	0 4	15 49	0 32	21 17	2 17	23 9	23 15	5 29	18 18	5 8
F 21	8 49	24 42	1 10	9 39	1 29	9 36	1 15	10 43	0 21	22 29	0 12	8 22	1 57	22 15	0 4	15 49	0 32	21 17	2 17	23 9	23 15	5 26	18 17	5 9
S 22	8 27	23 17	0 4	8 48	1 23	10 5	1 20	10 59	0 22	22 27	0 12	8 19	1 57	22 15	0 4	15 48	0 32	21 17	2 17	23 9	23 16	5 23	18 16	5 9
S 23	8 4	20 49	1s 0	7 56	1 16	10 35	1 25	11 14	0 23	22 26	0 13	8 17	1 57	22 15	0 4	15 47	0 32	21 17	2 17	23 9	23 16	5 20	18 16	5 10
M24	7 42	17 29	2 1	7 2	1 8	11 3	1 29	11 30	0 23	22 24	0 13	8 14	1 57	22 15	0 4	15 47	0 32	21 17	2 17	23 9	23 16	5 17	18 15	5 10
T 25	7 19	13 28	2 56	6 8	1 0	11 32	1 34	11 45	0 24	22 23	0 13	8 11	1 57	22 15	0 4	15 46	0 32	21 17	2 17	23 10	23 16	5 14	18 14	5 11
W26	6 56	8 58	3 43	5 13	0 51	12 0	1 39	12 0	0 25	22 21	0 13	8 8	1 57	22 16	0 4	15 45	0 32	21 17	2 17	23 11	23 16	5 12	18 14	5 11
T 27	6 33	4 9	4 20	4 17	0 41	12 28	1 43	12 15	0 25	22 20	0 13	8 5	1 57	22 16	0 4	15 45	0 32	21 17	2 17	23 11	23 17	5 9	18 13	5 11
F 28	6 10	0s50	4 46	3 21	0 31	12 56	1 48	12 30	0 26	22 18	0 13	8 2	1 58	22 16	0 4	15 44	0 32	21 17	2 17	23 12	23 17	5 6	18 13	5 12
S 29	5s47	5s47	5s 0	2s24	0s21	13n24	1n53	12n45	0n27	22s17	0s13	7s59	1s58	22n16	0n 4	15s43	0s32	21s17	2n17	23s13	23s17	5n 3	18s12	5n12

Julian Day Number = 2095104.5, Delta T = 22m31s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'15, Lahiri = 10°15'16 Julian Calendar 1 Feb. 1024 == Greg. Calendar 7 Feb. 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

MARCH 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 57 49	16♓23'21	15♎ 2	26♓46	1♉23	2♉58	20♑13	14♓30	10♊56	19♒ 0	1♑25	9°R22	8♑35	6♍47	6♑40	S 1
M 2	11 1 46	17°22'49	27° 9	28°43	2°27	3°39	20°23	14°37	10°57	19° 2	1°26	9♑11	8°31	6°54	6°43	M 2
T 3	11 5 42	18°22'16	9♏24	0♈38	3°31	4°20	20°34	14°45	10°58	19° 4	1°27	9° 2	8°28	7° 1	6°45	T 3
W 4	11 9 39	19°21'41	21°51	2°31	4°35	5° 0	20°44	14°52	10°59	19° 6	1°28	8°56	8°25	7° 8	6°48	W 4
T 5	11 13 36	20°21'04	4♐31	4°22	5°39	5°41	20°54	15° 0	11° 0	19° 8	1°28	8°53	8°22	7°14	6°51	T 5
F 6	11 17 32	21°20'25	17°29	6°11	6°42	6°22	21° 5	15° 7	11° 1	19°10	1°29	8°D52	8°19	7°21	6°54	F 6
S 7	11 21 29	22°19'45	0♑48	7°55	7°45	7° 3	21°15	15°14	11° 3	19°12	1°30	8°52	8°15	7°28	6°56	S 7
S 8	11 25 25	23°19'02	14°31	9°37	8°48	7°43	21°25	15°22	11° 4	19°14	1°30	8°R52	8°12	7°34	6°59	S 8
M 9	11 29 22	24°18'18	28°41	11°14	9°50	8°24	21°34	15°29	11° 5	19°16	1°31	8°51	8° 9	7°41	7° 1	M 9
T 10	11 33 18	25°17'32	13♒15	12°47	10°52	9° 5	21°44	15°37	11° 6	19°18	1°31	8°47	8° 6	7°48	7° 4	T 10
W11	11 37 15	26°16'44	28°11	14°15	11°53	9°45	21°54	15°44	11° 8	19°20	1°32	8°41	8° 3	7°54	7° 6	W11
T 12	11 41 11	27°15'54	13♓22	15°38	12°55	10°26	22° 3	15°52	11° 9	19°22	1°33	8°32	8° 0	8° 1	7° 8	T 12
F 13	11 45 8	28°15'02	28°38	16°56	13°55	11° 6	22°13	15°59	11°11	19°23	1°33	8°22	7°56	8° 8	7°11	F 13
S 14	11 49 5	29°14'08	13♈47	18° 8	14°56	11°47	22°22	16° 6	11°12	19°25	1°33	8°10	7°53	8°15	7°13	S 14
S 15	11 53 1	0♈13'12	28°40	19°14	15°56	12°27	22°31	16°14	11°14	19°27	1°34	8° 0	7°50	8°21	7°15	S 15
M16	11 56 58	1°12'13	13♉ 7	20°14	16°56	13° 8	22°40	16°21	11°16	19°29	1°34	7°51	7°47	8°28	7°17	M16
T 17	12 0 54	2°11'13	27° 6	21° 8	17°55	13°48	22°49	16°28	11°17	19°31	1°35	7°45	7°44	8°35	7°18	T 17
W18	12 4 51	3°10'10	10♊35	21°55	18°54	14°28	22°58	16°36	11°19	19°33	1°35	7°42	7°40	8°41	7°20	W18
T 19	12 8 47	4° 9'04	23°35	22°36	19°52	15° 9	23° 6	16°43	11°21	19°34	1°35	7°40	7°37	8°48	7°22	T 19
F 20	12 12 44	5° 7'57	6♋12	23°10	20°50	15°49	23°15	16°50	11°23	19°36	1°35	7°40	7°34	8°55	7°24	F 20
S 21	12 16 40	6° 6'47	18°29	23°38	21°47	16°29	23°23	16°57	11°25	19°38	1°36	7°40	7°31	9° 1	7°25	S 21
S 22	12 20 37	7° 5'34	0♌32	23°59	22°44	17°10	23°32	17° 5	11°27	19°39	1°36	7°39	7°28	9° 8	7°27	S 22
M23	12 24 34	8° 4'20	12°27	24°13	23°40	17°50	23°40	17°12	11°29	19°41	1°36	7°35	7°25	9°15	7°28	M23
T 24	12 28 30	9° 3'03	24°17	24°21	24°36	18°30	23°48	17°19	11°31	19°43	1°36	7°29	7°21	9°22	7°29	T 24
W25	12 32 27	10° 1'44	6♍ 7	24°R22	25°31	19°10	23°55	17°26	11°33	19°44	1°36	7°20	7°18	9°28	7°31	W25
T 26	12 36 23	11° 0'22	17°59	24°18	26°26	19°50	24° 3	17°33	11°35	19°46	1°36	7° 9	7°15	9°35	7°32	T 26
F 27	12 40 20	11°58'59	29°56	24° 7	27°20	20°30	24°11	17°40	11°37	19°48	1°36	6°55	7°12	9°42	7°33	F 27
S 28	12 44 16	12°57'33	11♎59	23°51	28°14	21°10	24°18	17°47	11°39	19°49	1°R36	6°41	7° 9	9°48	7°34	S 28
S 29	12 48 13	13°56'06	24° 9	23°30	29° 6	21°50	24°25	17°54	11°41	19°51	1°36	6°28	7° 6	9°55	7°35	S 29
M30	12 52 9	14°54'36	6♏28	23° 4	29°59	22°30	24°33	18° 1	11°44	19°52	1°36	6°16	7° 2	10° 2	7°35	M30
T 31	12 56 6	15♈53'05	18♏56	22♈34	0♊50	23♉10	24♑40	18♓ 8	11♊46	19♒54	1♑36	6♑ 6	6♑59	10♍ 9	7♑36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s24	10s34	5s 1	1s27	0s10	13n51	1n57	13n 0	0n27	22s16	0s13	7s57	1s58	22n16	0n 4	15s43	0s32	21s17	2n16	23s14	23s17	5n 0	18s11	5n13
M 2	5 1	14 58	4 48	0 30	0n 1	14 18	2 2	13 14	0 28	22 14	0 14	7 54	1 58	22 16	0 4	15 42	0 32	21 17	2 16	23 15	23 17	4 57	18 11	5 13
T 3	4 37	18 49	4 21	0n27	0 13	14 44	2 7	13 29	0 28	22 13	0 14	7 51	1 58	22 16	0 4	15 41	0 32	21 17	2 16	23 15	23 18	4 54	18 10	5 14
W 4	4 14	21 54	3 42	1 23	0 25	15 11	2 11	13 43	0 29	22 11	0 14	7 48	1 58	22 16	0 4	15 41	0 32	21 17	2 16	23 16	23 18	4 51	18 10	5 14
T 5	3 51	23 58	2 52	2 19	0 37	15 37	2 16	13 57	0 30	22 10	0 14	7 45	1 58	22 17	0 4	15 40	0 32	21 17	2 16	23 16	23 18	4 48	18 9	5 15
F 6	3 27	24 49	1 51	3 13	0 49	16 2	2 21	14 11	0 30	22 8	0 14	7 42	1 58	22 17	0 4	15 40	0 32	21 17	2 16	23 16	23 18	4 46	18 8	5 15
S 7	3 4	24 17	0 43	4 6	1 2	16 27	2 25	14 25	0 31	22 7	0 14	7 39	1 58	22 17	0 4	15 39	0 32	21 17	2 16	23 16	23 18	4 43	18 8	5 16
S 8	2 40	22 16	0n30	4 58	1 14	16 52	2 30	14 39	0 31	22 5	0 14	7 36	1 58	22 17	0 4	15 38	0 32	21 17	2 16	23 16	23 19	4 40	18 7	5 16
M 9	2 16	18 51	1 43	5 47	1 26	17 17	2 34	14 53	0 32	22 4	0 15	7 34	1 58	22 17	0 4	15 38	0 32	21 17	2 16	23 16	23 19	4 37	18 7	5 17
T 10	1 53	14 12	2 51	6 35	1 38	17 41	2 39	15 7	0 33	22 3	0 15	7 31	1 58	22 18	0 4	15 37	0 32	21 17	2 16	23 16	23 19	4 34	18 6	5 17
W11	1 29	8 35	3 50	7 20	1 50	18 4	2 43	15 20	0 33	22 1	0 15	7 28	1 58	22 18	0 4	15 37	0 32	21 17	2 16	23 17	23 19	4 31	18 5	5 18
T 12	1 6	2 23	4 33	8 3	2 1	18 28	2 48	15 34	0 34	22 0	0 15	7 25	1 58	22 18	0 4	15 36	0 32	21 17	2 16	23 17	23 19	4 28	18 5	5 18
F 13	0 42	3n59	4 56	8 43	2 12	18 50	2 52	15 47	0 34	21 58	0 15	7 22	1 58	22 18	0 4	15 35	0 32	21 17	2 16	23 18	23 20	4 25	18 4	5 19
S 14	0 18	10 3	4 59	9 20	2 22	19 13	2 57	16 0	0 35	21 57	0 15	7 20	1 58	22 18	0 4	15 35	0 32	21 17	2 16	23 19	23 20	4 22	18 3	5 19
S 15	0n 5	15 26	4 42	9 54	2 31	19 35	3 1	16 13	0 35	21 56	0 16	7 17	1 58	22 19	0 4	15 34	0 32	21 17	2 16	23 19	23 20	4 19	18 3	5 20
M16	0 29	19 46	4 6	10 25	2 40	19 56	3 5	16 26	0 36	21 54	0 16	7 14	1 59	22 19	0 4	15 34	0 32	21 17	2 16	23 20	23 20	4 17	18 2	5 20
T 17	0 52	22 48	3 17	10 52	2 47	20 17	3 9	16 39	0 37	21 53	0 16	7 11	1 59	22 19	0 4	15 33	0 32	21 17	2 16	23 20	23 20	4 14	18 2	5 21
W18	1 16	24 26	2 18	11 16	2 54	20 38	3 14	16 51	0 37	21 52	0 16	7 8	1 59	22 19	0 4	15 33	0 32	21 17	2 16	23 20	23 21	4 11	18 1	5 21
T 19	1 40	24 38	1 14	11 37	3 0	20 58	3 18	17 4	0 38	21 50	0 16	7 6	1 59	22 20	0 4	15 32	0 32	21 17	2 16	23 21	23 21	4 8	18 0	5 22
F 20	2 3	23 33	0 8	11 54	3 5	21 18	3 22	17 16	0 38	21 49	0 16	7 3	1 59	22 20	0 4	15 32	0 32	21 17	2 16	23 21	23 21	4 5	18 0	5 22
S 21	2 26	21 21	0s57	12 8	3 8	21 37	3 26	17 28	0 39	21 48	0 16	7 0	1 59	22 20	0 4	15 31	0 32	21 17	2 16	23 21	23 21	4 2	17 59	5 23
S 22	2 50	18 13	1 58	12 18	3 11	21 56	3 29	17 40	0 39	21 47	0 17	6 57	1 59	22 20	0 4	15 31	0 32	21 17	2 16	23 21	23 21	3 59	17 59	5 23
M23	3 13	14 24	2 53	12 24	3 12	22 14	3 33	17 52	0 40	21 45	0 17	6 55	1 59	22 21	0 4	15 30	0 32	21 18	2 16	23 21	23 21	3 56	17 58	5 24
T 24	3 36	10 3	3 40	12 27	3 11	22 32	3 37	18 4	0 40	21 44	0 17	6 52	1 59	22 21	0 4	15 30	0 32	21 18	2 16	23 21	23 22	3 53	17 57	5 24
W25	4 0	5 20	4 17	12 26	3 10	22 49	3 41	18 16	0 41	21 43	0 17	6 49	1 59	22 21	0 4	15 29	0 32	21 18	2 16	23 22	23 22	3 51	17 57	5 25
T 26	4 23	0 26	4 43	12 21	3 7	23 5	3 44	18 27	0 41	21 42	0 17	6 47	2 0	22 22	0 4	15 29	0 32	21 18	2 16	23 22	23 22	3 48	17 56	5 25
F 27	4 46	4s31	4 57	12 13	3 2	23 22	3 48	18 38	0 42	21 41	0 17	6 44	2 0	22 22	0 4	15 28	0 32	21 18	2 16	23 23	23 22	3 45	17 56	5 26
S 28	5 9	9 20	4 58	12 2	2 56	23 37	3 51	18 49	0 42	21 39	0 18	6 41	2 0	22 22	0 4	15 28	0 32	21 18	2 16	23 24	23 22	3 42	17 55	5 26
S 29	5 32	13 50	4 46	11 47	2 48	23 52	3 54	19 0	0 43	21 38	0 18	6 39	2 0	22 22	0 4	15 27	0 32	21 18	2 16	23 24	23 23	3 39	17 55	5 27
M30	5 54	17 50	4 20	11 29	2 40	24 7	3 57	19 11	0 43	21 37	0 18	6 36	2 0	22 23	0 4	15 27	0 32	21 18	2 16	23 25	23 23	3 36	17 54	5 27
T 31	6n17	21s 5	3s41	11n 8	2n29	24n21	4n 0	19n22	0n43	21s36	0s18	6s33	2s 0	22n23	0n 4	15s26	0s32	21s18	2n16	23s25	23s23	3n33	17s53	5n28

Julian Day Number = 2095133.5, Delta T = 22m30s
Ecliptic obliquity = 23°33'59, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'19, Lahiri = 10°15'20 Julian Calendar 1 March 1024 == Greg. Calendar 7 March 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

APRIL 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	13 0 2	16♈51'32	1♐34	22°R 0	1♊41	23♉50	24♑46	18♓15	11♊48	19♒55	1°R36	5°R59	6♑56	10♍15	7♑37	W 1
T 2	13 3 59	17°49'58	14°23	21♈24	2°31	24°30	24°53	18°22	11°51	19°56	1♑36	5♑55	6°53	10°22	7°37	T 2
F 3	13 7 56	18°48'21	27°27	20°45	3°20	25°10	25° 0	18°29	11°53	19°58	1°36	5°54	6°50	10°29	7°38	F 3
S 4	13 11 52	19°46'43	10♑47	20° 5	4° 9	25°50	25° 6	18°36	11°56	19°59	1°36	5°D54	6°46	10°35	7°38	S 4
S 5	13 15 49	20°45'04	24°26	19°25	4°56	26°30	25°12	18°42	11°58	20° 1	1°36	5°R54	6°43	10°42	7°39	S 5
M 6	13 19 45	21°43'23	8♒25	18°44	5°43	27°10	25°18	18°49	12° 1	20° 2	1°35	5°53	6°40	10°49	7°39	M 6
T 7	13 23 42	22°41'40	22°44	18° 5	6°29	27°49	25°24	18°56	12° 3	20° 3	1°35	5°50	6°37	10°55	7°39	T 7
W 8	13 27 38	23°39'56	7♓22	17°26	7°14	28°29	25°30	19° 2	12° 6	20° 4	1°35	5°44	6°34	11° 2	7°39	W 8
T 9	13 31 35	24°38'10	22°14	16°50	7°58	29° 9	25°36	19° 9	12° 9	20° 6	1°34	5°36	6°31	11° 9	7°R39	T 9
F 10	13 35 31	25°36'22	7♈11	16°17	8°42	29°49	25°41	19°15	12°11	20° 7	1°34	5°27	6°27	11°16	7°39	F 10
S 11	13 39 28	26°34'33	22° 7	15°46	9°24	0♊28	25°46	19°22	12°14	20° 8	1°34	5°17	6°24	11°22	7°39	S 11
S 12	13 43 25	27°32'42	6♉50	15°20	10° 5	1° 8	25°52	19°28	12°17	20° 9	1°33	5° 7	6°21	11°29	7°39	S 12
M13	13 47 21	28°30'50	21°14	14°57	10°45	1°48	25°57	19°35	12°19	20°10	1°33	4°59	6°18	11°36	7°39	M13
T 14	13 51 18	29°28'55	5♊12	14°38	11°24	2°27	26° 1	19°41	12°22	20°11	1°32	4°53	6°15	11°42	7°38	T 14
W15	13 55 14	0♉26'59	18°43	14°24	12° 1	3° 7	26° 6	19°48	12°25	20°12	1°32	4°49	6°12	11°49	7°38	W15
T 16	13 59 11	1°25'01	1♋48	14°15	12°38	3°46	26°10	19°54	12°28	20°13	1°31	4°D48	6° 8	11°56	7°37	T 16
F 17	14 3 7	2°23'01	14°28	14°10	13°13	4°26	26°15	20° 0	12°31	20°14	1°31	4°49	6° 5	12° 3	7°37	F 17
S 18	14 7 4	3°20'59	26°49	14°D10	13°47	5° 5	26°19	20° 6	12°34	20°15	1°30	4°49	6° 2	12° 9	7°36	S 18
S 19	14 11 0	4°18'55	8♌55	14°14	14°19	5°45	26°23	20°12	12°37	20°16	1°29	4°R49	5°59	12°16	7°35	S 19
M20	14 14 57	5°16'49	20°51	14°24	14°50	6°24	26°26	20°18	12°40	20°17	1°29	4°48	5°56	12°23	7°34	M20
T 21	14 18 54	6°14'41	2♍42	14°37	15°20	7° 4	26°30	20°24	12°43	20°18	1°28	4°44	5°52	12°29	7°33	T 21
W22	14 22 50	7°12'32	14°33	14°56	15°48	7°43	26°33	20°30	12°46	20°19	1°27	4°39	5°49	12°36	7°32	W22
T 23	14 26 47	8°10'21	26°28	15°18	16°14	8°22	26°37	20°36	12°49	20°20	1°27	4°31	5°46	12°43	7°31	T 23
F 24	14 30 43	9° 8'08	8♎30	15°45	16°39	9° 2	26°40	20°42	12°52	20°21	1°26	4°22	5°43	12°50	7°30	F 24
S 25	14 34 40	10° 5'53	20°41	16°17	17° 2	9°41	26°42	20°48	12°55	20°21	1°25	4°12	5°40	12°56	7°29	S 25
S 26	14 38 36	11° 3'37	3♏ 3	16°52	17°23	10°20	26°45	20°53	12°58	20°22	1°24	4° 2	5°37	13° 3	7°28	S 26
M27	14 42 33	12° 1'20	15°36	17°31	17°43	11° 0	26°48	20°59	13° 1	20°23	1°23	3°53	5°33	13°10	7°26	M27
T 28	14 46 29	12°59'01	28°21	18°14	18° 0	11°39	26°50	21° 5	13° 5	20°23	1°23	3°46	5°30	13°16	7°25	T 28
W29	14 50 26	13°56'41	11♐17	19° 0	18°16	12°18	26°52	21°10	13° 8	20°24	1°22	3°42	5°27	13°23	7°23	W29
T 30	14 54 23	14♉54'19	24♐25	19♈50	18♊29	12♊57	26♑54	21♓16	13♊11	20♒25	1♑21	3♑40	5♑24	13♍30	7♑22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n40	23s22	2s51	10n45	2n18	24n35	4n 3	19n32	0n44	21s35	0s18	6s31	2s 0	22n23	0n 4	15s26	0s33	21s18	2n16	23s26	23s23	3n30	17s53	5n28
T 2	7 2	24 29	1 51	10 19	2 5	24 48	4 6	19 43	0 44	21 34	0 18	6 28	2 0	22 24	0 4	15 25	0 33	21 18	2 16	23 26	23 23	3 27	17 52	5 29
F 3	7 24	24 17	0 45	9 52	1 51	25 0	4 9	19 53	0 45	21 33	0 19	6 26	2 1	22 24	0 4	15 25	0 33	21 18	2 16	23 26	23 23	3 24	17 52	5 30
S 4	7 47	22 42	0n26	9 23	1 36	25 12	4 11	20 3	0 45	21 32	0 19	6 23	2 1	22 24	0 4	15 25	0 33	21 18	2 16	23 26	23 24	3 22	17 51	5 30
S 5	8 9	19 46	1 37	8 53	1 21	25 23	4 14	20 13	0 46	21 31	0 19	6 21	2 1	22 25	0 4	15 24	0 33	21 18	2 15	23 26	23 24	3 19	17 51	5 31
M 6	8 31	15 38	2 43	8 22	1 4	25 34	4 16	20 23	0 46	21 30	0 19	6 18	2 1	22 25	0 4	15 24	0 33	21 18	2 15	23 26	23 24	3 16	17 50	5 31
T 7	8 52	10 31	3 41	7 52	0 48	25 45	4 18	20 32	0 46	21 29	0 19	6 15	2 1	22 25	0 4	15 23	0 33	21 18	2 15	23 26	23 24	3 13	17 50	5 32
W 8	9 14	4 44	4 26	7 21	0 31	25 54	4 20	20 41	0 47	21 28	0 20	6 13	2 1	22 26	0 4	15 23	0 33	21 18	2 15	23 26	23 24	3 10	17 49	5 32
T 9	9 36	1n24	4 54	6 52	0 14	26 4	4 22	20 51	0 47	21 27	0 20	6 11	2 1	22 26	0 4	15 23	0 33	21 18	2 15	23 27	23 24	3 7	17 48	5 33
F 10	9 57	7 29	5 2	6 23	0s 3	26 12	4 23	21 0	0 48	21 27	0 20	6 8	2 2	22 27	0 4	15 22	0 33	21 18	2 15	23 27	23 24	3 4	17 48	5 33
S 11	10 18	13 7	4 49	5 56	0 20	26 20	4 25	21 9	0 48	21 26	0 20	6 6	2 2	22 27	0 4	15 22	0 33	21 18	2 15	23 28	23 25	3 1	17 47	5 34
S 12	10 39	17 55	4 17	5 31	0 36	26 28	4 26	21 17	0 49	21 25	0 20	6 3	2 2	22 27	0 4	15 22	0 33	21 18	2 15	23 28	23 25	2 59	17 47	5 34
M13	11 0	21 32	3 30	5 7	0 52	26 35	4 27	21 26	0 49	21 24	0 20	6 1	2 2	22 28	0 4	15 21	0 33	21 18	2 15	23 28	23 25	2 56	17 46	5 35
T 14	11 21	23 45	2 31	4 46	1 7	26 41	4 28	21 34	0 49	21 24	0 21	5 59	2 2	22 28	0 4	15 21	0 33	21 18	2 15	23 29	23 25	2 53	17 46	5 35
W15	11 41	24 29	1 25	4 27	1 22	26 47	4 28	21 42	0 50	21 23	0 21	5 56	2 2	22 28	0 4	15 21	0 33	21 18	2 15	23 29	23 25	2 50	17 45	5 36
T 16	12 2	23 49	0 16	4 10	1 36	26 52	4 29	21 50	0 50	21 22	0 21	5 54	2 2	22 29	0 4	15 20	0 33	21 18	2 15	23 29	23 25	2 47	17 45	5 36
F 17	12 22	21 55	0s51	3 56	1 49	26 57	4 29	21 58	0 50	21 22	0 21	5 52	2 3	22 29	0 4	15 20	0 33	21 18	2 15	23 29	23 26	2 44	17 45	5 37
S 18	12 42	19 2	1 55	3 45	2 1	27 1	4 29	22 6	0 51	21 21	0 21	5 49	2 3	22 30	0 4	15 20	0 33	21 18	2 15	23 29	23 26	2 41	17 44	5 37
S 19	13 2	15 22	2 52	3 36	2 13	27 5	4 29	22 13	0 51	21 20	0 22	5 47	2 3	22 30	0 4	15 20	0 33	21 18	2 15	23 29	23 26	2 38	17 44	5 38
M20	13 21	11 9	3 40	3 30	2 23	27 8	4 28	22 20	0 52	21 20	0 22	5 45	2 3	22 30	0 4	15 19	0 33	21 19	2 15	23 29	23 26	2 35	17 43	5 38
T 21	13 40	6 32	4 19	3 27	2 33	27 11	4 27	22 27	0 52	21 19	0 22	5 43	2 3	22 31	0 4	15 19	0 33	21 19	2 15	23 29	23 26	2 33	17 43	5 39
W22	13 59	1 42	4 47	3 26	2 41	27 13	4 26	22 34	0 52	21 19	0 22	5 40	2 4	22 31	0 4	15 19	0 33	21 19	2 15	23 29	23 26	2 30	17 42	5 39
T 23	14 18	3s12	5 2	3 28	2 49	27 14	4 24	22 41	0 53	21 19	0 22	5 38	2 4	22 32	0 4	15 19	0 33	21 19	2 15	23 29	23 26	2 27	17 42	5 40
F 24	14 37	8 2	5 4	3 32	2 56	27 15	4 23	22 48	0 53	21 18	0 23	5 36	2 4	22 32	0 4	15 18	0 33	21 19	2 15	23 30	23 27	2 24	17 41	5 40
S 25	14 55	12 38	4 53	3 38	3 2	27 15	4 21	22 54	0 53	21 18	0 23	5 34	2 4	22 32	0 4	15 18	0 33	21 19	2 15	23 30	23 27	2 21	17 41	5 41
S 26	15 14	16 46	4 27	3 47	3 7	27 15	4 18	23 0	0 54	21 18	0 23	5 32	2 4	22 33	0 4	15 18	0 33	21 19	2 15	23 30	23 27	2 18	17 41	5 41
M27	15 31	20 14	3 49	3 58	3 11	27 14	4 15	23 6	0 54	21 17	0 23	5 30	2 5	22 33	0 4	15 18	0 33	21 19	2 15	23 31	23 27	2 15	17 40	5 42
T 28	15 49	22 47	2 58	4 11	3 15	27 13	4 12	23 12	0 54	21 17	0 23	5 28	2 5	22 34	0 4	15 18	0 33	21 19	2 15	23 31	23 27	2 12	17 40	5 42
W29	16 6	24 11	1 57	4 27	3 17	27 11	4 9	23 17	0 55	21 17	0 24	5 26	2 5	22 34	0 4	15 17	0 33	21 19	2 15	23 31	23 27	2 10	17 39	5 43
T 30	16n24	24s16	0s50	4n44	3s19	27n 8	4n 5	23n23	0n55	21s17	0s24	5s24	2s 5	22n34	0n 4	15s17	0s33	21s19	2n15	23s31	23s27	2n 7	17s39	5n43

Julian Day Number = 2095164.5, Delta T = 22m30s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'23, Lahiri = 10°15'24 Julian Calendar 1 Apr. 1024 == Greg. Calendar 7 Apr. 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

MAY 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 58 19	15♉51'57	7♑45	20♈44	18♊41	13♊36	26♑56	21♓21	13♊14	20♒25	1°R20	3°D39	5♑21	13♍37	7°R20	F 1
S 2	15 2 16	16°49'33	21°18	21°41	18°50	14°16	26°57	21°26	13°18	20°26	1♑19	3♑40	5°17	13°43	7♑18	S 2
S 3	15 6 12	17°47'09	5♒ 3	22°41	18°57	14°55	26°59	21°32	13°21	20°26	1°18	3°41	5°14	13°50	7°16	S 3
M 4	15 10 9	18°44'43	19° 1	23°44	19° 2	15°34	27° 0	21°37	13°24	20°27	1°17	3°R42	5°11	13°57	7°15	M 4
T 5	15 14 5	19°42'17	3♓12	24°50	19° 5	16°13	27° 1	21°42	13°28	20°27	1°16	3°41	5° 8	14° 3	7°13	T 5
W 6	15 18 2	20°39'49	17°34	25°59	19°R 5	16°52	27° 2	21°47	13°31	20°28	1°15	3°39	5° 5	14°10	7°11	W 6
T 7	15 21 58	21°37'21	2♈ 4	27°11	19° 3	17°31	27° 2	21°52	13°34	20°28	1°14	3°34	5° 2	14°17	7° 9	T 7
F 8	15 25 55	22°34'52	16°36	28°26	18°59	18°10	27° 3	21°57	13°38	20°28	1°13	3°29	4°58	14°24	7° 6	F 8
S 9	15 29 52	23°32'22	1♉ 6	29°44	18°52	18°49	27° 3	22° 2	13°41	20°29	1°12	3°23	4°55	14°30	7° 4	S 9
S 10	15 33 48	24°29'51	15°27	1♉ 4	18°43	19°28	27°R 3	22° 6	13°44	20°29	1°11	3°17	4°52	14°37	7° 2	S 10
M11	15 37 45	25°27'19	29°32	2°28	18°31	20° 7	27° 3	22°11	13°48	20°29	1°10	3°12	4°49	14°44	7° 0	M11
T 12	15 41 41	26°24'46	13♊18	3°53	18°17	20°46	27° 2	22°16	13°51	20°29	1° 8	3° 9	4°46	14°50	6°57	T 12
W13	15 45 38	27°22'12	26°42	5°22	18° 1	21°25	27° 2	22°20	13°55	20°29	1° 7	3°D 7	4°43	14°57	6°55	W13
T 14	15 49 34	28°19'36	9♋44	6°53	17°42	22° 4	27° 1	22°25	13°58	20°30	1° 6	3° 7	4°39	15° 4	6°52	T 14
F 15	15 53 31	29°17'00	22°24	8°27	17°21	22°43	27° 0	22°29	14° 2	20°30	1° 5	3° 8	4°36	15°11	6°50	F 15
S 16	15 57 27	0♊14'23	4♌47	10° 3	16°58	23°21	26°59	22°33	14° 5	20°30	1° 4	3°10	4°33	15°17	6°47	S 16
S 17	16 1 24	1°11'44	16°55	11°42	16°33	24° 0	26°58	22°38	14° 9	20°30	1° 2	3°12	4°30	15°24	6°44	S 17
M18	16 5 21	2° 9'04	28°53	13°24	16° 5	24°39	26°56	22°42	14°12	20°R30	1° 1	3°R12	4°27	15°31	6°42	M18
T 19	16 9 17	3° 6'23	10♍46	15° 8	15°36	25°18	26°55	22°46	14°16	20°30	1° 0	3°12	4°23	15°37	6°39	T 19
W20	16 13 14	4° 3'41	22°39	16°55	15° 5	25°57	26°53	22°50	14°19	20°30	0°59	3°11	4°20	15°44	6°36	W20
T 21	16 17 10	5° 0'58	4♎37	18°44	14°33	26°35	26°51	22°54	14°23	20°30	0°57	3° 8	4°17	15°51	6°33	T 21
F 22	16 21 7	5°58'15	16°42	20°35	13°59	27°14	26°49	22°58	14°26	20°29	0°56	3° 4	4°14	15°58	6°30	F 22
S 23	16 25 3	6°55'30	29° 0	22°29	13°24	27°53	26°46	23° 1	14°30	20°29	0°55	3° 0	4°11	16° 4	6°27	S 23
S 24	16 29 0	7°52'44	11♏31	24°26	12°48	28°32	26°44	23° 5	14°34	20°29	0°53	2°56	4° 8	16°11	6°24	S 24
M25	16 32 56	8°49'58	24°17	26°24	12°11	29°10	26°41	23° 8	14°37	20°29	0°52	2°53	4° 4	16°18	6°21	M25
T 26	16 36 53	9°47'11	7♐20	28°25	11°33	29°49	26°38	23°12	14°41	20°29	0°51	2°50	4° 1	16°24	6°18	T 26
W27	16 40 50	10°44'24	20°37	0♊28	10°56	0♋28	26°35	23°15	14°44	20°28	0°49	2°48	3°58	16°31	6°15	W27
T 28	16 44 46	11°41'36	4♑ 9	2°33	10°18	1° 6	26°31	23°19	14°48	20°28	0°48	2°D48	3°55	16°38	6°12	T 28
F 29	16 48 43	12°38'48	17°54	4°39	9°41	1°45	26°28	23°22	14°51	20°28	0°47	2°49	3°52	16°45	6° 9	F 29
S 30	16 52 39	13°35'59	1♒48	6°47	9° 4	2°24	26°24	23°25	14°55	20°27	0°45	2°50	3°49	16°51	6° 5	S 30
S 31	16 56 36	14♊33'10	15♒51	8♊56	8♊27	3♋ 2	26♑20	23♓28	14♊59	20♒27	0♑44	2♑51	3♑45	16♍58	6♑ 2	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n41	22s58	0n22	5n 3	3s20	27n 5	4n 1	23n28	0n55	21s16	0s24	5s22	2s 5	22n35	0n 4	15s17	0s33	21s19	2n14	23s31	23s27	2n 4	17s39	5n44
S 2	16 57	20 20	1 34	5 24	3 20	27 1	3 56	23 33	0 56	21 16	0 24	5 20	2 6	22 35	0 4	15 17	0 33	21 19	2 14	23 31	23 28	2 1	17 38	5 44
S 3	17 13	16 30	2 41	5 47	3 19	26 56	3 51	23 38	0 56	21 16	0 24	5 18	2 6	22 36	0 4	15 17	0 33	21 19	2 14	23 31	23 28	1 58	17 38	5 44
M 4	17 30	11 43	3 40	6 11	3 18	26 51	3 45	23 43	0 56	21 16	0 25	5 16	2 6	22 36	0 4	15 17	0 33	21 19	2 14	23 31	23 28	1 55	17 38	5 45
T 5	17 45	6 14	4 27	6 38	3 16	26 45	3 39	23 47	0 56	21 16	0 25	5 14	2 6	22 36	0 4	15 17	0 33	21 19	2 14	23 31	23 28	1 52	17 37	5 45
W 6	18 1	0 23	4 57	7 5	3 13	26 39	3 33	23 51	0 57	21 16	0 25	5 13	2 6	22 37	0 4	15 16	0 34	21 19	2 14	23 31	23 28	1 50	17 37	5 46
T 7	18 16	5n33	5 9	7 34	3 10	26 32	3 26	23 55	0 57	21 16	0 25	5 11	2 7	22 37	0 4	15 16	0 34	21 19	2 14	23 31	23 28	1 47	17 37	5 46
F 8	18 31	11 11	5 1	8 5	3 6	26 24	3 18	23 59	0 57	21 16	0 25	5 9	2 7	22 38	0 4	15 16	0 34	21 20	2 14	23 31	23 28	1 44	17 36	5 47
S 9	18 45	16 11	4 34	8 36	3 2	26 16	3 11	24 3	0 58	21 17	0 26	5 7	2 7	22 38	0 4	15 16	0 34	21 20	2 14	23 31	23 28	1 41	17 36	5 47
S 10	19 0	20 13	3 50	9 9	2 56	26 6	3 2	24 6	0 58	21 17	0 26	5 6	2 7	22 39	0 4	15 16	0 34	21 20	2 14	23 31	23 29	1 38	17 36	5 47
M11	19 14	22 58	2 52	9 43	2 51	25 57	2 53	24 10	0 58	21 17	0 26	5 4	2 7	22 39	0 4	15 16	0 34	21 20	2 14	23 32	23 29	1 35	17 35	5 48
T 12	19 27	24 16	1 46	10 18	2 44	25 46	2 44	24 13	0 58	21 17	0 26	5 2	2 8	22 39	0 4	15 16	0 34	21 20	2 14	23 32	23 29	1 32	17 35	5 48
W13	19 41	24 6	0 35	10 54	2 37	25 35	2 34	24 16	0 59	21 18	0 26	5 1	2 8	22 40	0 4	15 16	0 34	21 20	2 14	23 32	23 29	1 29	17 35	5 49
T 14	19 54	22 37	0s36	11 31	2 30	25 23	2 24	24 18	0 59	21 18	0 27	4 59	2 8	22 40	0 4	15 16	0 34	21 20	2 14	23 32	23 29	1 27	17 35	5 49
F 15	20 6	20 0	1 43	12 9	2 22	25 10	2 13	24 21	0 59	21 18	0 27	4 58	2 8	22 41	0 4	15 16	0 34	21 20	2 14	23 32	23 29	1 24	17 34	5 49
S 16	20 18	16 31	2 44	12 48	2 14	24 56	2 1	24 23	0 59	21 19	0 27	4 56	2 9	22 41	0 4	15 16	0 34	21 20	2 14	23 32	23 29	1 21	17 34	5 50
S 17	20 30	12 25	3 37	13 27	2 5	24 42	1 50	24 25	1 0	21 19	0 27	4 55	2 9	22 42	0 4	15 16	0 34	21 20	2 14	23 32	23 29	1 18	17 34	5 50
M18	20 42	7 53	4 19	14 6	1 56	24 27	1 38	24 27	1 0	21 20	0 27	4 53	2 9	22 42	0 4	15 16	0 34	21 20	2 13	23 32	23 29	1 15	17 34	5 51
T 19	20 53	3 6	4 49	14 46	1 46	24 12	1 25	24 29	1 0	21 20	0 28	4 52	2 9	22 42	0 4	15 16	0 34	21 20	2 13	23 32	23 30	1 12	17 33	5 51
W20	21 4	1s47	5 8	15 26	1 36	23 55	1 12	24 31	1 0	21 21	0 28	4 51	2 10	22 43	0 4	15 16	0 34	21 20	2 13	23 32	23 30	1 9	17 33	5 51
T 21	21 15	6 37	5 13	16 7	1 26	23 38	0 59	24 32	1 1	21 21	0 28	4 49	2 10	22 43	0 4	15 16	0 34	21 20	2 13	23 32	23 30	1 7	17 33	5 52
F 22	21 25	11 16	5 4	16 47	1 15	23 21	0 45	24 33	1 1	21 22	0 28	4 48	2 10	22 44	0 4	15 16	0 34	21 21	2 13	23 32	23 30	1 4	17 33	5 52
S 23	21 35	15 33	4 42	17 27	1 5	23 3	0 32	24 34	1 1	21 23	0 29	4 47	2 10	22 44	0 5	15 16	0 34	21 21	2 13	23 32	23 30	1 1	17 33	5 52
S 24	21 44	19 15	4 5	18 7	0 54	22 45	0 18	24 35	1 1	21 23	0 29	4 45	2 11	22 44	0 5	15 16	0 34	21 21	2 13	23 32	23 30	0 58	17 32	5 53
M25	21 53	22 6	3 16	18 46	0 43	22 26	0 4	24 35	1 2	21 24	0 29	4 44	2 11	22 45	0 5	15 17	0 34	21 21	2 13	23 32	23 30	0 55	17 32	5 53
T 26	22 2	23 52	2 15	19 24	0 31	22 7	0s10	24 36	1 2	21 25	0 29	4 43	2 11	22 45	0 5	15 17	0 34	21 21	2 13	23 32	23 30	0 52	17 32	5 53
W27	22 10	24 20	1 7	20 1	0 20	21 48	0 24	24 36	1 2	21 26	0 29	4 42	2 11	22 46	0 5	15 17	0 34	21 21	2 13	23 32	23 30	0 50	17 32	5 54
T 28	22 18	23 23	0n 7	20 38	0 9	21 29	0 38	24 36	1 2	21 27	0 30	4 41	2 12	22 46	0 5	15 17	0 34	21 21	2 13	23 32	23 30	0 47	17 32	5 54
F 29	22 26	21 0	1 22	21 12	0n 2	21 9	0 52	24 36	1 2	21 28	0 30	4 40	2 12	22 47	0 5	15 17	0 34	21 21	2 13	23 32	23 31	0 44	17 32	5 54
S 30	22 33	17 23	2 33	21 46	0 12	20 50	1 6	24 35	1 3	21 28	0 30	4 39	2 12	22 47	0 5	15 17	0 34	21 21	2 13	23 32	23 31	0 41	17 31	5 54
S 31	22n40	12s44	3n36	22n17	0n23	20n31	1s20	24n35	1n 3	21s29	0s30	4s38	2s12	22n47	0n 5	15s17	0s34	21s21	2n13	23s32	23s31	0n38	17s31	5n55

Julian Day Number = 2095194.5, Delta T = 22m30s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'27, Lahiri = 10°15'28 Julian Calendar 1 May 1024 == Greg. Calendar 7 May 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

JUNE 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 0 32	15♊30'21	29♒59	11♊ 6	7°R52	3♋41	26°R16	23♓31	15♊ 2	20°R26	0°R42	2♑52	3♑42	17♍ 5	5°R59	M 1
T 2	17 4 29	16°27'32	14♓13	13°17	7♊18	4°19	26♑12	23°34	15° 6	20♒26	0♑41	2°R52	3°39	17°11	5♑55	T 2
W 3	17 8 25	17°24'43	28°27	15°28	6°45	4°58	26° 8	23°37	15° 9	20°26	0°39	2°52	3°36	17°18	5°52	W 3
T 4	17 12 22	18°21'54	12♈41	17°39	6°13	5°36	26° 3	23°39	15°13	20°25	0°38	2°51	3°33	17°25	5°48	T 4
F 5	17 16 19	19°19'05	26°50	19°50	5°44	6°15	25°59	23°42	15°16	20°24	0°37	2°50	3°29	17°32	5°45	F 5
S 6	17 20 15	20°16'16	10♉53	22° 1	5°16	6°53	25°54	23°44	15°20	20°24	0°35	2°48	3°26	17°38	5°42	S 6
S 7	17 24 12	21°13'27	24°46	24°11	4°50	7°32	25°49	23°47	15°24	20°23	0°34	2°47	3°23	17°45	5°38	S 7
M 8	17 28 8	22°10'38	8♊26	26°20	4°26	8°10	25°44	23°49	15°27	20°23	0°32	2°46	3°20	17°52	5°35	M 8
T 9	17 32 5	23° 7'49	21°50	28°29	4° 4	8°49	25°38	23°51	15°31	20°22	0°31	2°45	3°17	17°59	5°31	T 9
W10	17 36 1	24° 5'00	4♋58	0♋35	3°45	9°27	25°33	23°53	15°34	20°21	0°29	2°D45	3°14	18° 5	5°27	W10
T 11	17 39 58	25° 2'11	17°49	2°41	3°28	10° 6	25°27	23°55	15°38	20°20	0°28	2°45	3°10	18°12	5°24	T 11
F 12	17 43 55	25°59'21	0♌23	4°45	3°13	10°44	25°22	23°57	15°41	20°20	0°26	2°46	3° 7	18°19	5°20	F 12
S 13	17 47 51	26°56'31	12°42	6°47	3° 0	11°23	25°16	23°59	15°45	20°19	0°25	2°46	3° 4	18°25	5°17	S 13
S 14	17 51 48	27°53'42	24°50	8°48	2°50	12° 1	25°10	24° 1	15°48	20°18	0°23	2°47	3° 1	18°32	5°13	S 14
M15	17 55 44	28°50'51	6♍48	10°47	2°43	12°40	25° 4	24° 2	15°52	20°17	0°22	2°47	2°58	18°39	5° 9	M15
T 16	17 59 41	29°48'01	18°42	12°44	2°37	13°18	24°57	24° 4	15°55	20°16	0°20	2°48	2°55	18°46	5° 6	T 16
W17	18 3 37	0♋45'11	0♎35	14°39	2°34	13°56	24°51	24° 5	15°59	20°15	0°19	2°R48	2°51	18°52	5° 2	W17
T 18	18 7 34	1°42'20	12°33	16°32	2°D34	14°35	24°45	24° 6	16° 2	20°15	0°17	2°48	2°48	18°59	4°58	T 18
F 19	18 11 30	2°39'30	24°40	18°23	2°35	15°13	24°38	24° 7	16° 6	20°14	0°16	2°D48	2°45	19° 6	4°55	F 19
S 20	18 15 27	3°36'39	6♏59	20°12	2°39	15°51	24°31	24° 9	16° 9	20°13	0°14	2°48	2°42	19°12	4°51	S 20
S 21	18 19 24	4°33'49	19°35	21°59	2°45	16°30	24°25	24°10	16°13	20°12	0°13	2°48	2°39	19°19	4°47	S 21
M22	18 23 20	5°30'59	2♐30	23°45	2°54	17° 8	24°18	24°10	16°16	20°11	0°11	2°48	2°35	19°26	4°44	M22
T 23	18 27 17	6°28'09	15°45	25°28	3° 4	17°46	24°11	24°11	16°20	20°10	0°10	2°48	2°32	19°33	4°40	T 23
W24	18 31 13	7°25'19	29°22	27°10	3°17	18°25	24° 4	24°12	16°23	20° 8	0° 8	2°R48	2°29	19°39	4°36	W24
T 25	18 35 10	8°22'30	13♑17	28°49	3°31	19° 3	23°57	24°13	16°27	20° 7	0° 7	2°48	2°26	19°46	4°33	T 25
F 26	18 39 6	9°19'40	27°27	0♌27	3°48	19°41	23°49	24°13	16°30	20° 6	0° 5	2°48	2°23	19°53	4°29	F 26
S 27	18 43 3	10°16'52	11♒50	2° 2	4° 6	20°20	23°42	24°13	16°33	20° 5	0° 4	2°47	2°20	19°59	4°25	S 27
S 28	18 46 59	11°14'04	26°18	3°36	4°26	20°58	23°35	24°14	16°37	20° 4	0° 2	2°46	2°16	20° 6	4°22	S 28
M29	18 50 56	12°11'17	10♓47	5° 8	4°48	21°36	23°27	24°14	16°40	20° 3	0° 1	2°45	2°13	20°13	4°18	M29
T 30	18 54 53	13♋ 8'30	25♓12	6♌38	5♊12	22♋14	23♑20	24°R14	16♊43	20♒ 2	29♐59	2♑45	2♑10	20♍20	4♑14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n46	7s23	4n25	22n46	0n33	20n12	1s33	24n34	1n 3	21s30	0s30	4s37	2s13	22n48	0n 5	15s18	0s34	21s21	2n12	23s32	23s31	0n35	17s31	5n55
T 2	22 52	1 39	4 59	23 13	0 43	19 54	1 46	24 33	1 3	21 31	0 31	4 36	2 13	22 48	0 5	15 18	0 34	21 21	2 12	23 32	23 31	0 32	17 31	5 55
W 3	22 58	4n11	5 15	23 38	0 52	19 36	1 59	24 32	1 3	21 32	0 31	4 35	2 13	22 49	0 5	15 18	0 34	21 22	2 12	23 32	23 31	0 30	17 31	5 55
T 4	23 3	9 48	5 11	24 0	1 1	19 18	2 11	24 30	1 4	21 33	0 31	4 34	2 13	22 49	0 5	15 18	0 34	21 22	2 12	23 32	23 31	0 27	17 31	5 56
F 5	23 8	14 52	4 49	24 19	1 9	19 1	2 23	24 29	1 4	21 35	0 31	4 34	2 14	22 49	0 5	15 18	0 34	21 22	2 12	23 32	23 31	0 24	17 31	5 56
S 6	23 12	19 6	4 9	24 36	1 17	18 45	2 35	24 27	1 4	21 36	0 31	4 33	2 14	22 50	0 5	15 19	0 34	21 22	2 12	23 32	23 31	0 21	17 31	5 56
S 7	23 16	22 12	3 15	24 50	1 24	18 30	2 46	24 25	1 4	21 37	0 32	4 32	2 14	22 50	0 5	15 19	0 34	21 22	2 12	23 32	23 31	0 18	17 31	5 56
M 8	23 20	23 58	2 11	25 1	1 30	18 15	2 56	24 23	1 4	21 38	0 32	4 32	2 15	22 51	0 5	15 19	0 34	21 22	2 12	23 32	23 31	0 15	17 31	5 56
T 9	23 23	24 19	1 0	25 9	1 35	18 1	3 6	24 21	1 5	21 39	0 32	4 31	2 15	22 51	0 5	15 19	0 35	21 22	2 12	23 32	23 31	0 13	17 31	5 57
W10	23 26	23 16	0s12	25 14	1 40	17 48	3 16	24 18	1 5	21 40	0 32	4 30	2 15	22 51	0 5	15 19	0 35	21 22	2 12	23 32	23 32	0 10	17 31	5 57
T 11	23 28	21 1	1 22	25 17	1 44	17 36	3 25	24 15	1 5	21 42	0 32	4 30	2 15	22 52	0 5	15 20	0 35	21 22	2 12	23 32	23 32	0 7	17 31	5 57
F 12	23 30	17 47	2 27	25 16	1 48	17 25	3 33	24 13	1 5	21 43	0 33	4 29	2 16	22 52	0 5	15 20	0 35	21 22	2 11	23 32	23 32	0 4	17 31	5 57
S 13	23 32	13 50	3 24	25 14	1 50	17 15	3 41	24 9	1 5	21 44	0 33	4 29	2 16	22 53	0 5	15 20	0 35	21 23	2 11	23 32	23 32	0 1	17 31	5 57
S 14	23 33	9 23	4 10	25 8	1 52	17 6	3 49	24 6	1 5	21 45	0 33	4 28	2 16	22 53	0 5	15 21	0 35	21 23	2 11	23 32	23 32	0s 2	17 31	5 57
M15	23 34	4 39	4 45	25 1	1 53	16 57	3 56	24 3	1 6	21 47	0 33	4 28	2 16	22 53	0 5	15 21	0 35	21 23	2 11	23 32	23 32	0 4	17 31	5 58
T 16	23 34	0s13	5 7	24 51	1 54	16 50	4 2	23 59	1 6	21 48	0 33	4 28	2 17	22 54	0 5	15 21	0 35	21 23	2 11	23 32	23 32	0 7	17 31	5 58
W17	23 34	5 4	5 17	24 38	1 54	16 44	4 8	23 55	1 6	21 49	0 34	4 27	2 17	22 54	0 5	15 21	0 35	21 23	2 11	23 32	23 32	0 10	17 31	5 58
T 18	23 33	9 46	5 12	24 24	1 53	16 38	4 14	23 51	1 6	21 51	0 34	4 27	2 17	22 54	0 5	15 22	0 35	21 23	2 11	23 32	23 32	0 13	17 31	5 58
F 19	23 32	14 9	4 54	24 8	1 51	16 34	4 19	23 47	1 6	21 52	0 34	4 27	2 18	22 55	0 5	15 22	0 35	21 23	2 11	23 32	23 32	0 16	17 31	5 58
S 20	23 31	18 2	4 22	23 50	1 49	16 30	4 23	23 43	1 6	21 53	0 34	4 27	2 18	22 55	0 5	15 22	0 35	21 23	2 11	23 32	23 32	0 18	17 31	5 58
S 21	23 29	21 12	3 37	23 31	1 47	16 27	4 27	23 38	1 6	21 55	0 34	4 27	2 18	22 56	0 5	15 23	0 35	21 23	2 11	23 32	23 32	0 21	17 31	5 58
M22	23 27	23 23	2 40	23 10	1 43	16 25	4 31	23 34	1 6	21 56	0 35	4 27	2 18	22 56	0 5	15 23	0 35	21 23	2 10	23 32	23 32	0 24	17 31	5 58
T 23	23 24	24 21	1 33	22 47	1 40	16 24	4 34	23 29	1 7	21 58	0 35	4 26	2 19	22 56	0 5	15 24	0 35	21 24	2 10	23 32	23 32	0 27	17 31	5 58
W24	23 21	23 53	0 19	22 24	1 35	16 23	4 37	23 24	1 7	21 59	0 35	4 26	2 19	22 57	0 5	15 24	0 35	21 24	2 10	23 32	23 33	0 30	17 31	5 58
T 25	23 18	21 57	0n58	21 59	1 30	16 24	4 40	23 18	1 7	22 1	0 35	4 26	2 19	22 57	0 5	15 24	0 35	21 24	2 10	23 32	23 33	0 33	17 31	5 58
F 26	23 14	18 37	2 12	21 33	1 25	16 24	4 42	23 13	1 7	22 2	0 35	4 27	2 20	22 57	0 5	15 25	0 35	21 24	2 10	23 32	23 33	0 35	17 31	5 58
S 27	23 10	14 8	3 20	21 6	1 19	16 26	4 43	23 7	1 7	22 3	0 35	4 27	2 20	22 58	0 5	15 25	0 35	21 24	2 10	23 32	23 33	0 38	17 31	5 58
S 28	23 5	8 49	4 15	20 38	1 13	16 28	4 45	23 2	1 7	22 5	0 36	4 27	2 20	22 58	0 5	15 25	0 35	21 24	2 10	23 32	23 33	0 41	17 31	5 58
M29	23 0	3 2	4 53	20 9	1 6	16 31	4 46	22 56	1 7	22 6	0 36	4 27	2 20	22 58	0 5	15 26	0 35	21 24	2 10	23 32	23 33	0 44	17 31	5 58
T 30	22n55	2n53	5n14	19n40	0n59	16n34	4s47	22n50	1n 7	22s 8	0s36	4s27	2s21	22n59	0n 5	15s26	0s35	21s24	2n10	23s32	23s33	0s47	17s32	5n58

Julian Day Number = 2095225.5, Delta T = 22m29s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'32, Lahiri = 10°15'32 Julian Calendar 1 June 1024 == Greg. Calendar 7 June 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

JULY 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 58 49	14♋ 5'45	9♈30	8♌ 5	5♊37	22♋53	23°R12	24°R14	16♊46	20°R 0	29°R58	2°D44	2♉ 7	20♍26	4°R11	W 1
T 2	19 2 46	15° 3'00	23°37	9°31	6° 4	23°31	23♉ 5	24♓14	16°50	19♒59	29♐57	2♉44	2° 4	20°33	4♉ 7	T 2
F 3	19 6 42	16° 0'16	7♉31	10°55	6°32	24° 9	22°57	24°14	16°53	19°58	29°55	2°45	2° 1	20°40	4° 4	F 3
S 4	19 10 39	16°57'34	21°13	12°17	7° 2	24°47	22°49	24°13	16°56	19°56	29°54	2°46	1°57	20°47	4° 0	S 4
S 5	19 14 35	17°54'52	4♊41	13°36	7°34	25°26	22°41	24°13	16°59	19°55	29°52	2°47	1°54	20°53	3°57	S 5
M 6	19 18 32	18°52'12	17°55	14°54	8° 7	26° 4	22°34	24°12	17° 3	19°54	29°51	2°48	1°51	21° 0	3°53	M 6
T 7	19 22 28	19°49'32	0♋56	16° 9	8°41	26°42	22°26	24°12	17° 6	19°52	29°50	2°R49	1°48	21° 7	3°50	T 7
W 8	19 26 25	20°46'53	13°43	17°22	9°16	27°20	22°18	24°11	17° 9	19°51	29°48	2°48	1°45	21°13	3°46	W 8
T 9	19 30 22	21°44'15	26°19	18°32	9°53	27°59	22°10	24°10	17°12	19°50	29°47	2°47	1°41	21°20	3°43	T 9
F 10	19 34 18	22°41'38	8♌42	19°41	10°30	28°37	22° 3	24° 9	17°15	19°48	29°46	2°45	1°38	21°27	3°39	F 10
S 11	19 38 15	23°39'01	20°54	20°46	11° 9	29°15	21°55	24° 8	17°18	19°47	29°44	2°42	1°35	21°34	3°36	S 11
S 12	19 42 11	24°36'26	2♍57	21°50	11°49	29°53	21°47	24° 7	17°21	19°45	29°43	2°38	1°32	21°40	3°33	S 12
M13	19 46 8	25°33'51	14°54	22°50	12°30	0♌31	21°39	24° 6	17°24	19°44	29°42	2°35	1°29	21°47	3°30	M13
T 14	19 50 4	26°31'17	26°46	23°48	13°12	1°10	21°32	24° 4	17°27	19°43	29°40	2°32	1°26	21°54	3°26	T 14
W15	19 54 1	27°28'43	8♎39	24°43	13°55	1°48	21°24	24° 3	17°30	19°41	29°39	2°29	1°22	22° 0	3°23	W15
T 16	19 57 57	28°26'11	20°35	25°34	14°39	2°26	21°16	24° 1	17°33	19°40	29°38	2°28	1°19	22° 7	3°20	T 16
F 17	20 1 54	29°23'39	2♏39	26°23	15°24	3° 4	21° 8	24° 0	17°36	19°38	29°36	2°D28	1°16	22°14	3°17	F 17
S 18	20 5 51	0♌21'08	14°57	27° 8	16° 9	3°42	21° 1	23°58	17°39	19°37	29°35	2°28	1°13	22°21	3°14	S 18
S 19	20 9 47	1°18'38	27°31	27°49	16°56	4°21	20°53	23°56	17°42	19°35	29°34	2°30	1°10	22°27	3°11	S 19
M20	20 13 44	2°16'09	10♐27	28°27	17°43	4°59	20°46	23°54	17°44	19°33	29°33	2°32	1° 7	22°34	3° 8	M20
T 21	20 17 40	3°13'41	23°48	29° 1	18°31	5°37	20°38	23°52	17°47	19°32	29°32	2°33	1° 3	22°41	3° 5	T 21
W22	20 21 37	4°11'14	7♑34	29°30	19°20	6°15	20°31	23°50	17°50	19°30	29°30	2°R33	1° 0	22°48	3° 2	W22
T 23	20 25 33	5° 8'48	21°45	29°56	20°10	6°53	20°24	23°48	17°53	19°29	29°29	2°32	0°57	22°54	2°59	T 23
F 24	20 29 30	6° 6'24	6♒17	0♍17	21° 0	7°32	20°16	23°46	17°55	19°27	29°28	2°29	0°54	23° 1	2°56	F 24
S 25	20 33 26	7° 4'00	21° 4	0°33	21°51	8°10	20° 9	23°43	17°58	19°26	29°27	2°25	0°51	23° 8	2°54	S 25
S 26	20 37 23	8° 1'38	5♓59	0°43	22°43	8°48	20° 2	23°41	18° 1	19°24	29°26	2°20	0°47	23°14	2°51	S 26
M27	20 41 20	8°59'17	20°53	0°49	23°35	9°26	19°55	23°38	18° 3	19°22	29°25	2°15	0°44	23°21	2°48	M27
T 28	20 45 16	9°56'58	5♈38	0°R50	24°28	10° 4	19°48	23°36	18° 6	19°21	29°24	2°10	0°41	23°28	2°46	T 28
W29	20 49 13	10°54'41	20° 8	0°44	25°21	10°42	19°42	23°33	18° 8	19°19	29°23	2° 7	0°38	23°35	2°43	W29
T 30	20 53 9	11°52'25	4♉19	0°33	26°15	11°21	19°35	23°30	18°11	19°18	29°22	2° 5	0°35	23°41	2°41	T 30
F 31	20 57 6	12♌50'11	18♉ 9	0♍17	27♊10	11♌59	19♑28	23♓27	18♊13	19♒16	29♐21	2°D 5	0♑32	23♍48	2♑38	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n49	8n35	5n14	19n10	0n51	16n38	4s47	22n43	1n 8	22s 9	0s36	4s27	2s21	22n59	0n 5	15s27	0s35	21s24	2n 9	23s32	23s33	0s49	17s32	5n58
T 2	22 43	13 47	4 56	18 39	0 43	16 43	4 48	22 37	1 8	22 11	0 36	4 28	2 21	22 59	0 5	15 27	0 35	21 25	2 9	23 32	23 33	0 52	17 32	5 58
F 3	22 36	18 11	4 20	18 9	0 35	16 47	4 48	22 30	1 8	22 12	0 36	4 28	2 22	23 0	0 5	15 28	0 35	21 25	2 9	23 32	23 33	0 55	17 32	5 58
S 4	22 29	21 32	3 30	17 37	0 26	16 53	4 47	22 24	1 8	22 14	0 37	4 29	2 22	23 0	0 5	15 28	0 35	21 25	2 9	23 32	23 33	0 58	17 32	5 58
S 5	22 22	23 38	2 29	17 6	0 17	16 58	4 47	22 17	1 8	22 15	0 37	4 29	2 22	23 0	0 5	15 28	0 35	21 25	2 9	23 32	23 33	1 1	17 32	5 58
M 6	22 14	24 22	1 21	16 34	0 8	17 4	4 46	22 10	1 8	22 16	0 37	4 29	2 22	23 1	0 5	15 29	0 35	21 25	2 9	23 32	23 33	1 3	17 32	5 58
T 7	22 6	23 44	0 10	16 3	0s 2	17 10	4 45	22 2	1 8	22 18	0 37	4 30	2 23	23 1	0 5	15 29	0 35	21 25	2 9	23 32	23 33	1 6	17 33	5 58
W 8	21 57	21 52	1s 0	15 31	0 12	17 17	4 44	21 55	1 8	22 19	0 37	4 30	2 23	23 1	0 5	15 30	0 35	21 25	2 9	23 32	23 33	1 9	17 33	5 58
T 9	21 48	18 56	2 6	15 0	0 22	17 23	4 43	21 47	1 8	22 21	0 37	4 31	2 23	23 2	0 5	15 30	0 35	21 25	2 8	23 32	23 33	1 12	17 33	5 58
F 10	21 39	15 12	3 5	14 28	0 33	17 30	4 41	21 40	1 8	22 22	0 38	4 32	2 23	23 2	0 5	15 31	0 35	21 26	2 8	23 32	23 33	1 15	17 33	5 58
S 11	21 29	10 54	3 54	13 57	0 44	17 37	4 39	21 32	1 8	22 24	0 38	4 32	2 24	23 2	0 5	15 31	0 35	21 26	2 8	23 32	23 33	1 17	17 33	5 58
S 12	21 19	6 14	4 33	13 27	0 55	17 45	4 37	21 24	1 8	22 25	0 38	4 33	2 24	23 3	0 5	15 32	0 35	21 26	2 8	23 32	23 33	1 20	17 33	5 58
M13	21 8	1 23	4 59	12 56	1 6	17 52	4 35	21 16	1 9	22 26	0 38	4 34	2 24	23 3	0 5	15 32	0 35	21 26	2 8	23 32	23 33	1 23	17 34	5 58
T 14	20 58	3s29	5 12	12 27	1 17	17 59	4 33	21 7	1 9	22 28	0 38	4 35	2 25	23 3	0 5	15 33	0 35	21 26	2 8	23 32	23 33	1 26	17 34	5 57
W15	20 46	8 13	5 12	11 58	1 29	18 7	4 30	20 59	1 9	22 29	0 38	4 35	2 25	23 4	0 5	15 33	0 35	21 26	2 8	23 33	23 34	1 29	17 34	5 57
T 16	20 35	12 41	4 58	11 29	1 40	18 15	4 28	20 50	1 9	22 30	0 38	4 36	2 25	23 4	0 5	15 34	0 35	21 26	2 8	23 33	23 34	1 31	17 34	5 57
F 17	20 23	16 42	4 31	11 2	1 52	18 22	4 25	20 41	1 9	22 32	0 38	4 37	2 25	23 4	0 5	15 34	0 35	21 26	2 7	23 33	23 34	1 34	17 35	5 57
S 18	20 11	20 5	3 52	10 36	2 4	18 30	4 22	20 32	1 9	22 33	0 39	4 38	2 26	23 4	0 5	15 35	0 35	21 27	2 7	23 33	23 34	1 37	17 35	5 57
S 19	19 58	22 38	3 0	10 10	2 16	18 37	4 19	20 23	1 9	22 34	0 39	4 39	2 26	23 5	0 5	15 35	0 35	21 27	2 7	23 33	23 34	1 40	17 35	5 57
M20	19 45	24 5	1 58	9 46	2 27	18 45	4 16	20 14	1 9	22 35	0 39	4 40	2 26	23 5	0 5	15 36	0 35	21 27	2 7	23 32	23 34	1 42	17 35	5 56
T 21	19 32	24 13	0 48	9 24	2 39	18 52	4 13	20 5	1 9	22 37	0 39	4 41	2 26	23 5	0 5	15 36	0 35	21 27	2 7	23 32	23 34	1 45	17 36	5 56
W22	19 19	22 54	0n27	9 2	2 51	19 0	4 9	19 55	1 9	22 38	0 39	4 42	2 27	23 5	0 5	15 37	0 36	21 27	2 7	23 32	23 34	1 48	17 36	5 56
T 23	19 5	20 6	1 43	8 43	3 2	19 7	4 6	19 46	1 9	22 39	0 39	4 43	2 27	23 6	0 5	15 37	0 36	21 27	2 7	23 32	23 34	1 51	17 36	5 56
F 24	18 51	16 0	2 54	8 25	3 14	19 14	4 2	19 36	1 9	22 40	0 39	4 44	2 27	23 6	0 5	15 38	0 36	21 27	2 6	23 33	23 34	1 54	17 36	5 56
S 25	18 36	10 52	3 54	8 9	3 24	19 21	3 58	19 26	1 9	22 42	0 39	4 46	2 27	23 6	0 5	15 38	0 36	21 28	2 6	23 33	23 34	1 56	17 37	5 55
S 26	18 21	5 3	4 39	7 55	3 35	19 27	3 55	19 16	1 9	22 43	0 39	4 47	2 28	23 6	0 5	15 39	0 36	21 28	2 6	23 33	23 34	1 59	17 37	5 55
M27	18 6	1n 2	5 4	7 44	3 45	19 34	3 51	19 6	1 9	22 44	0 40	4 48	2 28	23 7	0 5	15 39	0 36	21 28	2 6	23 33	23 34	2 2	17 37	5 55
T 28	17 51	6 59	5 10	7 35	3 55	19 40	3 47	18 56	1 9	22 45	0 40	4 49	2 28	23 7	0 5	15 40	0 36	21 28	2 6	23 33	23 34	2 5	17 37	5 55
W29	17 35	12 28	4 55	7 28	4 4	19 46	3 43	18 45	1 9	22 46	0 40	4 51	2 28	23 7	0 5	15 40	0 36	21 28	2 6	23 33	23 34	2 7	17 38	5 55
T 30	17 19	17 9	4 23	7 25	4 12	19 52	3 39	18 35	1 9	22 47	0 40	4 52	2 29	23 7	0 5	15 41	0 36	21 28	2 6	23 33	23 34	2 10	17 38	5 54
F 31	17n 3	20n47	3n36	7n24	4s19	19n58	3s35	18n24	1n 9	22s48	0s40	4s53	2s29	23n 8	0n 5	15s41	0s36	21s28	2n 5	23s33	23s34	2s13	17s38	5n54

Julian Day Number = 2095255.5, Delta T = 22m29s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'36, Lahiri = 10°15'36 Julian Calendar 1 July 1024 == Greg. Calendar 7 July 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

AUGUST 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 1 2	13♌47'59	1♊39	29°R54	28♊ 5	12♌37	19°R22	23°R24	18♊15	19°R14	29°R20	2♉ 6	0♉28	23♍55	2°R36	S 1
S 2	21 4 59	14°45'48	14°50	29♌26	29° 1	13°15	19♉15	23♓21	18°18	19♒13	29♐19	2° 7	0°25	24° 2	2♉34	S 2
M 3	21 8 55	15°43'40	27°45	28°53	29°57	13°53	19° 9	23°18	18°20	19°11	29°18	2°R 8	0°22	24° 8	2°32	M 3
T 4	21 12 52	16°41'33	10♋26	28°14	0♋54	14°32	19° 3	23°15	18°22	19° 9	29°17	2° 8	0°19	24°15	2°29	T 4
W 5	21 16 49	17°39'28	22°55	27°30	1°51	15°10	18°57	23°11	18°24	19° 8	29°16	2° 6	0°16	24°22	2°27	W 5
T 6	21 20 45	18°37'25	5♌15	26°43	2°49	15°48	18°51	23° 8	18°27	19° 6	29°15	2° 2	0°13	24°28	2°25	T 6
F 7	21 24 42	19°35'23	17°26	25°51	3°47	16°26	18°46	23° 5	18°29	19° 4	29°15	1°55	0° 9	24°35	2°23	F 7
S 8	21 28 38	20°33'23	29°30	24°57	4°45	17° 4	18°40	23° 1	18°31	19° 3	29°14	1°47	0° 6	24°42	2°21	S 8
S 9	21 32 35	21°31'24	11♍27	24° 2	5°44	17°43	18°35	22°58	18°33	19° 1	29°13	1°38	0° 3	24°49	2°20	S 9
M10	21 36 31	22°29'27	23°21	23° 5	6°43	18°21	18°29	22°54	18°35	19° 0	29°12	1°28	29♐59	24°55	2°18	M10
T 11	21 40 28	23°27'31	5♎12	22°10	7°43	18°59	18°24	22°50	18°37	18°58	29°11	1°19	29°57	25° 2	2°16	T 11
W12	21 44 24	24°25'37	17° 4	21°16	8°43	19°37	18°19	22°46	18°39	18°56	29°11	1°11	29°53	25° 9	2°14	W12
T 13	21 48 21	25°23'45	28°58	20°25	9°44	20°16	18°14	22°43	18°41	18°55	29°10	1° 6	29°50	25°15	2°13	T 13
F 14	21 52 18	26°21'54	11♏ 1	19°38	10°44	20°54	18°10	22°39	18°43	18°53	29° 9	1° 2	29°47	25°22	2°11	F 14
S 15	21 56 14	27°20'05	23°14	18°57	11°46	21°32	18° 5	22°35	18°44	18°51	29° 9	1°D 1	29°44	25°29	2°10	S 15
S 16	22 0 11	28°18'17	5♐44	18°22	12°47	22°10	18° 1	22°31	18°46	18°50	29° 8	1° 1	29°41	25°36	2° 9	S 16
M17	22 4 7	29°16'31	18°36	17°54	13°49	22°49	17°57	22°27	18°48	18°48	29° 8	1° 2	29°38	25°42	2° 7	M17
T 18	22 8 4	0♍14'46	1♑53	17°33	14°51	23°27	17°53	22°22	18°50	18°47	29° 7	1°R 2	29°34	25°49	2° 6	T 18
W19	22 12 0	1°13'03	15°37	17°22	15°54	24° 5	17°49	22°18	18°51	18°45	29° 7	1° 1	29°31	25°56	2° 5	W19
T 20	22 15 57	2°11'21	29°51	17°D19	16°56	24°43	17°46	22°14	18°53	18°43	29° 6	0°58	29°28	26° 3	2° 4	T 20
F 21	22 19 53	3° 9'42	14♒32	17°25	17°59	25°22	17°42	22°10	18°54	18°42	29° 6	0°53	29°25	26° 9	2° 3	F 21
S 22	22 23 50	4° 8'03	29°34	17°40	19° 3	26° 0	17°39	22° 5	18°56	18°40	29° 5	0°45	29°22	26°16	2° 2	S 22
S 23	22 27 47	5° 6'27	14♓47	18° 5	20° 6	26°38	17°36	22° 1	18°57	18°39	29° 5	0°36	29°18	26°23	2° 2	S 23
M24	22 31 43	6° 4'53	0♈ 2	18°38	21°10	27°16	17°33	21°57	18°58	18°37	29° 4	0°26	29°15	26°29	2° 1	M24
T 25	22 35 40	7° 3'20	15° 8	19°20	22°15	27°55	17°30	21°52	19° 0	18°36	29° 4	0°18	29°12	26°36	2° 0	T 25
W26	22 39 36	8° 1'50	29°54	20°10	23°19	28°33	17°28	21°48	19° 1	18°34	29° 4	0°11	29° 9	26°43	2° 0	W26
T 27	22 43 33	9° 0'22	14♉17	21° 7	24°24	29°11	17°25	21°43	19° 2	18°32	29° 4	0° 6	29° 6	26°50	1°59	T 27
F 28	22 47 29	9°58'57	28°12	22°12	25°29	29°50	17°23	21°39	19° 3	18°31	29° 3	0° 4	29° 3	26°56	1°59	F 28
S 29	22 51 26	10°57'34	11♊41	23°24	26°34	0♍28	17°21	21°34	19° 5	18°30	29° 3	0°D 3	28°59	27° 3	1°58	S 29
S 30	22 55 22	11°56'13	24°47	24°42	27°40	1° 6	17°20	21°30	19° 6	18°28	29° 3	0°R 3	28°56	27°10	1°58	S 30
M31	22 59 19	12♍54'54	7♋32	26♌ 5	28♋45	1♍45	17♉18	21♓25	19♊ 7	18♒27	29♐ 3	0♉ 3	28♐53	27♍16	1♉58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n46	23n10	2n38	7n26	4s25	20n 3	3s30	18n13	1n 9	22s49	0s40	4s55	2s29	23n 8	0n 5	15s42	0s36	21s29	2n 5	23s33	23s34	2s16	17s39	5n54
S 2	16 29	24 14	1 32	7 31	4 30	20 8	3 26	18 2	1 9	22 50	0 40	4 56	2 29	23 8	0 5	15 42	0 36	21 29	2 5	23 33	23 34	2 18	17 39	5 54
M 3	16 12	23 57	0 24	7 40	4 33	20 12	3 22	17 51	1 9	22 51	0 40	4 57	2 29	23 8	0 5	15 43	0 36	21 29	2 5	23 33	23 34	2 21	17 39	5 53
T 4	15 55	22 25	0s45	7 51	4 35	20 17	3 17	17 40	1 9	22 52	0 40	4 59	2 30	23 8	0 5	15 43	0 36	21 29	2 5	23 33	23 34	2 24	17 40	5 53
W 5	15 37	19 48	1 50	8 6	4 35	20 20	3 13	17 29	1 9	22 53	0 40	5 0	2 30	23 9	0 5	15 44	0 36	21 29	2 5	23 33	23 34	2 27	17 40	5 53
T 6	15 19	16 20	2 49	8 23	4 34	20 24	3 8	17 17	1 9	22 54	0 40	5 2	2 30	23 9	0 5	15 44	0 36	21 29	2 5	23 33	23 34	2 29	17 40	5 52
F 7	15 1	12 13	3 39	8 44	4 30	20 27	3 4	17 6	1 9	22 55	0 40	5 4	2 30	23 9	0 5	15 45	0 36	21 29	2 4	23 33	23 34	2 32	17 41	5 52
S 8	14 43	7 40	4 19	9 6	4 25	20 30	2 59	16 54	1 9	22 55	0 40	5 5	2 30	23 9	0 5	15 45	0 36	21 30	2 4	23 33	23 34	2 35	17 41	5 52
S 9	14 24	2 53	4 47	9 32	4 18	20 32	2 54	16 42	1 9	22 56	0 40	5 7	2 31	23 9	0 5	15 46	0 36	21 30	2 4	23 33	23 34	2 38	17 41	5 51
M10	14 5	1s59	5 3	9 58	4 9	20 34	2 50	16 30	1 9	22 57	0 40	5 8	2 31	23 10	0 5	15 46	0 36	21 30	2 4	23 33	23 34	2 40	17 42	5 51
T 11	13 46	6 44	5 5	10 27	3 58	20 36	2 45	16 18	1 9	22 58	0 41	5 10	2 31	23 10	0 5	15 47	0 36	21 30	2 4	23 34	23 34	2 43	17 42	5 51
W12	13 27	11 15	4 54	10 56	3 45	20 37	2 40	16 6	1 9	22 59	0 41	5 12	2 31	23 10	0 5	15 48	0 36	21 30	2 4	23 34	23 34	2 46	17 42	5 51
T 13	13 7	15 23	4 31	11 26	3 31	20 37	2 35	15 54	1 9	22 59	0 41	5 13	2 31	23 10	0 5	15 48	0 36	21 30	2 4	23 34	23 34	2 49	17 43	5 50
F 14	12 48	18 55	3 55	11 55	3 15	20 38	2 31	15 42	1 9	23 0	0 41	5 15	2 32	23 10	0 5	15 49	0 36	21 30	2 3	23 34	23 34	2 51	17 43	5 50
S 15	12 28	21 43	3 8	12 24	2 58	20 37	2 26	15 29	1 9	23 1	0 41	5 17	2 32	23 11	0 5	15 49	0 36	21 31	2 3	23 34	23 34	2 54	17 43	5 50
S 16	12 8	23 32	2 11	12 52	2 40	20 36	2 21	15 17	1 9	23 1	0 41	5 19	2 32	23 11	0 5	15 50	0 36	21 31	2 3	23 34	23 34	2 57	17 44	5 49
M17	11 47	24 10	1 6	13 18	2 22	20 35	2 16	15 4	1 9	23 2	0 41	5 20	2 32	23 11	0 5	15 50	0 36	21 31	2 3	23 34	23 34	3 0	17 44	5 49
T 18	11 27	23 29	0n 4	13 42	2 3	20 33	2 11	14 52	1 9	23 2	0 41	5 22	2 32	23 11	0 5	15 51	0 36	21 31	2 3	23 34	23 34	3 2	17 44	5 48
W19	11 6	21 22	1 17	14 4	1 44	20 31	2 6	14 39	1 9	23 3	0 41	5 24	2 32	23 11	0 5	15 51	0 36	21 31	2 3	23 34	23 34	3 5	17 45	5 48
T 20	10 45	17 53	2 27	14 23	1 25	20 28	2 2	14 26	1 9	23 3	0 41	5 26	2 32	23 11	0 6	15 52	0 36	21 31	2 2	23 34	23 34	3 8	17 45	5 48
F 21	10 24	13 13	3 30	14 39	1 6	20 25	1 57	14 13	1 9	23 4	0 41	5 28	2 33	23 11	0 6	15 52	0 36	21 31	2 2	23 34	23 34	3 10	17 46	5 47
S 22	10 3	7 38	4 20	14 52	0 48	20 21	1 52	14 0	1 9	23 4	0 41	5 29	2 33	23 12	0 6	15 53	0 36	21 32	2 2	23 34	23 34	3 13	17 46	5 47
S 23	9 41	1 32	4 52	15 1	0 30	20 17	1 47	13 47	1 9	23 5	0 41	5 31	2 33	23 12	0 6	15 53	0 36	21 32	2 2	23 34	23 34	3 16	17 46	5 47
M24	9 20	4n38	5 3	15 7	0 13	20 12	1 42	13 34	1 9	23 5	0 41	5 33	2 33	23 12	0 6	15 54	0 36	21 32	2 2	23 34	23 34	3 19	17 47	5 46
T 25	8 58	10 29	4 53	15 9	0n 3	20 7	1 37	13 20	1 9	23 5	0 41	5 35	2 33	23 12	0 6	15 54	0 36	21 32	2 2	23 34	23 34	3 21	17 47	5 46
W26	8 36	15 36	4 23	15 8	0 18	20 1	1 32	13 7	1 9	23 6	0 41	5 37	2 33	23 12	0 6	15 55	0 36	21 32	2 1	23 34	23 34	3 24	17 47	5 46
T 27	8 14	19 40	3 38	15 2	0 32	19 55	1 28	12 53	1 9	23 6	0 41	5 39	2 33	23 12	0 6	15 55	0 36	21 32	2 1	23 34	23 34	3 27	17 48	5 45
F 28	7 52	22 28	2 41	14 53	0 45	19 48	1 23	12 40	1 9	23 6	0 41	5 41	2 33	23 12	0 6	15 56	0 36	21 33	2 1	23 34	23 34	3 29	17 48	5 45
S 29	7 30	23 53	1 36	14 41	0 56	19 40	1 18	12 26	1 9	23 7	0 41	5 42	2 33	23 12	0 6	15 56	0 36	21 33	2 1	23 34	23 34	3 32	17 49	5 44
S 30	7 7	23 56	0 28	14 25	1 7	19 32	1 13	12 12	1 9	23 7	0 41	5 44	2 34	23 13	0 6	15 56	0 36	21 33	2 1	23 34	23 34	3 35	17 49	5 44
M31	6n45	22n41	0s40	14n 5	1n16	19n24	1s 9	11n59	1n 8	23s 7	0s41	5s46	2s34	23n13	0n 6	15s57	0s36	21s33	2n 1	23s34	23s34	3s38	17s49	5n44

Julian Day Number = 2095286.5, Delta T = 22m28s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'40, Lahiri = 10°15'40 Julian Calendar 1 Aug. 1024 == Greg. Calendar 7 Aug. 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

SEPTEMBER 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 3 16	13♍53'38	20♋ 1	27♌33	29♋51	2♍23	17°R17	21°R20	19♊ 8	18°R25	29°R 3	0°R 2	28♐50	27♍23	1°R58	T 1
W 2	23 7 12	14°52'24	2♌18	29° 5	0♌58	3° 1	17♑15	21♓16	19° 9	18♒24	29♐ 2	29♐58	28°47	27°30	1°D58	W 2
T 3	23 11 9	15°51'12	14°25	0♍41	2° 4	3°40	17°15	21°11	19°10	18°22	29° 2	29°51	28°44	27°37	1♑58	T 3
F 4	23 15 5	16°50'02	26°26	2°20	3°11	4°18	17°14	21° 6	19°10	18°21	29° 2	29°41	28°40	27°43	1°58	F 4
S 5	23 19 2	17°48'54	8♍23	4° 1	4°18	4°56	17°13	21° 2	19°11	18°19	29°D 2	29°29	28°37	27°50	1°58	S 5
S 6	23 22 58	18°47'48	20°17	5°45	5°25	5°35	17°13	20°57	19°12	18°18	29° 2	29°15	28°34	27°57	1°58	S 6
M 7	23 26 55	19°46'44	2♎ 8	7°30	6°32	6°13	17°D13	20°52	19°12	18°17	29° 2	29° 0	28°31	28° 4	1°59	M 7
T 8	23 30 51	20°45'43	14° 0	9°16	7°39	6°52	17°13	20°48	19°13	18°15	29° 2	28°47	28°28	28°10	1°59	T 8
W 9	23 34 48	21°44'43	25°53	11° 3	8°47	7°30	17°13	20°43	19°14	18°14	29° 2	28°35	28°24	28°17	2° 0	W 9
T 10	23 38 44	22°43'45	7♏50	12°51	9°55	8° 9	17°13	20°38	19°14	18°13	29° 3	28°26	28°21	28°24	2° 0	T 10
F 11	23 42 41	23°42'50	19°53	14°39	11° 3	8°47	17°14	20°34	19°15	18°12	29° 3	28°19	28°18	28°30	2° 1	F 11
S 12	23 46 38	24°41'56	2♐ 7	16°27	12°11	9°25	17°15	20°29	19°15	18°10	29° 3	28°16	28°15	28°37	2° 2	S 12
S 13	23 50 34	25°41'04	14°34	18°15	13°20	10° 4	17°16	20°24	19°15	18° 9	29° 3	28°14	28°12	28°44	2° 3	S 13
M14	23 54 31	26°40'14	27°20	20° 3	14°28	10°42	17°17	20°19	19°16	18° 8	29° 3	28°14	28° 9	28°51	2° 4	M14
T 15	23 58 27	27°39'25	10♑30	21°50	15°37	11°21	17°18	20°15	19°16	18° 7	29° 4	28°14	28° 5	28°57	2° 5	T 15
W16	0 2 24	28°38'39	24° 6	23°37	16°46	11°59	17°20	20°10	19°16	18° 6	29° 4	28°12	28° 2	29° 4	2° 6	W16
T 17	0 6 20	29°37'54	8♒12	25°24	17°55	12°38	17°22	20° 6	19°16	18° 4	29° 4	28° 9	27°59	29°11	2° 7	T 17
F 18	0 10 17	0♎37'11	22°46	27°10	19° 4	13°16	17°24	20° 1	19°16	18° 3	29° 5	28° 2	27°56	29°18	2° 8	F 18
S 19	0 14 13	1°36'30	7♓45	28°55	20°13	13°55	17°26	19°56	19°R16	18° 2	29° 5	27°54	27°53	29°24	2° 9	S 19
S 20	0 18 10	2°35'50	23° 1	0♎40	21°23	14°33	17°28	19°52	19°16	18° 1	29° 6	27°43	27°50	29°31	2°11	S 20
M21	0 22 7	3°35'13	8♈23	2°24	22°32	15°12	17°31	19°47	19°16	18° 0	29° 6	27°32	27°46	29°38	2°12	M21
T 22	0 26 3	4°34'38	23°40	4° 8	23°42	15°50	17°33	19°43	19°16	17°59	29° 7	27°21	27°43	29°44	2°14	T 22
W23	0 30 0	5°34'05	8♉39	5°51	24°52	16°29	17°36	19°38	19°16	17°58	29° 7	27°13	27°40	29°51	2°15	W23
T 24	0 33 56	6°33'35	23°14	7°33	26° 2	17° 8	17°39	19°34	19°16	17°57	29° 8	27° 7	27°37	29°58	2°17	T 24
F 25	0 37 53	7°33'07	7♊20	9°14	27°13	17°46	17°43	19°30	19°15	17°56	29° 8	27° 3	27°34	0♎ 5	2°19	F 25
S 26	0 41 49	8°32'41	20°57	10°55	28°23	18°25	17°46	19°25	19°15	17°55	29° 9	27° 2	27°30	0°11	2°21	S 26
S 27	0 45 46	9°32'17	4♋ 6	12°35	29°34	19° 3	17°50	19°21	19°15	17°54	29°10	27° 2	27°27	0°18	2°23	S 27
M28	0 49 42	10°31'56	16°51	14°15	0♍44	19°42	17°54	19°17	19°14	17°54	29°10	27° 2	27°24	0°25	2°25	M28
T 29	0 53 39	11°31'37	29°17	15°53	1°55	20°21	17°58	19°13	19°14	17°53	29°11	27° 1	27°21	0°31	2°27	T 29
W30	0 57 36	12♎31'21	11♌29	17♎31	3♍ 6	20♍59	18♑ 2	19♓ 9	19♊13	17♒52	29♐12	26♐57	27♐18	0♎38	2♑29	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n22	20n21	1s44	13n42	1n25	19n15	1s 4	11n45	1n 8	23s 7	0s41	5s48	2s34	23n13	0n 6	15s57	0s36	21s33	2n 1	23s34	23s34	3s40	17s50	5n43
W 2	5 59	17 7	2 42	13 17	1 32	19 5	0 59	11 31	1 8	23 7	0 41	5 50	2 34	23 13	0 6	15 58	0 36	21 33	2 0	23 34	23 34	3 43	17 50	5 43
T 3	5 36	13 13	3 32	12 48	1 38	18 55	0 55	11 17	1 8	23 8	0 41	5 52	2 34	23 13	0 6	15 58	0 36	21 34	2 0	23 34	23 34	3 46	17 51	5 43
F 4	5 13	8 49	4 12	12 17	1 42	18 44	0 50	11 2	1 8	23 8	0 41	5 54	2 34	23 13	0 6	15 59	0 36	21 34	2 0	23 34	23 34	3 48	17 51	5 42
S 5	4 50	4 9	4 40	11 44	1 46	18 33	0 45	10 48	1 8	23 8	0 41	5 56	2 34	23 13	0 6	15 59	0 36	21 34	2 0	23 34	23 34	3 51	17 51	5 42
S 6	4 27	0s40	4 56	11 9	1 49	18 21	0 41	10 34	1 8	23 8	0 41	5 58	2 34	23 13	0 6	16 0	0 36	21 34	2 0	23 34	23 33	3 54	17 52	5 41
M 7	4 4	5 26	4 59	10 31	1 51	18 9	0 36	10 20	1 8	23 8	0 41	6 0	2 34	23 13	0 6	16 0	0 36	21 34	2 0	23 34	23 33	3 56	17 52	5 41
T 8	3 41	9 59	4 49	9 52	1 52	17 56	0 32	10 5	1 8	23 8	0 41	6 2	2 34	23 13	0 6	16 0	0 36	21 34	1 59	23 34	23 33	3 59	17 52	5 41
W 9	3 17	14 11	4 27	9 12	1 53	17 43	0 27	9 51	1 8	23 8	0 41	6 3	2 34	23 13	0 6	16 1	0 36	21 34	1 59	23 33	23 33	4 2	17 53	5 40
T 10	2 54	17 51	3 53	8 30	1 52	17 29	0 23	9 36	1 8	23 8	0 41	6 5	2 34	23 13	0 6	16 1	0 36	21 35	1 59	23 33	23 33	4 4	17 53	5 40
F 11	2 31	20 49	3 8	7 47	1 51	17 15	0 19	9 22	1 8	23 8	0 41	6 7	2 34	23 13	0 6	16 2	0 36	21 35	1 59	23 33	23 33	4 7	17 54	5 39
S 12	2 7	22 52	2 13	7 3	1 50	17 0	0 14	9 7	1 7	23 8	0 41	6 9	2 34	23 13	0 6	16 2	0 36	21 35	1 59	23 33	23 33	4 10	17 54	5 39
S 13	1 43	23 51	1 12	6 19	1 47	16 45	0 10	8 52	1 7	23 7	0 41	6 11	2 34	23 14	0 6	16 2	0 36	21 35	1 59	23 33	23 33	4 13	17 54	5 39
M14	1 20	23 37	0 5	5 34	1 45	16 29	0 6	8 38	1 7	23 7	0 41	6 13	2 34	23 14	0 6	16 3	0 36	21 35	1 58	23 33	23 33	4 15	17 55	5 38
T 15	0 56	22 5	1n 4	4 48	1 41	16 13	0 2	8 23	1 7	23 7	0 41	6 15	2 34	23 14	0 6	16 3	0 36	21 35	1 58	23 33	23 33	4 18	17 55	5 38
W16	0 33	19 14	2 12	4 2	1 38	15 56	0n 2	8 8	1 7	23 7	0 41	6 17	2 34	23 14	0 6	16 3	0 36	21 36	1 58	23 33	23 33	4 21	17 55	5 37
T 17	0 9	15 11	3 14	3 16	1 34	15 39	0 6	7 53	1 7	23 7	0 41	6 18	2 34	23 14	0 6	16 4	0 36	21 36	1 58	23 33	23 33	4 23	17 56	5 37
F 18	0s15	10 7	4 6	2 30	1 29	15 21	0 10	7 38	1 7	23 6	0 41	6 20	2 34	23 14	0 6	16 4	0 36	21 36	1 58	23 33	23 33	4 26	17 56	5 37
S 19	0 39	4 20	4 42	1 43	1 24	15 3	0 14	7 23	1 7	23 6	0 41	6 22	2 34	23 14	0 6	16 4	0 36	21 36	1 58	23 33	23 33	4 29	17 57	5 36
S 20	1 2	1n48	4 59	0 57	1 19	14 44	0 18	7 8	1 7	23 6	0 41	6 24	2 34	23 14	0 6	16 5	0 36	21 36	1 57	23 33	23 33	4 31	17 57	5 36
M21	1 26	7 51	4 55	0 10	1 14	14 25	0 22	6 53	1 6	23 5	0 41	6 25	2 34	23 14	0 6	16 5	0 36	21 36	1 57	23 33	23 33	4 34	17 57	5 36
T 22	1 50	13 24	4 30	0s36	1 8	14 5	0 26	6 38	1 6	23 5	0 41	6 27	2 34	23 14	0 6	16 5	0 36	21 37	1 57	23 32	23 33	4 37	17 58	5 35
W23	2 13	18 1	3 46	1 22	1 3	13 45	0 29	6 23	1 6	23 5	0 41	6 29	2 34	23 14	0 6	16 6	0 36	21 37	1 57	23 32	23 33	4 39	17 58	5 35
T 24	2 37	21 24	2 48	2 8	0 57	13 25	0 33	6 7	1 6	23 4	0 41	6 31	2 34	23 14	0 6	16 6	0 36	21 37	1 57	23 32	23 33	4 42	17 58	5 34
F 25	3 1	23 20	1 42	2 54	0 51	13 4	0 36	5 52	1 6	23 4	0 41	6 32	2 34	23 14	0 6	16 6	0 36	21 37	1 57	23 32	23 33	4 44	17 59	5 34
S 26	3 24	23 47	0 32	3 40	0 44	12 43	0 40	5 37	1 6	23 3	0 41	6 34	2 34	23 14	0 6	16 7	0 36	21 37	1 57	23 32	23 33	4 47	17 59	5 34
S 27	3 48	22 53	0s37	4 25	0 38	12 21	0 43	5 21	1 6	23 3	0 41	6 36	2 34	23 14	0 6	16 7	0 36	21 37	1 56	23 32	23 32	4 50	17 59	5 33
M28	4 11	20 48	1 43	5 10	0 32	11 59	0 46	5 6	1 5	23 2	0 41	6 37	2 34	23 14	0 6	16 7	0 36	21 38	1 56	23 32	23 32	4 52	18 0	5 33
T 29	4 35	17 46	2 42	5 54	0 25	11 37	0 49	4 51	1 5	23 2	0 41	6 39	2 34	23 14	0 6	16 7	0 36	21 38	1 56	23 32	23 32	4 55	18 0	5 33
W30	4s58	14n 2	3s32	6s38	0n18	11n14	0n53	4n35	1n 5	23s 1	0s41	6s40	2s34	23n14	0n 6	16s 8	0s36	21s38	1n56	23s32	23s32	4s58	18s 0	5n32

Julian Day Number = 2095317.5, Delta T = 22m28s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'44, Lahiri = 10°15'45 Julian Calendar 1 Sept. 1024 == Greg. Calendar 7 Sept. 1024

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OCTOBER 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 1 32	13♎31'06	23♌30	19♎ 9	4♍17	21♍38	18♑ 6	19°R 5	19°R13	17°R51	29♐12	26°R51	27♐15	0♎45	2♑31	T 1
F 2	1 5 29	14°30'54	5♍26	20°46	5°28	22°17	18°11	19♓ 1	19♊12	17♒50	29°13	26♐42	27°11	0°52	2°33	F 2
S 3	1 9 25	15°30'44	17°18	22°22	6°40	22°55	18°16	18°57	19°11	17°50	29°14	26°30	27° 8	0°58	2°36	S 3
S 4	1 13 22	16°30'37	29°10	23°58	7°51	23°34	18°21	18°53	19°11	17°49	29°15	26°17	27° 5	1° 5	2°38	S 4
M 5	1 17 18	17°30'31	11♎ 2	25°33	9° 3	24°13	18°26	18°49	19°10	17°48	29°16	26° 4	27° 2	1°12	2°41	M 5
T 6	1 21 15	18°30'27	22°57	27° 8	10°14	24°51	18°31	18°45	19° 9	17°48	29°17	25°51	26°59	1°19	2°43	T 6
W 7	1 25 11	19°30'25	4♏56	28°42	11°26	25°30	18°37	18°41	19° 8	17°47	29°18	25°40	26°55	1°25	2°46	W 7
T 8	1 29 8	20°30'26	17° 1	0♏16	12°38	26° 9	18°42	18°38	19° 7	17°47	29°19	25°31	26°52	1°32	2°49	T 8
F 9	1 33 4	21°30'28	29°12	1°49	13°50	26°48	18°48	18°34	19° 6	17°46	29°20	25°25	26°49	1°39	2°52	F 9
S 10	1 37 1	22°30'31	11♐32	3°22	15° 2	27°26	18°54	18°31	19° 5	17°46	29°21	25°21	26°46	1°45	2°54	S 10
S 11	1 40 58	23°30'37	24° 4	4°54	16°14	28° 5	19° 0	18°27	19° 4	17°45	29°22	25°D20	26°43	1°52	2°57	S 11
M12	1 44 54	24°30'44	6♑52	6°26	17°26	28°44	19° 6	18°24	19° 3	17°45	29°23	25°21	26°40	1°59	3° 0	M12
T 13	1 48 51	25°30'53	19°59	7°57	18°38	29°23	19°13	18°21	19° 2	17°44	29°24	25°R21	26°36	2° 6	3° 3	T 13
W14	1 52 47	26°31'04	3♒28	9°28	19°51	0♎ 2	19°20	18°18	19° 0	17°44	29°25	25°21	26°33	2°12	3° 7	W14
T 15	1 56 44	27°31'16	17°21	10°59	21° 3	0°40	19°26	18°14	18°59	17°44	29°26	25°20	26°30	2°19	3°10	T 15
F 16	2 0 40	28°31'29	1♓41	12°29	22°16	1°19	19°33	18°11	18°58	17°43	29°27	25°16	26°27	2°26	3°13	F 16
S 17	2 4 37	29°31'44	16°23	13°58	23°29	1°58	19°40	18° 8	18°56	17°43	29°29	25° 9	26°24	2°32	3°16	S 17
S 18	2 8 33	0♏32'00	1♈23	15°27	24°41	2°37	19°48	18° 6	18°55	17°43	29°30	25° 1	26°21	2°39	3°20	S 18
M19	2 12 30	1°32'18	16°33	16°56	25°54	3°16	19°55	18° 3	18°53	17°43	29°31	24°53	26°17	2°46	3°23	M19
T 20	2 16 27	2°32'38	1♉43	18°24	27° 7	3°55	20° 3	18° 0	18°52	17°43	29°32	24°45	26°14	2°53	3°27	T 20
W21	2 20 23	3°33'00	16°41	19°52	28°20	4°34	20°10	17°58	18°50	17°43	29°34	24°38	26°11	2°59	3°30	W21
T 22	2 24 20	4°33'23	1♊20	21°19	29°33	5°13	20°18	17°55	18°49	17°42	29°35	24°34	26° 8	3° 6	3°34	T 22
F 23	2 28 16	5°33'49	15°33	22°45	0♎46	5°52	20°26	17°53	18°47	17°42	29°37	24°31	26° 5	3°13	3°38	F 23
S 24	2 32 13	6°34'16	29°18	24°11	2° 0	6°30	20°34	17°50	18°45	17°D42	29°38	24°D31	26° 1	3°20	3°41	S 24
S 25	2 36 9	7°34'45	12♋34	25°37	3°13	7° 9	20°43	17°48	18°44	17°42	29°39	24°32	25°58	3°26	3°45	S 25
M26	2 40 6	8°35'16	25°26	27° 1	4°26	7°48	20°51	17°46	18°42	17°42	29°41	24°33	25°55	3°33	3°49	M26
T 27	2 44 2	9°35'49	7♌56	28°25	5°40	8°27	21° 0	17°44	18°40	17°43	29°42	24°R34	25°52	3°40	3°53	T 27
W28	2 47 59	10°36'23	20° 9	29°48	6°53	9° 6	21° 8	17°42	18°38	17°43	29°44	24°34	25°49	3°46	3°57	W28
T 29	2 51 56	11°37'00	2♍10	1♐10	8° 7	9°45	21°17	17°40	18°36	17°43	29°45	24°31	25°46	3°53	4° 1	T 29
F 30	2 55 52	12°37'38	14° 4	2°31	9°21	10°24	21°26	17°39	18°34	17°43	29°47	24°27	25°42	4° 0	4° 5	F 30
S 31	2 59 49	13♏38'18	25♍56	3♐50	10♎34	11♎ 4	21♑35	17♓37	18♊32	17♒43	29♐48	24♐21	25♐39	4♎ 7	4♑ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	5s22	9n47	4s12	7s21	0n12	10n51	0n56	4n20	1n 5	23s 0	0s41	6s42	2s34	23n14	0n 6	16s 8	0s36	21s38	1n56	23s32	23s32	5s 0	18s 1	5n32	
F 2	5 45	5 13	4 41	8 4	0 5	10 28	0 59	4 4	1 5	23 0	0 41	6 43	2 33	23 14	0 6	16 8	0 36	21 38	1 56	23 31	23 32	5 3	18 1	5 31	
S 3	6 8	0 29	4 57	8 47	0s 2	10 4	1 2	3 49	1 5	22 59	0 41	6 45	2 33	23 14	0 6	16 8	0 36	21 38	1 55	23 31	23 32	5 6	18 1	5 31	
S 4	6 31	4s15	5 1	9 29	0 8	9 40	1 4	3 33	1 4	22 58	0 41	6 46	2 33	23 13	0 6	16 8	0 36	21 39	1 55	23 31	23 32	5 8	18 2	5 31	
M 5	6 55	8 51	4 51	10 10	0 15	9 15	1 7	3 18	1 4	22 58	0 41	6 48	2 33	23 13	0 6	16 9	0 36	21 39	1 55	23 30	23 32	5 11	18 2	5 30	
T 6	7 17	13 7	4 29	10 51	0 22	8 51	1 10	3 2	1 4	22 57	0 41	6 49	2 33	23 13	0 6	16 9	0 36	21 39	1 55	23 30	23 32	5 14	18 2	5 30	
W 7	7 40	16 55	3 54	11 31	0 29	8 26	1 12	2 46	1 4	22 56	0 41	6 50	2 33	23 13	0 6	16 9	0 36	21 39	1 55	23 30	23 32	5 16	18 3	5 30	
T 8	8 3	20 1	3 9	12 10	0 35	8 0	1 15	2 31	1 4	22 55	0 41	6 52	2 33	23 13	0 6	16 9	0 36	21 39	1 55	23 29	23 32	5 19	18 3	5 29	
F 9	8 26	22 16	2 15	12 49	0 42	7 35	1 17	2 15	1 4	22 55	0 41	6 53	2 33	23 13	0 6	16 9	0 36	21 39	1 55	23 29	23 32	5 21	18 3	5 29	
S 10	8 48	23 29	1 13	13 28	0 48	7 9	1 19	2 0	1 3	22 54	0 41	6 54	2 33	23 13	0 6	16 9	0 36	21 39	1 54	23 29	23 32	5 24	18 3	5 29	
S 11	9 11	23 33	0 7	14 5	0 55	6 43	1 22	1 44	1 3	22 53	0 41	6 55	2 32	23 13	0 6	16 10	0 36	21 40	1 54	23 29	23 31	5 27	18 4	5 28	
M12	9 33	22 22	1n 1	14 42	1 1	6 16	1 24	1 28	1 3	22 52	0 41	6 57	2 32	23 13	0 6	16 10	0 36	21 40	1 54	23 29	23 31	5 29	18 4	5 28	
T 13	9 55	19 58	2 8	15 18	1 8	5 50	1 26	1 12	1 3	22 51	0 41	6 58	2 32	23 13	0 6	16 10	0 36	21 40	1 54	23 29	23 31	5 32	18 4	5 28	
W14	10 17	16 25	3 9	15 53	1 14	5 23	1 28	0 57	1 3	22 50	0 41	6 59	2 32	23 13	0 6	16 10	0 36	21 40	1 54	23 29	23 31	5 34	18 5	5 27	
T 15	10 39	11 53	4 1	16 28	1 20	4 56	1 30	0 41	1 2	22 49	0 41	7 0	2 32	23 13	0 6	16 10	0 36	21 40	1 54	23 29	23 31	5 37	18 5	5 27	
F 16	11 0	6 34	4 40	17 2	1 26	4 29	1 32	0 25	1 2	22 48	0 40	7 1	2 32	23 13	0 6	16 10	0 36	21 40	1 54	23 29	23 31	5 40	18 5	5 27	
S 17	11 22	0 46	5 2	17 34	1 32	4 2	1 33	0 10	1 2	22 47	0 40	7 2	2 32	23 12	0 6	16 10	0 36	21 41	1 53	23 29	23 31	5 42	18 5	5 26	
S 18	11 43	5n12	5 4	18 6	1 37	3 34	1 35	0s 6	1 2	22 46	0 40	7 3	2 31	23 12	0 6	16 10	0 36	21 41	1 53	23 28	23 31	5 45	18 6	5 26	
M19	12 4	10 54	4 44	18 37	1 43	3 7	1 36	0 22	1 2	22 45	0 40	7 4	2 31	23 12	0 6	16 10	0 36	21 41	1 53	23 28	23 31	5 47	18 6	5 26	
T 20	12 25	15 57	4 5	19 8	1 48	2 39	1 38	0 38	1 1	22 44	0 40	7 5	2 31	23 12	0 6	16 10	0 36	21 41	1 53	23 28	23 31	5 50	18 6	5 25	
W21	12 46	19 56	3 9	19 37	1 53	2 11	1 39	0 53	1 1	22 42	0 40	7 6	2 31	23 12	0 6	16 10	0 36	21 41	1 53	23 27	23 31	5 53	18 6	5 25	
T 22	13 6	22 31	2 1	20 5	1 58	1 43	1 40	1 9	1 1	22 41	0 40	7 7	2 31	23 12	0 6	16 10	0 36	21 41	1 53	23 27	23 31	5 55	18 6	5 25	
F 23	13 27	23 35	0 48	20 32	2 3	1 15	1 42	1 25	1 1	22 40	0 40	7 7	2 31	23 12	0 6	16 10	0 36	21 41	1 52	23 27	23 30	5 58	18 7	5 24	
S 24	13 47	23 8	0s26	20 58	2 7	0 46	1 43	1 40	1 0	22 39	0 40	7 8	2 30	23 12	0 6	16 10	0 36	21 42	1 52	23 27	23 30	6 0	18 7	5 24	
S 25	14 7	21 23	1 36	21 23	2 11	0 18	1 44	1 56	1 0	22 37	0 40	7 9	2 30	23 12	0 6	16 10	0 36	21 42	1 52	23 27	23 30	6 3	18 7	5 24	
M26	14 26	18 34	2 39	21 47	2 15	0s11	1 45	2 12	1 0	22 36	0 40	7 9	2 30	23 11	0 6	16 10	0 36	21 42	1 52	23 27	23 30	6 6	18 7	5 24	
T 27	14 46	14 57	3 33	22 10	2 19	0 39	1 45	2 27	1 0	22 35	0 40	7 10	2 30	23 11	0 7	16 10	0 36	21 42	1 52	23 27	23 30	6 8	18 7	5 23	
W28	15 5	10 48	4 15	22 31	2 22	1 8	1 46	2 43	0 59	22 33	0 40	7 11	2 30	23 11	0 7	16 10	0 36	21 42	1 52	23 27	23 30	6 11	18 7	5 23	
T 29	15 24	6 18	4 46	22 51	2 25	1 36	1 47	2 59	0 59	22 32	0 40	7 11	2 29	23 11	0 7	16 10	0 36	21 42	1 52	23 27	23 30	6 13	18 8	5 23	
F 30	15 43	1 37	5 4	23 10	2 27	2 5	1 47	3 14	0 59	22 31	0 40	7 12	2 29	23 11	0 7	16 10	0 36	21 42	1 52	23 27	23 30	6 16	18 8	5 23	
S 31	16s 1	3s 6	5s 9	23s28	2s29	2s33	1n48	3s30	0n59	22s29	0s40	7s12	2s29	23n11	0n 7	16s10	0s36	21s43	1n51	23s27	23s30	6s18	18s 8	5n22	

Julian Day Number = 2095347.5, Delta T = 22m28s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'48, Lahiri = 10°15'49 Julian Calendar 1 Oct. 1024 == Greg. Calendar 7 Oct. 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

NOVEMBER 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 3 45	14♏38'59	7♎47	5♐ 8	11♎48	11♎43	21♑44	17°R36	18°R31	17♒43	29♐50	24°R14	25♐36	4♎13	4♑13	S 1
M 2	3 7 42	15°39'42	19°42	6°25	13° 2	12°22	21°54	17♓34	18♊28	17°44	29°51	24♐ 6	25°33	4°20	4°17	M 2
T 3	3 11 38	16°40'27	1♏43	7°40	14°16	13° 1	22° 3	17°33	18°26	17°44	29°53	23°59	25°30	4°27	4°22	T 3
W 4	3 15 35	17°41'13	13°51	8°53	15°30	13°40	22°13	17°32	18°24	17°44	29°55	23°52	25°27	4°34	4°26	W 4
T 5	3 19 31	18°42'01	26° 7	10° 3	16°44	14°19	22°23	17°31	18°22	17°45	29°56	23°47	25°23	4°40	4°30	T 5
F 6	3 23 28	19°42'50	8♐33	11°11	17°58	14°58	22°33	17°30	18°20	17°45	29°58	23°44	25°20	4°47	4°35	F 6
S 7	3 27 25	20°43'40	21° 9	12°15	19°12	15°37	22°43	17°29	18°18	17°46	29°59	23°D43	25°17	4°54	4°39	S 7
S 8	3 31 21	21°44'31	3♑56	13°16	20°26	16°16	22°53	17°28	18°16	17°46	0♑ 1	23°44	25°14	5° 0	4°44	S 8
M 9	3 35 18	22°45'24	16°57	14°13	21°40	16°56	23° 3	17°27	18°13	17°47	0° 3	23°45	25°11	5° 7	4°48	M 9
T 10	3 39 14	23°46'17	0♒12	15° 6	22°54	17°35	23°13	17°27	18°11	17°47	0° 5	23°47	25° 7	5°14	4°53	T 10
W11	3 43 11	24°47'11	13°43	15°53	24° 9	18°14	23°24	17°26	18° 9	17°48	0° 7	23°48	25° 4	5°21	4°58	W11
T 12	3 47 7	25°48'06	27°32	16°35	25°23	18°53	23°34	17°26	18° 7	17°49	0° 8	23°R49	25° 1	5°27	5° 2	T 12
F 13	3 51 4	26°49'02	11♓38	17° 9	26°37	19°32	23°45	17°26	18° 4	17°49	0°10	23°48	24°58	5°34	5° 7	F 13
S 14	3 55 0	27°49'58	26° 1	17°37	27°52	20°12	23°56	17°26	18° 2	17°50	0°12	23°46	24°55	5°41	5°12	S 14
S 15	3 58 57	28°50'55	10♈36	17°56	29° 6	20°51	24° 7	17°D26	18° 0	17°51	0°14	23°43	24°52	5°47	5°17	S 15
M16	4 2 54	29°51'53	25°21	18°R 6	0♏20	21°30	24°17	17°26	17°57	17°51	0°16	23°39	24°48	5°54	5°22	M16
T 17	4 6 50	0♐52'52	10♉ 6	18° 6	1°35	22° 9	24°29	17°26	17°55	17°52	0°18	23°36	24°45	6° 1	5°26	T 17
W18	4 10 47	1°53'52	24°45	17°55	2°49	22°49	24°40	17°26	17°52	17°53	0°19	23°33	24°42	6° 8	5°31	W18
T 19	4 14 43	2°54'53	9♊12	17°33	4° 4	23°28	24°51	17°27	17°50	17°54	0°21	23°32	24°39	6°14	5°36	T 19
F 20	4 18 40	3°55'54	23°19	16°59	5°18	24° 7	25° 2	17°27	17°47	17°55	0°23	23°D31	24°36	6°21	5°41	F 20
S 21	4 22 36	4°56'57	7♋ 3	16°15	6°33	24°47	25°14	17°28	17°45	17°56	0°25	23°31	24°33	6°28	5°46	S 21
S 22	4 26 33	5°58'00	20°24	15°19	7°48	25°26	25°25	17°29	17°42	17°57	0°27	23°33	24°29	6°35	5°51	S 22
M23	4 30 30	6°59'05	3♌20	14°14	9° 2	26° 5	25°37	17°30	17°40	17°58	0°29	23°34	24°26	6°41	5°56	M23
T 24	4 34 26	8° 0'10	15°56	13° 1	10°17	26°45	25°49	17°31	17°37	17°59	0°31	23°35	24°23	6°48	6° 2	T 24
W25	4 38 23	9° 1'16	28°14	11°42	11°32	27°24	26° 1	17°32	17°35	18° 0	0°33	23°36	24°20	6°55	6° 7	W25
T 26	4 42 19	10° 2'23	10♍18	10°19	12°47	28° 4	26°13	17°33	17°32	18° 1	0°35	23°R37	24°17	7° 1	6°12	T 26
F 27	4 46 16	11° 3'31	22°14	8°57	14° 1	28°43	26°25	17°34	17°30	18° 2	0°37	23°36	24°13	7° 8	6°17	F 27
S 28	4 50 12	12° 4'40	4♎ 6	7°36	15°16	29°22	26°37	17°36	17°27	18° 3	0°39	23°35	24°10	7°15	6°22	S 28
S 29	4 54 9	13° 5'49	15°58	6°21	16°31	0♏ 2	26°49	17°37	17°25	18° 4	0°41	23°34	24° 7	7°22	6°28	S 29
M30	4 58 5	14♐ 7'00	27♎55	5♐12	17♏46	0♏41	27♑ 1	17♓39	17♊22	18♒ 6	0♑43	23♐33	24♐ 4	7♎28	6♑33	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s19	7s42	5s 1	23s44	2s30	3s 2	1n48	3s46	0n58	22s28	0s40	7s12	2s29	23n10	0n 7	16s10	0s36	21s43	1n51	23s26	23s30	6s21	18s 8	5n22
M 2	16 37	12 3	4 39	23 59	2 31	3 31	1 48	4 1	0 58	22 26	0 40	7 13	2 29	23 10	0 7	16 10	0 36	21 43	1 51	23 26	23 29	6 24	18 8	5 22
T 3	16 54	15 58	4 5	24 12	2 32	3 59	1 49	4 17	0 58	22 25	0 40	7 13	2 28	23 10	0 7	16 10	0 36	21 43	1 51	23 26	23 29	6 26	18 8	5 22
W 4	17 12	19 15	3 20	24 23	2 31	4 28	1 49	4 32	0 58	22 23	0 40	7 13	2 28	23 10	0 7	16 10	0 36	21 43	1 51	23 25	23 29	6 29	18 8	5 21
T 5	17 29	21 44	2 25	24 33	2 31	4 56	1 49	4 48	0 57	22 21	0 40	7 14	2 28	23 10	0 7	16 9	0 36	21 43	1 51	23 25	23 29	6 31	18 8	5 21
F 6	17 45	23 12	1 22	24 42	2 29	5 25	1 49	5 3	0 57	22 20	0 40	7 14	2 28	23 10	0 7	16 9	0 36	21 43	1 51	23 25	23 29	6 34	18 8	5 21
S 7	18 2	23 30	0 14	24 48	2 27	5 53	1 49	5 19	0 57	22 18	0 40	7 14	2 28	23 9	0 7	16 9	0 36	21 43	1 50	23 25	23 29	6 36	18 9	5 21
S 8	18 18	22 35	0n56	24 53	2 23	6 21	1 48	5 34	0 56	22 16	0 40	7 14	2 27	23 9	0 7	16 9	0 36	21 44	1 50	23 25	23 29	6 39	18 9	5 20
M 9	18 33	20 26	2 4	24 56	2 19	6 49	1 48	5 49	0 56	22 15	0 40	7 14	2 27	23 9	0 7	16 9	0 35	21 44	1 50	23 25	23 29	6 41	18 9	5 20
T 10	18 49	17 11	3 7	24 57	2 14	7 17	1 48	6 5	0 56	22 13	0 40	7 14	2 27	23 9	0 7	16 9	0 35	21 44	1 50	23 25	23 28	6 44	18 9	5 20
W11	19 4	12 57	4 0	24 56	2 8	7 45	1 47	6 20	0 55	22 11	0 40	7 14	2 27	23 9	0 7	16 8	0 35	21 44	1 50	23 25	23 28	6 47	18 9	5 20
T 12	19 19	7 59	4 42	24 53	2 1	8 13	1 47	6 35	0 55	22 9	0 40	7 14	2 26	23 9	0 7	16 8	0 35	21 44	1 50	23 25	23 28	6 49	18 9	5 20
F 13	19 33	2 31	5 7	24 48	1 53	8 40	1 46	6 50	0 55	22 8	0 40	7 14	2 26	23 8	0 7	16 8	0 35	21 44	1 50	23 25	23 28	6 52	18 9	5 19
S 14	19 47	3n12	5 14	24 41	1 43	9 8	1 45	7 6	0 54	22 6	0 40	7 14	2 26	23 8	0 7	16 8	0 35	21 44	1 50	23 25	23 28	6 54	18 9	5 19
S 15	20 0	8 49	5 0	24 32	1 32	9 35	1 45	7 21	0 54	22 4	0 40	7 14	2 26	23 8	0 7	16 8	0 35	21 44	1 49	23 25	23 28	6 57	18 9	5 19
M16	20 14	14 0	4 27	24 20	1 19	10 2	1 44	7 36	0 54	22 2	0 40	7 13	2 26	23 8	0 7	16 7	0 35	21 45	1 49	23 25	23 28	6 59	18 9	5 19
T 17	20 27	18 21	3 37	24 7	1 5	10 29	1 43	7 51	0 53	22 0	0 40	7 13	2 25	23 7	0 7	16 7	0 35	21 45	1 49	23 25	23 28	7 2	18 9	5 19
W18	20 39	21 31	2 32	23 50	0 50	10 55	1 42	8 6	0 53	21 58	0 40	7 13	2 25	23 7	0 7	16 7	0 35	21 45	1 49	23 24	23 28	7 4	18 9	5 18
T 19	20 51	23 14	1 18	23 31	0 33	11 22	1 41	8 21	0 53	21 56	0 40	7 12	2 25	23 7	0 7	16 7	0 35	21 45	1 49	23 24	23 27	7 7	18 9	5 18
F 20	21 3	23 25	0 1	23 10	0 15	11 48	1 40	8 35	0 52	21 54	0 40	7 12	2 25	23 7	0 7	16 6	0 35	21 45	1 49	23 24	23 27	7 9	18 9	5 18
S 21	21 14	22 9	1s14	22 47	0n 4	12 13	1 38	8 50	0 52	21 52	0 40	7 11	2 24	23 7	0 7	16 6	0 35	21 45	1 49	23 24	23 27	7 12	18 9	5 18
S 22	21 25	19 39	2 23	22 21	0 24	12 39	1 37	9 5	0 52	21 50	0 40	7 11	2 24	23 6	0 7	16 6	0 35	21 45	1 49	23 24	23 27	7 14	18 9	5 18
M23	21 35	16 14	3 23	21 54	0 44	13 4	1 36	9 20	0 51	21 47	0 40	7 10	2 24	23 6	0 7	16 5	0 35	21 45	1 48	23 24	23 27	7 17	18 8	5 18
T 24	21 46	12 9	4 11	21 25	1 5	13 29	1 34	9 34	0 51	21 45	0 40	7 10	2 24	23 6	0 7	16 5	0 35	21 46	1 48	23 25	23 27	7 19	18 8	5 18
W25	21 55	7 41	4 46	20 55	1 24	13 54	1 33	9 49	0 51	21 43	0 40	7 9	2 24	23 6	0 7	16 5	0 35	21 46	1 48	23 25	23 27	7 22	18 8	5 17
T 26	22 4	3 0	5 8	20 25	1 43	14 18	1 32	10 3	0 50	21 41	0 40	7 9	2 23	23 6	0 7	16 4	0 35	21 46	1 48	23 25	23 26	7 24	18 8	5 17
F 27	22 13	1s44	5 16	19 55	2 0	14 42	1 30	10 18	0 50	21 38	0 40	7 8	2 23	23 5	0 7	16 4	0 35	21 46	1 48	23 25	23 26	7 27	18 8	5 17
S 28	22 21	6 23	5 11	19 28	2 16	15 6	1 28	10 32	0 49	21 36	0 40	7 7	2 23	23 5	0 7	16 4	0 35	21 46	1 48	23 25	23 26	7 29	18 8	5 17
S 29	22 29	10 48	4 53	19 2	2 29	15 29	1 27	10 47	0 49	21 34	0 40	7 6	2 23	23 5	0 7	16 3	0 35	21 46	1 48	23 24	23 26	7 32	18 8	5 17
M30	22s37	14s51	4s21	18s39	2n40	15s52	1n25	11s 1	0n49	21s31	0s40	7s 5	2s22	23n 5	0n 7	16s 3	0s35	21s46	1n48	23s24	23s26	7s34	18s 8	5n17

Julian Day Number = 2095378.5, Delta T = 22m27s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'53, Lahiri = 10°15'53 Julian Calendar 1 Nov. 1024 == Greg. Calendar 7 Nov. 1024

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ASTRODIENST EPHEMERIS for the year 1024
geocentric

DECEMBER 1024 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 2 2	15♐ 8'11	10♏ 1	4°R12	19♏ 1	1♏21	27♑13	17♓41	17°R19	18♒ 7	0♑45	23°R31	24♐ 1	7♎35	6♑38	T 1
W 2	5 5 59	16° 9'23	22°17	3♐23	20°15	2° 0	27°26	17°42	17♊17	18° 8	0°47	23♐30	23°58	7°42	6°43	W 2
T 3	5 9 55	17°10'35	4♐46	2°43	21°30	2°40	27°38	17°44	17°14	18° 9	0°49	23°30	23°54	7°48	6°49	T 3
F 4	5 13 52	18°11'47	17°29	2°15	22°45	3°19	27°51	17°46	17°12	18°11	0°51	23°D29	23°51	7°55	6°54	F 4
S 5	5 17 48	19°13'00	0♑26	1°57	24° 0	3°59	28° 4	17°49	17° 9	18°12	0°53	23°29	23°48	8° 2	7° 0	S 5
S 6	5 21 45	20°14'14	13°37	1°D50	25°15	4°38	28°16	17°51	17° 7	18°13	0°55	23°29	23°45	8° 9	7° 5	S 6
M 7	5 25 41	21°15'27	27° 1	1°52	26°30	5°18	28°29	17°53	17° 4	18°15	0°57	23°30	23°42	8°15	7°10	M 7
T 8	5 29 38	22°16'40	10♒38	2° 3	27°45	5°57	28°42	17°56	17° 1	18°16	0°59	23°30	23°39	8°22	7°16	T 8
W 9	5 33 34	23°17'53	24°25	2°22	29° 0	6°37	28°55	17°58	16°59	18°18	1° 1	23°R30	23°35	8°29	7°21	W 9
T 10	5 37 31	24°19'06	8♓22	2°49	0♐15	7°16	29° 8	18° 1	16°56	18°19	1° 3	23°30	23°32	8°35	7°27	T 10
F 11	5 41 28	25°20'19	22°27	3°22	1°30	7°56	29°21	18° 4	16°54	18°21	1° 5	23°D30	23°29	8°42	7°32	F 11
S 12	5 45 24	26°21'31	6♈38	4° 2	2°45	8°36	29°34	18° 7	16°51	18°22	1° 7	23°30	23°26	8°49	7°38	S 12
S 13	5 49 21	27°22'43	20°54	4°47	4° 0	9°15	29°47	18°10	16°49	18°24	1°10	23°30	23°23	8°56	7°43	S 13
M14	5 53 17	28°23'55	5♉11	5°36	5°15	9°55	0♒ 0	18°13	16°46	18°26	1°12	23°31	23°19	9° 2	7°49	M14
T 15	5 57 14	29°25'07	19°26	6°30	6°30	10°34	0°14	18°16	16°44	18°27	1°14	23°31	23°16	9° 9	7°54	T 15
W16	6 1 10	0♑26'18	3♊36	7°27	7°45	11°14	0°27	18°19	16°41	18°29	1°16	23°32	23°13	9°16	8° 0	W16
T 17	6 5 7	1°27'29	17°36	8°28	9° 0	11°54	0°40	18°22	16°39	18°30	1°18	23°R32	23°10	9°23	8° 5	T 17
F 18	6 9 3	2°28'40	1♋23	9°32	10°15	12°33	0°54	18°26	16°36	18°32	1°20	23°32	23° 7	9°29	8°11	F 18
S 19	6 13 0	3°29'50	14°54	10°39	11°30	13°13	1° 7	18°29	16°34	18°34	1°22	23°31	23° 4	9°36	8°16	S 19
S 20	6 16 57	4°31'00	28° 7	11°48	12°45	13°53	1°21	18°33	16°31	18°36	1°24	23°30	23° 0	9°43	8°22	S 20
M21	6 20 53	5°32'10	11♌ 2	12°59	14° 0	14°32	1°34	18°37	16°29	18°37	1°26	23°29	22°57	9°49	8°27	M21
T 22	6 24 50	6°33'20	23°38	14°12	15°15	15°12	1°48	18°41	16°27	18°39	1°28	23°27	22°54	9°56	8°33	T 22
W23	6 28 46	7°34'29	5♍58	15°27	16°30	15°52	2° 2	18°45	16°24	18°41	1°30	23°25	22°51	10° 3	8°39	W23
T 24	6 32 43	8°35'39	18° 5	16°44	17°45	16°31	2°15	18°49	16°22	18°43	1°32	23°23	22°48	10°10	8°44	T 24
F 25	6 36 39	9°36'48	0♎ 3	18° 2	19° 1	17°11	2°29	18°53	16°20	18°45	1°34	23°22	22°44	10°16	8°50	F 25
S 26	6 40 36	10°37'56	11°55	19°21	20°16	17°51	2°43	18°57	16°17	18°47	1°37	23°D22	22°41	10°23	8°55	S 26
S 27	6 44 32	11°39'05	23°48	20°41	21°31	18°31	2°57	19° 1	16°15	18°48	1°39	23°22	22°38	10°30	9° 1	S 27
M28	6 48 29	12°40'13	5♏45	22° 3	22°46	19°10	3°11	19° 5	16°13	18°50	1°41	23°23	22°35	10°36	9° 6	M28
T 29	6 52 26	13°41'21	17°51	23°25	24° 1	19°50	3°25	19°10	16°10	18°52	1°43	23°25	22°32	10°43	9°12	T 29
W30	6 56 22	14°42'29	0♐11	24°49	25°16	20°30	3°39	19°14	16° 8	18°54	1°45	23°27	22°29	10°50	9°17	W30
T 31	7 0 19	15♑43'36	12♐48	26♐13	26♐31	21♏10	3♒53	19♓19	16♊ 6	18♒56	1♑47	23♐28	22♐25	10♎57	9♑23	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s44	18s20	3s38	18s20	2n48	16s14	1n23	11s15	0n48	21s29	0s40	7s 4	2s22	23n 4	0n 7	16s 2	0s35	21s46	1n48	23s24	23s26	7s37	18s 7	5n17
W 2	22 50	21 5	2 45	18 5	2 55	16 36	1 21	11 29	0 48	21 27	0 40	7 4	2 22	23 4	0 7	16 2	0 35	21 46	1 47	23 24	23 26	7 39	18 7	5 17
T 3	22 57	22 52	1 42	17 54	2 59	16 57	1 19	11 43	0 47	21 24	0 40	7 3	2 22	23 4	0 7	16 2	0 35	21 46	1 47	23 24	23 25	7 42	18 7	5 17
F 4	23 2	23 31	0 33	17 46	3 1	17 19	1 17	11 57	0 47	21 22	0 40	7 2	2 22	23 4	0 7	16 1	0 35	21 47	1 47	23 24	23 25	7 44	18 7	5 17
S 5	23 7	22 55	0n38	17 42	3 1	17 39	1 15	12 11	0 47	21 19	0 40	7 1	2 21	23 3	0 7	16 1	0 35	21 47	1 47	23 24	23 25	7 47	18 7	5 17
S 6	23 12	21 3	1 49	17 42	2 59	17 59	1 13	12 25	0 46	21 17	0 40	6 59	2 21	23 3	0 7	16 0	0 35	21 47	1 47	23 24	23 25	7 49	18 6	5 17
M 7	23 17	18 0	2 56	17 46	2 57	18 19	1 11	12 38	0 46	21 14	0 40	6 58	2 21	23 3	0 7	16 0	0 35	21 47	1 47	23 24	23 25	7 52	18 6	5 16
T 8	23 20	13 56	3 53	17 52	2 53	18 38	1 9	12 52	0 45	21 11	0 40	6 57	2 21	23 3	0 7	15 59	0 35	21 47	1 47	23 24	23 25	7 54	18 6	5 16
W 9	23 24	9 5	4 37	18 0	2 48	18 57	1 7	13 5	0 45	21 9	0 40	6 56	2 20	23 2	0 7	15 59	0 35	21 47	1 47	23 24	23 25	7 57	18 6	5 16
T 10	23 27	3 44	5 6	18 11	2 42	19 15	1 5	13 19	0 44	21 6	0 41	6 55	2 20	23 2	0 7	15 59	0 35	21 47	1 47	23 24	23 24	7 59	18 5	5 16
F 11	23 29	1n51	5 17	18 24	2 35	19 33	1 3	13 32	0 44	21 3	0 41	6 53	2 20	23 2	0 7	15 58	0 35	21 47	1 46	23 24	23 24	8 2	18 5	5 16
S 12	23 31	7 22	5 9	18 38	2 28	19 50	1 0	13 45	0 43	21 1	0 41	6 52	2 20	23 2	0 7	15 58	0 35	21 47	1 46	23 24	23 24	8 4	18 5	5 16
S 13	23 32	12 33	4 42	18 54	2 21	20 7	0 58	13 59	0 43	20 58	0 41	6 51	2 20	23 1	0 7	15 57	0 35	21 47	1 46	23 24	23 24	8 6	18 5	5 16
M14	23 33	17 2	3 57	19 10	2 13	20 23	0 56	14 12	0 42	20 55	0 41	6 49	2 19	23 1	0 7	15 57	0 35	21 47	1 46	23 24	23 24	8 9	18 4	5 16
T 15	23 34	20 32	2 58	19 28	2 5	20 38	0 53	14 24	0 42	20 52	0 41	6 48	2 19	23 1	0 7	15 56	0 35	21 47	1 46	23 24	23 24	8 11	18 4	5 16
W16	23 34	22 45	1 48	19 45	1 56	20 53	0 51	14 37	0 41	20 49	0 41	6 46	2 19	23 1	0 7	15 56	0 35	21 48	1 46	23 24	23 23	8 14	18 4	5 16
T 17	23 33	23 32	0 33	20 3	1 48	21 7	0 48	14 50	0 41	20 46	0 41	6 45	2 19	23 0	0 7	15 55	0 35	21 48	1 46	23 24	23 23	8 16	18 3	5 16
F 18	23 33	22 50	0s43	20 22	1 39	21 21	0 46	15 3	0 40	20 44	0 41	6 43	2 19	23 0	0 7	15 54	0 35	21 48	1 46	23 24	23 23	8 19	18 3	5 16
S 19	23 31	20 49	1 56	20 40	1 30	21 34	0 44	15 15	0 40	20 41	0 41	6 42	2 18	23 0	0 7	15 54	0 35	21 48	1 46	23 24	23 23	8 21	18 3	5 16
S 20	23 29	17 42	3 0	20 58	1 22	21 46	0 41	15 28	0 39	20 38	0 41	6 40	2 18	23 0	0 7	15 53	0 35	21 48	1 46	23 24	23 23	8 24	18 2	5 16
M21	23 27	13 48	3 54	21 16	1 13	21 58	0 39	15 40	0 39	20 35	0 41	6 38	2 18	23 0	0 7	15 53	0 35	21 48	1 46	23 24	23 23	8 26	18 2	5 16
T 22	23 24	9 24	4 34	21 34	1 4	22 9	0 36	15 52	0 38	20 32	0 41	6 37	2 18	22 59	0 7	15 52	0 35	21 48	1 45	23 24	23 22	8 28	18 2	5 16
W23	23 21	4 42	5 2	21 51	0 56	22 19	0 33	16 4	0 38	20 29	0 41	6 35	2 18	22 59	0 7	15 52	0 35	21 48	1 45	23 24	23 22	8 31	18 1	5 16
T 24	23 17	0s 5	5 15	22 7	0 47	22 29	0 31	16 16	0 37	20 26	0 41	6 33	2 17	22 59	0 7	15 51	0 35	21 48	1 45	23 24	23 22	8 33	18 1	5 16
F 25	23 13	4 49	5 14	22 23	0 39	22 38	0 28	16 28	0 37	20 22	0 41	6 31	2 17	22 59	0 7	15 51	0 35	21 48	1 45	23 24	23 22	8 36	18 0	5 17
S 26	23 8	9 20	5 0	22 38	0 30	22 47	0 26	16 40	0 36	20 19	0 41	6 30	2 17	22 58	0 7	15 50	0 35	21 48	1 45	23 24	23 22	8 38	18 0	5 17
S 27	23 3	13 30	4 33	22 52	0 22	22 54	0 23	16 51	0 36	20 16	0 41	6 28	2 17	22 58	0 7	15 49	0 35	21 48	1 45	23 24	23 22	8 40	17 59	5 17
M28	22 57	17 10	3 54	23 6	0 14	23 1	0 21	17 3	0 35	20 13	0 41	6 26	2 17	22 58	0 7	15 49	0 35	21 48	1 45	23 24	23 21	8 43	17 59	5 17
T 29	22 51	20 11	3 4	23 18	0 6	23 8	0 18	17 14	0 34	20 10	0 41	6 24	2 16	22 58	0 7	15 48	0 35	21 48	1 45	23 24	23 21	8 45	17 59	5 17
W30	22 45	22 20	2 5	23 30	0s 2	23 13	0 15	17 25	0 34	20 7	0 41	6 22	2 16	22 57	0 7	15 48	0 35	21 48	1 45	23 24	23 21	8 48	17 58	5 17
T 31	22s38	23s25	0s58	23s40	0s10	23s18	0n13	17s37	0n33	20s 3	0s41	6s20	2s16	22n57	0n 7	15s47	0s35	21s49	1n45	23s24	23s21	8s50	17s58	5n17

Julian Day Number = 2095408.5, Delta T = 22m27s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°08'57, Lahiri = 10°15'57 Julian Calendar 1 Dec. 1024 == Greg. Calendar 7 Dec. 1024

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

JANUARY 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 4 15	16♑44'42	25♐44	27♐39	27♐46	21♏50	4♒ 7	19♓24	16°R 4	18♒58	1♑49	23°R28	22♐22	11♎ 3	9♑28	F 1
S 2	7 8 12	17°45'48	9♑ 0	29° 5	29° 1	22°29	4°21	19°29	16♊ 2	19° 0	1°51	23♐27	22°19	11°10	9°34	S 2
S 3	7 12 8	18°46'53	22°36	0♑32	0♑16	23° 9	4°35	19°33	16° 0	19° 2	1°53	23°25	22°16	11°17	9°39	S 3
M 4	7 16 5	19°47'57	6♒29	2° 0	1°31	23°49	4°49	19°38	15°58	19° 4	1°55	23°22	22°13	11°23	9°45	M 4
T 5	7 20 2	20°49'01	20°35	3°28	2°47	24°29	5° 3	19°43	15°56	19° 6	1°57	23°18	22°10	11°30	9°50	T 5
W 6	7 23 58	21°50'03	4♓50	4°58	4° 2	25° 9	5°17	19°48	15°54	19° 8	1°59	23°13	22° 6	11°37	9°56	W 6
T 7	7 27 55	22°51'03	19° 9	6°28	5°17	25°49	5°31	19°54	15°52	19°10	2° 1	23° 9	22° 3	11°44	10° 1	T 7
F 8	7 31 51	23°52'03	3♈27	7°58	6°32	26°28	5°45	19°59	15°50	19°13	2° 3	23° 7	22° 0	11°50	10° 7	F 8
S 9	7 35 48	24°53'01	17°42	9°30	7°47	27° 8	6° 0	20° 4	15°48	19°15	2° 5	23° 5	21°57	11°57	10°12	S 9
S 10	7 39 44	25°53'58	1♉50	11° 2	9° 2	27°48	6°14	20°10	15°46	19°17	2° 7	23°D 5	21°54	12° 4	10°17	S 10
M11	7 43 41	26°54'54	15°50	12°34	10°17	28°28	6°28	20°15	15°45	19°19	2° 9	23° 6	21°50	12°10	10°23	M11
T 12	7 47 37	27°55'48	29°42	14° 8	11°32	29° 8	6°42	20°21	15°43	19°21	2°11	23° 8	21°47	12°17	10°28	T 12
W13	7 51 34	28°56'41	13♊23	15°42	12°47	29°48	6°57	20°26	15°41	19°23	2°12	23° 9	21°44	12°24	10°34	W13
T 14	7 55 31	29°57'32	26°55	17°17	14° 2	0♐28	7°11	20°32	15°40	19°25	2°14	23°R 9	21°41	12°31	10°39	T 14
F 15	7 59 27	0♒58'23	10♋16	18°53	15°17	1° 8	7°25	20°38	15°38	19°28	2°16	23° 8	21°38	12°37	10°44	F 15
S 16	8 3 24	1°59'11	23°25	20°29	16°32	1°47	7°40	20°43	15°36	19°30	2°18	23° 5	21°35	12°44	10°49	S 16
S 17	8 7 20	2°59'59	6♌21	22° 6	17°47	2°27	7°54	20°49	15°35	19°32	2°20	22°59	21°31	12°51	10°55	S 17
M18	8 11 17	4° 0'45	19° 4	23°44	19° 2	3° 7	8° 8	20°55	15°33	19°34	2°22	22°52	21°28	12°57	11° 0	M18
T 19	8 15 13	5° 1'29	1♍34	25°23	20°17	3°47	8°23	21° 1	15°32	19°36	2°24	22°44	21°25	13° 4	11° 5	T 19
W20	8 19 10	6° 2'13	13°50	27° 2	21°32	4°27	8°37	21° 7	15°31	19°39	2°25	22°36	21°22	13°11	11°10	W20
T 21	8 23 6	7° 2'55	25°56	28°42	22°47	5° 7	8°51	21°13	15°29	19°41	2°27	22°29	21°19	13°18	11°15	T 21
F 22	8 27 3	8° 3'36	7♎53	0♒23	24° 2	5°47	9° 6	21°19	15°28	19°43	2°29	22°22	21°16	13°24	11°20	F 22
S 23	8 31 0	9° 4'16	19°45	2° 5	25°17	6°27	9°20	21°26	15°27	19°45	2°31	22°18	21°12	13°31	11°25	S 23
S 24	8 34 56	10° 4'54	1♏36	3°48	26°32	7° 7	9°35	21°32	15°25	19°48	2°33	22°16	21° 9	13°38	11°31	S 24
M25	8 38 53	11° 5'32	13°31	5°32	27°47	7°47	9°49	21°38	15°24	19°50	2°34	22°D15	21° 6	13°44	11°36	M25
T 26	8 42 49	12° 6'08	25°36	7°16	29° 2	8°27	10° 3	21°45	15°23	19°52	2°36	22°16	21° 3	13°51	11°41	T 26
W27	8 46 46	13° 6'43	7♐54	9° 2	0♒17	9° 7	10°18	21°51	15°22	19°54	2°38	22°17	21° 0	13°58	11°45	W27
T 28	8 50 42	14° 7'16	20°32	10°48	1°32	9°47	10°32	21°57	15°21	19°57	2°39	22°R18	20°56	14° 5	11°50	T 28
F 29	8 54 39	15° 7'49	3♑33	12°35	2°47	10°27	10°46	22° 4	15°20	19°59	2°41	22°18	20°53	14°11	11°55	F 29
S 30	8 58 35	16° 8'20	16°59	14°23	4° 2	11° 7	11° 1	22°11	15°19	20° 1	2°43	22°15	20°50	14°18	12° 0	S 30
S 31	9 2 32	17♒ 8'49	0♒50	16♒12	5♒17	11♐47	11♒15	22♓17	15♊18	20♒ 3	2♑44	22♐10	20♐47	14♎25	12♑ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s31	23s17	0n12	23s50	0s17	23s23	0n10	17s48	0n33	20s 0	0s41	6s18	2s16	22n57	0n 7	15s46	0s35	21s49	1n45	23s24	23s21	8s53	17s57	5n17
S 2	22 23	21 51	1 24	23 58	0 25	23 26	0 8	17 58	0 32	19 57	0 41	6 16	2 16	22 57	0 7	15 46	0 35	21 49	1 45	23 24	23 20	8 55	17 57	5 17
S 3	22 14	19 8	2 33	24 6	0 32	23 29	0 5	18 9	0 31	19 53	0 41	6 14	2 15	22 57	0 7	15 45	0 35	21 49	1 44	23 24	23 20	8 57	17 56	5 17
M 4	22 6	15 17	3 34	24 12	0 39	23 31	0 3	18 20	0 31	19 50	0 42	6 12	2 15	22 56	0 7	15 44	0 35	21 49	1 44	23 24	23 20	9 0	17 56	5 17
T 5	21 57	10 32	4 23	24 17	0 45	23 32	0s 0	18 30	0 30	19 47	0 42	6 10	2 15	22 56	0 7	15 44	0 35	21 49	1 44	23 24	23 20	9 2	17 55	5 18
W 6	21 47	5 11	4 57	24 20	0 52	23 33	0 3	18 40	0 30	19 43	0 42	6 7	2 15	22 56	0 7	15 43	0 35	21 49	1 44	23 23	23 20	9 4	17 55	5 18
T 7	21 37	0n28	5 12	24 23	0 58	23 33	0 5	18 51	0 29	19 40	0 42	6 5	2 15	22 56	0 7	15 42	0 35	21 49	1 44	23 23	23 20	9 7	17 54	5 18
F 8	21 27	6 5	5 8	24 24	1 4	23 32	0 8	19 1	0 28	19 36	0 42	6 3	2 15	22 56	0 7	15 42	0 35	21 49	1 44	23 23	23 19	9 9	17 54	5 18
S 9	21 16	11 21	4 44	24 23	1 10	23 30	0 10	19 11	0 28	19 33	0 42	6 1	2 14	22 55	0 7	15 41	0 35	21 49	1 44	23 23	23 19	9 12	17 53	5 18
S 10	21 5	15 59	4 4	24 22	1 16	23 28	0 13	19 20	0 27	19 29	0 42	5 58	2 14	22 55	0 7	15 41	0 35	21 49	1 44	23 23	23 19	9 14	17 52	5 18
M11	20 53	19 41	3 10	24 19	1 21	23 25	0 15	19 30	0 26	19 26	0 42	5 56	2 14	22 55	0 7	15 40	0 35	21 49	1 44	23 23	23 19	9 16	17 52	5 18
T 12	20 41	22 13	2 5	24 14	1 26	23 21	0 18	19 39	0 25	19 22	0 42	5 54	2 14	22 55	0 7	15 39	0 35	21 49	1 44	23 23	23 19	9 19	17 51	5 19
W13	20 29	23 24	0 53	24 9	1 31	23 17	0 20	19 49	0 25	19 19	0 42	5 51	2 14	22 55	0 7	15 38	0 35	21 49	1 44	23 23	23 18	9 21	17 51	5 19
T 14	20 16	23 11	0s20	24 1	1 36	23 12	0 22	19 58	0 24	19 15	0 42	5 49	2 14	22 55	0 7	15 38	0 35	21 49	1 44	23 23	23 18	9 23	17 50	5 19
F 15	20 3	21 38	1 32	23 52	1 40	23 6	0 25	20 7	0 23	19 11	0 42	5 47	2 14	22 54	0 7	15 37	0 35	21 49	1 44	23 23	23 18	9 26	17 50	5 19
S 16	19 49	18 57	2 37	23 42	1 44	22 59	0 27	20 16	0 23	19 8	0 42	5 44	2 13	22 54	0 7	15 36	0 35	21 49	1 43	23 23	23 18	9 28	17 49	5 19
S 17	19 35	15 21	3 33	23 30	1 47	22 52	0 30	20 24	0 22	19 4	0 42	5 42	2 13	22 54	0 7	15 36	0 35	21 49	1 43	23 23	23 18	9 31	17 48	5 20
M18	19 21	11 7	4 17	23 17	1 51	22 44	0 32	20 33	0 21	19 1	0 42	5 39	2 13	22 54	0 7	15 35	0 35	21 49	1 43	23 22	23 17	9 33	17 48	5 20
T 19	19 7	6 30	4 48	23 2	1 54	22 35	0 34	20 41	0 20	18 57	0 42	5 37	2 13	22 54	0 7	15 34	0 35	21 49	1 43	23 22	23 17	9 35	17 47	5 20
W20	18 52	1 42	5 5	22 46	1 56	22 26	0 36	20 49	0 20	18 53	0 43	5 34	2 13	22 54	0 7	15 34	0 35	21 49	1 43	23 21	23 17	9 38	17 46	5 20
T 21	18 36	3s 5	5 8	22 28	1 59	22 16	0 39	20 57	0 19	18 49	0 43	5 32	2 13	22 53	0 7	15 33	0 35	21 49	1 43	23 21	23 17	9 40	17 46	5 20
F 22	18 21	7 41	4 57	22 8	2 0	22 5	0 41	21 5	0 18	18 46	0 43	5 29	2 13	22 53	0 7	15 32	0 35	21 49	1 43	23 21	23 17	9 42	17 45	5 21
S 23	18 5	11 59	4 34	21 47	2 2	21 54	0 43	21 13	0 17	18 42	0 43	5 27	2 13	22 53	0 7	15 32	0 35	21 49	1 43	23 20	23 16	9 45	17 45	5 21
S 24	17 49	15 49	3 59	21 24	2 3	21 42	0 45	21 20	0 17	18 38	0 43	5 24	2 12	22 53	0 7	15 31	0 35	21 50	1 43	23 20	23 16	9 47	17 44	5 21
M25	17 32	19 3	3 13	20 59	2 4	21 29	0 47	21 28	0 16	18 34	0 43	5 21	2 12	22 53	0 7	15 30	0 35	21 50	1 43	23 20	23 16	9 49	17 43	5 21
T 26	17 15	21 30	2 19	20 33	2 4	21 15	0 49	21 35	0 15	18 31	0 43	5 19	2 12	22 53	0 7	15 29	0 35	21 50	1 43	23 20	23 16	9 52	17 43	5 22
W27	16 58	23 0	1 17	20 5	2 4	21 2	0 51	21 42	0 14	18 27	0 43	5 16	2 12	22 53	0 7	15 29	0 35	21 50	1 43	23 20	23 15	9 54	17 42	5 22
T 28	16 41	23 23	0 10	19 36	2 4	20 47	0 53	21 49	0 13	18 23	0 43	5 13	2 12	22 53	0 7	15 28	0 35	21 50	1 43	23 20	23 15	9 56	17 41	5 22
F 29	16 23	22 31	1n 0	19 5	2 3	20 32	0 55	21 56	0 12	18 19	0 43	5 11	2 12	22 53	0 7	15 27	0 35	21 50	1 43	23 20	23 15	9 58	17 41	5 22
S 30	16 5	20 21	2 8	18 32	2 1	20 16	0 57	22 2	0 12	18 15	0 43	5 8	2 12	22 52	0 7	15 27	0 35	21 50	1 43	23 20	23 15	10 1	17 40	5 23
S 31	15s47	16s58	3n11	17s57	1s59	19s59	0s58	22s 8	0n11	18s11	0s43	5s 5	2s12	22n52	0n 7	15s26	0s35	21s50	1n43	23s20	23s15	10s 3	17s39	5n23

Julian Day Number = 2095439.5, Delta T = 22m27s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'01, Lahiri = 10°16'01 Julian Calendar 1 Jan. 1025 == Greg. Calendar 7 Jan. 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

FEBRUARY 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 6 29	18♒ 9'16	15♒ 5	18♒ 2	6♒32	12♐27	11♒29	22♓24	15°R18	20♒ 6	2♑46	22°R 2	20♐44	14♎31	12♑10	M 1
T 2	9 10 25	19° 9'42	29°38	19°53	7°47	13° 7	11°44	22°31	15♊17	20° 8	2°47	21♐53	20°41	14°38	12°14	T 2
W 3	9 14 22	20°10'06	14♓23	21°45	9° 2	13°47	11°58	22°37	15°16	20°10	2°49	21°44	20°37	14°45	12°19	W 3
T 4	9 18 18	21°10'29	29°10	23°37	10°17	14°27	12°12	22°44	15°16	20°13	2°50	21°35	20°34	14°52	12°24	T 4
F 5	9 22 15	22°10'49	13♈52	25°30	11°32	15° 7	12°27	22°51	15°15	20°15	2°52	21°28	20°31	14°58	12°28	F 5
S 6	9 26 11	23°11'07	28°23	27°24	12°47	15°46	12°41	22°58	15°14	20°17	2°53	21°23	20°28	15° 5	12°33	S 6
S 7	9 30 8	24°11'23	12♉39	29°18	14° 1	16°26	12°55	23° 5	15°14	20°19	2°55	21°20	20°25	15°12	12°37	S 7
M 8	9 34 4	25°11'37	26°37	1♓12	15°16	17° 6	13° 9	23°12	15°13	20°22	2°56	21°D20	20°22	15°18	12°42	M 8
T 9	9 38 1	26°11'49	10♊18	3° 7	16°31	17°46	13°24	23°19	15°13	20°24	2°58	21°20	20°18	15°25	12°46	T 9
W10	9 41 58	27°11'59	23°43	5° 2	17°46	18°26	13°38	23°26	15°13	20°26	2°59	21°R20	20°15	15°32	12°51	W10
T 11	9 45 54	28°12'07	6♋54	6°57	19° 1	19° 6	13°52	23°33	15°12	20°28	3° 0	21°19	20°12	15°39	12°55	T 11
F 12	9 49 51	29°12'12	19°52	8°52	20°16	19°46	14° 6	23°40	15°12	20°31	3° 2	21°16	20° 9	15°45	12°59	F 12
S 13	9 53 47	0♓12'15	2♌39	10°46	21°30	20°26	14°20	23°47	15°12	20°33	3° 3	21°10	20° 6	15°52	13° 4	S 13
S 14	9 57 44	1°12'17	15°16	12°39	22°45	21° 6	14°34	23°54	15°12	20°35	3° 4	21° 1	20° 2	15°59	13° 8	S 14
M15	10 1 40	2°12'16	27°43	14°31	24° 0	21°46	14°48	24° 1	15°12	20°37	3° 6	20°49	19°59	16° 5	13°12	M15
T 16	10 5 37	3°12'13	10♍ 1	16°22	25°15	22°26	15° 2	24° 9	15°D12	20°40	3° 7	20°36	19°56	16°12	13°16	T 16
W17	10 9 33	4°12'08	22° 9	18°10	26°29	23° 6	15°16	24°16	15°12	20°42	3° 8	20°22	19°53	16°19	13°20	W17
T 18	10 13 30	5°12'02	4♎10	19°56	27°44	23°46	15°30	24°23	15°12	20°44	3° 9	20° 9	19°50	16°25	13°24	T 18
F 19	10 17 26	6°11'53	16° 5	21°38	28°59	24°26	15°44	24°31	15°12	20°46	3°10	19°58	19°47	16°32	13°28	F 19
S 20	10 21 23	7°11'43	27°56	23°18	0♓14	25° 6	15°58	24°38	15°12	20°49	3°12	19°50	19°43	16°39	13°32	S 20
S 21	10 25 20	8°11'31	9♏45	24°53	1°28	25°46	16°12	24°45	15°13	20°51	3°13	19°44	19°40	16°46	13°36	S 21
M22	10 29 16	9°11'17	21°39	26°24	2°43	26°26	16°26	24°53	15°13	20°53	3°14	19°40	19°37	16°52	13°39	M22
T 23	10 33 13	10°11'01	3♐41	27°49	3°58	27° 6	16°40	25° 0	15°13	20°55	3°15	19°39	19°34	16°59	13°43	T 23
W24	10 37 9	11°10'44	15°56	29°10	5°12	27°45	16°53	25° 7	15°14	20°57	3°16	19°39	19°31	17° 6	13°47	W24
T 25	10 41 6	12°10'25	28°30	0♈24	6°27	28°25	17° 7	25°15	15°14	21° 0	3°17	19°39	19°28	17°12	13°50	T 25
F 26	10 45 2	13°10'04	11♑27	1°32	7°42	29° 5	17°21	25°22	15°15	21° 2	3°18	19°38	19°24	17°19	13°54	F 26
S 27	10 48 59	14° 9'41	24°52	2°34	8°56	29°45	17°35	25°30	15°15	21° 4	3°19	19°34	19°21	17°26	13°57	S 27
S 28	10 52 55	15♓ 9'17	8♒47	3♈28	10♓11	0♑25	17♒48	25♓37	15♊16	21♒ 6	3♑20	19♐28	19♐18	17♎33	14♑ 1	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s28	12s30	4n 4	17s21	1s57	19s42	1s 0	22s15	0n10	18s 7	0s44	5s 3	2s12	22n52	0n 7	15s25	0s35	21s50	1n42	23s19	23s14	10s 5	17s38	5n23
T 2	15 9	7 15	4 42	16 43	1 53	19 25	1 2	22 21	0 9	18 3	0 44	5 0	2 11	22 52	0 7	15 24	0 35	21 50	1 42	23 19	23 14	10 8	17 38	5 23
W 3	14 50	1 32	5 2	16 4	1 50	19 7	1 3	22 26	0 8	18 0	0 44	4 57	2 11	22 52	0 7	15 24	0 35	21 50	1 42	23 18	23 14	10 10	17 37	5 24
T 4	14 31	4n16	5 2	15 23	1 46	18 48	1 5	22 32	0 7	17 56	0 44	4 54	2 11	22 52	0 7	15 23	0 35	21 50	1 42	23 18	23 14	10 12	17 36	5 24
F 5	14 11	9 49	4 42	14 40	1 41	18 29	1 7	22 37	0 6	17 52	0 44	4 51	2 11	22 52	0 7	15 22	0 35	21 50	1 42	23 17	23 13	10 15	17 36	5 24
S 6	13 52	14 45	4 4	13 56	1 36	18 9	1 8	22 43	0 5	17 48	0 44	4 49	2 11	22 52	0 7	15 22	0 35	21 50	1 42	23 17	23 13	10 17	17 35	5 25
S 7	13 32	18 44	3 11	13 11	1 30	17 49	1 10	22 48	0 4	17 44	0 44	4 46	2 11	22 52	0 7	15 21	0 35	21 50	1 42	23 17	23 13	10 19	17 34	5 25
M 8	13 11	21 34	2 8	12 24	1 23	17 28	1 11	22 53	0 3	17 40	0 44	4 43	2 11	22 52	0 7	15 20	0 35	21 50	1 42	23 17	23 13	10 21	17 33	5 25
T 9	12 51	23 4	0 59	11 36	1 16	17 7	1 12	22 57	0 3	17 36	0 44	4 40	2 11	22 52	0 7	15 19	0 35	21 50	1 42	23 17	23 13	10 24	17 33	5 26
W10	12 30	23 12	0s13	10 46	1 8	16 45	1 13	23 2	0 2	17 32	0 44	4 37	2 11	22 52	0 7	15 19	0 35	21 50	1 42	23 17	23 12	10 26	17 32	5 26
T 11	12 10	22 1	1 22	9 56	1 0	16 23	1 15	23 6	0 1	17 28	0 45	4 34	2 11	22 52	0 7	15 18	0 35	21 50	1 42	23 17	23 12	10 28	17 31	5 26
F 12	11 49	19 41	2 25	9 4	0 51	16 0	1 16	23 11	0s 0	17 24	0 45	4 32	2 11	22 52	0 7	15 17	0 35	21 50	1 42	23 17	23 12	10 30	17 30	5 27
S 13	11 28	16 25	3 21	8 12	0 41	15 37	1 17	23 15	0 1	17 20	0 45	4 29	2 11	22 52	0 7	15 17	0 35	21 50	1 42	23 16	23 12	10 33	17 30	5 27
S 14	11 6	12 26	4 5	7 19	0 31	15 14	1 18	23 18	0 2	17 16	0 45	4 26	2 11	22 52	0 7	15 16	0 35	21 50	1 42	23 16	23 11	10 35	17 29	5 27
M15	10 45	8 0	4 37	6 26	0 20	14 50	1 19	23 22	0 3	17 12	0 45	4 23	2 10	22 52	0 7	15 15	0 36	21 50	1 42	23 15	23 11	10 37	17 28	5 28
T 16	10 23	3 17	4 56	5 33	0 9	14 26	1 20	23 25	0 4	17 8	0 45	4 20	2 10	22 52	0 7	15 14	0 36	21 50	1 42	23 14	23 11	10 40	17 27	5 28
W17	10 1	1s28	5 1	4 39	0n 3	14 1	1 21	23 29	0 6	17 4	0 45	4 17	2 10	22 52	0 7	15 14	0 36	21 50	1 42	23 13	23 11	10 42	17 27	5 28
T 18	9 39	6 8	4 52	3 47	0 15	13 36	1 21	23 32	0 7	17 0	0 45	4 14	2 10	22 52	0 7	15 13	0 36	21 50	1 42	23 12	23 10	10 44	17 26	5 29
F 19	9 17	10 31	4 31	2 54	0 28	13 10	1 22	23 34	0 8	16 56	0 45	4 11	2 10	22 52	0 7	15 12	0 36	21 50	1 41	23 11	23 10	10 46	17 25	5 29
S 20	8 55	14 29	3 58	2 3	0 41	12 44	1 23	23 37	0 9	16 51	0 46	4 8	2 10	22 52	0 7	15 12	0 36	21 50	1 41	23 10	23 10	10 49	17 24	5 30
S 21	8 32	17 53	3 14	1 13	0 54	12 18	1 23	23 40	0 10	16 47	0 46	4 5	2 10	22 52	0 7	15 11	0 36	21 50	1 41	23 10	23 10	10 51	17 24	5 30
M22	8 10	20 34	2 22	0 25	1 8	11 52	1 24	23 42	0 11	16 43	0 46	4 2	2 10	22 52	0 7	15 10	0 36	21 50	1 41	23 10	23 9	10 53	17 23	5 30
T 23	7 47	22 22	1 24	0n22	1 21	11 25	1 24	23 44	0 12	16 39	0 46	3 59	2 10	22 52	0 7	15 10	0 36	21 50	1 41	23 10	23 9	10 55	17 22	5 31
W24	7 25	23 9	0 20	1 6	1 34	10 58	1 25	23 46	0 13	16 35	0 46	3 56	2 10	22 52	0 7	15 9	0 36	21 50	1 41	23 10	23 9	10 57	17 21	5 31
T 25	7 2	22 47	0n47	1 48	1 47	10 31	1 25	23 48	0 14	16 31	0 46	3 53	2 10	22 52	0 7	15 8	0 36	21 50	1 41	23 10	23 9	11 0	17 21	5 32
F 26	6 39	21 12	1 53	2 27	2 0	10 3	1 25	23 49	0 15	16 27	0 46	3 50	2 10	22 52	0 7	15 8	0 36	21 50	1 41	23 9	23 8	11 2	17 20	5 32
S 27	6 16	18 24	2 55	3 3	2 13	9 35	1 26	23 51	0 17	16 23	0 46	3 47	2 10	22 52	0 7	15 7	0 36	21 50	1 41	23 9	23 8	11 4	17 19	5 32
S 28	5s53	14s29	3n49	3n36	2n25	9s 7	1s26	23s52	0s18	16s19	0s47	3s44	2s10	22n52	0n 7	15s 6	0s36	21s50	1n41	23s 9	23s 8	11s 6	17s18	5n33

Julian Day Number = 2095470.5, Delta T = 22m26s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'05, Lahiri = 10°16'06 Julian Calendar 1 Feb. 1025 == Greg. Calendar 7 Feb. 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

MARCH 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 56 52	16♓ 8'50	23♒10	4♈15	11♓26	1♉ 5	18♒ 2	25♓45	15♊17	21♒ 8	3♉21	19°R19	19♐15	17♎39	14♉ 4	M 1
T 2	11 0 49	17° 8'22	7♓57	4°54	12°40	1°45	18°15	25°52	15°17	21°10	3°22	19♐ 8	19°12	17°46	14° 7	T 2
W 3	11 4 45	18° 7'51	23° 1	5°26	13°55	2°25	18°29	26° 0	15°18	21°12	3°22	18°56	19° 8	17°53	14°11	W 3
T 4	11 8 42	19° 7'19	8♈11	5°50	15° 9	3° 4	18°42	26° 7	15°19	21°14	3°23	18°45	19° 5	17°59	14°14	T 4
F 5	11 12 38	20° 6'44	23°16	6° 6	16°24	3°44	18°55	26°15	15°20	21°16	3°24	18°36	19° 2	18° 6	14°17	F 5
S 6	11 16 35	21° 6'07	8♉ 8	6°14	17°38	4°24	19° 9	26°22	15°21	21°18	3°25	18°29	18°59	18°13	14°20	S 6
S 7	11 20 31	22° 5'27	22°40	6°R15	18°53	5° 4	19°22	26°30	15°22	21°20	3°25	18°25	18°56	18°19	14°23	S 7
M 8	11 24 28	23° 4'46	6♊48	6° 8	20° 8	5°43	19°35	26°37	15°23	21°22	3°26	18°24	18°53	18°26	14°26	M 8
T 9	11 28 24	24° 4'02	20°32	5°55	21°22	6°23	19°48	26°45	15°24	21°24	3°27	18°24	18°49	18°33	14°28	T 9
W10	11 32 21	25° 3'15	3♋54	5°34	22°36	7° 3	20° 1	26°53	15°25	21°26	3°27	18°23	18°46	18°40	14°31	W10
T 11	11 36 18	26° 2'26	16°56	5° 7	23°51	7°43	20°14	27° 0	15°26	21°28	3°28	18°22	18°43	18°46	14°34	T 11
F 12	11 40 14	27° 1'35	29°42	4°35	25° 5	8°22	20°27	27° 8	15°27	21°30	3°28	18°19	18°40	18°53	14°37	F 12
S 13	11 44 11	28° 0'41	12♌15	3°58	26°20	9° 2	20°40	27°15	15°29	21°32	3°29	18°12	18°37	19° 0	14°39	S 13
S 14	11 48 7	28°59'45	24°36	3°17	27°34	9°41	20°53	27°23	15°30	21°34	3°30	18° 3	18°33	19° 6	14°42	S 14
M15	11 52 4	29°58'47	6♍49	2°33	28°49	10°21	21° 6	27°30	15°31	21°36	3°30	17°51	18°30	19°13	14°44	M15
T 16	11 56 0	0♈57'47	18°55	1°47	0♈ 3	11° 1	21°18	27°38	15°33	21°38	3°30	17°38	18°27	19°20	14°46	T 16
W17	11 59 57	1°56'44	0♎55	1° 0	1°17	11°40	21°31	27°46	15°34	21°40	3°31	17°24	18°24	19°27	14°49	W17
T 18	12 3 53	2°55'39	12°50	0°12	2°32	12°20	21°43	27°53	15°36	21°42	3°31	17°11	18°21	19°33	14°51	T 18
F 19	12 7 50	3°54'32	24°42	29♓25	3°46	12°59	21°56	28° 1	15°38	21°43	3°32	17° 0	18°18	19°40	14°53	F 19
S 20	12 11 47	4°53'24	6♏32	28°39	5° 0	13°39	22° 8	28° 8	15°39	21°45	3°32	16°51	18°14	19°47	14°55	S 20
S 21	12 15 43	5°52'13	18°23	27°56	6°15	14°18	22°21	28°16	15°41	21°47	3°32	16°45	18°11	19°53	14°57	S 21
M22	12 19 40	6°51'01	0♐18	27°16	7°29	14°58	22°33	28°23	15°43	21°49	3°32	16°41	18° 8	20° 0	14°59	M22
T 23	12 23 36	7°49'47	12°20	26°39	8°43	15°37	22°45	28°31	15°44	21°51	3°33	16°D40	18° 5	20° 7	15° 1	T 23
W24	12 27 33	8°48'31	24°34	26° 6	9°57	16°16	22°57	28°38	15°46	21°52	3°33	16°40	18° 2	20°13	15° 3	W24
T 25	12 31 29	9°47'13	7♑ 6	25°38	11°12	16°56	23° 9	28°46	15°48	21°54	3°33	16°R40	17°59	20°20	15° 4	T 25
F 26	12 35 26	10°45'54	19°59	25°14	12°26	17°35	23°21	28°53	15°50	21°56	3°33	16°40	17°55	20°27	15° 6	F 26
S 27	12 39 22	11°44'33	3♒19	24°56	13°40	18°14	23°33	29° 1	15°52	21°57	3°33	16°38	17°52	20°34	15° 8	S 27
S 28	12 43 19	12°43'10	17° 7	24°42	14°54	18°54	23°45	29° 8	15°54	21°59	3°33	16°34	17°49	20°40	15° 9	S 28
M29	12 47 15	13°41'45	1♓25	24°34	16° 8	19°33	23°57	29°15	15°56	22° 0	3°33	16°27	17°46	20°47	15°11	M29
T 30	12 51 12	14°40'19	16°10	24°D31	17°23	20°12	24° 8	29°23	15°58	22° 2	3°R34	16°19	17°43	20°54	15°12	T 30
W31	12 55 9	15♈38'51	1♈16	24♓33	18♈37	20♉51	24♒20	29♓30	16♊ 0	22♒ 4	3♉34	16♐10	17♐39	21♎ 0	15♉13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s30	9s37	4n30	4n 5	2n36	8s38	1s26	23s53	0s19	16s15	0s47	3s41	2s10	22n52	0n 7	15s 6	0s36	21s50	1n41	23s 8	23s 8	11s 9	17s18	5n33
T 2	5 6	4 4	4 55	4 30	2 46	8 10	1 26	23 53	0 20	16 11	0 47	3 38	2 10	22 52	0 7	15 5	0 36	21 50	1 41	23 7	23 7	11 11	17 17	5 34
W 3	4 43	1n48	4 59	4 52	2 56	7 41	1 26	23 54	0 21	16 7	0 47	3 35	2 10	22 52	0 7	15 4	0 36	21 50	1 41	23 6	23 7	11 13	17 16	5 34
T 4	4 20	7 36	4 43	5 9	3 5	7 12	1 26	23 54	0 23	16 3	0 47	3 32	2 10	22 52	0 7	15 4	0 36	21 50	1 41	23 5	23 7	11 15	17 15	5 35
F 5	3 56	12 55	4 8	5 22	3 12	6 43	1 26	23 55	0 24	15 59	0 47	3 29	2 10	22 53	0 7	15 3	0 36	21 51	1 41	23 4	23 7	11 17	17 15	5 35
S 6	3 33	17 22	3 15	5 31	3 18	6 13	1 25	23 55	0 25	15 55	0 47	3 26	2 10	22 53	0 7	15 2	0 36	21 51	1 41	23 4	23 6	11 20	17 14	5 35
S 7	3 9	20 39	2 11	5 36	3 23	5 44	1 25	23 54	0 26	15 51	0 48	3 23	2 10	22 53	0 7	15 2	0 36	21 51	1 41	23 3	23 6	11 22	17 13	5 36
M 8	2 46	22 34	1 1	5 36	3 26	5 14	1 25	23 54	0 28	15 47	0 48	3 20	2 10	22 53	0 7	15 1	0 36	21 51	1 41	23 3	23 6	11 24	17 12	5 36
T 9	2 22	23 2	0s11	5 33	3 28	4 44	1 24	23 54	0 29	15 43	0 48	3 17	2 10	22 53	0 7	15 0	0 36	21 51	1 41	23 3	23 6	11 26	17 12	5 37
W10	1 59	22 9	1 21	5 25	3 28	4 14	1 24	23 53	0 30	15 39	0 48	3 14	2 10	22 53	0 7	15 0	0 36	21 51	1 41	23 3	23 5	11 28	17 11	5 37
T 11	1 35	20 6	2 25	5 13	3 27	3 44	1 23	23 52	0 32	15 35	0 48	3 11	2 10	22 53	0 7	14 59	0 36	21 51	1 41	23 3	23 5	11 30	17 10	5 38
F 12	1 11	17 4	3 20	4 57	3 24	3 14	1 23	23 51	0 33	15 31	0 48	3 8	2 10	22 53	0 7	14 59	0 36	21 51	1 40	23 3	23 5	11 33	17 9	5 38
S 13	0 48	13 19	4 4	4 38	3 19	2 43	1 22	23 50	0 34	15 27	0 48	3 5	2 10	22 54	0 7	14 58	0 36	21 51	1 40	23 2	23 4	11 35	17 9	5 39
S 14	0 24	9 3	4 36	4 15	3 12	2 13	1 21	23 48	0 36	15 23	0 49	3 2	2 10	22 54	0 7	14 57	0 36	21 51	1 40	23 1	23 4	11 37	17 8	5 39
M15	0 0	4 29	4 55	3 50	3 4	1 42	1 21	23 46	0 37	15 19	0 49	2 59	2 10	22 54	0 7	14 57	0 36	21 51	1 40	23 0	23 4	11 39	17 7	5 40
T 16	0n23	0s12	5 0	3 23	2 54	1 12	1 20	23 45	0 38	15 15	0 49	2 56	2 10	22 54	0 7	14 56	0 36	21 51	1 40	22 59	23 4	11 41	17 7	5 40
W17	0 47	4 50	4 52	2 54	2 43	0 41	1 19	23 43	0 40	15 11	0 49	2 53	2 10	22 54	0 7	14 56	0 36	21 51	1 40	22 58	23 3	11 43	17 6	5 40
T 18	1 10	9 15	4 31	2 23	2 31	0 11	1 18	23 40	0 41	15 7	0 49	2 50	2 10	22 54	0 7	14 55	0 36	21 51	1 40	22 57	23 3	11 46	17 5	5 41
F 19	1 34	13 19	3 59	1 52	2 17	0n20	1 17	23 38	0 43	15 3	0 49	2 47	2 10	22 55	0 7	14 54	0 36	21 51	1 40	22 56	23 3	11 48	17 4	5 41
S 20	1 57	16 51	3 16	1 20	2 3	0 50	1 16	23 36	0 44	14 59	0 50	2 44	2 10	22 55	0 7	14 54	0 36	21 51	1 40	22 55	23 3	11 50	17 4	5 42
S 21	2 21	19 42	2 24	0 49	1 48	1 21	1 15	23 33	0 46	14 55	0 50	2 41	2 10	22 55	0 7	14 53	0 36	21 51	1 40	22 54	23 2	11 52	17 3	5 42
M22	2 44	21 43	1 26	0 19	1 32	1 52	1 14	23 30	0 47	14 51	0 50	2 38	2 10	22 55	0 7	14 53	0 36	21 51	1 40	22 54	23 2	11 54	17 2	5 43
T 23	3 7	22 46	0 23	0s11	1 16	2 22	1 12	23 27	0 49	14 48	0 50	2 35	2 10	22 55	0 7	14 52	0 36	21 51	1 40	22 54	23 2	11 56	17 2	5 43
W24	3 31	22 45	0n42	0 39	0 59	2 53	1 11	23 24	0 50	14 44	0 50	2 32	2 10	22 55	0 8	14 52	0 36	21 51	1 40	22 54	23 1	11 58	17 1	5 44
T 25	3 54	21 36	1 47	1 5	0 43	3 23	1 10	23 20	0 52	14 40	0 51	2 29	2 11	22 56	0 8	14 51	0 36	21 51	1 40	22 54	23 1	12 1	17 0	5 44
F 26	4 17	19 18	2 48	1 29	0 27	3 53	1 8	23 17	0 53	14 36	0 51	2 26	2 11	22 56	0 8	14 51	0 36	21 51	1 40	22 54	23 1	12 3	17 0	5 45
S 27	4 40	15 55	3 42	1 52	0 11	4 24	1 7	23 13	0 55	14 32	0 51	2 24	2 11	22 56	0 8	14 50	0 36	21 51	1 40	22 53	23 1	12 5	16 59	5 45
S 28	5 3	11 34	4 25	2 11	0s 5	4 54	1 5	23 9	0 56	14 29	0 51	2 21	2 11	22 56	0 8	14 50	0 36	21 51	1 40	22 53	23 0	12 7	16 58	5 46
M29	5 26	6 27	4 54	2 28	0 20	5 24	1 4	23 5	0 58	14 25	0 51	2 18	2 11	22 57	0 8	14 49	0 36	21 51	1 40	22 52	23 0	12 9	16 58	5 46
T 30	5 49	0 49	5 4	2 43	0 35	5 54	1 2	23 1	0 59	14 21	0 51	2 15	2 11	22 57	0 8	14 49	0 36	21 51	1 40	22 51	23 0	12 11	16 57	5 47
W31	6n11	4n59	4n54	2s55	0s49	6n24	1s 0	22s57	1s 1	14s18	0s52	2s12	2s11	22n57	0n 8	14s48	0s36	21s51	1n40	22s51	22s59	12s13	16s56	5n47

Julian Day Number = 2095498.5, Delta T = 22m26s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'09, Lahiri = 10°16'10 Julian Calendar 1 March 1025 == Greg. Calendar 7 March 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

APRIL 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 59 5	16♈37'20	16♈32	24♓40	19♈51	21♉30	24♒31	29♓38	16♊ 2	22♒ 5	3°R33	16°R 1	17♐36	21♎ 7	15♑14	T 1
F 2	13 3 2	17°35'48	1♉49	24°52	21° 5	22° 9	24°43	29°45	16° 5	22° 7	3♑33	15♐53	17°33	21°14	15°15	F 2
S 3	13 6 58	18°34'15	16°55	25° 9	22°19	22°48	24°54	29°52	16° 7	22° 8	3°33	15°48	17°30	21°20	15°17	S 3
S 4	13 10 55	19°32'39	1♊41	25°30	23°33	23°27	25° 5	29°59	16° 9	22° 9	3°33	15°45	17°27	21°27	15°17	S 4
M 5	13 14 51	20°31'01	16° 3	25°56	24°47	24° 6	25°16	0♈ 7	16°11	22°11	3°33	15°D44	17°24	21°34	15°18	M 5
T 6	13 18 48	21°29'21	29°58	26°26	26° 1	24°45	25°27	0°14	16°14	22°12	3°33	15°45	17°20	21°41	15°19	T 6
W 7	13 22 44	22°27'38	13♋26	27° 0	27°15	25°24	25°38	0°21	16°16	22°14	3°33	15°46	17°17	21°47	15°20	W 7
T 8	13 26 41	23°25'54	26°30	27°38	28°29	26° 2	25°49	0°29	16°19	22°15	3°32	15°R46	17°14	21°54	15°21	T 8
F 9	13 30 38	24°24'07	9♌14	28°20	29°43	26°41	25°59	0°36	16°21	22°16	3°32	15°45	17°11	22° 1	15°21	F 9
S 10	13 34 34	25°22'19	21°41	29° 6	0♉57	27°20	26°10	0°43	16°24	22°17	3°32	15°41	17° 8	22° 7	15°22	S 10
S 11	13 38 31	26°20'28	3♍55	29°54	2°11	27°58	26°20	0°50	16°26	22°19	3°31	15°36	17° 5	22°14	15°22	S 11
M12	13 42 27	27°18'35	15°59	0♈47	3°25	28°37	26°31	0°57	16°29	22°20	3°31	15°29	17° 1	22°21	15°22	M12
T 13	13 46 24	28°16'40	27°57	1°42	4°39	29°15	26°41	1° 4	16°31	22°21	3°31	15°21	16°58	22°27	15°23	T 13
W14	13 50 20	29°14'44	9♎51	2°41	5°53	29°53	26°51	1°11	16°34	22°22	3°30	15°12	16°55	22°34	15°23	W14
T 15	13 54 17	0♉12'46	21°42	3°42	7° 7	0♒32	27° 1	1°18	16°37	22°23	3°30	15° 3	16°52	22°41	15°23	T 15
F 16	13 58 13	1°10'46	3♏33	4°47	8°21	1°10	27°11	1°25	16°40	22°25	3°29	14°56	16°49	22°48	15°R23	F 16
S 17	14 2 10	2° 8'44	15°25	5°54	9°35	1°48	27°21	1°32	16°42	22°26	3°29	14°50	16°45	22°54	15°23	S 17
S 18	14 6 7	3° 6'41	27°21	7° 3	10°48	2°26	27°30	1°39	16°45	22°27	3°28	14°47	16°42	23° 1	15°23	S 18
M19	14 10 3	4° 4'36	9♐21	8°16	12° 2	3° 4	27°40	1°46	16°48	22°28	3°28	14°D45	16°39	23° 8	15°23	M19
T 20	14 14 0	5° 2'30	21°30	9°31	13°16	3°42	27°50	1°52	16°51	22°29	3°27	14°45	16°36	23°14	15°22	T 20
W21	14 17 56	6° 0'23	3♑50	10°48	14°30	4°20	27°59	1°59	16°54	22°30	3°27	14°46	16°33	23°21	15°22	W21
T 22	14 21 53	6°58'14	16°26	12° 8	15°44	4°58	28° 8	2° 6	16°57	22°31	3°26	14°48	16°30	23°28	15°22	T 22
F 23	14 25 49	7°56'04	29°20	13°30	16°57	5°35	28°17	2°12	17° 0	22°31	3°25	14°49	16°26	23°34	15°21	F 23
S 24	14 29 46	8°53'52	12♒36	14°54	18°11	6°13	28°26	2°19	17° 3	22°32	3°25	14°R49	16°23	23°41	15°21	S 24
S 25	14 33 42	9°51'40	26°17	16°21	19°25	6°51	28°35	2°26	17° 6	22°33	3°24	14°48	16°20	23°48	15°20	S 25
M26	14 37 39	10°49'26	10♓25	17°50	20°39	7°28	28°44	2°32	17° 9	22°34	3°23	14°46	16°17	23°54	15°19	M26
T 27	14 41 36	11°47'11	24°57	19°21	21°52	8° 5	28°52	2°39	17°12	22°35	3°22	14°42	16°14	24° 1	15°19	T 27
W28	14 45 32	12°44'55	9♈49	20°55	23° 6	8°42	29° 1	2°45	17°15	22°35	3°22	14°38	16°10	24° 8	15°18	W28
T 29	14 49 29	13°42'38	24°55	22°30	24°20	9°20	29° 9	2°51	17°18	22°36	3°21	14°33	16° 7	24°15	15°17	T 29
F 30	14 53 25	14♉40'19	10♉ 6	24♈ 8	25♉33	9♒57	29♒17	2♈58	17♊21	22♒37	3♑20	14♐30	16♐ 4	24♎21	15♑16	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n34	10n34	4n22	3s 5	1s 2	6n54	0s59	22s52	1s 3	14s14	0s52	2s 9	2s11	22n57	0n 8	14s48	0s36	21s51	1n40	22s50	22s59	12s15	16s56	5n48
F 2	6 57	15 29	3 32	3 11	1 15	7 23	0 57	22 47	1 4	14 10	0 52	2 6	2 11	22 57	0 8	14 47	0 36	21 52	1 40	22 49	22 59	12 17	16 55	5 48
S 3	7 19	19 20	2 28	3 16	1 27	7 53	0 55	22 43	1 6	14 7	0 52	2 3	2 11	22 58	0 8	14 47	0 37	21 52	1 39	22 48	22 58	12 19	16 54	5 49
S 4	7 41	21 50	1 15	3 18	1 38	8 22	0 53	22 38	1 8	14 3	0 52	2 1	2 11	22 58	0 8	14 46	0 37	21 52	1 39	22 48	22 58	12 22	16 54	5 49
M 5	8 3	22 48	0s 2	3 17	1 48	8 51	0 52	22 32	1 9	13 59	0 53	1 58	2 11	22 58	0 8	14 46	0 37	21 52	1 39	22 48	22 58	12 24	16 53	5 50
T 6	8 25	22 18	1 16	3 14	1 58	9 20	0 50	22 27	1 11	13 56	0 53	1 55	2 11	22 58	0 8	14 46	0 37	21 52	1 39	22 48	22 58	12 26	16 53	5 50
W 7	8 47	20 31	2 23	3 9	2 7	9 48	0 48	22 22	1 13	13 52	0 53	1 52	2 12	22 59	0 8	14 45	0 37	21 52	1 39	22 48	22 57	12 28	16 52	5 51
T 8	9 9	17 40	3 21	3 1	2 16	10 17	0 46	22 16	1 14	13 49	0 53	1 49	2 12	22 59	0 8	14 45	0 37	21 52	1 39	22 48	22 57	12 30	16 52	5 51
F 9	9 30	14 4	4 7	2 51	2 23	10 45	0 44	22 11	1 16	13 46	0 53	1 47	2 12	22 59	0 8	14 44	0 37	21 52	1 39	22 48	22 57	12 32	16 51	5 52
S 10	9 52	9 55	4 41	2 39	2 30	11 13	0 42	22 5	1 18	13 42	0 54	1 44	2 12	22 59	0 8	14 44	0 37	21 52	1 39	22 48	22 56	12 34	16 50	5 52
S 11	10 13	5 27	5 1	2 25	2 36	11 41	0 40	21 59	1 20	13 39	0 54	1 41	2 12	23 0	0 8	14 44	0 37	21 52	1 39	22 47	22 56	12 36	16 50	5 53
M12	10 34	0 50	5 7	2 9	2 41	12 8	0 37	21 53	1 22	13 35	0 54	1 38	2 12	23 0	0 8	14 43	0 37	21 52	1 39	22 46	22 56	12 38	16 49	5 53
T 13	10 55	3s46	5 0	1 51	2 46	12 35	0 35	21 46	1 23	13 32	0 54	1 36	2 12	23 0	0 8	14 43	0 37	21 52	1 39	22 45	22 55	12 40	16 49	5 54
W14	11 16	8 12	4 40	1 31	2 50	13 2	0 33	21 40	1 25	13 29	0 54	1 33	2 12	23 1	0 8	14 42	0 37	21 52	1 39	22 44	22 55	12 42	16 48	5 54
T 15	11 36	12 19	4 7	1 10	2 53	13 28	0 31	21 34	1 27	13 26	0 55	1 30	2 12	23 1	0 8	14 42	0 37	21 52	1 39	22 43	22 55	12 44	16 48	5 55
F 16	11 57	15 58	3 24	0 47	2 56	13 55	0 29	21 27	1 29	13 22	0 55	1 28	2 13	23 1	0 8	14 42	0 37	21 52	1 39	22 43	22 54	12 46	16 47	5 55
S 17	12 17	18 58	2 32	0 22	2 57	14 20	0 26	21 20	1 31	13 19	0 55	1 25	2 13	23 1	0 8	14 41	0 37	21 52	1 39	22 42	22 54	12 48	16 47	5 56
S 18	12 37	21 11	1 33	0n 5	2 59	14 46	0 24	21 13	1 33	13 16	0 55	1 22	2 13	23 2	0 8	14 41	0 37	21 52	1 39	22 41	22 54	12 50	16 46	5 56
M19	12 57	22 27	0 29	0 33	2 59	15 11	0 22	21 7	1 35	13 13	0 56	1 20	2 13	23 2	0 8	14 41	0 37	21 53	1 39	22 41	22 53	12 52	16 46	5 57
T 20	13 16	22 41	0n37	1 3	2 59	15 36	0 19	20 59	1 37	13 10	0 56	1 17	2 13	23 2	0 8	14 41	0 37	21 53	1 39	22 41	22 53	12 54	16 45	5 57
W21	13 36	21 49	1 42	1 34	2 58	16 0	0 17	20 52	1 39	13 7	0 56	1 15	2 13	23 3	0 8	14 40	0 37	21 53	1 39	22 41	22 53	12 57	16 45	5 58
T 22	13 55	19 50	2 44	2 6	2 57	16 24	0 15	20 45	1 41	13 4	0 56	1 12	2 13	23 3	0 8	14 40	0 37	21 53	1 39	22 42	22 53	12 59	16 44	5 58
F 23	14 14	16 50	3 39	2 40	2 55	16 47	0 12	20 38	1 42	13 1	0 57	1 10	2 14	23 3	0 8	14 40	0 37	21 53	1 38	22 42	22 52	13 1	16 44	5 59
S 24	14 32	12 53	4 24	3 15	2 52	17 11	0 10	20 30	1 44	12 58	0 57	1 7	2 14	23 3	0 8	14 40	0 37	21 53	1 38	22 42	22 52	13 3	16 44	5 59
S 25	14 51	8 11	4 56	3 51	2 49	17 33	0 8	20 23	1 47	12 55	0 57	1 5	2 14	23 4	0 8	14 39	0 37	21 53	1 38	22 42	22 52	13 5	16 43	6 0
M26	15 9	2 54	5 11	4 29	2 46	17 55	0 5	20 15	1 49	12 52	0 57	1 2	2 14	23 4	0 8	14 39	0 37	21 53	1 38	22 41	22 51	13 7	16 43	6 0
T 27	15 27	2n41	5 7	5 8	2 41	18 17	0 3	20 7	1 51	12 50	0 57	1 0	2 14	23 4	0 8	14 39	0 37	21 53	1 38	22 41	22 51	13 9	16 42	6 1
W28	15 45	8 14	4 43	5 47	2 36	18 38	0 0	19 59	1 53	12 47	0 58	0 57	2 14	23 5	0 8	14 39	0 37	21 53	1 38	22 40	22 51	13 11	16 42	6 1
T 29	16 2	13 23	3 58	6 28	2 31	18 59	0n 2	19 51	1 55	12 44	0 58	0 55	2 14	23 5	0 8	14 38	0 37	21 53	1 38	22 40	22 50	13 13	16 42	6 2
F 30	16n19	17n43	2n57	7n10	2s25	19n19	0n 5	19s43	1s57	12s41	0s58	0s52	2s15	23n 5	0n 8	14s38	0s37	21s53	1n38	22s39	22s50	13s15	16s41	6n 2

Julian Day Number = 2095529.5, Delta T = 22m25s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'13, Lahiri = 10°16'14 Julian Calendar 1 Apr. 1025 == Greg. Calendar 7 Apr. 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

MAY 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 57 22	15♉37'59	25♉11	25♈48	26♉47	10♒33	29♒25	3♈ 4	17♊24	22♒37	3°R19	14°R27	16♐ 1	24♎28	15°R15	S 1
S 2	15 1 18	16°35'38	10♊ 2	27°30	28° 1	11°10	29°33	3°10	17°27	22°38	3♑18	14°D26	15°58	24°35	15♑14	S 2
M 3	15 5 15	17°33'16	24°31	29°15	29°14	11°47	29°41	3°16	17°30	22°39	3°17	14♐26	15°55	24°41	15°12	M 3
T 4	15 9 11	18°30'52	8♋34	1♉ 2	0♊28	12°23	29°48	3°22	17°34	22°39	3°16	14°27	15°51	24°48	15°11	T 4
W 5	15 13 8	19°28'26	22°11	2°50	1°42	13° 0	29°56	3°29	17°37	22°40	3°15	14°29	15°48	24°55	15°10	W 5
T 6	15 17 5	20°25'59	5♌22	4°41	2°55	13°36	0♓ 3	3°35	17°40	22°40	3°14	14°30	15°45	25° 1	15° 8	T 6
F 7	15 21 1	21°23'31	18° 9	6°34	4° 9	14°12	0°10	3°40	17°44	22°41	3°13	14°R31	15°42	25° 8	15° 7	F 7
S 8	15 24 58	22°21'01	0♍37	8°30	5°22	14°48	0°17	3°46	17°47	22°41	3°12	14°31	15°39	25°15	15° 5	S 8
S 9	15 28 54	23°18'30	12°50	10°27	6°36	15°24	0°24	3°52	17°50	22°41	3°11	14°29	15°36	25°21	15° 4	S 9
M10	15 32 51	24°15'57	24°52	12°26	7°49	16° 0	0°31	3°58	17°54	22°42	3°10	14°27	15°32	25°28	15° 2	M10
T 11	15 36 47	25°13'23	6♎46	14°28	9° 3	16°35	0°38	4° 4	17°57	22°42	3° 9	14°25	15°29	25°35	15° 0	T 11
W12	15 40 44	26°10'48	18°37	16°31	10°16	17°11	0°44	4° 9	18° 0	22°42	3° 8	14°22	15°26	25°42	14°58	W12
T 13	15 44 40	27° 8'12	0♏28	18°36	11°30	17°46	0°50	4°15	18° 4	22°43	3° 7	14°19	15°23	25°48	14°56	T 13
F 14	15 48 37	28° 5'35	12°21	20°42	12°43	18°21	0°56	4°20	18° 7	22°43	3° 6	14°17	15°20	25°55	14°55	F 14
S 15	15 52 34	29° 2'56	24°18	22°50	13°57	18°56	1° 2	4°26	18°11	22°43	3° 5	14°15	15°16	26° 2	14°53	S 15
S 16	15 56 30	0♊ 0'17	6♐21	25° 0	15°10	19°31	1° 8	4°31	18°14	22°43	3° 4	14°14	15°13	26° 8	14°50	S 16
M17	16 0 27	0°57'37	18°33	27°10	16°24	20° 6	1°14	4°36	18°17	22°43	3° 2	14°D14	15°10	26°15	14°48	M17
T 18	16 4 23	1°54'56	0♑55	29°21	17°37	20°40	1°19	4°42	18°21	22°43	3° 1	14°15	15° 7	26°22	14°46	T 18
W19	16 8 20	2°52'15	13°29	1♊33	18°50	21°14	1°25	4°47	18°24	22°43	3° 0	14°16	15° 4	26°28	14°44	W19
T 20	16 12 16	3°49'33	26°16	3°45	20° 4	21°49	1°30	4°52	18°28	22°R43	2°59	14°17	15° 1	26°35	14°42	T 20
F 21	16 16 13	4°46'50	9♒20	5°57	21°17	22°22	1°35	4°57	18°31	22°43	2°57	14°17	14°57	26°42	14°39	F 21
S 22	16 20 9	5°44'07	22°41	8° 8	22°30	22°56	1°39	5° 2	18°35	22°43	2°56	14°18	14°54	26°48	14°37	S 22
S 23	16 24 6	6°41'23	6♓20	10°19	23°44	23°30	1°44	5° 7	18°38	22°43	2°55	14°R18	14°51	26°55	14°34	S 23
M24	16 28 3	7°38'39	20°20	12°30	24°57	24° 3	1°49	5°12	18°42	22°43	2°54	14°18	14°48	27° 2	14°32	M24
T 25	16 31 59	8°35'55	4♈37	14°39	26°10	24°36	1°53	5°16	18°46	22°43	2°52	14°18	14°45	27° 9	14°29	T 25
W26	16 35 56	9°33'10	19°11	16°47	27°24	25° 9	1°57	5°21	18°49	22°43	2°51	14°17	14°42	27°15	14°27	W26
T 27	16 39 52	10°30'25	3♉57	18°54	28°37	25°42	2° 1	5°26	18°53	22°43	2°50	14°17	14°38	27°22	14°24	T 27
F 28	16 43 49	11°27'40	18°48	20°59	29°50	26°14	2° 5	5°30	18°56	22°42	2°48	14°16	14°35	27°29	14°21	F 28
S 29	16 47 45	12°24'55	3♊37	23° 2	1♋ 3	26°46	2° 8	5°35	19° 0	22°42	2°47	14°16	14°32	27°35	14°18	S 29
S 30	16 51 42	13°22'09	18°16	25° 3	2°17	27°18	2°12	5°39	19° 3	22°42	2°46	14°D16	14°29	27°42	14°16	S 30
M31	16 55 38	14♊19'22	2♋40	27♊ 3	3♋30	27♒50	2♓15	5♈43	19♊ 7	22♒42	2♑44	14°R16	14♐26	27♎49	14♑13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n36	20n50	1n44	7n52	2s19	19n39	0n 7	19s35	1s59	12s39	0s58	0s50	2s15	23n 6	0n 8	14s38	0s37	21s53	1n38	22s39	22s50	13s17	16s41	6n 3
S 2	16 53	22 28	0 24	8 35	2 12	19 59	0 9	19 27	2 1	12 36	0 59	0 48	2 15	23 6	0 8	14 38	0 37	21 54	1 38	22 39	22 49	13 19	16 41	6 3
M 3	17 9	22 32	0s55	9 20	2 4	20 17	0 12	19 19	2 3	12 34	0 59	0 45	2 15	23 6	0 8	14 38	0 37	21 54	1 38	22 39	22 49	13 21	16 40	6 4
T 4	17 26	21 9	2 9	10 4	1 56	20 35	0 14	19 11	2 6	12 31	0 59	0 43	2 15	23 6	0 8	14 38	0 37	21 54	1 38	22 39	22 49	13 22	16 40	6 4
W 5	17 41	18 33	3 13	10 50	1 48	20 53	0 17	19 2	2 8	12 29	1 0	0 41	2 16	23 7	0 8	14 37	0 37	21 54	1 38	22 39	22 48	13 24	16 40	6 5
T 6	17 57	15 5	4 4	11 36	1 39	21 10	0 19	18 54	2 10	12 27	1 0	0 39	2 16	23 7	0 8	14 37	0 38	21 54	1 38	22 40	22 48	13 26	16 39	6 5
F 7	18 12	10 59	4 42	12 22	1 30	21 26	0 22	18 46	2 12	12 24	1 0	0 37	2 16	23 7	0 8	14 37	0 38	21 54	1 38	22 40	22 48	13 28	16 39	6 5
S 8	18 27	6 33	5 6	13 8	1 21	21 42	0 24	18 37	2 14	12 22	1 0	0 34	2 16	23 8	0 8	14 37	0 38	21 54	1 38	22 40	22 47	13 30	16 39	6 6
S 9	18 42	1 56	5 15	13 55	1 11	21 58	0 26	18 29	2 17	12 20	1 1	0 32	2 16	23 8	0 8	14 37	0 38	21 54	1 37	22 39	22 47	13 32	16 38	6 6
M10	18 56	2s41	5 10	14 41	1 1	22 12	0 29	18 20	2 19	12 18	1 1	0 30	2 16	23 8	0 8	14 37	0 38	21 54	1 37	22 39	22 47	13 34	16 38	6 7
T 11	19 10	7 9	4 51	15 28	0 50	22 26	0 31	18 11	2 21	12 16	1 1	0 28	2 17	23 9	0 8	14 37	0 38	21 54	1 37	22 39	22 46	13 36	16 38	6 7
W12	19 24	11 21	4 21	16 13	0 40	22 40	0 34	18 3	2 24	12 14	1 1	0 26	2 17	23 9	0 8	14 37	0 38	21 54	1 37	22 39	22 46	13 38	16 38	6 8
T 13	19 37	15 6	3 39	16 59	0 29	22 52	0 36	17 54	2 26	12 12	1 2	0 24	2 17	23 9	0 8	14 37	0 38	21 54	1 37	22 38	22 45	13 40	16 37	6 8
F 14	19 50	18 16	2 47	17 44	0 18	23 4	0 38	17 45	2 28	12 10	1 2	0 22	2 17	23 10	0 8	14 37	0 38	21 55	1 37	22 38	22 45	13 42	16 37	6 8
S 15	20 3	20 41	1 48	18 27	0 8	23 16	0 41	17 37	2 31	12 8	1 2	0 20	2 17	23 10	0 8	14 37	0 38	21 55	1 37	22 38	22 45	13 44	16 37	6 9
S 16	20 15	22 12	0 43	19 10	0n 3	23 27	0 43	17 28	2 33	12 6	1 2	0 18	2 18	23 10	0 8	14 37	0 38	21 55	1 37	22 38	22 44	13 46	16 37	6 9
M17	20 28	22 40	0n24	19 51	0 14	23 37	0 45	17 19	2 35	12 4	1 3	0 16	2 18	23 10	0 8	14 37	0 38	21 55	1 37	22 38	22 44	13 48	16 37	6 10
T 18	20 39	22 3	1 31	20 30	0 24	23 46	0 47	17 10	2 38	12 3	1 3	0 14	2 18	23 11	0 8	14 37	0 38	21 55	1 37	22 38	22 44	13 50	16 37	6 10
W19	20 51	20 18	2 35	21 8	0 34	23 55	0 50	17 1	2 40	12 1	1 3	0 12	2 18	23 11	0 8	14 37	0 38	21 55	1 37	22 38	22 43	13 52	16 36	6 10
T 20	21 2	17 32	3 32	21 44	0 44	24 3	0 52	16 53	2 43	11 59	1 4	0 10	2 19	23 11	0 8	14 37	0 38	21 55	1 37	22 38	22 43	13 54	16 36	6 11
F 21	21 12	13 50	4 20	22 17	0 53	24 10	0 54	16 44	2 45	11 58	1 4	0 9	2 19	23 12	0 8	14 37	0 38	21 55	1 37	22 38	22 43	13 56	16 36	6 11
S 22	21 23	9 23	4 55	22 48	1 2	24 17	0 56	16 35	2 48	11 56	1 4	0 7	2 19	23 12	0 8	14 37	0 38	21 55	1 37	22 38	22 42	13 57	16 36	6 12
S 23	21 32	4 22	5 14	23 17	1 11	24 23	0 58	16 26	2 50	11 55	1 4	0 5	2 19	23 12	0 8	14 37	0 38	21 55	1 36	22 38	22 42	13 59	16 36	6 12
M24	21 42	0n59	5 15	23 43	1 19	24 28	1 0	16 17	2 53	11 54	1 5	0 3	2 19	23 13	0 8	14 37	0 38	21 56	1 36	22 38	22 42	14 1	16 36	6 12
T 25	21 51	6 24	4 57	24 6	1 26	24 33	1 2	16 9	2 55	11 52	1 5	0 2	2 20	23 13	0 8	14 37	0 38	21 56	1 36	22 38	22 41	14 3	16 36	6 13
W26	22 0	11 34	4 20	24 26	1 32	24 36	1 4	16 0	2 58	11 51	1 5	0 0	2 20	23 13	0 8	14 37	0 38	21 56	1 36	22 38	22 41	14 5	16 36	6 13
T 27	22 8	16 7	3 26	24 44	1 38	24 39	1 6	15 51	3 1	11 50	1 6	0n 2	2 20	23 14	0 8	14 37	0 38	21 56	1 36	22 38	22 41	14 7	16 36	6 13
F 28	22 16	19 42	2 17	24 59	1 43	24 42	1 8	15 42	3 3	11 49	1 6	0 3	2 20	23 14	0 8	14 37	0 38	21 56	1 36	22 38	22 40	14 9	16 36	6 14
S 29	22 24	21 57	0 59	25 11	1 48	24 43	1 10	15 34	3 6	11 48	1 6	0 5	2 21	23 14	0 8	14 37	0 38	21 56	1 36	22 38	22 40	14 11	16 36	6 14
S 30	22 31	22 41	0s22	25 20	1 52	24 44	1 12	15 25	3 8	11 47	1 7	0 6	2 21	23 14	0 8	14 37	0 38	21 56	1 36	22 38	22 39	14 13	16 36	6 14
M31	22n38	21n52	1s40	25n26	1n55	24n44	1n13	15s17	3s11	11s46	1s 7	0n 8	2s21	23n15	0n 8	14s38	0s38	21s56	1n36	22s38	22s39	14s14	16s36	6n15

Julian Day Number = 2095559.5, Delta T = 22m25s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'17, Lahiri = 10°16'18 Julian Calendar 1 May 1025 == Greg. Calendar 7 May 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

JUNE 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 59 35	15♊16'35	16♋43	29♊ 0	4♋43	28♒21	2♓18	5♈47	19♊11	22°R41	2°R43	14°R16	14♐22	27♎55	14°R10	T 1
W 2	17 3 32	16°13'48	0♌23	0♋56	5°56	28°52	2°21	5°52	19°14	22♒41	2♑41	14♐16	14°19	28° 2	14♑ 7	W 2
T 3	17 7 28	17°11'00	13°38	2°49	7° 9	29°23	2°23	5°56	19°18	22°40	2°40	14°16	14°16	28° 9	14° 4	T 3
F 4	17 11 25	18° 8'11	26°30	4°40	8°23	29°53	2°26	6° 0	19°21	22°40	2°39	14°15	14°13	28°15	14° 1	F 4
S 5	17 15 21	19° 5'22	9♍ 1	6°29	9°36	0♓24	2°28	6° 3	19°25	22°39	2°37	14°15	14°10	28°22	13°58	S 5
S 6	17 19 18	20° 2'32	21°15	8°16	10°49	0°54	2°30	6° 7	19°28	22°39	2°36	14°D15	14° 7	28°29	13°55	S 6
M 7	17 23 14	20°59'42	3♎18	10° 0	12° 2	1°23	2°32	6°11	19°32	22°38	2°34	14°15	14° 3	28°35	13°52	M 7
T 8	17 27 11	21°56'51	15°12	11°43	13°15	1°53	2°34	6°14	19°36	22°38	2°33	14°16	14° 0	28°42	13°48	T 8
W 9	17 31 7	22°54'00	27° 2	13°23	14°28	2°22	2°35	6°18	19°39	22°37	2°31	14°17	13°57	28°49	13°45	W 9
T 10	17 35 4	23°51'09	8♏54	15° 1	15°41	2°50	2°37	6°21	19°43	22°37	2°30	14°17	13°54	28°56	13°42	T 10
F 11	17 39 1	24°48'17	20°50	16°36	16°54	3°19	2°38	6°25	19°46	22°36	2°28	14°18	13°51	29° 2	13°39	F 11
S 12	17 42 57	25°45'25	2♐54	18°10	18° 7	3°47	2°39	6°28	19°50	22°35	2°27	14°19	13°48	29° 9	13°35	S 12
S 13	17 46 54	26°42'34	15° 8	19°41	19°20	4°14	2°39	6°31	19°54	22°35	2°25	14°R19	13°44	29°16	13°32	S 13
M14	17 50 50	27°39'42	27°34	21°10	20°33	4°41	2°40	6°34	19°57	22°34	2°24	14°19	13°41	29°22	13°29	M14
T 15	17 54 47	28°36'50	10♑14	22°36	21°46	5° 8	2°40	6°37	20° 1	22°33	2°22	14°18	13°38	29°29	13°25	T 15
W16	17 58 43	29°33'58	23° 7	24° 1	22°59	5°35	2°R40	6°40	20° 4	22°32	2°21	14°16	13°35	29°36	13°22	W16
T 17	18 2 40	0♋31'07	6♒15	25°22	24°12	6° 1	2°40	6°43	20° 8	22°31	2°20	14°14	13°32	29°42	13°19	T 17
F 18	18 6 37	1°28'16	19°37	26°42	25°25	6°27	2°40	6°46	20°11	22°31	2°18	14°12	13°28	29°49	13°15	F 18
S 19	18 10 33	2°25'25	3♓12	27°59	26°38	6°52	2°40	6°48	20°15	22°30	2°17	14°10	13°25	29°56	13°12	S 19
S 20	18 14 30	3°22'34	17° 0	29°14	27°51	7°17	2°39	6°51	20°18	22°29	2°15	14° 8	13°22	0♏ 2	13° 8	S 20
M21	18 18 26	4°19'45	1♈ 0	0♌26	29° 3	7°41	2°38	6°53	20°22	22°28	2°14	14°D 8	13°19	0° 9	13° 5	M21
T 22	18 22 23	5°16'55	15° 9	1°35	0♌16	8° 5	2°37	6°55	20°26	22°27	2°12	14° 8	13°16	0°16	13° 1	T 22
W23	18 26 19	6°14'07	29°27	2°42	1°29	8°29	2°36	6°58	20°29	22°26	2°11	14° 9	13°13	0°22	12°58	W23
T 24	18 30 16	7°11'19	13♉50	3°46	2°42	8°52	2°35	7° 0	20°32	22°25	2° 9	14°10	13° 9	0°29	12°54	T 24
F 25	18 34 12	8° 8'32	28°16	4°47	3°54	9°15	2°33	7° 2	20°36	22°24	2° 8	14°11	13° 6	0°36	12°51	F 25
S 26	18 38 9	9° 5'45	12♊40	5°45	5° 7	9°37	2°31	7° 4	20°39	22°23	2° 6	14°R12	13° 3	0°42	12°47	S 26
S 27	18 42 6	10° 2'59	26°57	6°40	6°20	9°58	2°29	7° 5	20°43	22°22	2° 5	14°12	13° 0	0°49	12°44	S 27
M28	18 46 2	11° 0'14	11♋ 4	7°32	7°33	10°19	2°27	7° 7	20°46	22°21	2° 3	14°10	12°57	0°56	12°40	M28
T 29	18 49 59	11°57'29	24°55	8°20	8°45	10°40	2°25	7° 9	20°50	22°19	2° 2	14° 7	12°54	1° 3	12°36	T 29
W30	18 53 55	12♋54'44	8♌28	9♌ 6	9♌58	11♓ 0	2♓22	7♈10	20♊53	22♒18	2♑ 0	14♐ 3	12♐50	1♏ 9	12♑33	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n45	19n41	2s51	25n31	1n57	24n44	1n15	15s 8	3s14	11s45	1s 7	0n 9	2s21	23n15	0n 8	14s38	0s38	21s56	1n36	22s38	22s39	14s16	16s36	6n15
W 2	22 51	16 27	3 49	25 32	1 58	24 42	1 17	15 0	3 16	11 45	1 7	0 10	2 22	23 15	0 8	14 38	0 38	21 57	1 36	22 38	22 38	14 18	16 36	6 15
T 3	22 57	12 27	4 33	25 31	1 59	24 40	1 18	14 51	3 19	11 44	1 8	0 12	2 22	23 16	0 8	14 38	0 38	21 57	1 36	22 38	22 38	14 20	16 36	6 16
F 4	23 2	8 1	5 2	25 28	1 59	24 38	1 20	14 43	3 22	11 43	1 8	0 13	2 22	23 16	0 8	14 38	0 38	21 57	1 35	22 38	22 38	14 22	16 36	6 16
S 5	23 7	3 21	5 16	25 23	1 59	24 34	1 21	14 35	3 25	11 43	1 8	0 14	2 22	23 16	0 8	14 38	0 38	21 57	1 35	22 38	22 37	14 24	16 36	6 16
S 6	23 11	1s20	5 15	25 16	1 58	24 30	1 23	14 26	3 27	11 42	1 9	0 16	2 23	23 17	0 8	14 39	0 39	21 57	1 35	22 38	22 37	14 26	16 36	6 16
M 7	23 15	5 54	5 0	25 6	1 56	24 25	1 24	14 18	3 30	11 42	1 9	0 17	2 23	23 17	0 8	14 39	0 39	21 57	1 35	22 38	22 36	14 27	16 36	6 17
T 8	23 19	10 12	4 32	24 55	1 53	24 19	1 25	14 10	3 33	11 42	1 9	0 18	2 23	23 17	0 8	14 39	0 39	21 57	1 35	22 38	22 36	14 29	16 36	6 17
W 9	23 22	14 5	3 53	24 43	1 50	24 13	1 27	14 2	3 36	11 41	1 10	0 19	2 23	23 17	0 8	14 39	0 39	21 57	1 35	22 38	22 36	14 31	16 36	6 17
T 10	23 25	17 26	3 4	24 28	1 46	24 6	1 28	13 55	3 39	11 41	1 10	0 20	2 24	23 18	0 8	14 39	0 39	21 58	1 35	22 38	22 35	14 33	16 36	6 17
F 11	23 28	20 5	2 7	24 12	1 42	23 58	1 29	13 47	3 41	11 41	1 10	0 22	2 24	23 18	0 8	14 40	0 39	21 58	1 35	22 38	22 35	14 35	16 36	6 18
S 12	23 30	21 53	1 3	23 55	1 37	23 49	1 30	13 39	3 44	11 41	1 11	0 23	2 24	23 18	0 8	14 40	0 39	21 58	1 35	22 38	22 35	14 37	16 36	6 18
S 13	23 31	22 39	0n 4	23 37	1 31	23 40	1 31	13 32	3 47	11 41	1 11	0 24	2 24	23 19	0 8	14 40	0 39	21 58	1 35	22 38	22 34	14 38	16 36	6 18
M14	23 33	22 20	1 13	23 17	1 25	23 30	1 32	13 24	3 50	11 41	1 11	0 25	2 25	23 19	0 8	14 41	0 39	21 58	1 35	22 38	22 34	14 40	16 36	6 18
T 15	23 33	20 52	2 18	22 57	1 18	23 20	1 33	13 17	3 53	11 41	1 11	0 25	2 25	23 19	0 8	14 41	0 39	21 58	1 34	22 38	22 33	14 42	16 37	6 18
W16	23 34	18 19	3 18	22 35	1 11	23 8	1 34	13 10	3 56	11 41	1 12	0 26	2 25	23 19	0 8	14 41	0 39	21 58	1 34	22 38	22 33	14 44	16 37	6 18
T 17	23 34	14 47	4 9	22 13	1 3	22 56	1 35	13 3	3 59	11 42	1 12	0 27	2 25	23 20	0 8	14 41	0 39	21 58	1 34	22 38	22 33	14 46	16 37	6 19
F 18	23 33	10 28	4 47	21 50	0 55	22 44	1 35	12 56	4 2	11 42	1 12	0 28	2 26	23 20	0 8	14 42	0 39	21 59	1 34	22 37	22 32	14 47	16 37	6 19
S 19	23 33	5 34	5 10	21 26	0 46	22 31	1 36	12 49	4 5	11 42	1 13	0 29	2 26	23 20	0 8	14 42	0 39	21 59	1 34	22 37	22 32	14 49	16 37	6 19
S 20	23 31	0 19	5 15	21 2	0 37	22 17	1 37	12 42	4 8	11 43	1 13	0 30	2 26	23 21	0 8	14 42	0 39	21 59	1 34	22 37	22 31	14 51	16 37	6 19
M21	23 30	5n 0	5 2	20 37	0 28	22 2	1 37	12 36	4 11	11 44	1 13	0 30	2 27	23 21	0 8	14 43	0 39	21 59	1 34	22 37	22 31	14 53	16 38	6 19
T 22	23 28	10 9	4 30	20 12	0 18	21 47	1 37	12 30	4 14	11 44	1 14	0 31	2 27	23 21	0 8	14 43	0 39	21 59	1 34	22 37	22 31	14 55	16 38	6 19
W23	23 25	14 47	3 42	19 47	0 7	21 31	1 38	12 23	4 16	11 45	1 14	0 32	2 27	23 21	0 8	14 43	0 39	21 59	1 34	22 37	22 30	14 56	16 38	6 19
T 24	23 22	18 36	2 39	19 21	0s 4	21 15	1 38	12 17	4 19	11 46	1 14	0 32	2 27	23 22	0 8	14 44	0 39	21 59	1 34	22 37	22 30	14 58	16 38	6 20
F 25	23 19	21 17	1 27	18 56	0 15	20 58	1 38	12 12	4 22	11 47	1 15	0 33	2 28	23 22	0 8	14 44	0 39	21 59	1 33	22 37	22 29	15 0	16 39	6 20
S 26	23 15	22 34	0 8	18 30	0 26	20 41	1 38	12 6	4 26	11 48	1 15	0 33	2 28	23 22	0 8	14 44	0 39	22 0	1 33	22 37	22 29	15 2	16 39	6 20
S 27	23 11	22 22	1s10	18 5	0 38	20 23	1 38	12 0	4 29	11 49	1 15	0 34	2 28	23 22	0 8	14 45	0 39	22 0	1 33	22 37	22 29	15 3	16 39	6 20
M28	23 6	20 44	2 22	17 40	0 51	20 4	1 38	11 55	4 32	11 50	1 15	0 34	2 29	23 23	0 8	14 45	0 39	22 0	1 33	22 37	22 28	15 5	16 39	6 20
T 29	23 1	17 54	3 25	17 16	1 3	19 45	1 38	11 50	4 35	11 51	1 16	0 34	2 29	23 23	0 8	14 46	0 39	22 0	1 33	22 37	22 28	15 7	16 40	6 20
W30	22n56	14n 9	4s15	16n51	1s16	19n25	1n38	11s45	4s38	11s52	1s16	0n35	2s29	23n23	0n 8	14s46	0s39	22s 0	1n33	22s36	22s27	15s 9	16s40	6n20

Julian Day Number = 2095590.5, Delta T = 22m25s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'22, Lahiri = 10°16'22 Julian Calendar 1 June 1025 == Greg. Calendar 7 June 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

JULY 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 57 52	13♋52'00	21♌40	9♌47	11♌11	11♓19	2°R20	7♈12	20♊57	22°R17	1°R59	13°R58	12♐47	1♏16	12°R29	T 1
F 2	19 1 48	14°49'17	4♍31	10°25	12°23	11°38	2♓17	7°13	21° 0	22♒16	1♑57	13♐53	12°44	1°23	12♑26	F 2
S 3	19 5 45	15°46'33	17° 3	10°58	13°36	11°56	2°14	7°14	21° 3	22°15	1°56	13°50	12°41	1°29	12°22	S 3
S 4	19 9 41	16°43'50	29°18	11°28	14°48	12°13	2°10	7°15	21° 7	22°13	1°55	13°47	12°38	1°36	12°19	S 4
M 5	19 13 38	17°41'08	11♎21	11°54	16° 1	12°30	2° 7	7°16	21°10	22°12	1°53	13°45	12°34	1°43	12°15	M 5
T 6	19 17 35	18°38'26	23°15	12°15	17°13	12°47	2° 3	7°17	21°13	22°11	1°52	13°D45	12°31	1°49	12°12	T 6
W 7	19 21 31	19°35'45	5♏ 6	12°31	18°26	13° 2	1°59	7°18	21°16	22°10	1°50	13°46	12°28	1°56	12° 8	W 7
T 8	19 25 28	20°33'04	16°58	12°43	19°38	13°17	1°55	7°19	21°20	22° 8	1°49	13°48	12°25	2° 3	12° 5	T 8
F 9	19 29 24	21°30'24	28°57	12°49	20°51	13°32	1°51	7°19	21°23	22° 7	1°48	13°49	12°22	2° 9	12° 1	F 9
S 10	19 33 21	22°27'44	11♐ 6	12°R51	22° 3	13°46	1°47	7°20	21°26	22° 6	1°46	13°R50	12°19	2°16	11°58	S 10
S 11	19 37 17	23°25'05	23°29	12°47	23°15	13°59	1°42	7°20	21°29	22° 4	1°45	13°50	12°15	2°23	11°54	S 11
M12	19 41 14	24°22'27	6♑ 9	12°39	24°28	14°11	1°38	7°21	21°33	22° 3	1°43	13°48	12°12	2°29	11°51	M12
T 13	19 45 10	25°19'50	19° 7	12°25	25°40	14°23	1°33	7°21	21°36	22° 1	1°42	13°44	12° 9	2°36	11°48	T 13
W14	19 49 7	26°17'14	2♒24	12° 6	26°52	14°34	1°28	7°R21	21°39	22° 0	1°41	13°38	12° 6	2°43	11°44	W14
T 15	19 53 4	27°14'38	15°57	11°42	28° 4	14°44	1°23	7°21	21°42	21°58	1°40	13°31	12° 3	2°49	11°41	T 15
F 16	19 57 0	28°12'04	29°44	11°13	29°17	14°53	1°17	7°21	21°45	21°57	1°38	13°24	12° 0	2°56	11°38	F 16
S 17	20 0 57	29° 9'31	13♓43	10°40	0♍29	15° 2	1°12	7°20	21°48	21°56	1°37	13°18	11°56	3° 3	11°34	S 17
S 18	20 4 53	0♌ 6'59	27°48	10° 2	1°41	15°10	1° 6	7°20	21°51	21°54	1°36	13°12	11°53	3° 9	11°31	S 18
M19	20 8 50	1° 4'29	11♈58	9°21	2°53	15°17	1° 1	7°20	21°54	21°53	1°34	13° 9	11°50	3°16	11°28	M19
T 20	20 12 46	2° 2'00	26° 9	8°37	4° 5	15°24	0°55	7°19	21°57	21°51	1°33	13°D 7	11°47	3°23	11°24	T 20
W21	20 16 43	2°59'33	10♉19	7°50	5°17	15°29	0°49	7°18	22° 0	21°50	1°32	13° 7	11°44	3°29	11°21	W21
T 22	20 20 39	3°57'07	24°27	7° 1	6°29	15°34	0°42	7°18	22° 3	21°48	1°31	13° 8	11°40	3°36	11°18	T 22
F 23	20 24 36	4°54'43	8♊30	6°12	7°41	15°38	0°36	7°17	22° 6	21°46	1°30	13°R 9	11°37	3°43	11°15	F 23
S 24	20 28 33	5°52'20	22°29	5°23	8°53	15°41	0°30	7°16	22° 8	21°45	1°28	13° 9	11°34	3°49	11°12	S 24
S 25	20 32 29	6°49'59	6♋21	4°35	10° 5	15°43	0°23	7°15	22°11	21°43	1°27	13° 7	11°31	3°56	11° 9	S 25
M26	20 36 26	7°47'39	20° 3	3°49	11°17	15°45	0°16	7°14	22°14	21°42	1°26	13° 2	11°28	4° 3	11° 6	M26
T 27	20 40 22	8°45'21	3♌34	3° 6	12°28	15°R45	0°10	7°12	22°17	21°40	1°25	12°55	11°25	4° 9	11° 3	T 27
W28	20 44 19	9°43'04	16°51	2°27	13°40	15°45	0° 3	7°11	22°20	21°39	1°24	12°46	11°21	4°16	11° 0	W28
T 29	20 48 15	10°40'48	29°52	1°52	14°52	15°44	29♒56	7°10	22°22	21°37	1°23	12°36	11°18	4°23	10°57	T 29
F 30	20 52 12	11°38'34	12♍36	1°23	16° 4	15°42	29°49	7° 8	22°25	21°35	1°22	12°26	11°15	4°29	10°54	F 30
S 31	20 56 8	12♌36'21	25♍ 3	1♌ 1	17♍15	15♓39	29♒41	7♈ 6	22♊27	21♒34	1♑21	12♐16	11♐12	4♏36	10♑52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n50	9n47	4s49	16n28	1s29	19n 5	1n38	11s41	4s41	11s53	1s16	0n35	2s29	23n23	0n 8	14s46	0s39	22s 0	1n33	22s36	22s27	15s10	16s40	6n20
F 2	22 44	5 7	5 8	16 5	1 42	18 44	1 38	11 36	4 44	11 54	1 17	0 35	2 30	23 24	0 8	14 47	0 39	22 0	1 33	22 35	22 27	15 12	16 40	6 20
S 3	22 38	0 21	5 12	15 43	1 55	18 23	1 37	11 32	4 47	11 56	1 17	0 36	2 30	23 24	0 8	14 47	0 39	22 0	1 33	22 35	22 26	15 14	16 41	6 20
S 4	22 31	4s19	5 1	15 22	2 9	18 1	1 37	11 28	4 50	11 57	1 17	0 36	2 30	23 24	0 8	14 48	0 39	22 1	1 32	22 34	22 26	15 16	16 41	6 20
M 5	22 23	8 45	4 37	15 2	2 22	17 39	1 36	11 24	4 53	11 59	1 17	0 36	2 31	23 24	0 8	14 48	0 39	22 1	1 32	22 34	22 25	15 17	16 41	6 20
T 6	22 16	12 49	4 1	14 44	2 35	17 16	1 36	11 20	4 56	12 0	1 18	0 36	2 31	23 25	0 8	14 49	0 39	22 1	1 32	22 34	22 25	15 19	16 42	6 20
W 7	22 8	16 21	3 16	14 26	2 49	16 53	1 35	11 17	4 59	12 2	1 18	0 36	2 31	23 25	0 8	14 49	0 39	22 1	1 32	22 34	22 25	15 21	16 42	6 20
T 8	21 59	19 15	2 21	14 10	3 2	16 29	1 34	11 14	5 2	12 4	1 18	0 36	2 31	23 25	0 8	14 49	0 39	22 1	1 32	22 35	22 24	15 22	16 42	6 20
F 9	21 50	21 20	1 20	13 56	3 15	16 5	1 33	11 11	5 5	12 6	1 19	0 36	2 32	23 25	0 8	14 50	0 39	22 1	1 32	22 35	22 24	15 24	16 43	6 20
S 10	21 41	22 28	0 15	13 44	3 27	15 41	1 32	11 8	5 7	12 7	1 19	0 36	2 32	23 25	0 8	14 50	0 39	22 1	1 32	22 35	22 23	15 26	16 43	6 20
S 11	21 31	22 32	0n52	13 33	3 40	15 16	1 31	11 6	5 10	12 9	1 19	0 36	2 32	23 26	0 8	14 51	0 39	22 2	1 32	22 35	22 23	15 28	16 43	6 20
M12	21 21	21 27	1 58	13 24	3 51	14 51	1 30	11 4	5 13	12 11	1 19	0 36	2 33	23 26	0 8	14 51	0 39	22 2	1 32	22 35	22 22	15 29	16 44	6 20
T 13	21 11	19 14	3 0	13 17	4 2	14 25	1 29	11 2	5 16	12 13	1 20	0 35	2 33	23 26	0 8	14 52	0 39	22 2	1 31	22 34	22 22	15 31	16 44	6 20
W14	21 0	15 57	3 53	13 13	4 12	13 59	1 28	11 0	5 19	12 15	1 20	0 35	2 33	23 26	0 8	14 52	0 40	22 2	1 31	22 33	22 22	15 33	16 44	6 20
T 15	20 49	11 47	4 34	13 11	4 21	13 33	1 26	10 59	5 22	12 17	1 20	0 35	2 33	23 27	0 8	14 53	0 40	22 2	1 31	22 33	22 21	15 34	16 45	6 20
F 16	20 38	6 57	5 0	13 11	4 29	13 7	1 25	10 58	5 25	12 19	1 20	0 35	2 34	23 27	0 8	14 53	0 40	22 2	1 31	22 32	22 21	15 36	16 45	6 19
S 17	20 26	1 42	5 8	13 13	4 36	12 40	1 23	10 57	5 27	12 22	1 21	0 34	2 34	23 27	0 8	14 54	0 40	22 2	1 31	22 31	22 20	15 38	16 46	6 19
S 18	20 14	3n41	4 58	13 18	4 42	12 12	1 22	10 56	5 30	12 24	1 21	0 34	2 34	23 27	0 8	14 54	0 40	22 2	1 31	22 30	22 20	15 39	16 46	6 19
M19	20 1	8 54	4 30	13 25	4 46	11 45	1 20	10 56	5 33	12 26	1 21	0 33	2 35	23 27	0 8	14 55	0 40	22 3	1 31	22 30	22 19	15 41	16 46	6 19
T 20	19 49	13 39	3 46	13 34	4 48	11 17	1 18	10 56	5 35	12 29	1 21	0 33	2 35	23 28	0 8	14 55	0 40	22 3	1 31	22 30	22 19	15 43	16 47	6 19
W21	19 36	17 38	2 47	13 46	4 48	10 49	1 17	10 56	5 38	12 31	1 22	0 32	2 35	23 28	0 8	14 56	0 40	22 3	1 30	22 30	22 19	15 44	16 47	6 19
T 22	19 22	20 35	1 39	13 59	4 47	10 20	1 15	10 57	5 41	12 33	1 22	0 32	2 35	23 28	0 8	14 56	0 40	22 3	1 30	22 30	22 18	15 46	16 48	6 19
F 23	19 8	22 15	0 25	14 14	4 44	9 51	1 13	10 57	5 43	12 36	1 22	0 31	2 36	23 28	0 8	14 57	0 40	22 3	1 30	22 30	22 18	15 48	16 48	6 18
S 24	18 54	22 31	0s50	14 31	4 39	9 22	1 11	10 58	5 46	12 38	1 22	0 31	2 36	23 28	0 8	14 57	0 40	22 3	1 30	22 30	22 17	15 49	16 48	6 18
S 25	18 40	21 24	2 1	14 49	4 32	8 53	1 9	11 0	5 48	12 41	1 23	0 30	2 36	23 28	0 8	14 58	0 40	22 3	1 30	22 29	22 17	15 51	16 49	6 18
M26	18 25	19 1	3 5	15 8	4 23	8 24	1 6	11 1	5 50	12 43	1 23	0 29	2 36	23 29	0 9	14 58	0 40	22 4	1 30	22 29	22 16	15 53	16 49	6 18
T 27	18 10	15 37	3 56	15 28	4 13	7 54	1 4	11 3	5 52	12 46	1 23	0 29	2 37	23 29	0 9	14 59	0 40	22 4	1 30	22 28	22 16	15 54	16 50	6 18
W28	17 55	11 30	4 34	15 48	4 1	7 24	1 2	11 5	5 55	12 49	1 23	0 28	2 37	23 29	0 9	15 0	0 40	22 4	1 30	22 27	22 16	15 56	16 50	6 18
T 29	17 39	6 57	4 57	16 9	3 48	6 54	0 59	11 7	5 57	12 51	1 23	0 27	2 37	23 29	0 9	15 0	0 40	22 4	1 29	22 26	22 15	15 57	16 51	6 17
F 30	17 23	2 11	5 4	16 29	3 33	6 24	0 57	11 10	5 59	12 54	1 24	0 26	2 38	23 29	0 9	15 1	0 40	22 4	1 29	22 24	22 15	15 59	16 51	6 17
S 31	17n 7	2s34	4s57	16n49	3s18	5n54	0n55	11s13	6s 0	12s57	1s24	0n25	2s38	23n29	0n 9	15s 1	0s40	22s 4	1n29	22s23	22s14	16s 1	16s51	6n17

Julian Day Number = 2095620.5, Delta T = 22m24s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'26, Lahiri = 10°16'26 Julian Calendar 1 July 1025 == Greg. Calendar 7 July 1025

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1025
geocentric

AUGUST 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 0 5	13♌34'09	7♎16	0°R45	18♍27	15°R35	29°R34	7°R 5	22♊30	21°R32	1°R20	12°R 9	11♐ 9	4♏43	10°R49	S 1
M 2	21 4 2	14°31'58	19°17	0♌36	19°38	15♓31	29♒27	7♈ 3	22°33	21♒30	1♉19	12♐ 3	11° 5	4°50	10♉46	M 2
T 3	21 7 58	15°29'49	1♏10	0°D34	20°50	15°26	29°19	7° 1	22°35	21°29	1°18	12° 0	11° 2	4°56	10°44	T 3
W 4	21 11 55	16°27'41	12°59	0°41	22° 1	15°20	29°12	6°59	22°37	21°27	1°17	11°D59	10°59	5° 3	10°41	W 4
T 5	21 15 51	17°25'35	24°51	0°55	23°13	15°13	29° 4	6°56	22°40	21°26	1°16	11°59	10°56	5°10	10°38	T 5
F 6	21 19 48	18°23'29	6♐49	1°17	24°24	15° 5	28°56	6°54	22°42	21°24	1°15	12°R 0	10°53	5°16	10°36	F 6
S 7	21 23 44	19°21'25	19° 0	1°47	25°35	14°57	28°49	6°52	22°45	21°22	1°14	12° 0	10°50	5°23	10°34	S 7
S 8	21 27 41	20°19'23	1♉28	2°25	26°47	14°48	28°41	6°49	22°47	21°21	1°13	11°58	10°46	5°30	10°31	S 8
M 9	21 31 37	21°17'22	14°17	3°11	27°58	14°38	28°33	6°47	22°49	21°19	1°12	11°54	10°43	5°36	10°29	M 9
T 10	21 35 34	22°15'22	27°29	4° 4	29° 9	14°27	28°25	6°44	22°51	21°17	1°12	11°48	10°40	5°43	10°27	T 10
W11	21 39 31	23°13'24	11♒ 4	5° 4	0♎20	14°16	28°18	6°42	22°54	21°16	1°11	11°39	10°37	5°50	10°25	W11
T 12	21 43 27	24°11'28	25° 1	6°12	1°31	14° 4	28°10	6°39	22°56	21°14	1°10	11°28	10°34	5°56	10°22	T 12
F 13	21 47 24	25° 9'33	9♓15	7°25	2°42	13°52	28° 2	6°36	22°58	21°12	1° 9	11°17	10°31	6° 3	10°20	F 13
S 14	21 51 20	26° 7'40	23°41	8°45	3°53	13°39	27°54	6°33	23° 0	21°11	1° 9	11° 7	10°27	6°10	10°18	S 14
S 15	21 55 17	27° 5'48	8♈11	10° 9	5° 4	13°25	27°46	6°30	23° 2	21° 9	1° 8	10°58	10°24	6°16	10°16	S 15
M16	21 59 13	28° 3'59	22°40	11°39	6°15	13°11	27°38	6°27	23° 4	21° 8	1° 7	10°52	10°21	6°23	10°14	M16
T 17	22 3 10	29° 2'12	7♉ 4	13°14	7°26	12°56	27°30	6°24	23° 6	21° 6	1° 7	10°48	10°18	6°30	10°13	T 17
W18	22 7 6	0♍ 0'28	21°18	14°52	8°36	12°41	27°22	6°20	23° 8	21° 4	1° 6	10°46	10°15	6°36	10°11	W18
T 19	22 11 3	0°58'45	5♊20	16°34	9°47	12°26	27°14	6°17	23°10	21° 3	1° 6	10°46	10°11	6°43	10° 9	T 19
F 20	22 15 0	1°57'04	19°12	18°18	10°58	12°10	27° 6	6°14	23°11	21° 1	1° 5	10°46	10° 8	6°50	10° 8	F 20
S 21	22 18 56	2°55'26	2♋52	20° 5	12° 8	11°54	26°58	6°10	23°13	20°59	1° 4	10°45	10° 5	6°56	10° 6	S 21
S 22	22 22 53	3°53'50	16°22	21°54	13°19	11°37	26°51	6° 7	23°15	20°58	1° 4	10°41	10° 2	7° 3	10° 5	S 22
M23	22 26 49	4°52'16	29°41	23°45	14°29	11°20	26°43	6° 3	23°16	20°56	1° 4	10°35	9°59	7°10	10° 3	M23
T 24	22 30 46	5°50'44	12♌49	25°37	15°40	11° 3	26°35	5°59	23°18	20°55	1° 3	10°25	9°56	7°16	10° 2	T 24
W25	22 34 42	6°49'14	25°45	27°29	16°50	10°46	26°27	5°55	23°20	20°53	1° 3	10°13	9°52	7°23	10° 0	W25
T 26	22 38 39	7°47'46	8♍29	29°22	18° 0	10°29	26°20	5°52	23°21	20°52	1° 2	10° 0	9°49	7°30	9°59	T 26
F 27	22 42 35	8°46'19	21° 0	1♍15	19°10	10°12	26°12	5°48	23°23	20°50	1° 2	9°46	9°46	7°36	9°58	F 27
S 28	22 46 32	9°44'55	3♎19	3° 8	20°20	9°54	26° 4	5°44	23°24	20°48	1° 2	9°34	9°43	7°43	9°57	S 28
S 29	22 50 28	10°43'33	15°25	5° 1	21°30	9°37	25°57	5°40	23°25	20°47	1° 1	9°23	9°40	7°50	9°56	S 29
M30	22 54 25	11°42'12	27°22	6°54	22°40	9°20	25°50	5°36	23°27	20°45	1° 1	9°15	9°37	7°56	9°55	M30
T 31	22 58 22	12♍40'53	9♏12	8♍46	23♎50	9♓ 3	25♒42	5♈31	23♊28	20♒44	1♉ 1	9♐ 9	9♐33	8♏ 3	9♉54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n50	7s 7	4s36	17n 9	3s 1	5n23	0n52	11s16	6s 2	13s 0	1s24	0n24	2s38	23n30	0n 9	15s 2	0s40	22s 4	1n29	22s22	22s14	16s 2	16s52	6n17
M 2	16 33	11 20	4 3	17 27	2 44	4 53	0 49	11 19	6 4	13 2	1 24	0 23	2 38	23 30	0 9	15 2	0 40	22 5	1 29	22 21	22 13	16 4	16 52	6 16
T 3	16 16	15 4	3 20	17 45	2 27	4 22	0 47	11 22	6 5	13 5	1 24	0 22	2 39	23 30	0 9	15 3	0 40	22 5	1 29	22 21	22 13	16 6	16 53	6 16
W 4	15 59	18 10	2 28	18 1	2 9	3 51	0 44	11 26	6 7	13 8	1 24	0 21	2 39	23 30	0 9	15 3	0 40	22 5	1 29	22 21	22 12	16 7	16 53	6 16
T 5	15 42	20 32	1 30	18 15	1 51	3 20	0 41	11 30	6 8	13 11	1 25	0 20	2 39	23 30	0 9	15 4	0 40	22 5	1 29	22 21	22 12	16 9	16 54	6 16
F 6	15 24	22 1	0 28	18 28	1 33	2 49	0 38	11 34	6 9	13 13	1 25	0 19	2 39	23 30	0 9	15 4	0 40	22 5	1 28	22 21	22 12	16 10	16 54	6 15
S 7	15 6	22 29	0n37	18 38	1 16	2 18	0 35	11 38	6 10	13 16	1 25	0 18	2 40	23 31	0 9	15 5	0 40	22 5	1 28	22 21	22 11	16 12	16 55	6 15
S 8	14 47	21 52	1 42	18 46	0 58	1 47	0 32	11 43	6 11	13 19	1 25	0 17	2 40	23 31	0 9	15 5	0 40	22 5	1 28	22 21	22 11	16 13	16 55	6 15
M 9	14 29	20 6	2 43	18 52	0 42	1 15	0 29	11 47	6 12	13 22	1 25	0 15	2 40	23 31	0 9	15 6	0 40	22 6	1 28	22 20	22 10	16 15	16 55	6 15
T 10	14 10	17 14	3 37	18 56	0 26	0 44	0 26	11 52	6 12	13 25	1 25	0 14	2 40	23 31	0 9	15 7	0 40	22 6	1 28	22 19	22 10	16 17	16 56	6 14
W11	13 51	13 22	4 20	18 56	0 10	0 13	0 23	11 57	6 13	13 28	1 25	0 13	2 41	23 31	0 9	15 7	0 40	22 6	1 28	22 18	22 9	16 18	16 56	6 14
T 12	13 32	8 42	4 49	18 54	0n 5	0s19	0 19	12 1	6 13	13 31	1 25	0 12	2 41	23 31	0 9	15 8	0 40	22 6	1 28	22 17	22 9	16 20	16 57	6 14
F 13	13 12	3 29	5 1	18 48	0 18	0 50	0 16	12 6	6 13	13 33	1 26	0 10	2 41	23 31	0 9	15 8	0 40	22 6	1 27	22 15	22 8	16 21	16 57	6 13
S 14	12 52	1n59	4 54	18 40	0 31	1 22	0 13	12 12	6 13	13 36	1 26	0 9	2 41	23 32	0 9	15 9	0 40	22 6	1 27	22 14	22 8	16 23	16 58	6 13
S 15	12 33	7 22	4 29	18 29	0 43	1 53	0 9	12 17	6 13	13 39	1 26	0 8	2 41	23 32	0 9	15 9	0 40	22 6	1 27	22 12	22 7	16 24	16 58	6 13
M16	12 12	12 21	3 46	18 15	0 54	2 24	0 6	12 22	6 13	13 42	1 26	0 6	2 42	23 32	0 9	15 10	0 40	22 7	1 27	22 11	22 7	16 26	16 59	6 12
T 17	11 52	16 35	2 48	17 57	1 4	2 56	0 2	12 27	6 12	13 45	1 26	0 5	2 42	23 32	0 9	15 10	0 40	22 7	1 27	22 11	22 7	16 28	16 59	6 12
W18	11 32	19 48	1 41	17 37	1 13	3 27	0s 1	12 32	6 11	13 48	1 26	0 3	2 42	23 32	0 9	15 11	0 40	22 7	1 27	22 11	22 6	16 29	17 0	6 12
T 19	11 11	21 47	0 29	17 14	1 21	3 58	0 5	12 37	6 10	13 50	1 26	0 2	2 42	23 32	0 9	15 11	0 40	22 7	1 27	22 11	22 6	16 31	17 0	6 11
F 20	10 50	22 23	0s44	16 48	1 28	4 29	0 8	12 43	6 9	13 53	1 26	0 0	2 42	23 32	0 9	15 12	0 40	22 7	1 27	22 11	22 5	16 32	17 1	6 11
S 21	10 29	21 38	1 54	16 20	1 33	5 0	0 12	12 48	6 8	13 56	1 26	0s 1	2 43	23 32	0 9	15 12	0 40	22 7	1 26	22 10	22 5	16 34	17 1	6 11
S 22	10 8	19 38	2 56	15 50	1 38	5 31	0 16	12 53	6 7	13 59	1 26	0 3	2 43	23 32	0 9	15 13	0 40	22 7	1 26	22 10	22 4	16 35	17 1	6 10
M23	9 46	16 37	3 48	15 17	1 42	6 2	0 19	12 58	6 5	14 1	1 26	0 5	2 43	23 33	0 9	15 13	0 40	22 8	1 26	22 9	22 4	16 37	17 2	6 10
T 24	9 25	12 48	4 26	14 42	1 45	6 33	0 23	13 3	6 3	14 4	1 26	0 6	2 43	23 33	0 9	15 14	0 40	22 8	1 26	22 8	22 3	16 38	17 2	6 10
W25	9 3	8 26	4 51	14 5	1 47	7 4	0 27	13 8	6 1	14 7	1 26	0 8	2 43	23 33	0 9	15 14	0 40	22 8	1 26	22 6	22 3	16 40	17 3	6 9
T 26	8 41	3 48	5 0	13 27	1 49	7 34	0 31	13 12	5 59	14 10	1 26	0 10	2 44	23 33	0 9	15 15	0 40	22 8	1 26	22 4	22 2	16 41	17 3	6 9
F 27	8 19	0s55	4 54	12 47	1 49	8 5	0 35	13 17	5 57	14 12	1 26	0 11	2 44	23 33	0 9	15 15	0 40	22 8	1 26	22 2	22 2	16 43	17 4	6 8
S 28	7 57	5 32	4 35	12 6	1 49	8 35	0 38	13 21	5 54	14 15	1 26	0 13	2 44	23 33	0 9	15 16	0 40	22 8	1 25	22 0	22 1	16 44	17 4	6 8
S 29	7 35	9 51	4 4	11 24	1 48	9 5	0 42	13 25	5 52	14 17	1 26	0 15	2 44	23 33	0 9	15 16	0 40	22 8	1 25	21 58	22 1	16 46	17 5	6 8
M30	7 13	13 43	3 22	10 41	1 47	9 35	0 46	13 29	5 49	14 20	1 26	0 17	2 44	23 33	0 9	15 17	0 40	22 9	1 25	21 57	22 0	16 47	17 5	6 7
T 31	6n50	17s 1	2s31	9n57	1n45	10s 4	0s50	13s33	5s46	14s22	1s26	0s18	2s44	23n33	0n 9	15s17	0s40	22s 9	1n25	21s56	22s 0	16s49	17s 6	6n 7

Julian Day Number = 2095651.5, Delta T = 22m24s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'30, Lahiri = 10°16'31 Julian Calendar 1 Aug. 1025 == Greg. Calendar 7 Aug. 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

SEPTEMBER 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 2 18	13♍39'36	21♏ 0	10♍37	25♎ 0	8°R47	25°R35	5°R27	23♊29	20°R42	1°R 1	9°R 6	9♐30	8♏10	9°R53	W 1
T 2	23 6 15	14°38'21	2♐49	12°28	26°10	8♓30	25♒28	5♈23	23°30	20♒41	1♑ 0	9♐ 6	9°27	8°16	9♑53	T 2
F 3	23 10 11	15°37'08	14°45	14°18	27°19	8°14	25°21	5°19	23°32	20°39	1° 0	9° 5	9°24	8°23	9°52	F 3
S 4	23 14 8	16°35'56	26°54	16° 7	28°29	7°59	25°14	5°14	23°33	20°38	1° 0	9° 5	9°21	8°30	9°52	S 4
S 5	23 18 4	17°34'47	9♑22	17°56	29°39	7°43	25° 7	5°10	23°34	20°37	1° 0	9° 4	9°17	8°36	9°51	S 5
M 6	23 22 1	18°33'39	22°12	19°43	0♏48	7°28	25° 1	5° 6	23°35	20°35	1° 0	9° 0	9°14	8°43	9°51	M 6
T 7	23 25 57	19°32'32	5♒28	21°30	1°57	7°14	24°54	5° 1	23°36	20°34	1°D 0	8°54	9°11	8°50	9°50	T 7
W 8	23 29 54	20°31'28	19°12	23°15	3° 6	7° 0	24°48	4°57	23°36	20°32	1° 0	8°45	9° 8	8°56	9°50	W 8
T 9	23 33 51	21°30'25	3♓23	25° 0	4°16	6°47	24°41	4°52	23°37	20°31	1° 0	8°34	9° 5	9° 3	9°50	T 9
F 10	23 37 47	22°29'25	17°56	26°44	5°25	6°34	24°35	4°47	23°38	20°30	1° 0	8°23	9° 2	9°10	9°50	F 10
S 11	23 41 44	23°28'26	2♈45	28°27	6°33	6°22	24°29	4°43	23°39	20°28	1° 0	8°12	8°58	9°16	9°D50	S 11
S 12	23 45 40	24°27'30	17°40	0♎10	7°42	6°10	24°23	4°38	23°39	20°27	1° 0	8° 3	8°55	9°23	9°50	S 12
M13	23 49 37	25°26'36	2♉34	1°51	8°51	5°59	24°18	4°34	23°40	20°26	1° 0	7°57	8°52	9°30	9°50	M13
T 14	23 53 33	26°25'44	17°17	3°31	10° 0	5°49	24°12	4°29	23°40	20°25	1° 1	7°53	8°49	9°36	9°50	T 14
W15	23 57 30	27°24'54	1♊46	5°11	11° 8	5°39	24° 7	4°24	23°41	20°23	1° 1	7°D51	8°46	9°43	9°50	W15
T 16	0 1 26	28°24'07	15°56	6°50	12°16	5°30	24° 1	4°19	23°41	20°22	1° 1	7°51	8°42	9°50	9°51	T 16
F 17	0 5 23	29°23'23	29°48	8°28	13°25	5°22	23°56	4°15	23°42	20°21	1° 1	7°R52	8°39	9°56	9°51	F 17
S 18	0 9 20	0♎22'41	13♋21	10° 5	14°33	5°15	23°51	4°10	23°42	20°20	1° 2	7°51	8°36	10° 3	9°52	S 18
S 19	0 13 16	1°22'01	26°38	11°42	15°41	5° 8	23°46	4° 5	23°42	20°19	1° 2	7°48	8°33	10°10	9°52	S 19
M20	0 17 13	2°21'23	9♌40	13°18	16°49	5° 2	23°42	4° 0	23°43	20°17	1° 2	7°43	8°30	10°16	9°53	M20
T 21	0 21 9	3°20'48	22°29	14°53	17°57	4°57	23°37	3°56	23°43	20°16	1° 3	7°35	8°27	10°23	9°54	T 21
W22	0 25 6	4°20'15	5♍ 6	16°27	19° 4	4°52	23°33	3°51	23°43	20°15	1° 3	7°25	8°23	10°30	9°54	W22
T 23	0 29 2	5°19'44	17°33	18° 1	20°12	4°49	23°29	3°46	23°43	20°14	1° 4	7°13	8°20	10°36	9°55	T 23
F 24	0 32 59	6°19'15	29°49	19°34	21°19	4°46	23°25	3°41	23°R43	20°13	1° 4	7° 2	8°17	10°43	9°56	F 24
S 25	0 36 55	7°18'48	11♎56	21° 6	22°26	4°44	23°21	3°37	23°43	20°12	1° 5	6°50	8°14	10°49	9°57	S 25
S 26	0 40 52	8°18'24	23°55	22°38	23°34	4°43	23°18	3°32	23°43	20°11	1° 5	6°41	8°11	10°56	9°58	S 26
M27	0 44 48	9°18'01	5♏47	24° 9	24°40	4°D42	23°14	3°27	23°43	20°10	1° 6	6°34	8° 8	11° 3	9°59	M27
T 28	0 48 45	10°17'41	17°35	25°39	25°47	4°43	23°11	3°22	23°43	20° 9	1° 6	6°30	8° 4	11° 9	10° 1	T 28
W29	0 52 42	11°17'22	29°21	27° 9	26°54	4°44	23° 8	3°18	23°42	20° 9	1° 7	6°27	8° 1	11°16	10° 2	W29
T 30	0 56 38	12♎17'05	11♐ 9	28♎38	28♏ 0	4♓46	23♒ 5	3♈13	23♊42	20♒ 8	1♑ 8	6°D27	7♐58	11♏23	10♑ 3	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n27	19s37	1s34	9n12	1n42	10s34	0s54	13s36	5s43	14s25	1s26	0s20	2s44	23n33	0n 9	15s18	0s40	22s 9	1n25	21s56	22s 0	16s50	17s 6	6n 7
T 2	6 5	21 22	0 33	8 27	1 39	11 3	0 58	13 39	5 39	14 27	1 26	0 22	2 45	23 33	0 9	15 18	0 40	22 9	1 25	21 56	21 59	16 52	17 6	6 6
F 3	5 42	22 11	0n30	7 41	1 36	11 32	1 2	13 42	5 36	14 29	1 26	0 24	2 45	23 33	0 9	15 19	0 40	22 9	1 25	21 56	21 59	16 53	17 7	6 6
S 4	5 19	21 59	1 33	6 55	1 32	12 1	1 6	13 45	5 32	14 32	1 26	0 26	2 45	23 34	0 9	15 19	0 40	22 9	1 24	21 56	21 58	16 55	17 7	6 5
S 5	4 56	20 41	2 33	6 9	1 28	12 30	1 10	13 47	5 29	14 34	1 26	0 28	2 45	23 34	0 9	15 20	0 40	22 9	1 24	21 55	21 58	16 56	17 8	6 5
M 6	4 33	18 19	3 27	5 22	1 23	12 58	1 14	13 49	5 25	14 36	1 26	0 29	2 45	23 34	0 9	15 20	0 40	22 10	1 24	21 55	21 57	16 57	17 8	6 5
T 7	4 10	14 55	4 12	4 35	1 18	13 26	1 18	13 51	5 21	14 38	1 26	0 31	2 45	23 34	0 9	15 21	0 40	22 10	1 24	21 54	21 57	16 59	17 9	6 4
W 8	3 46	10 38	4 44	3 49	1 13	13 54	1 22	13 53	5 17	14 40	1 26	0 33	2 45	23 34	0 9	15 21	0 40	22 10	1 24	21 53	21 56	17 0	17 9	6 4
T 9	3 23	5 39	5 0	3 2	1 8	14 21	1 26	13 54	5 13	14 42	1 26	0 35	2 45	23 34	0 9	15 22	0 40	22 10	1 24	21 51	21 56	17 2	17 10	6 3
F 10	3 0	0 14	4 57	2 15	1 2	14 48	1 30	13 55	5 8	14 44	1 26	0 37	2 45	23 34	0 9	15 22	0 40	22 10	1 24	21 49	21 55	17 3	17 10	6 3
S 11	2 36	5n18	4 35	1 29	0 56	15 15	1 34	13 56	5 4	14 46	1 26	0 39	2 46	23 34	0 9	15 22	0 40	22 10	1 23	21 47	21 55	17 5	17 10	6 3
S 12	2 13	10 33	3 53	0 42	0 50	15 41	1 38	13 56	5 0	14 48	1 26	0 41	2 46	23 34	0 9	15 23	0 40	22 10	1 23	21 46	21 54	17 6	17 11	6 2
M13	1 49	15 10	2 56	0s 4	0 44	16 8	1 42	13 56	4 55	14 50	1 26	0 43	2 46	23 34	0 9	15 23	0 40	22 10	1 23	21 45	21 54	17 7	17 11	6 2
T 14	1 26	18 48	1 47	0 50	0 38	16 33	1 46	13 56	4 51	14 52	1 25	0 45	2 46	23 34	0 9	15 24	0 40	22 11	1 23	21 44	21 53	17 9	17 12	6 1
W15	1 2	21 9	0 32	1 36	0 31	16 59	1 49	13 55	4 46	14 54	1 25	0 47	2 46	23 34	0 9	15 24	0 40	22 11	1 23	21 44	21 53	17 10	17 12	6 1
T 16	0 38	22 6	0s43	2 21	0 25	17 24	1 53	13 54	4 42	14 55	1 25	0 48	2 46	23 34	0 9	15 24	0 40	22 11	1 23	21 44	21 52	17 12	17 12	6 0
F 17	0 15	21 40	1 54	3 6	0 18	17 48	1 57	13 53	4 37	14 57	1 25	0 50	2 46	23 34	0 9	15 25	0 40	22 11	1 23	21 44	21 52	17 13	17 13	6 0
S 18	0s 9	19 57	2 57	3 51	0 11	18 13	2 1	13 51	4 32	14 59	1 25	0 52	2 46	23 34	0 9	15 25	0 40	22 11	1 22	21 44	21 51	17 15	17 13	6 0
S 19	0 33	17 11	3 49	4 35	0 4	18 36	2 5	13 49	4 28	15 0	1 25	0 54	2 46	23 34	0 9	15 26	0 40	22 11	1 22	21 44	21 51	17 16	17 13	5 59
M20	0 57	13 37	4 28	5 19	0s 3	19 0	2 9	13 47	4 23	15 1	1 25	0 56	2 46	23 34	0 9	15 26	0 40	22 11	1 22	21 43	21 50	17 17	17 14	5 59
T 21	1 20	9 28	4 53	6 2	0 9	19 23	2 12	13 45	4 18	15 3	1 25	0 58	2 46	23 34	0 9	15 26	0 40	22 12	1 22	21 41	21 50	17 19	17 14	5 58
W22	1 44	4 59	5 3	6 45	0 16	19 45	2 16	13 42	4 13	15 4	1 24	1 0	2 46	23 34	0 9	15 27	0 40	22 12	1 22	21 40	21 49	17 20	17 15	5 58
T 23	2 8	0 22	4 59	7 28	0 23	20 7	2 20	13 39	4 9	15 5	1 24	1 2	2 46	23 34	0 9	15 27	0 40	22 12	1 22	21 38	21 49	17 21	17 15	5 58
F 24	2 31	4s12	4 40	8 10	0 30	20 29	2 23	13 35	4 4	15 7	1 24	1 4	2 46	23 34	0 10	15 27	0 40	22 12	1 22	21 36	21 48	17 23	17 15	5 57
S 25	2 55	8 34	4 9	8 51	0 37	20 50	2 27	13 32	3 59	15 8	1 24	1 6	2 46	23 34	0 10	15 28	0 40	22 12	1 21	21 34	21 48	17 24	17 16	5 57
S 26	3 19	12 32	3 27	9 32	0 44	21 11	2 30	13 28	3 54	15 9	1 24	1 8	2 46	23 34	0 10	15 28	0 40	22 12	1 21	21 32	21 47	17 26	17 16	5 56
M27	3 42	15 59	2 37	10 12	0 51	21 31	2 34	13 23	3 50	15 10	1 24	1 9	2 46	23 34	0 10	15 28	0 40	22 12	1 21	21 31	21 47	17 27	17 16	5 56
T 28	4 6	18 45	1 40	10 52	0 58	21 51	2 37	13 19	3 45	15 11	1 24	1 11	2 46	23 34	0 10	15 28	0 40	22 13	1 21	21 30	21 46	17 28	17 17	5 55
W29	4 29	20 44	0 38	11 31	1 5	22 10	2 40	13 14	3 40	15 11	1 23	1 13	2 46	23 34	0 10	15 29	0 40	22 13	1 21	21 30	21 46	17 30	17 17	5 55
T 30	4s53	21s49	0n25	12s 9	1s11	22s28	2s44	13s 9	3s35	15s12	1s23	1s15	2s46	23n34	0n10	15s29	0s40	22s13	1n21	21s30	21s45	17s31	17s17	5n55

Julian Day Number = 2095682.5, Delta T = 22m24s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'34, Lahiri = 10°16'35 Julian Calendar 1 Sept. 1025 == Greg. Calendar 7 Sept. 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

OCTOBER 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 0 35	13♎16'50	23♐ 4	0♏ 6	29♏ 7	4♓49	23°R 3	3°R 8	23°R42	20°R 7	1♑ 8	6♐28	7♐55	11♏29	10♑ 5	F 1
S 2	1 4 31	14°16'37	5♑11	1°34	0♐13	4°53	23♒ 1	3♈ 4	23♊41	20♒ 6	1° 9	6°29	7°52	11°36	10° 6	S 2
S 3	1 8 28	15°16'26	17°35	3° 1	1°19	4°57	22°58	2°59	23°41	20° 5	1°10	6°R30	7°48	11°43	10° 8	S 3
M 4	1 12 24	16°16'16	0♒20	4°27	2°25	5° 2	22°56	2°55	23°40	20° 4	1°11	6°28	7°45	11°49	10°10	M 4
T 5	1 16 21	17°16'08	13°32	5°52	3°30	5° 8	22°55	2°50	23°40	20° 4	1°12	6°25	7°42	11°56	10°11	T 5
W 6	1 20 17	18°16'02	27°13	7°17	4°36	5°15	22°53	2°46	23°39	20° 3	1°12	6°20	7°39	12° 3	10°13	W 6
T 7	1 24 14	19°15'57	11♓23	8°41	5°41	5°22	22°52	2°41	23°39	20° 2	1°13	6°14	7°36	12° 9	10°15	T 7
F 8	1 28 11	20°15'54	26° 0	10° 4	6°46	5°30	22°50	2°37	23°38	20° 2	1°14	6° 6	7°33	12°16	10°17	F 8
S 9	1 32 7	21°15'53	10♈58	11°27	7°50	5°39	22°49	2°32	23°37	20° 1	1°15	5°59	7°29	12°23	10°19	S 9
S 10	1 36 4	22°15'54	26° 9	12°48	8°55	5°49	22°49	2°28	23°36	20° 1	1°16	5°53	7°26	12°29	10°21	S 10
M11	1 40 0	23°15'56	11♉21	14° 8	9°59	5°59	22°48	2°24	23°35	20° 0	1°17	5°49	7°23	12°36	10°24	M11
T 12	1 43 57	24°16'01	26°25	15°27	11° 3	6°10	22°48	2°19	23°34	20° 0	1°18	5°47	7°20	12°43	10°26	T 12
W13	1 47 53	25°16'08	11♊13	16°45	12° 7	6°22	22°D48	2°15	23°33	19°59	1°19	5°D47	7°17	12°49	10°28	W13
T 14	1 51 50	26°16'17	25°40	18° 2	13°10	6°34	22°48	2°11	23°32	19°59	1°20	5°48	7°14	12°56	10°30	T 14
F 15	1 55 46	27°16'28	9♋43	19°17	14°14	6°47	22°48	2° 7	23°31	19°58	1°21	5°49	7°10	13° 3	10°33	F 15
S 16	1 59 43	28°16'42	23°21	20°31	15°16	7° 0	22°48	2° 3	23°30	19°58	1°22	5°R50	7° 7	13° 9	10°35	S 16
S 17	2 3 40	29°16'57	6♌37	21°42	16°19	7°14	22°49	1°59	23°29	19°58	1°23	5°50	7° 4	13°16	10°38	S 17
M18	2 7 36	0♏17'15	19°33	22°52	17°21	7°29	22°50	1°55	23°28	19°57	1°25	5°48	7° 1	13°23	10°41	M18
T 19	2 11 33	1°17'34	2♍11	24° 0	18°23	7°44	22°51	1°51	23°27	19°57	1°26	5°45	6°58	13°29	10°43	T 19
W20	2 15 29	2°17'55	14°35	25° 5	19°25	8° 0	22°52	1°47	23°25	19°57	1°27	5°40	6°54	13°36	10°46	W20
T 21	2 19 26	3°18'19	26°48	26° 7	20°26	8°16	22°54	1°44	23°24	19°57	1°28	5°35	6°51	13°43	10°49	T 21
F 22	2 23 22	4°18'44	8♎52	27° 7	21°28	8°33	22°55	1°40	23°23	19°56	1°30	5°29	6°48	13°49	10°52	F 22
S 23	2 27 19	5°19'11	20°49	28° 2	22°28	8°51	22°57	1°37	23°21	19°56	1°31	5°23	6°45	13°56	10°55	S 23
S 24	2 31 15	6°19'40	2♏41	28°54	23°29	9° 9	22°59	1°33	23°20	19°56	1°32	5°18	6°42	14° 3	10°58	S 24
M25	2 35 12	7°20'10	14°30	29°41	24°28	9°27	23° 2	1°30	23°18	19°56	1°34	5°15	6°39	14° 9	11° 1	M25
T 26	2 39 9	8°20'42	26°17	0♐24	25°28	9°46	23° 4	1°26	23°17	19°56	1°35	5°13	6°35	14°16	11° 4	T 26
W27	2 43 5	9°21'16	8♐ 5	1° 0	26°27	10° 6	23° 7	1°23	23°15	19°D56	1°36	5°D13	6°32	14°23	11° 7	W27
T 28	2 47 2	10°21'51	19°57	1°31	27°26	10°26	23°10	1°20	23°13	19°56	1°38	5°14	6°29	14°29	11°11	T 28
F 29	2 50 58	11°22'28	1♑55	1°54	28°24	10°46	23°13	1°17	23°12	19°56	1°39	5°15	6°26	14°36	11°14	F 29
S 30	2 54 55	12°23'05	14° 4	2° 9	29°22	11° 7	23°16	1°14	23°10	19°56	1°41	5°17	6°23	14°43	11°17	S 30
S 31	2 58 51	13♏23'45	26♑28	2°R16	0♑19	11♓29	23♒19	1♈11	23♊ 8	19♒56	1♑42	5♐19	6♐19	14♏49	11♑21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s16	21s55	1n28	12s47	1s18	22s46	2s47	13s 4	3s31	15s13	1s23	1s17	2s46	23n34	0n10	15s29	0s40	22s13	1n21	21s30	21s45	17s32	17s17	5n54
S 2	5 39	20 59	2 29	13 24	1 24	23 4	2 50	12 58	3 26	15 13	1 23	1 19	2 46	23 34	0 10	15 29	0 40	22 13	1 21	21 30	21 44	17 34	17 18	5 54
S 3	6 3	19 3	3 23	14 0	1 31	23 21	2 53	12 52	3 22	15 14	1 23	1 20	2 46	23 34	0 10	15 30	0 40	22 13	1 20	21 30	21 44	17 35	17 18	5 53
M 4	6 26	16 7	4 10	14 35	1 37	23 37	2 56	12 46	3 17	15 15	1 23	1 22	2 46	23 34	0 10	15 30	0 40	22 13	1 20	21 30	21 43	17 36	17 18	5 53
T 5	6 49	12 18	4 44	15 10	1 43	23 53	2 59	12 39	3 12	15 15	1 22	1 24	2 46	23 34	0 10	15 30	0 40	22 13	1 20	21 30	21 43	17 38	17 19	5 53
W 6	7 12	7 44	5 5	15 44	1 49	24 8	3 2	12 33	3 8	15 15	1 22	1 26	2 46	23 34	0 10	15 30	0 40	22 14	1 20	21 29	21 42	17 39	17 19	5 52
T 7	7 35	2 36	5 7	16 17	1 55	24 23	3 4	12 26	3 4	15 16	1 22	1 27	2 46	23 34	0 10	15 31	0 40	22 14	1 20	21 28	21 41	17 40	17 19	5 52
F 8	7 58	2n50	4 50	16 49	2 0	24 37	3 7	12 19	2 59	15 16	1 22	1 29	2 45	23 34	0 10	15 31	0 40	22 14	1 20	21 26	21 41	17 42	17 19	5 51
S 9	8 20	8 15	4 13	17 20	2 6	24 51	3 9	12 12	2 55	15 16	1 22	1 31	2 45	23 34	0 10	15 31	0 40	22 14	1 20	21 25	21 40	17 43	17 20	5 51
S 10	8 43	13 13	3 18	17 50	2 11	25 4	3 12	12 4	2 51	15 16	1 22	1 32	2 45	23 34	0 10	15 31	0 40	22 14	1 19	21 24	21 40	17 44	17 20	5 51
M11	9 5	17 21	2 9	18 19	2 16	25 16	3 14	11 56	2 46	15 16	1 21	1 34	2 45	23 34	0 10	15 31	0 40	22 14	1 19	21 23	21 39	17 45	17 20	5 50
T 12	9 27	20 17	0 51	18 47	2 20	25 28	3 16	11 48	2 42	15 16	1 21	1 36	2 45	23 34	0 10	15 31	0 40	22 14	1 19	21 23	21 39	17 47	17 20	5 50
W13	9 50	21 45	0s30	19 14	2 24	25 39	3 19	11 40	2 38	15 16	1 21	1 37	2 45	23 34	0 10	15 32	0 40	22 14	1 19	21 23	21 38	17 48	17 20	5 50
T 14	10 12	21 43	1 46	19 40	2 28	25 49	3 21	11 32	2 34	15 16	1 21	1 39	2 45	23 34	0 10	15 32	0 40	22 15	1 19	21 23	21 38	17 49	17 21	5 49
F 15	10 33	20 19	2 54	20 4	2 32	25 59	3 23	11 23	2 30	15 15	1 21	1 40	2 45	23 34	0 10	15 32	0 40	22 15	1 19	21 23	21 37	17 51	17 21	5 49
S 16	10 55	17 45	3 50	20 28	2 35	26 8	3 24	11 15	2 26	15 15	1 20	1 42	2 45	23 34	0 10	15 32	0 40	22 15	1 19	21 24	21 37	17 52	17 21	5 48
S 17	11 17	14 19	4 33	20 50	2 38	26 16	3 26	11 6	2 22	15 15	1 20	1 43	2 44	23 34	0 10	15 32	0 40	22 15	1 19	21 24	21 36	17 53	17 21	5 48
M18	11 38	10 18	5 0	21 10	2 40	26 24	3 28	10 57	2 18	15 14	1 20	1 45	2 44	23 34	0 10	15 32	0 40	22 15	1 18	21 23	21 36	17 54	17 21	5 48
T 19	11 59	5 54	5 11	21 29	2 42	26 31	3 29	10 48	2 15	15 14	1 20	1 46	2 44	23 34	0 10	15 32	0 40	22 15	1 18	21 23	21 35	17 56	17 22	5 47
W20	12 20	1 22	5 8	21 47	2 43	26 38	3 30	10 38	2 11	15 13	1 20	1 47	2 44	23 34	0 10	15 32	0 40	22 15	1 18	21 22	21 35	17 57	17 22	5 47
T 21	12 41	3s10	4 51	22 3	2 44	26 44	3 31	10 29	2 7	15 12	1 19	1 49	2 44	23 34	0 10	15 32	0 40	22 15	1 18	21 21	21 34	17 58	17 22	5 47
F 22	13 1	7 32	4 21	22 17	2 44	26 49	3 32	10 19	2 4	15 12	1 19	1 50	2 44	23 34	0 10	15 32	0 40	22 15	1 18	21 20	21 34	17 59	17 22	5 46
S 23	13 22	11 34	3 40	22 29	2 43	26 54	3 33	10 9	2 0	15 11	1 19	1 51	2 44	23 34	0 10	15 32	0 40	22 16	1 18	21 19	21 33	18 1	17 22	5 46
S 24	13 42	15 7	2 49	22 39	2 42	26 58	3 34	9 59	1 56	15 10	1 19	1 53	2 43	23 34	0 10	15 32	0 40	22 16	1 18	21 18	21 32	18 2	17 22	5 46
M25	14 2	18 3	1 52	22 47	2 40	27 1	3 35	9 48	1 53	15 9	1 19	1 54	2 43	23 34	0 10	15 32	0 40	22 16	1 17	21 17	21 32	18 3	17 22	5 45
T 26	14 22	20 13	0 49	22 53	2 36	27 4	3 35	9 38	1 50	15 8	1 18	1 55	2 43	23 34	0 10	15 32	0 40	22 16	1 17	21 17	21 31	18 4	17 22	5 45
W27	14 41	21 31	0n16	22 56	2 32	27 6	3 35	9 28	1 46	15 7	1 18	1 56	2 43	23 34	0 10	15 32	0 40	22 16	1 17	21 17	21 31	18 6	17 22	5 44
T 28	15 0	21 51	1 20	22 57	2 26	27 8	3 35	9 17	1 43	15 6	1 18	1 57	2 43	23 33	0 10	15 32	0 40	22 16	1 17	21 17	21 30	18 7	17 22	5 44
F 29	15 19	21 11	2 22	22 56	2 20	27 9	3 35	9 6	1 40	15 5	1 18	1 58	2 43	23 33	0 10	15 32	0 40	22 16	1 17	21 17	21 30	18 8	17 23	5 44
S 30	15 38	19 32	3 18	22 51	2 11	27 9	3 35	8 55	1 36	15 3	1 18	1 59	2 42	23 33	0 10	15 32	0 40	22 16	1 17	21 18	21 29	18 9	17 23	5 44
S 31	15s57	16s56	4n 7	22s43	2s 2	27s 8	3s35	8s44	1s33	15s 2	1s17	2s 0	2s42	23n33	0n10	15s32	0s40	22s16	1n17	21s18	21s29	18s10	17s23	5n43

Julian Day Number = 2095712.5, Delta T = 22m23s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'38, Lahiri = 10°16'39 Julian Calendar 1 Oct. 1025 == Greg. Calendar 7 Oct. 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

NOVEMBER 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 2 48	14♏24'25	9♒10	2°R14	1♑16	11♓51	23♒23	1°R 8	23°R 6	19♒57	1♑44	5°R19	6♐16	14♏56	11♑24	M 1
T 2	3 6 44	15°25'06	22°15	2♐ 2	2°12	12°13	23°27	1♈ 6	23♊ 4	19°57	1°45	5♐19	6°13	15° 2	11°28	T 2
W 3	3 10 41	16°25'49	5♓46	1°39	3° 8	12°36	23°31	1° 3	23° 2	19°57	1°47	5°18	6°10	15° 9	11°32	W 3
T 4	3 14 38	17°26'32	19°44	1° 6	4° 3	12°59	23°35	1° 0	23° 1	19°57	1°48	5°17	6° 7	15°16	11°35	T 4
F 5	3 18 34	18°27'17	4♈ 9	0°22	4°57	13°22	23°40	0°58	22°59	19°58	1°50	5°14	6° 4	15°22	11°39	F 5
S 6	3 22 31	19°28'03	18°58	29♏28	5°51	13°46	23°44	0°56	22°57	19°58	1°52	5°12	6° 0	15°29	11°43	S 6
S 7	3 26 27	20°28'50	4♉ 5	28°24	6°44	14°11	23°49	0°53	22°55	19°58	1°53	5°10	5°57	15°36	11°47	S 7
M 8	3 30 24	21°29'38	19°19	27°12	7°37	14°35	23°54	0°51	22°52	19°59	1°55	5° 9	5°54	15°42	11°50	M 8
T 9	3 34 20	22°30'27	4♊33	25°54	8°29	15° 0	23°59	0°49	22°50	19°59	1°57	5°D 9	5°51	15°49	11°54	T 9
W10	3 38 17	23°31'18	19°35	24°32	9°20	15°26	24° 5	0°47	22°48	20° 0	1°58	5° 9	5°48	15°56	11°58	W10
T 11	3 42 13	24°32'10	4♋17	23° 9	10°10	15°51	24°10	0°45	22°46	20° 0	2° 0	5°10	5°45	16° 2	12° 2	T 11
F 12	3 46 10	25°33'03	18°35	21°49	11° 0	16°17	24°16	0°44	22°44	20° 1	2° 2	5°11	5°41	16° 9	12° 6	F 12
S 13	3 50 7	26°33'58	2♌26	20°32	11°48	16°44	24°22	0°42	22°42	20° 1	2° 3	5°12	5°38	16°16	12°11	S 13
S 14	3 54 3	27°34'54	15°50	19°23	12°36	17°10	24°28	0°40	22°39	20° 2	2° 5	5°12	5°35	16°22	12°15	S 14
M15	3 58 0	28°35'52	28°50	18°22	13°23	17°37	24°34	0°39	22°37	20° 3	2° 7	5°R12	5°32	16°29	12°19	M15
T 16	4 1 56	29°36'50	11♍27	17°32	14° 9	18° 4	24°40	0°38	22°35	20° 3	2° 9	5°12	5°29	16°36	12°23	T 16
W17	4 5 53	0♐37'50	23°47	16°53	14°54	18°32	24°47	0°36	22°33	20° 4	2°11	5°12	5°25	16°42	12°27	W17
T 18	4 9 49	1°38'51	5♎53	16°25	15°38	19° 0	24°53	0°35	22°30	20° 5	2°12	5°11	5°22	16°49	12°32	T 18
F 19	4 13 46	2°39'53	17°50	16° 8	16°22	19°28	25° 0	0°34	22°28	20° 5	2°14	5°11	5°19	16°56	12°36	F 19
S 20	4 17 42	3°40'57	29°40	16°D 2	17° 3	19°56	25° 7	0°33	22°25	20° 6	2°16	5°11	5°16	17° 2	12°41	S 20
S 21	4 21 39	4°42'01	11♏28	16° 7	17°44	20°25	25°15	0°33	22°23	20° 7	2°18	5°D11	5°13	17° 9	12°45	S 21
M22	4 25 36	5°43'06	23°15	16°21	18°24	20°53	25°22	0°32	22°21	20° 8	2°20	5°11	5°10	17°16	12°50	M22
T 23	4 29 32	6°44'12	5♐ 5	16°44	19° 2	21°22	25°29	0°31	22°18	20° 9	2°22	5°R11	5° 6	17°22	12°54	T 23
W24	4 33 29	7°45'19	17° 0	17°15	19°40	21°52	25°37	0°31	22°16	20°10	2°24	5°11	5° 3	17°29	12°59	W24
T 25	4 37 25	8°46'27	29° 0	17°52	20°15	22°21	25°45	0°31	22°13	20°11	2°26	5°10	5° 0	17°36	13° 3	T 25
F 26	4 41 22	9°47'35	11♑ 9	18°36	20°50	22°51	25°53	0°30	22°11	20°12	2°27	5°10	4°57	17°42	13° 8	F 26
S 27	4 45 18	10°48'43	23°28	19°26	21°23	23°21	26° 1	0°30	22° 8	20°13	2°29	5° 9	4°54	17°49	13°13	S 27
S 28	4 49 15	11°49'52	6♒ 0	20°20	21°54	23°52	26° 9	0°D30	22° 6	20°14	2°31	5° 8	4°51	17°55	13°17	S 28
M29	4 53 11	12°51'02	18°47	21°19	22°24	24°22	26°18	0°30	22° 3	20°15	2°33	5° 7	4°47	18° 2	13°22	M29
T 30	4 57 8	13♐52'11	1♓51	22♏22	22♑53	24♓53	26♒26	0♈31	22♊ 1	20♒16	2♑35	5♐ 7	4♐44	18♏ 9	13♑27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s15	13s29	4n44	22s32	1s51	27s 7	3s34	8s33	1s30	15s 1	1s17	2s 1	2s42	23n33	0n10	15s32	0s40	22s17	1n17	21s18	21s28	18s12	17s23	5n43
T 2	16 33	9 18	5 8	22 17	1 38	27 6	3 33	8 21	1 27	14 59	1 17	2 2	2 42	23 33	0 10	15 32	0 40	22 17	1 16	21 18	21 28	18 13	17 23	5 43
W 3	16 50	4 33	5 16	21 58	1 24	27 4	3 32	8 10	1 24	14 58	1 17	2 3	2 42	23 33	0 10	15 32	0 40	22 17	1 16	21 18	21 27	18 14	17 23	5 42
T 4	17 8	0n37	5 6	21 36	1 8	27 1	3 31	7 58	1 21	14 56	1 17	2 4	2 41	23 33	0 10	15 32	0 40	22 17	1 16	21 18	21 26	18 15	17 23	5 42
F 5	17 25	5 54	4 37	21 10	0 51	26 58	3 30	7 46	1 18	14 54	1 16	2 4	2 41	23 33	0 10	15 32	0 40	22 17	1 16	21 17	21 26	18 16	17 23	5 42
S 6	17 41	11 0	3 49	20 40	0 33	26 54	3 28	7 34	1 15	14 53	1 16	2 5	2 41	23 33	0 10	15 32	0 40	22 17	1 16	21 17	21 25	18 17	17 23	5 41
S 7	17 58	15 31	2 44	20 7	0 13	26 49	3 26	7 22	1 13	14 51	1 16	2 6	2 41	23 33	0 10	15 32	0 40	22 17	1 16	21 16	21 25	18 19	17 23	5 41
M 8	18 14	19 2	1 27	19 31	0n 7	26 44	3 24	7 10	1 10	14 49	1 16	2 7	2 40	23 33	0 10	15 31	0 40	22 17	1 16	21 16	21 24	18 20	17 23	5 41
T 9	18 30	21 13	0 3	18 53	0 28	26 39	3 22	6 58	1 7	14 47	1 16	2 7	2 40	23 32	0 10	15 31	0 40	22 17	1 16	21 16	21 24	18 21	17 22	5 41
W10	18 45	21 50	1s19	18 14	0 48	26 33	3 19	6 46	1 4	14 45	1 16	2 8	2 40	23 32	0 10	15 31	0 40	22 17	1 16	21 16	21 23	18 22	17 22	5 40
T 11	19 0	20 55	2 35	17 34	1 8	26 26	3 17	6 33	1 2	14 43	1 15	2 8	2 40	23 32	0 10	15 31	0 40	22 18	1 15	21 16	21 23	18 23	17 22	5 40
F 12	19 15	18 39	3 39	16 55	1 26	26 19	3 14	6 21	0 59	14 41	1 15	2 9	2 40	23 32	0 10	15 31	0 40	22 18	1 15	21 17	21 22	18 24	17 22	5 40
S 13	19 29	15 22	4 28	16 19	1 43	26 12	3 10	6 8	0 57	14 39	1 15	2 9	2 39	23 32	0 10	15 31	0 40	22 18	1 15	21 17	21 21	18 26	17 22	5 39
S 14	19 43	11 24	5 0	15 46	1 58	26 4	3 7	5 56	0 54	14 37	1 15	2 10	2 39	23 32	0 10	15 30	0 40	22 18	1 15	21 17	21 21	18 27	17 22	5 39
M15	19 57	7 0	5 16	15 17	2 11	25 56	3 3	5 43	0 52	14 34	1 15	2 10	2 39	23 32	0 10	15 30	0 40	22 18	1 15	21 17	21 20	18 28	17 22	5 39
T 16	20 10	2 26	5 16	14 53	2 22	25 47	2 59	5 30	0 49	14 32	1 14	2 10	2 39	23 32	0 10	15 30	0 39	22 18	1 15	21 17	21 20	18 29	17 22	5 39
W17	20 23	2s 8	5 1	14 33	2 31	25 37	2 55	5 17	0 47	14 30	1 14	2 11	2 38	23 32	0 10	15 30	0 39	22 18	1 15	21 17	21 19	18 30	17 22	5 39
T 18	20 36	6 32	4 34	14 19	2 37	25 28	2 50	5 4	0 45	14 27	1 14	2 11	2 38	23 31	0 10	15 29	0 39	22 18	1 15	21 17	21 19	18 31	17 21	5 38
F 19	20 48	10 38	3 54	14 10	2 42	25 18	2 46	4 51	0 43	14 25	1 14	2 11	2 38	23 31	0 10	15 29	0 39	22 18	1 14	21 17	21 18	18 32	17 21	5 38
S 20	21 0	14 18	3 5	14 6	2 44	25 7	2 40	4 37	0 40	14 22	1 14	2 11	2 38	23 31	0 10	15 29	0 39	22 18	1 14	21 17	21 17	18 33	17 21	5 38
S 21	21 11	17 23	2 8	14 7	2 45	24 56	2 35	4 24	0 38	14 20	1 13	2 11	2 37	23 31	0 10	15 29	0 39	22 18	1 14	21 16	21 17	18 35	17 21	5 38
M22	21 22	19 45	1 6	14 11	2 45	24 45	2 29	4 11	0 36	14 17	1 13	2 11	2 37	23 31	0 10	15 28	0 39	22 18	1 14	21 16	21 16	18 36	17 21	5 37
T 23	21 33	21 16	0 0	14 19	2 43	24 34	2 23	3 57	0 34	14 14	1 13	2 11	2 37	23 31	0 10	15 28	0 39	22 19	1 14	21 16	21 16	18 37	17 20	5 37
W24	21 43	21 51	1n 5	14 30	2 40	24 22	2 17	3 44	0 32	14 11	1 13	2 11	2 37	23 31	0 11	15 28	0 39	22 19	1 14	21 16	21 15	18 38	17 20	5 37
T 25	21 53	21 25	2 9	14 45	2 37	24 10	2 10	3 30	0 30	14 9	1 13	2 11	2 36	23 31	0 11	15 27	0 39	22 19	1 14	21 16	21 15	18 39	17 20	5 37
F 26	22 2	19 59	3 7	15 1	2 32	23 58	2 3	3 16	0 28	14 6	1 13	2 11	2 36	23 30	0 11	15 27	0 39	22 19	1 14	21 16	21 14	18 40	17 20	5 37
S 27	22 11	17 37	3 58	15 20	2 27	23 45	1 56	3 3	0 26	14 3	1 12	2 11	2 36	23 30	0 11	15 27	0 39	22 19	1 14	21 16	21 13	18 41	17 19	5 36
S 28	22 19	14 23	4 38	15 40	2 21	23 33	1 48	2 49	0 24	14 0	1 12	2 10	2 35	23 30	0 11	15 26	0 39	22 19	1 14	21 16	21 13	18 42	17 19	5 36
M29	22 27	10 26	5 5	16 1	2 15	23 20	1 40	2 35	0 22	13 57	1 12	2 10	2 35	23 30	0 11	15 26	0 39	22 19	1 13	21 16	21 12	18 43	17 19	5 36
T 30	22s35	5s56	5n17	16s24	2n 8	23s 7	1s31	2s21	0s20	13s54	1s12	2s10	2s35	23n30	0n11	15s26	0s39	22s19	1n13	21s16	21s12	18s44	17s19	5n36

Julian Day Number = 2095743.5, Delta T = 22m23s
Ecliptic obliquity = 23°33'52, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'43, Lahiri = 10°16'43 Julian Calendar 1 Nov. 1025 == Greg. Calendar 7 Nov. 1025

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ASTRODIENST EPHEMERIS for the year 1025
geocentric

DECEMBER 1025 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 1 5	14♐53'21	15♓16	23♏28	23♑19	25♓24	26♒35	0♈31	21°R58	20♒17	2♑37	5°D 7	4♐41	18♏15	13♑32	W 1
T 2	5 5 1	15°54'30	29° 1	24°36	23°44	25°55	26°44	0°31	21♊55	20°19	2°39	5♐ 7	4°38	18°22	13°36	T 2
F 3	5 8 58	16°55'40	13♈ 9	25°48	24° 7	26°26	26°53	0°32	21°53	20°20	2°41	5° 8	4°35	18°29	13°41	F 3
S 4	5 12 54	17°56'50	27°37	27° 1	24°28	26°57	27° 2	0°33	21°50	20°21	2°43	5° 9	4°31	18°35	13°46	S 4
S 5	5 16 51	18°58'00	12♉23	28°17	24°47	27°29	27°11	0°33	21°48	20°22	2°45	5°10	4°28	18°42	13°51	S 5
M 6	5 20 47	19°59'10	27°21	29°34	25° 4	28° 1	27°21	0°34	21°45	20°24	2°47	5°10	4°25	18°49	13°56	M 6
T 7	5 24 44	21° 0'21	12♊24	0♐53	25°19	28°33	27°30	0°35	21°43	20°25	2°49	5°R10	4°22	18°55	14° 1	T 7
W 8	5 28 40	22° 1'31	27°23	2°13	25°32	29° 5	27°40	0°36	21°40	20°26	2°51	5°10	4°19	19° 2	14° 6	W 8
T 9	5 32 37	23° 2'42	12♋ 9	3°35	25°43	29°37	27°50	0°37	21°37	20°28	2°53	5° 8	4°16	19° 9	14°11	T 9
F 10	5 36 34	24° 3'53	26°35	4°57	25°51	0♈10	27°59	0°39	21°35	20°29	2°55	5° 5	4°12	19°15	14°16	F 10
S 11	5 40 30	25° 5'04	10♌36	6°21	25°57	0°42	28° 9	0°40	21°32	20°31	2°58	5° 2	4° 9	19°22	14°21	S 11
S 12	5 44 27	26° 6'15	24°10	7°45	26° 0	1°15	28°20	0°42	21°30	20°32	3° 0	5° 0	4° 6	19°29	14°26	S 12
M13	5 48 23	27° 7'26	7♍17	9°10	26°R 2	1°48	28°30	0°43	21°27	20°34	3° 2	4°57	4° 3	19°35	14°31	M13
T 14	5 52 20	28° 8'38	20° 0	10°36	26° 0	2°21	28°40	0°45	21°24	20°35	3° 4	4°56	4° 0	19°42	14°36	T 14
W15	5 56 16	29° 9'50	2♎22	12° 3	25°56	2°54	28°51	0°47	21°22	20°37	3° 6	4°D56	3°57	19°49	14°41	W15
T 16	6 0 13	0♑11'02	14°28	13°30	25°50	3°27	29° 1	0°49	21°19	20°38	3° 8	4°57	3°53	19°55	14°46	T 16
F 17	6 4 9	1°12'14	26°23	14°58	25°41	4° 1	29°12	0°51	21°17	20°40	3°10	4°58	3°50	20° 2	14°52	F 17
S 18	6 8 6	2°13'27	8♏11	16°27	25°30	4°34	29°23	0°53	21°14	20°42	3°12	5° 0	3°47	20° 8	14°57	S 18
S 19	6 12 3	3°14'39	19°57	17°56	25°16	5° 8	29°34	0°55	21°12	20°43	3°14	5° 2	3°44	20°15	15° 2	S 19
M20	6 15 59	4°15'51	1♐46	19°26	25° 0	5°42	29°45	0°58	21° 9	20°45	3°16	5°R 3	3°41	20°22	15° 7	M20
T 21	6 19 56	5°17'04	13°41	20°56	24°42	6°15	29°56	1° 0	21° 7	20°47	3°18	5° 2	3°37	20°28	15°12	T 21
W22	6 23 52	6°18'15	25°44	22°26	24°21	6°49	0♓ 7	1° 3	21° 4	20°48	3°20	5° 0	3°34	20°35	15°17	W22
T 23	6 27 49	7°19'27	7♑57	23°57	23°57	7°24	0°19	1° 6	21° 2	20°50	3°22	4°57	3°31	20°42	15°23	T 23
F 24	6 31 45	8°20'38	20°22	25°29	23°32	7°58	0°30	1° 8	20°59	20°52	3°24	4°52	3°28	20°48	15°28	F 24
S 25	6 35 42	9°21'49	2♒59	27° 1	23° 5	8°32	0°42	1°11	20°57	20°54	3°26	4°46	3°25	20°55	15°33	S 25
S 26	6 39 39	10°22'59	15°49	28°34	22°35	9° 7	0°53	1°14	20°55	20°56	3°28	4°39	3°22	21° 2	15°38	S 26
M27	6 43 35	11°24'08	28°52	0♑ 7	22° 4	9°41	1° 5	1°17	20°52	20°57	3°30	4°33	3°18	21° 8	15°44	M27
T 28	6 47 32	12°25'17	12♓ 8	1°40	21°32	10°16	1°17	1°21	20°50	20°59	3°33	4°28	3°15	21°15	15°49	T 28
W29	6 51 28	13°26'24	25°37	3°15	20°58	10°50	1°29	1°24	20°47	21° 1	3°35	4°25	3°12	21°22	15°54	W29
T 30	6 55 25	14°27'31	9♈19	4°49	20°23	11°25	1°41	1°27	20°45	21° 3	3°37	4°D23	3° 9	21°28	15°59	T 30
F 31	6 59 21	15♑28'36	23♈16	6♑24	19♑47	12♈ 0	1♓53	1♈31	20♊43	21♒ 5	3♑39	4♐23	3♐ 6	21♏35	16♑ 5	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s42	1s 2	5n13	16s47	2n 1	22s53	1s22	2s 7	0s18	13s51	1s12	2s 9	2s35	23n30	0n11	15s25	0s39	22s19	1n13	21s16	21s11	18s45	17s18	5n36
T 2	22 49	4n 3	4 51	17 11	1 54	22 40	1 13	1 53	0 16	13 47	1 12	2 9	2 34	23 30	0 11	15 25	0 39	22 19	1 13	21 16	21 11	18 46	17 18	5 36
F 3	22 55	9 3	4 10	17 35	1 46	22 27	1 4	1 39	0 14	13 44	1 11	2 9	2 34	23 29	0 11	15 24	0 39	22 19	1 13	21 16	21 10	18 47	17 18	5 36
S 4	23 1	13 41	3 14	18 0	1 38	22 13	0 54	1 25	0 13	13 41	1 11	2 8	2 34	23 29	0 11	15 24	0 39	22 19	1 13	21 16	21 9	18 48	17 17	5 35
S 5	23 6	17 35	2 3	18 25	1 31	21 59	0 43	1 10	0 11	13 37	1 11	2 7	2 34	23 29	0 11	15 24	0 39	22 19	1 13	21 16	21 9	18 49	17 17	5 35
M 6	23 11	20 22	0 43	18 49	1 23	21 46	0 32	0 56	0 9	13 34	1 11	2 7	2 33	23 29	0 11	15 23	0 39	22 19	1 13	21 16	21 8	18 51	17 17	5 35
T 7	23 15	21 44	0s40	19 13	1 15	21 32	0 21	0 42	0 8	13 31	1 11	2 6	2 33	23 29	0 11	15 23	0 39	22 19	1 13	21 16	21 8	18 52	17 16	5 35
W 8	23 19	21 32	2 0	19 37	1 7	21 18	0 10	0 28	0 6	13 27	1 11	2 6	2 33	23 29	0 11	15 22	0 39	22 20	1 12	21 16	21 7	18 53	17 16	5 35
T 9	23 23	19 50	3 11	20 1	0 59	21 5	0n 2	0 13	0 4	13 24	1 11	2 5	2 33	23 29	0 11	15 22	0 39	22 20	1 12	21 16	21 6	18 54	17 15	5 35
F 10	23 26	16 54	4 8	20 24	0 51	20 51	0 15	0n 1	0 3	13 20	1 10	2 4	2 32	23 28	0 11	15 21	0 39	22 20	1 12	21 16	21 6	18 55	17 15	5 35
S 11	23 28	13 3	4 48	20 47	0 43	20 37	0 27	0 16	0 1	13 16	1 10	2 3	2 32	23 28	0 11	15 21	0 39	22 20	1 12	21 15	21 5	18 56	17 15	5 35
S 12	23 30	8 39	5 10	21 8	0 35	20 24	0 40	0 30	0n 0	13 13	1 10	2 2	2 32	23 28	0 11	15 20	0 39	22 20	1 12	21 14	21 5	18 57	17 14	5 34
M13	23 32	4 0	5 15	21 29	0 27	20 10	0 54	0 45	0 2	13 9	1 10	2 2	2 31	23 28	0 11	15 20	0 39	22 20	1 12	21 14	21 4	18 58	17 14	5 34
T 14	23 33	0s42	5 5	21 50	0 20	19 57	1 8	0 59	0 3	13 5	1 10	2 1	2 31	23 28	0 11	15 19	0 39	22 20	1 12	21 14	21 3	18 59	17 13	5 34
W15	23 34	5 14	4 40	22 9	0 12	19 44	1 22	1 14	0 5	13 1	1 10	2 0	2 31	23 28	0 11	15 19	0 39	22 20	1 12	21 14	21 3	19 0	17 13	5 34
T 16	23 34	9 28	4 4	22 28	0 4	19 31	1 36	1 28	0 6	12 58	1 10	1 59	2 31	23 27	0 11	15 18	0 39	22 20	1 12	21 14	21 2	19 1	17 12	5 34
F 17	23 34	13 17	3 17	22 46	0s 3	19 18	1 51	1 43	0 7	12 54	1 9	1 57	2 30	23 27	0 11	15 18	0 39	22 20	1 12	21 14	21 2	19 2	17 12	5 34
S 18	23 33	16 33	2 23	23 2	0 10	19 6	2 6	1 58	0 9	12 50	1 9	1 56	2 30	23 27	0 11	15 17	0 39	22 20	1 11	21 15	21 1	19 3	17 11	5 34
S 19	23 31	19 8	1 22	23 18	0 17	18 53	2 21	2 12	0 10	12 46	1 9	1 55	2 30	23 27	0 11	15 17	0 39	22 20	1 11	21 15	21 0	19 4	17 11	5 34
M20	23 30	20 55	0 18	23 33	0 24	18 41	2 36	2 27	0 11	12 42	1 9	1 54	2 30	23 27	0 11	15 16	0 39	22 20	1 11	21 15	21 0	19 5	17 10	5 34
T 21	23 27	21 47	0n47	23 46	0 31	18 29	2 51	2 42	0 13	12 38	1 9	1 53	2 29	23 27	0 11	15 16	0 39	22 20	1 11	21 15	20 59	19 5	17 10	5 34
W22	23 25	21 39	1 51	23 59	0 38	18 18	3 7	2 56	0 14	12 34	1 9	1 52	2 29	23 26	0 11	15 15	0 39	22 20	1 11	21 15	20 59	19 6	17 9	5 34
T 23	23 22	20 29	2 50	24 10	0 44	18 6	3 22	3 11	0 15	12 29	1 9	1 50	2 29	23 26	0 11	15 15	0 39	22 20	1 11	21 14	20 58	19 7	17 9	5 34
F 24	23 18	18 20	3 43	24 20	0 51	17 55	3 38	3 26	0 17	12 25	1 9	1 49	2 29	23 26	0 11	15 14	0 39	22 20	1 11	21 13	20 57	19 8	17 8	5 34
S 25	23 14	15 18	4 25	24 28	0 57	17 45	3 53	3 40	0 18	12 21	1 8	1 47	2 28	23 26	0 11	15 13	0 39	22 20	1 11	21 12	20 57	19 9	17 7	5 34
S 26	23 9	11 29	4 55	24 36	1 3	17 34	4 9	3 55	0 19	12 17	1 8	1 46	2 28	23 26	0 11	15 13	0 39	22 20	1 11	21 11	20 56	19 10	17 7	5 34
M27	23 4	7 6	5 9	24 42	1 8	17 25	4 23	4 10	0 20	12 12	1 8	1 45	2 28	23 26	0 11	15 12	0 39	22 20	1 11	21 10	20 56	19 11	17 6	5 34
T 28	22 59	2 18	5 8	24 47	1 14	17 15	4 38	4 25	0 21	12 8	1 8	1 43	2 28	23 26	0 11	15 12	0 39	22 20	1 11	21 9	20 55	19 12	17 6	5 34
W29	22 53	2n41	4 50	24 50	1 19	17 6	4 53	4 39	0 22	12 4	1 8	1 42	2 27	23 25	0 11	15 11	0 39	22 20	1 10	21 8	20 54	19 13	17 5	5 34
T 30	22 47	7 37	4 15	24 52	1 24	16 57	5 6	4 54	0 23	11 59	1 8	1 40	2 27	23 25	0 11	15 10	0 39	22 20	1 10	21 8	20 54	19 14	17 4	5 34
F 31	22s40	12n15	3n25	24s53	1s29	16s49	5n20	5n 9	0n25	11s55	1s 8	1s38	2s27	23n25	0n11	15s10	0s39	22s21	1n10	21s 8	20s53	19s15	17s 4	5n34

Julian Day Number = 2095773.5, Delta T = 22m23s
Ecliptic obliquity = 23°33'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'47, Lahiri = 10°16'47 Julian Calendar 1 Dec. 1025 == Greg. Calendar 7 Dec. 1025

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1026
geocentric

JANUARY 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 3 18	16♑29'41	7♉25	8♑ 0	19°R10	12♈35	2♓ 5	1♈34	20°R41	21♒ 7	3♑41	4♐25	3♐ 3	21♏42	16♑10	S 1
S 2	7 7 14	17°30'45	21°47	9°37	18♑33	13°10	2°17	1°38	20♊38	21° 9	3°43	4°26	2°59	21°48	16°15	S 2
M 3	7 11 11	18°31'47	6♊19	11°13	17°56	13°45	2°30	1°42	20°36	21°11	3°45	4°R26	2°56	21°55	16°20	M 3
T 4	7 15 8	19°32'49	20°57	12°51	17°19	14°21	2°42	1°46	20°34	21°13	3°47	4°25	2°53	22° 2	16°25	T 4
W 5	7 19 4	20°33'50	5♋34	14°29	16°43	14°56	2°55	1°50	20°32	21°15	3°49	4°22	2°50	22° 8	16°31	W 5
T 6	7 23 1	21°34'49	20° 5	16° 8	16° 7	15°31	3° 7	1°54	20°30	21°17	3°51	4°16	2°47	22°15	16°36	T 6
F 7	7 26 57	22°35'48	4♌23	17°47	15°32	16° 7	3°20	1°58	20°28	21°19	3°53	4° 9	2°43	22°21	16°41	F 7
S 8	7 30 54	23°36'46	18°22	19°27	14°58	16°42	3°33	2° 2	20°26	21°21	3°55	4° 0	2°40	22°28	16°46	S 8
S 9	7 34 50	24°37'42	1♍58	21° 8	14°25	17°18	3°46	2° 7	20°24	21°23	3°57	3°52	2°37	22°35	16°52	S 9
M10	7 38 47	25°38'38	15° 9	22°49	13°54	17°54	3°58	2°11	20°22	21°25	3°59	3°44	2°34	22°41	16°57	M10
T 11	7 42 43	26°39'33	27°57	24°31	13°25	18°29	4°11	2°15	20°20	21°27	4° 1	3°38	2°31	22°48	17° 2	T 11
W12	7 46 40	27°40'27	10♎22	26°14	12°57	19° 5	4°24	2°20	20°18	21°29	4° 2	3°34	2°28	22°55	17° 7	W12
T 13	7 50 37	28°41'21	22°31	27°58	12°32	19°41	4°37	2°25	20°16	21°32	4° 4	3°32	2°24	23° 1	17°12	T 13
F 14	7 54 33	29°42'13	4♏27	29°42	12° 9	20°17	4°51	2°29	20°14	21°34	4° 6	3°D32	2°21	23° 8	17°17	F 14
S 15	7 58 30	0♒43'05	16°15	1♒27	11°48	20°53	5° 4	2°34	20°12	21°36	4° 8	3°33	2°18	23°15	17°22	S 15
S 16	8 2 26	1°43'55	28° 2	3°13	11°30	21°29	5°17	2°39	20°10	21°38	4°10	3°R33	2°15	23°21	17°28	S 16
M17	8 6 23	2°44'45	9♐53	4°59	11°13	22° 5	5°30	2°44	20° 9	21°40	4°12	3°33	2°12	23°28	17°33	M17
T 18	8 10 19	3°45'33	21°52	6°46	11° 0	22°41	5°44	2°49	20° 7	21°42	4°14	3°31	2° 9	23°35	17°38	T 18
W19	8 14 16	4°46'21	4♑ 2	8°34	10°49	23°17	5°57	2°54	20° 5	21°45	4°16	3°27	2° 5	23°41	17°43	W19
T 20	8 18 12	5°47'07	16°28	10°22	10°40	23°53	6°11	2°59	20° 4	21°47	4°17	3°20	2° 2	23°48	17°48	T 20
F 21	8 22 9	6°47'52	29° 9	12°11	10°34	24°29	6°24	3° 5	20° 2	21°49	4°19	3°11	1°59	23°55	17°53	F 21
S 22	8 26 6	7°48'36	12♒ 8	14° 0	10°30	25° 6	6°38	3°10	20° 1	21°51	4°21	2°59	1°56	24° 1	17°58	S 22
S 23	8 30 2	8°49'18	25°21	15°50	10°D29	25°42	6°52	3°16	19°59	21°53	4°23	2°47	1°53	24° 8	18° 3	S 23
M24	8 33 59	9°49'58	8♓48	17°39	10°30	26°18	7° 5	3°21	19°58	21°56	4°25	2°36	1°49	24°14	18° 8	M24
T 25	8 37 55	10°50'37	22°27	19°29	10°34	26°55	7°19	3°27	19°57	21°58	4°26	2°26	1°46	24°21	18°13	T 25
W26	8 41 52	11°51'14	6♈14	21°20	10°39	27°31	7°33	3°32	19°55	22° 0	4°28	2°19	1°43	24°28	18°18	W26
T 27	8 45 48	12°51'49	20° 7	23° 9	10°48	28° 8	7°47	3°38	19°54	22° 2	4°30	2°14	1°40	24°34	18°22	T 27
F 28	8 49 45	13°52'23	4♉ 6	24°59	10°58	28°44	8° 0	3°44	19°53	22° 5	4°31	2°12	1°37	24°41	18°27	F 28
S 29	8 53 41	14°52'54	18°10	26°47	11°10	29°21	8°14	3°50	19°51	22° 7	4°33	2°D12	1°34	24°48	18°32	S 29
S 30	8 57 38	15°53'24	2♊17	28°35	11°25	29°57	8°28	3°56	19°50	22° 9	4°35	2°R12	1°30	24°54	18°37	S 30
M31	9 1 35	16♒53'52	16♊27	0♓21	11♑42	0♉34	8♓42	4♈ 1	19♊49	22♒11	4♑36	2♐12	1♐27	25♏ 1	18♑42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s32	16n17	2n21	24s52	1s33	16s42	5n33	5n23	0n26	11s50	1s 8	1s37	2s27	23n25	0n11	15s 9	0s39	22s21	1n10	21s 8	20s53	19s16	17s 3	5n34
S 2	22 25	19 24	1 8	24 50	1 38	16 35	5 45	5 38	0 27	11 46	1 8	1 35	2 26	23 25	0 11	15 8	0 39	22 21	1 10	21 8	20 52	19 17	17 3	5 34
M 3	22 17	21 19	0s10	24 46	1 42	16 28	5 56	5 53	0 28	11 41	1 8	1 33	2 26	23 25	0 11	15 8	0 39	22 21	1 10	21 8	20 51	19 18	17 2	5 34
T 4	22 8	21 47	1 28	24 41	1 45	16 22	6 7	6 8	0 29	11 37	1 7	1 31	2 26	23 24	0 11	15 7	0 39	22 21	1 10	21 8	20 51	19 18	17 1	5 34
W 5	21 59	20 47	2 40	24 34	1 49	16 16	6 17	6 22	0 30	11 32	1 7	1 30	2 26	23 24	0 11	15 7	0 39	22 21	1 10	21 8	20 50	19 19	17 1	5 34
T 6	21 49	18 24	3 41	24 26	1 52	16 11	6 27	6 37	0 31	11 27	1 7	1 28	2 25	23 24	0 11	15 6	0 39	22 21	1 10	21 7	20 49	19 20	17 0	5 34
F 7	21 40	14 56	4 27	24 16	1 54	16 7	6 35	6 51	0 32	11 23	1 7	1 26	2 25	23 24	0 11	15 5	0 39	22 21	1 10	21 5	20 49	19 21	16 59	5 34
S 8	21 29	10 42	4 56	24 4	1 57	16 3	6 43	7 6	0 33	11 18	1 7	1 24	2 25	23 24	0 11	15 5	0 39	22 21	1 10	21 4	20 48	19 22	16 58	5 34
S 9	21 19	6 3	5 7	23 51	1 59	15 59	6 50	7 21	0 34	11 13	1 7	1 22	2 25	23 24	0 11	15 4	0 39	22 21	1 10	21 2	20 48	19 23	16 58	5 34
M10	21 7	1 15	5 1	23 36	2 1	15 56	6 56	7 35	0 34	11 8	1 7	1 20	2 25	23 24	0 11	15 3	0 39	22 21	1 9	21 0	20 47	19 24	16 57	5 35
T 11	20 56	3s28	4 40	23 20	2 2	15 54	7 1	7 50	0 35	11 4	1 7	1 18	2 24	23 23	0 11	15 3	0 39	22 21	1 9	20 59	20 46	19 25	16 56	5 35
W12	20 44	7 54	4 7	23 1	2 3	15 52	7 5	8 4	0 36	10 59	1 7	1 16	2 24	23 23	0 11	15 2	0 39	22 21	1 9	20 59	20 46	19 25	16 56	5 35
T 13	20 32	11 56	3 22	22 42	2 3	15 51	7 9	8 19	0 37	10 54	1 7	1 14	2 24	23 23	0 11	15 1	0 39	22 21	1 9	20 58	20 45	19 26	16 55	5 35
F 14	20 19	15 25	2 30	22 20	2 4	15 50	7 12	8 33	0 38	10 49	1 7	1 12	2 24	23 23	0 11	15 0	0 39	22 21	1 9	20 58	20 44	19 27	16 54	5 35
S 15	20 6	18 15	1 32	21 57	2 3	15 50	7 14	8 47	0 39	10 44	1 7	1 10	2 24	23 23	0 11	15 0	0 39	22 21	1 9	20 58	20 44	19 28	16 53	5 35
S 16	19 53	20 18	0 30	21 31	2 2	15 50	7 15	9 2	0 40	10 39	1 7	1 8	2 23	23 23	0 11	14 59	0 39	22 21	1 9	20 58	20 43	19 29	16 53	5 35
M17	19 39	21 29	0n34	21 5	2 1	15 51	7 16	9 16	0 40	10 34	1 6	1 6	2 23	23 23	0 11	14 58	0 39	22 21	1 9	20 58	20 43	19 30	16 52	5 35
T 18	19 25	21 42	1 36	20 36	1 59	15 52	7 16	9 30	0 41	10 29	1 6	1 3	2 23	23 23	0 11	14 58	0 39	22 21	1 9	20 58	20 42	19 30	16 51	5 36
W19	19 10	20 55	2 36	20 6	1 57	15 54	7 15	9 44	0 42	10 24	1 6	1 1	2 23	23 22	0 11	14 57	0 39	22 21	1 9	20 57	20 41	19 31	16 50	5 36
T 20	18 55	19 6	3 28	19 34	1 54	15 56	7 14	9 59	0 43	10 19	1 6	0 59	2 22	23 22	0 11	14 56	0 39	22 21	1 9	20 56	20 41	19 32	16 49	5 36
F 21	18 40	16 20	4 12	19 0	1 51	15 58	7 12	10 13	0 43	10 14	1 6	0 57	2 22	23 22	0 11	14 56	0 39	22 21	1 9	20 54	20 40	19 33	16 49	5 36
S 22	18 25	12 43	4 43	18 25	1 47	16 1	7 9	10 27	0 44	10 9	1 6	0 54	2 22	23 22	0 11	14 55	0 39	22 21	1 9	20 52	20 39	19 34	16 48	5 36
S 23	18 9	8 25	5 0	17 48	1 42	16 4	7 7	10 41	0 45	10 4	1 6	0 52	2 22	23 22	0 11	14 54	0 39	22 21	1 8	20 50	20 39	19 35	16 47	5 36
M24	17 53	3 40	5 1	17 10	1 37	16 7	7 3	10 55	0 46	9 59	1 6	0 50	2 22	23 22	0 11	14 53	0 39	22 21	1 8	20 47	20 38	19 35	16 46	5 36
T 25	17 36	1n21	4 45	16 30	1 31	16 10	7 0	11 9	0 46	9 53	1 6	0 47	2 22	23 22	0 11	14 53	0 39	22 21	1 8	20 45	20 37	19 36	16 45	5 37
W26	17 19	6 20	4 12	15 48	1 25	16 14	6 55	11 23	0 47	9 48	1 6	0 45	2 21	23 22	0 11	14 52	0 39	22 21	1 8	20 44	20 37	19 37	16 45	5 37
T 27	17 2	11 3	3 24	15 5	1 17	16 18	6 51	11 36	0 48	9 43	1 6	0 42	2 21	23 22	0 11	14 51	0 39	22 21	1 8	20 43	20 36	19 38	16 44	5 37
F 28	16 45	15 12	2 23	14 21	1 10	16 22	6 46	11 50	0 48	9 38	1 6	0 40	2 21	23 21	0 11	14 50	0 39	22 21	1 8	20 43	20 35	19 39	16 43	5 37
S 29	16 27	18 31	1 14	13 36	1 1	16 26	6 41	12 4	0 49	9 32	1 6	0 37	2 21	23 21	0 11	14 50	0 39	22 21	1 8	20 43	20 35	19 39	16 42	5 37
S 30	16 9	20 43	0s 0	12 50	0 52	16 30	6 36	12 17	0 50	9 27	1 6	0 35	2 21	23 21	0 11	14 49	0 39	22 21	1 8	20 43	20 34	19 40	16 41	5 38
M31	15s51	21n38	1s15	12s 3	0s42	16s34	6n30	12n31	0n50	9s22	1s 6	0s32	2s20	23n21	0n11	14s48	0s39	22s21	1n 8	20s43	20s34	19s41	16s40	5n38

Julian Day Number = 2095804.5, Delta T = 22m22s
Ecliptic obliquity = 23°33'51, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'51, Lahiri = 10°16'51 Julian Calendar 1 Jan. 1026 == Greg. Calendar 7 Jan. 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

FEBRUARY 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 5 31	17♒54'18	0♋38	2♓ 6	12♑ 0	1♉11	8♓56	4♈ 8	19°R48	22♒14	4♑38	2°R 9	1♐24	25♏ 8	18♑46	T 1
W 2	9 9 28	18°54'42	14°48	3°48	12°21	1°47	9°10	4°14	19♊47	22°16	4°40	2♐ 3	1°21	25°14	18°51	W 2
T 3	9 13 24	19°55'04	28°52	5°28	12°43	2°24	9°25	4°20	19°46	22°18	4°41	1°55	1°18	25°21	18°56	T 3
F 4	9 17 21	20°55'24	12♌48	7° 5	13° 7	3° 1	9°39	4°26	19°45	22°21	4°43	1°44	1°15	25°28	19° 0	F 4
S 5	9 21 17	21°55'42	26°29	8°37	13°33	3°38	9°53	4°32	19°45	22°23	4°44	1°32	1°11	25°34	19° 5	S 5
S 6	9 25 14	22°55'58	9♍54	10° 6	14° 1	4°15	10° 7	4°39	19°44	22°25	4°46	1°19	1° 8	25°41	19°10	S 6
M 7	9 29 10	23°56'13	22°58	11°29	14°30	4°51	10°21	4°45	19°43	22°27	4°47	1° 7	1° 5	25°48	19°14	M 7
T 8	9 33 7	24°56'26	5♎43	12°47	15° 1	5°28	10°35	4°51	19°42	22°30	4°49	0°57	1° 2	25°54	19°19	T 8
W 9	9 37 4	25°56'38	18° 8	13°59	15°33	6° 5	10°50	4°58	19°42	22°32	4°50	0°49	0°59	26° 1	19°23	W 9
T 10	9 41 0	26°56'48	0♏17	15° 4	16° 7	6°42	11° 4	5° 4	19°41	22°34	4°52	0°44	0°55	26° 7	19°28	T 10
F 11	9 44 57	27°56'56	12°14	16° 1	16°42	7°19	11°18	5°11	19°41	22°37	4°53	0°42	0°52	26°14	19°32	F 11
S 12	9 48 53	28°57'03	24° 3	16°51	17°18	7°56	11°33	5°18	19°40	22°39	4°54	0°42	0°49	26°21	19°36	S 12
S 13	9 52 50	29°57'08	5♐51	17°33	17°56	8°33	11°47	5°24	19°40	22°41	4°56	0°42	0°46	26°27	19°41	S 13
M14	9 56 46	0♓57'11	17°43	18° 6	18°35	9°10	12° 1	5°31	19°39	22°43	4°57	0°41	0°43	26°34	19°45	M14
T 15	10 0 43	1°57'13	29°44	18°30	19°15	9°47	12°16	5°38	19°39	22°46	4°58	0°39	0°40	26°41	19°49	T 15
W16	10 4 39	2°57'13	11♑58	18°45	19°56	10°24	12°30	5°45	19°39	22°48	5° 0	0°34	0°36	26°47	19°53	W16
T 17	10 8 36	3°57'12	24°31	18°R51	20°38	11° 1	12°45	5°51	19°39	22°50	5° 1	0°27	0°33	26°54	19°57	T 17
F 18	10 12 33	4°57'08	7♒25	18°48	21°21	11°38	12°59	5°58	19°38	22°52	5° 2	0°17	0°30	27° 1	20° 2	F 18
S 19	10 16 29	5°57'03	20°39	18°36	22° 6	12°15	13°14	6° 5	19°38	22°55	5° 3	0° 5	0°27	27° 7	20° 6	S 19
S 20	10 20 26	6°56'55	4♓14	18°16	22°51	12°52	13°28	6°12	19°D38	22°57	5° 5	29♏52	0°24	27°14	20°10	S 20
M21	10 24 22	7°56'46	18° 7	17°49	23°37	13°29	13°43	6°19	19°38	22°59	5° 6	29°39	0°20	27°21	20°14	M21
T 22	10 28 19	8°56'35	2♈12	17°14	24°24	14° 7	13°57	6°26	19°38	23° 1	5° 7	29°29	0°17	27°27	20°17	T 22
W23	10 32 15	9°56'21	16°25	16°33	25°12	14°44	14°12	6°33	19°38	23° 3	5° 8	29°20	0°14	27°34	20°21	W23
T 24	10 36 12	10°56'05	0♉41	15°47	26° 0	15°21	14°26	6°41	19°39	23° 6	5° 9	29°15	0°11	27°40	20°25	T 24
F 25	10 40 8	11°55'48	14°56	14°57	26°50	15°58	14°41	6°48	19°39	23° 8	5°10	29°13	0° 8	27°47	20°29	F 25
S 26	10 44 5	12°55'27	29° 8	14° 3	27°40	16°35	14°55	6°55	19°39	23°10	5°11	29°D12	0° 5	27°54	20°33	S 26
S 27	10 48 1	13°55'05	13♊15	13° 8	28°30	17°12	15°10	7° 2	19°39	23°12	5°12	29°R12	0° 1	28° 0	20°36	S 27
M28	10 51 58	14♓54'40	27♊16	12♓13	29♑22	17♉50	15♓24	7♈ 9	19♊40	23♒14	5♑13	29♏12	29♏58	28♏ 7	20♑40	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s33	21n 9	2s25	11s16	0s31	16s39	6n24	12n44	0n51	9s16	1s 6	0s30	2s20	23n21	0n11	14s48	0s39	22s21	1n 8	20s42	20s33	19s42	16s40	5n38
W 2	15 14	19 20	3 25	10 28	0 20	16 43	6 18	12 58	0 51	9 11	1 6	0 27	2 20	23 21	0 11	14 47	0 39	22 21	1 8	20 41	20 32	19 42	16 39	5 38
T 3	14 55	16 22	4 13	9 41	0 8	16 47	6 12	13 11	0 52	9 6	1 6	0 25	2 20	23 21	0 11	14 46	0 39	22 21	1 8	20 39	20 32	19 43	16 38	5 39
F 4	14 36	12 30	4 45	8 53	0n 5	16 51	6 5	13 24	0 53	9 0	1 6	0 22	2 20	23 21	0 11	14 45	0 39	22 21	1 8	20 37	20 31	19 44	16 37	5 39
S 5	14 16	8 3	5 0	8 6	0 18	16 55	5 59	13 38	0 53	8 55	1 6	0 19	2 20	23 21	0 11	14 45	0 39	22 21	1 8	20 34	20 30	19 45	16 36	5 39
S 6	13 57	3 19	4 57	7 20	0 32	16 59	5 52	13 51	0 54	8 50	1 6	0 17	2 20	23 21	0 11	14 44	0 39	22 21	1 7	20 32	20 30	19 45	16 35	5 39
M 7	13 37	1s28	4 39	6 36	0 46	17 3	5 45	14 4	0 54	8 44	1 6	0 14	2 19	23 21	0 11	14 43	0 39	22 21	1 7	20 29	20 29	19 46	16 34	5 40
T 8	13 17	6 4	4 8	5 52	1 0	17 7	5 38	14 17	0 55	8 39	1 6	0 11	2 19	23 21	0 11	14 42	0 39	22 21	1 7	20 27	20 28	19 47	16 33	5 40
W 9	12 56	10 18	3 25	5 11	1 14	17 10	5 31	14 29	0 55	8 33	1 6	0 9	2 19	23 21	0 11	14 42	0 39	22 21	1 7	20 26	20 28	19 48	16 33	5 40
T 10	12 36	14 2	2 34	4 33	1 29	17 14	5 24	14 42	0 56	8 28	1 5	0 6	2 19	23 21	0 11	14 41	0 39	22 21	1 7	20 25	20 27	19 48	16 32	5 40
F 11	12 15	17 7	1 36	3 57	1 44	17 17	5 17	14 55	0 56	8 22	1 5	0 3	2 19	23 21	0 11	14 40	0 39	22 21	1 7	20 24	20 26	19 49	16 31	5 41
S 12	11 54	19 27	0 35	3 24	1 58	17 19	5 9	15 7	0 57	8 17	1 5	0 0	2 19	23 20	0 11	14 39	0 39	22 21	1 7	20 24	20 26	19 50	16 30	5 41
S 13	11 33	20 57	0n27	2 55	2 13	17 22	5 2	15 20	0 57	8 11	1 5	0n 2	2 19	23 20	0 11	14 39	0 39	22 21	1 7	20 24	20 25	19 50	16 29	5 41
M14	11 12	21 31	1 29	2 29	2 26	17 24	4 55	15 32	0 58	8 6	1 5	0 5	2 18	23 20	0 11	14 38	0 39	22 21	1 7	20 24	20 24	19 51	16 28	5 42
T 15	10 50	21 6	2 27	2 8	2 39	17 26	4 47	15 45	0 58	8 0	1 5	0 8	2 18	23 20	0 11	14 37	0 39	22 21	1 7	20 24	20 24	19 52	16 27	5 42
W16	10 28	19 42	3 20	1 51	2 52	17 28	4 40	15 57	0 59	7 55	1 5	0 11	2 18	23 20	0 11	14 37	0 39	22 21	1 7	20 23	20 23	19 52	16 26	5 42
T 17	10 7	17 19	4 4	1 38	3 3	17 29	4 32	16 9	0 59	7 49	1 5	0 14	2 18	23 20	0 11	14 36	0 39	22 21	1 7	20 21	20 22	19 53	16 25	5 42
F 18	9 45	14 3	4 37	1 30	3 13	17 30	4 25	16 21	1 0	7 43	1 5	0 16	2 18	23 20	0 11	14 35	0 39	22 21	1 7	20 19	20 22	19 54	16 25	5 43
S 19	9 23	10 0	4 57	1 26	3 22	17 30	4 18	16 33	1 0	7 38	1 5	0 19	2 18	23 20	0 11	14 34	0 39	22 21	1 7	20 16	20 21	19 55	16 24	5 43
S 20	9 0	5 21	5 0	1 27	3 29	17 30	4 10	16 45	1 1	7 32	1 5	0 22	2 18	23 20	0 11	14 34	0 39	22 21	1 7	20 14	20 20	19 55	16 23	5 43
M21	8 38	0 21	4 45	1 33	3 35	17 30	4 3	16 56	1 1	7 27	1 5	0 25	2 18	23 20	0 11	14 33	0 39	22 22	1 6	20 11	20 20	19 56	16 22	5 44
T 22	8 16	4n45	4 14	1 43	3 39	17 30	3 55	17 8	1 1	7 21	1 5	0 28	2 18	23 20	0 11	14 32	0 39	22 22	1 6	20 9	20 19	19 57	16 21	5 44
W23	7 53	9 39	3 26	1 57	3 41	17 28	3 48	17 20	1 2	7 15	1 5	0 31	2 17	23 20	0 11	14 31	0 40	22 22	1 6	20 7	20 18	19 57	16 20	5 44
T 24	7 30	14 2	2 25	2 15	3 41	17 27	3 40	17 31	1 2	7 10	1 5	0 34	2 17	23 20	0 11	14 31	0 40	22 22	1 6	20 6	20 18	19 58	16 19	5 45
F 25	7 7	17 36	1 15	2 36	3 39	17 25	3 33	17 42	1 3	7 4	1 6	0 37	2 17	23 20	0 11	14 30	0 40	22 22	1 6	20 5	20 17	19 58	16 18	5 45
S 26	6 44	20 5	0 0	3 0	3 35	17 23	3 26	17 53	1 3	6 59	1 6	0 40	2 17	23 20	0 11	14 29	0 40	22 22	1 6	20 5	20 16	19 59	16 17	5 45
S 27	6 21	21 17	1s14	3 26	3 29	17 20	3 18	18 4	1 3	6 53	1 6	0 43	2 17	23 20	0 11	14 29	0 40	22 22	1 6	20 5	20 16	20 0	16 17	5 46
M28	5s58	21n 9	2s23	3s55	3n21	17s17	3n11	18n15	1n 4	6s47	1s 6	0n46	2s17	23n20	0n11	14s28	0s40	22s22	1n 6	20s 5	20s15	20s 0	16s16	5n46

Julian Day Number = 2095835.5, Delta T = 22m22s
Ecliptic obliquity = 23°33'51, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'55, Lahiri = 10°16'56 Julian Calendar 1 Feb. 1026 == Greg. Calendar 7 Feb. 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

MARCH 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 55 55	15♓54'12	11♋10	11°R18	0♒14	18♉27	15♓39	7♈17	19♊40	23♒16	5♑14	29°R 9	29♏55	28♏14	20♑43	T 1
W 2	10 59 51	16°53'43	24°57	10♓25	1° 7	19° 4	15°53	7°24	19°41	23°19	5°15	29♏ 5	29°52	28°20	20°47	W 2
T 3	11 3 48	17°53'11	8♌36	9°35	2° 0	19°41	16° 8	7°31	19°41	23°21	5°16	28°57	29°49	28°27	20°50	T 3
F 4	11 7 44	18°52'36	22° 5	8°48	2°54	20°19	16°22	7°39	19°42	23°23	5°17	28°47	29°46	28°34	20°54	F 4
S 5	11 11 41	19°52'00	5♍22	8° 5	3°49	20°56	16°37	7°46	19°42	23°25	5°18	28°35	29°42	28°40	20°57	S 5
S 6	11 15 37	20°51'21	18°26	7°28	4°44	21°33	16°51	7°54	19°43	23°27	5°18	28°24	29°39	28°47	21° 0	S 6
M 7	11 19 34	21°50'40	1♎14	6°55	5°39	22°11	17° 6	8° 1	19°44	23°29	5°19	28°12	29°36	28°54	21° 3	M 7
T 8	11 23 30	22°49'57	13°47	6°28	6°35	22°48	17°20	8° 9	19°45	23°31	5°20	28° 3	29°33	29° 0	21° 7	T 8
W 9	11 27 27	23°49'12	26° 6	6° 7	7°32	23°25	17°35	8°16	19°46	23°33	5°21	27°56	29°30	29° 7	21°10	W 9
T 10	11 31 24	24°48'25	8♏11	5°52	8°29	24° 2	17°49	8°23	19°46	23°35	5°21	27°51	29°26	29°13	21°13	T 10
F 11	11 35 20	25°47'37	20° 6	5°42	9°27	24°40	18° 3	8°31	19°47	23°37	5°22	27°49	29°23	29°20	21°16	F 11
S 12	11 39 17	26°46'46	1♐55	5°D38	10°25	25°17	18°18	8°39	19°48	23°39	5°23	27°D49	29°20	29°27	21°19	S 12
S 13	11 43 13	27°45'54	13°43	5°40	11°23	25°54	18°32	8°46	19°50	23°41	5°23	27°50	29°17	29°33	21°21	S 13
M14	11 47 10	28°45'00	25°35	5°47	12°22	26°32	18°47	8°54	19°51	23°43	5°24	27°R51	29°14	29°40	21°24	M14
T 15	11 51 6	29°44'04	7♑35	6° 0	13°21	27° 9	19° 1	9° 1	19°52	23°45	5°24	27°50	29°11	29°47	21°27	T 15
W16	11 55 3	0♈43'06	19°51	6°17	14°21	27°46	19°15	9° 9	19°53	23°47	5°25	27°48	29° 7	29°53	21°30	W16
T 17	11 58 59	1°42'06	2♒25	6°39	15°21	28°24	19°30	9°16	19°54	23°49	5°25	27°44	29° 4	0♐ 0	21°32	T 17
F 18	12 2 56	2°41'05	15°22	7° 6	16°21	29° 1	19°44	9°24	19°56	23°51	5°26	27°38	29° 1	0° 7	21°35	F 18
S 19	12 6 53	3°40'01	28°44	7°38	17°22	29°38	19°58	9°32	19°57	23°53	5°26	27°30	28°58	0°13	21°37	S 19
S 20	12 10 49	4°38'56	12♓31	8°13	18°23	0♊16	20°13	9°39	19°58	23°54	5°27	27°21	28°55	0°20	21°40	S 20
M21	12 14 46	5°37'49	26°40	8°52	19°24	0°53	20°27	9°47	20° 0	23°56	5°27	27°13	28°51	0°27	21°42	M21
T 22	12 18 42	6°36'39	11♈ 7	9°36	20°25	1°30	20°41	9°55	20° 1	23°58	5°27	27° 5	28°48	0°33	21°44	T 22
W23	12 22 39	7°35'28	25°45	10°22	21°27	2° 8	20°55	10° 2	20° 3	24° 0	5°27	27° 0	28°45	0°40	21°47	W23
T 24	12 26 35	8°34'15	10♉27	11°12	22°29	2°45	21°10	10°10	20° 5	24° 2	5°28	26°56	28°42	0°47	21°49	T 24
F 25	12 30 32	9°32'59	25° 6	12° 6	23°32	3°23	21°24	10°17	20° 6	24° 3	5°28	26°D55	28°39	0°53	21°51	F 25
S 26	12 34 28	10°31'41	9♊37	13° 2	24°35	4° 0	21°38	10°25	20° 8	24° 5	5°28	26°56	28°36	1° 0	21°53	S 26
S 27	12 38 25	11°30'21	23°57	14° 1	25°37	4°37	21°52	10°33	20°10	24° 7	5°28	26°57	28°32	1° 6	21°55	S 27
M28	12 42 21	12°28'59	8♋ 2	15° 3	26°41	5°15	22° 6	10°40	20°11	24° 8	5°29	26°R58	28°29	1°13	21°57	M28
T 29	12 46 18	13°27'35	21°52	16° 8	27°44	5°52	22°20	10°48	20°13	24°10	5°29	26°57	28°26	1°20	21°58	T 29
W30	12 50 15	14°26'08	5♌28	17°15	28°48	6°30	22°34	10°56	20°15	24°12	5°29	26°55	28°23	1°26	22° 0	W30
T 31	12 54 11	15♈24'39	18♌50	18♓25	29♒52	7♊ 7	22♓48	11♈ 3	20♊17	24♒13	5♑29	26♏52	28♏20	1♐33	22♑ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	5s35	19n43	3s23	4s24	3n12	17s13	3n 4	18n26	1n 4	6s42	1s 6	0n49	2s17	23n21	0n11	14s27	0s40	22s22	1n 6	20s 4	20s14	20s 1	16s15	5n47
W 2	5 12	17 8	4 11	4 54	3 2	17 9	2 56	18 37	1 4	6 36	1 6	0 51	2 17	23 21	0 11	14 27	0 40	22 22	1 6	20 3	20 14	20 2	16 14	5 47
T 3	4 49	13 38	4 44	5 24	2 50	17 4	2 49	18 47	1 5	6 30	1 6	0 54	2 17	23 21	0 11	14 26	0 40	22 22	1 6	20 2	20 13	20 2	16 13	5 47
F 4	4 25	9 29	5 0	5 54	2 37	16 59	2 42	18 58	1 5	6 25	1 6	0 57	2 17	23 21	0 11	14 25	0 40	22 22	1 6	20 0	20 12	20 3	16 12	5 48
S 5	4 2	4 56	5 0	6 22	2 23	16 53	2 35	19 8	1 5	6 19	1 6	1 0	2 17	23 21	0 11	14 25	0 40	22 22	1 6	19 57	20 12	20 4	16 11	5 48
S 6	3 39	0 15	4 44	6 50	2 8	16 47	2 28	19 18	1 6	6 14	1 6	1 3	2 17	23 21	0 11	14 24	0 40	22 22	1 6	19 54	20 11	20 4	16 10	5 48
M 7	3 15	4s23	4 14	7 16	1 53	16 40	2 21	19 28	1 6	6 8	1 6	1 6	2 17	23 21	0 11	14 23	0 40	22 22	1 6	19 52	20 10	20 5	16 10	5 49
T 8	2 52	8 43	3 32	7 40	1 38	16 33	2 14	19 38	1 6	6 2	1 6	1 9	2 16	23 21	0 11	14 23	0 40	22 22	1 6	19 50	20 10	20 5	16 9	5 49
W 9	2 28	12 37	2 41	8 2	1 23	16 26	2 7	19 48	1 7	5 57	1 6	1 12	2 16	23 21	0 11	14 22	0 40	22 22	1 5	19 48	20 9	20 6	16 8	5 50
T 10	2 4	15 56	1 43	8 22	1 7	16 18	2 1	19 58	1 7	5 51	1 6	1 15	2 16	23 21	0 11	14 21	0 40	22 22	1 5	19 47	20 8	20 6	16 7	5 50
F 11	1 41	18 31	0 41	8 40	0 52	16 9	1 54	20 7	1 7	5 45	1 6	1 18	2 16	23 21	0 11	14 21	0 40	22 22	1 5	19 47	20 7	20 7	16 6	5 50
S 12	1 17	20 18	0n22	8 55	0 37	16 0	1 47	20 17	1 8	5 40	1 6	1 21	2 16	23 21	0 11	14 20	0 40	22 22	1 5	19 47	20 7	20 8	16 5	5 51
S 13	0 54	21 10	1 24	9 8	0 22	15 50	1 41	20 26	1 8	5 34	1 6	1 24	2 16	23 21	0 11	14 19	0 40	22 22	1 5	19 47	20 6	20 8	16 4	5 51
M14	0 30	21 6	2 23	9 19	0 8	15 40	1 34	20 35	1 8	5 28	1 6	1 28	2 16	23 21	0 11	14 19	0 40	22 22	1 5	19 47	20 5	20 9	16 4	5 52
T 15	0 6	20 4	3 17	9 27	0s 6	15 30	1 28	20 44	1 8	5 23	1 6	1 31	2 16	23 21	0 11	14 18	0 40	22 22	1 5	19 47	20 5	20 9	16 3	5 52
W16	0n17	18 6	4 2	9 33	0 19	15 19	1 22	20 53	1 9	5 17	1 6	1 34	2 16	23 21	0 11	14 17	0 40	22 22	1 5	19 46	20 4	20 10	16 2	5 53
T 17	0 41	15 13	4 37	9 37	0 32	15 7	1 15	21 2	1 9	5 12	1 6	1 37	2 16	23 22	0 11	14 17	0 40	22 22	1 5	19 45	20 3	20 10	16 1	5 53
F 18	1 4	11 32	5 0	9 38	0 44	14 55	1 9	21 10	1 9	5 6	1 6	1 40	2 16	23 22	0 11	14 16	0 40	22 22	1 5	19 44	20 3	20 11	16 0	5 53
S 19	1 28	7 11	5 6	9 37	0 56	14 43	1 3	21 18	1 9	5 0	1 6	1 43	2 16	23 22	0 11	14 16	0 40	22 22	1 5	19 42	20 2	20 12	15 59	5 54
S 20	1 51	2 21	4 56	9 34	1 7	14 30	0 57	21 27	1 10	4 55	1 6	1 46	2 16	23 22	0 11	14 15	0 40	22 22	1 5	19 40	20 1	20 12	15 59	5 54
M21	2 15	2n45	4 27	9 29	1 17	14 16	0 51	21 35	1 10	4 49	1 7	1 49	2 16	23 22	0 11	14 14	0 40	22 22	1 5	19 38	20 1	20 13	15 58	5 55
T 22	2 38	7 49	3 41	9 22	1 27	14 2	0 45	21 43	1 10	4 44	1 7	1 52	2 16	23 22	0 11	14 14	0 40	22 23	1 5	19 37	20 0	20 13	15 57	5 55
W23	3 2	12 29	2 40	9 12	1 37	13 48	0 40	21 51	1 10	4 38	1 7	1 55	2 16	23 22	0 11	14 13	0 40	22 23	1 5	19 35	19 59	20 14	15 56	5 56
T 24	3 25	16 25	1 28	9 1	1 45	13 33	0 34	21 58	1 11	4 33	1 7	1 58	2 16	23 22	0 11	14 13	0 40	22 23	1 5	19 35	19 58	20 14	15 55	5 56
F 25	3 48	19 18	0 10	8 48	1 53	13 18	0 28	22 6	1 11	4 27	1 7	2 1	2 16	23 22	0 11	14 12	0 40	22 23	1 4	19 34	19 58	20 15	15 55	5 57
S 26	4 11	20 53	1s 8	8 33	2 1	13 2	0 23	22 13	1 11	4 22	1 7	2 4	2 16	23 23	0 11	14 12	0 40	22 23	1 4	19 34	19 57	20 15	15 54	5 57
S 27	4 34	21 5	2 21	8 16	2 7	12 46	0 17	22 20	1 11	4 16	1 7	2 7	2 16	23 23	0 11	14 11	0 40	22 23	1 4	19 35	19 56	20 16	15 53	5 58
M28	4 57	19 55	3 24	7 58	2 14	12 30	0 12	22 27	1 11	4 11	1 7	2 10	2 16	23 23	0 11	14 11	0 40	22 23	1 4	19 35	19 56	20 16	15 52	5 58
T 29	5 20	17 36	4 14	7 38	2 19	12 13	0 7	22 34	1 11	4 5	1 7	2 13	2 16	23 23	0 11	14 10	0 40	22 23	1 4	19 35	19 55	20 17	15 52	5 58
W30	5 43	14 20	4 49	7 16	2 24	11 55	0 2	22 41	1 12	4 0	1 7	2 16	2 16	23 23	0 11	14 10	0 40	22 23	1 4	19 34	19 54	20 17	15 51	5 59
T 31	6n 6	10n24	5s 7	6s53	2s28	11s38	0s 3	22n48	1n12	3s54	1s 7	2n19	2s16	23n23	0n11	14s 9	0s40	22s23	1n 4	19s33	19s53	20s18	15s50	5n59

Julian Day Number = 2095863.5, Delta T = 22m21s
Ecliptic obliquity = 23°33'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°09'59, Lahiri = 10°17'00 Julian Calendar 1 March 1026 == Greg. Calendar 7 March 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

APRIL 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 58 8	16♈23'07	1♍58	19♓37	0♓56	7♊44	23♓ 2	11♈11	20♊19	24♒15	5°R29	26°R46	28♏17	1♐40	22♑ 3	F 1
S 2	13 2 4	17°21'34	14°52	20°52	2° 0	8°22	23°16	11°19	20°21	24°16	5♑29	26♏40	28°13	1°46	22° 5	S 2
S 3	13 6 1	18°19'58	27°34	22° 8	3° 4	8°59	23°29	11°26	20°23	24°18	5°29	26°33	28°10	1°53	22° 6	S 3
M 4	13 9 57	19°18'20	10♎ 4	23°27	4° 9	9°36	23°43	11°34	20°25	24°19	5°29	26°27	28° 7	2° 0	22° 8	M 4
T 5	13 13 54	20°16'41	22°22	24°48	5°14	10°14	23°57	11°41	20°27	24°21	5°29	26°21	28° 4	2° 6	22° 9	T 5
W 6	13 17 50	21°14'59	4♏29	26°11	6°19	10°51	24°11	11°49	20°30	24°22	5°28	26°17	28° 1	2°13	22°10	W 6
T 7	13 21 47	22°13'16	16°28	27°36	7°24	11°29	24°24	11°57	20°32	24°24	5°28	26°15	27°57	2°20	22°12	T 7
F 8	13 25 44	23°11'31	28°19	29° 3	8°30	12° 6	24°38	12° 4	20°34	24°25	5°28	26°D15	27°54	2°26	22°13	F 8
S 9	13 29 40	24° 9'45	10♐ 7	0♈32	9°36	12°43	24°51	12°12	20°36	24°27	5°28	26°16	27°51	2°33	22°14	S 9
S 10	13 33 37	25° 7'57	21°55	2° 3	10°41	13°21	25° 5	12°19	20°39	24°28	5°28	26°17	27°48	2°39	22°15	S 10
M11	13 37 33	26° 6'07	3♑47	3°36	11°47	13°58	25°18	12°27	20°41	24°29	5°27	26°19	27°45	2°46	22°16	M11
T 12	13 41 30	27° 4'16	15°48	5°11	12°54	14°36	25°32	12°34	20°44	24°31	5°27	26°20	27°42	2°53	22°16	T 12
W13	13 45 26	28° 2'23	28° 2	6°47	14° 0	15°13	25°45	12°42	20°46	24°32	5°27	26°R21	27°38	2°59	22°17	W13
T 14	13 49 23	29° 0'29	10♒34	8°26	15° 6	15°50	25°59	12°49	20°48	24°33	5°26	26°20	27°35	3° 6	22°18	T 14
F 15	13 53 19	29°58'34	23°29	10° 6	16°13	16°28	26°12	12°57	20°51	24°34	5°26	26°19	27°32	3°13	22°18	F 15
S 16	13 57 16	0♉56'36	6♓49	11°49	17°20	17° 5	26°25	13° 4	20°54	24°35	5°26	26°16	27°29	3°19	22°19	S 16
S 17	14 1 13	1°54'38	20°37	13°33	18°26	17°43	26°38	13°11	20°56	24°37	5°25	26°13	27°26	3°26	22°19	S 17
M18	14 5 9	2°52'38	4♈50	15°19	19°33	18°20	26°51	13°19	20°59	24°38	5°25	26° 9	27°23	3°33	22°20	M18
T 19	14 9 6	3°50'36	19°26	17° 7	20°41	18°57	27° 4	13°26	21° 2	24°39	5°24	26° 6	27°19	3°39	22°20	T 19
W20	14 13 2	4°48'33	4♉19	18°57	21°48	19°35	27°17	13°33	21° 4	24°40	5°24	26° 4	27°16	3°46	22°20	W20
T 21	14 16 59	5°46'29	19°20	20°49	22°55	20°12	27°30	13°41	21° 7	24°41	5°23	26°D 3	27°13	3°53	22°20	T 21
F 22	14 20 55	6°44'23	4♊21	22°43	24° 3	20°50	27°43	13°48	21°10	24°42	5°23	26° 3	27°10	3°59	22°21	F 22
S 23	14 24 52	7°42'15	19°13	24°38	25°10	21°27	27°56	13°55	21°13	24°43	5°22	26° 4	27° 7	4° 6	22°R21	S 23
S 24	14 28 48	8°40'06	3♋51	26°36	26°18	22° 4	28° 8	14° 3	21°15	24°44	5°21	26° 5	27° 3	4°12	22°20	S 24
M25	14 32 45	9°37'55	18°10	28°35	27°26	22°42	28°21	14°10	21°18	24°45	5°21	26° 7	27° 0	4°19	22°20	M25
T 26	14 36 42	10°35'42	2♌ 8	0♉36	28°34	23°19	28°33	14°17	21°21	24°46	5°20	26° 7	26°57	4°26	22°20	T 26
W27	14 40 38	11°33'27	15°44	2°39	29°42	23°57	28°46	14°24	21°24	24°46	5°19	26°R 7	26°54	4°32	22°20	W27
T 28	14 44 35	12°31'10	28°59	4°43	0♈50	24°34	28°58	14°31	21°27	24°47	5°19	26° 7	26°51	4°39	22°20	T 28
F 29	14 48 31	13°28'52	11♍55	6°49	1°58	25°11	29°11	14°38	21°30	24°48	5°18	26° 6	26°48	4°46	22°19	F 29
S 30	14 52 28	14♉26'32	24♍35	8♉57	3♈ 6	25♊49	29♓23	14♈45	21♊33	24♒49	5♑17	26♏ 4	26♏44	4♐52	22♑19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n29	6n 2	5s 9	6s28	2s32	11s20	0s 8	22n54	1n12	3s49	1s 7	2n22	2s16	23n23	0n11	14s 9	0s40	22s23	1n 4	19s32	19s53	20s18	15s50	6n 0
S 2	6 51	1 28	4 55	6 1	2 35	11 1	0 13	23 0	1 12	3 43	1 7	2 25	2 16	23 24	0 11	14 8	0 40	22 23	1 4	19 31	19 52	20 19	15 49	6 0
S 3	7 13	3s 6	4 26	5 33	2 38	10 42	0 18	23 6	1 12	3 38	1 8	2 28	2 16	23 24	0 11	14 8	0 40	22 23	1 4	19 29	19 51	20 19	15 48	6 1
M 4	7 36	7 27	3 45	5 4	2 40	10 23	0 22	23 12	1 12	3 32	1 8	2 31	2 16	23 24	0 11	14 7	0 40	22 23	1 4	19 28	19 51	20 20	15 47	6 1
T 5	7 58	11 27	2 54	4 33	2 42	10 3	0 27	23 18	1 13	3 27	1 8	2 33	2 16	23 24	0 11	14 7	0 40	22 23	1 4	19 26	19 50	20 20	15 47	6 2
W 6	8 20	14 54	1 56	4 0	2 42	9 43	0 31	23 23	1 13	3 22	1 8	2 36	2 16	23 24	0 11	14 6	0 40	22 23	1 4	19 25	19 49	20 21	15 46	6 2
T 7	8 42	17 42	0 53	3 27	2 43	9 23	0 35	23 29	1 13	3 16	1 8	2 39	2 16	23 24	0 11	14 6	0 41	22 23	1 4	19 25	19 48	20 21	15 45	6 3
F 8	9 3	19 42	0n11	2 52	2 43	9 2	0 40	23 34	1 13	3 11	1 8	2 42	2 16	23 25	0 11	14 5	0 41	22 24	1 4	19 25	19 48	20 21	15 45	6 3
S 9	9 25	20 50	1 15	2 15	2 42	8 41	0 44	23 39	1 13	3 6	1 8	2 45	2 16	23 25	0 11	14 5	0 41	22 24	1 3	19 25	19 47	20 22	15 44	6 4
S 10	9 47	21 3	2 16	1 38	2 40	8 20	0 48	23 44	1 13	3 0	1 8	2 48	2 16	23 25	0 11	14 4	0 41	22 24	1 3	19 25	19 46	20 22	15 44	6 4
M11	10 8	20 19	3 12	0 59	2 38	7 58	0 52	23 49	1 13	2 55	1 8	2 51	2 16	23 25	0 11	14 4	0 41	22 24	1 3	19 26	19 46	20 23	15 43	6 5
T 12	10 29	18 40	3 59	0 19	2 36	7 36	0 55	23 53	1 14	2 50	1 9	2 54	2 17	23 25	0 11	14 4	0 41	22 24	1 3	19 26	19 45	20 23	15 42	6 5
W13	10 50	16 8	4 37	0n22	2 33	7 14	0 59	23 58	1 14	2 45	1 9	2 57	2 17	23 25	0 11	14 3	0 41	22 24	1 3	19 26	19 44	20 24	15 42	6 6
T 14	11 11	12 49	5 3	1 4	2 29	6 52	1 3	24 2	1 14	2 39	1 9	3 0	2 17	23 26	0 11	14 3	0 41	22 24	1 3	19 26	19 43	20 24	15 41	6 6
F 15	11 31	8 49	5 14	1 48	2 25	6 29	1 6	24 6	1 14	2 34	1 9	3 2	2 17	23 26	0 11	14 2	0 41	22 24	1 3	19 26	19 43	20 24	15 41	6 7
S 16	11 52	4 16	5 9	2 32	2 21	6 6	1 10	24 10	1 14	2 29	1 9	3 5	2 17	23 26	0 11	14 2	0 41	22 24	1 3	19 25	19 42	20 25	15 40	6 7
S 17	12 12	0n39	4 47	3 18	2 15	5 43	1 13	24 13	1 14	2 24	1 9	3 8	2 17	23 26	0 11	14 2	0 41	22 24	1 3	19 24	19 41	20 25	15 39	6 8
M18	12 32	5 42	4 6	4 4	2 10	5 19	1 16	24 17	1 14	2 19	1 9	3 11	2 17	23 26	0 11	14 1	0 41	22 24	1 3	19 24	19 41	20 26	15 39	6 8
T 19	12 52	10 33	3 9	4 51	2 4	4 55	1 19	24 20	1 14	2 14	1 9	3 14	2 17	23 26	0 11	14 1	0 41	22 24	1 3	19 23	19 40	20 26	15 38	6 8
W20	13 12	14 52	1 57	5 39	1 57	4 31	1 22	24 23	1 14	2 9	1 9	3 16	2 17	23 27	0 11	14 1	0 41	22 25	1 3	19 22	19 39	20 26	15 38	6 9
T 21	13 31	18 15	0 37	6 28	1 50	4 7	1 25	24 26	1 14	2 4	1 10	3 19	2 17	23 27	0 11	14 0	0 41	22 25	1 3	19 22	19 38	20 27	15 37	6 9
F 22	13 50	20 22	0s46	7 18	1 42	3 43	1 28	24 29	1 15	1 59	1 10	3 22	2 17	23 27	0 11	14 0	0 41	22 25	1 3	19 22	19 38	20 27	15 37	6 10
S 23	14 9	21 3	2 5	8 8	1 34	3 18	1 30	24 32	1 15	1 54	1 10	3 25	2 17	23 27	0 11	14 0	0 41	22 25	1 3	19 22	19 37	20 28	15 36	6 10
S 24	14 28	20 16	3 14	8 59	1 26	2 54	1 33	24 34	1 15	1 49	1 10	3 27	2 17	23 27	0 11	13 59	0 41	22 25	1 2	19 23	19 36	20 28	15 36	6 11
M25	14 46	18 12	4 10	9 50	1 17	2 29	1 35	24 36	1 15	1 44	1 10	3 30	2 18	23 28	0 11	13 59	0 41	22 25	1 2	19 23	19 35	20 28	15 36	6 11
T 26	15 5	15 5	4 50	10 41	1 7	2 4	1 37	24 38	1 15	1 39	1 10	3 33	2 18	23 28	0 11	13 59	0 41	22 25	1 2	19 23	19 35	20 29	15 35	6 12
W27	15 23	11 15	5 12	11 33	0 58	1 39	1 40	24 40	1 15	1 34	1 10	3 35	2 18	23 28	0 11	13 59	0 41	22 25	1 2	19 23	19 34	20 29	15 35	6 12
T 28	15 41	6 57	5 16	12 25	0 48	1 13	1 42	24 42	1 15	1 29	1 11	3 38	2 18	23 28	0 11	13 58	0 41	22 25	1 2	19 23	19 33	20 29	15 34	6 13
F 29	15 58	2 26	5 5	13 16	0 38	0 48	1 44	24 43	1 15	1 25	1 11	3 41	2 18	23 28	0 11	13 58	0 41	22 25	1 2	19 23	19 32	20 30	15 34	6 13
S 30	16n15	2s 6	4s39	14n 7	0s27	0s22	1s46	24n45	1n15	1s20	1s11	3n43	2s18	23n29	0n11	13s58	0s41	22s25	1n 2	19s22	19s32	20s30	15s33	6n14

Julian Day Number = 2095894.5, Delta T = 22m21s
Ecliptic obliquity = 23°33'51, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'03, Lahiri = 10°17'04 Julian Calendar 1 Apr. 1026 == Greg. Calendar 7 Apr. 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

MAY 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 56 24	15♉24'10	7♎ 0	11♉ 5	4♈15	26♊26	29♓35	14♈52	21♊36	24♒49	5°R16	26°R 3	26♏41	4♐59	22°R18	S 1
M 2	15 0 21	16°21'48	19°14	13°15	5°23	27° 4	29°47	14°59	21°39	24°50	5♑15	26♏ 1	26°38	5° 6	22♑17	M 2
T 3	15 4 17	17°19'23	1♏18	15°26	6°32	27°41	29°59	15° 6	21°42	24°51	5°15	26° 0	26°35	5°12	22°17	T 3
W 4	15 8 14	18°16'58	13°15	17°37	7°40	28°18	0♈11	15°13	21°45	24°51	5°14	26° 0	26°32	5°19	22°16	W 4
T 5	15 12 11	19°14'31	25° 7	19°48	8°49	28°56	0°23	15°20	21°49	24°52	5°13	25°D59	26°28	5°26	22°15	T 5
F 6	15 16 7	20°12'03	6♐55	22° 0	9°58	29°33	0°35	15°26	21°52	24°53	5°12	26° 0	26°25	5°32	22°14	F 6
S 7	15 20 4	21° 9'34	18°43	24°12	11° 7	0♋11	0°46	15°33	21°55	24°53	5°11	26° 0	26°22	5°39	22°13	S 7
S 8	15 24 0	22° 7'03	0♑33	26°23	12°16	0°48	0°58	15°40	21°58	24°54	5°10	26° 0	26°19	5°46	22°12	S 8
M 9	15 27 57	23° 4'32	12°28	28°33	13°25	1°25	1°10	15°46	22° 1	24°54	5° 9	26° 1	26°16	5°52	22°11	M 9
T 10	15 31 53	24° 2'00	24°31	0♊43	14°34	2° 3	1°21	15°53	22° 5	24°55	5° 8	26° 1	26°13	5°59	22°10	T 10
W11	15 35 50	24°59'27	6♒47	2°51	15°43	2°40	1°32	16° 0	22° 8	24°55	5° 7	26° 1	26° 9	6° 5	22° 9	W11
T 12	15 39 46	25°56'54	19°18	4°58	16°53	3°18	1°44	16° 6	22°11	24°55	5° 6	26° 1	26° 6	6°12	22° 7	T 12
F 13	15 43 43	26°54'19	2♓10	7° 3	18° 2	3°55	1°55	16°12	22°15	24°56	5° 5	26° 1	26° 3	6°19	22° 6	F 13
S 14	15 47 40	27°51'44	15°24	9° 7	19°12	4°33	2° 6	16°19	22°18	24°56	5° 4	26° 1	26° 0	6°25	22° 5	S 14
S 15	15 51 36	28°49'08	29° 5	11° 8	20°21	5°10	2°17	16°25	22°21	24°56	5° 3	26° 1	25°57	6°32	22° 3	S 15
M16	15 55 33	29°46'32	13♈12	13° 7	21°31	5°47	2°28	16°32	22°25	24°56	5° 1	26° 2	25°54	6°39	22° 2	M16
T 17	15 59 29	0♊43'54	27°43	15° 5	22°40	6°25	2°38	16°38	22°28	24°57	5° 0	26° 2	25°50	6°45	22° 0	T 17
W18	16 3 26	1°41'17	12♉35	16°59	23°50	7° 2	2°49	16°44	22°32	24°57	4°59	26° 2	25°47	6°52	21°58	W18
T 19	16 7 22	2°38'38	27°41	18°52	25° 0	7°40	2°59	16°50	22°35	24°57	4°58	26°R 3	25°44	6°59	21°56	T 19
F 20	16 11 19	3°35'59	12♊53	20°42	26°10	8°17	3°10	16°56	22°38	24°57	4°57	26° 2	25°41	7° 5	21°55	F 20
S 21	16 15 15	4°33'19	28° 0	22°30	27°20	8°55	3°20	17° 2	22°42	24°57	4°56	26° 2	25°38	7°12	21°53	S 21
S 22	16 19 12	5°30'38	12♋54	24°15	28°30	9°32	3°31	17° 8	22°45	24°57	4°54	26° 1	25°34	7°19	21°51	S 22
M23	16 23 9	6°27'56	27°27	25°57	29°40	10°10	3°41	17°14	22°49	24°R57	4°53	26° 0	25°31	7°25	21°49	M23
T 24	16 27 5	7°25'14	11♌37	27°37	0♉50	10°47	3°51	17°20	22°52	24°57	4°52	25°59	25°28	7°32	21°47	T 24
W25	16 31 2	8°22'30	25°19	29°15	2° 0	11°24	4° 1	17°26	22°56	24°57	4°51	25°58	25°25	7°39	21°45	W25
T 26	16 34 58	9°19'45	8♍36	0♋49	3°10	12° 2	4°10	17°31	22°59	24°57	4°49	25°D57	25°22	7°45	21°42	T 26
F 27	16 38 55	10°16'59	21°29	2°22	4°21	12°39	4°20	17°37	23° 3	24°57	4°48	25°58	25°19	7°52	21°40	F 27
S 28	16 42 51	11°14'13	4♎ 2	3°51	5°31	13°17	4°29	17°43	23° 6	24°57	4°47	25°59	25°15	7°59	21°38	S 28
S 29	16 46 48	12°11'26	16°19	5°18	6°41	13°54	4°39	17°48	23°10	24°57	4°45	26° 0	25°12	8° 5	21°36	S 29
M30	16 50 44	13° 8'38	28°23	6°42	7°52	14°32	4°48	17°54	23°14	24°56	4°44	26° 1	25° 9	8°12	21°33	M30
T 31	16 54 41	14♊ 5'49	10♏19	8♋ 4	9♉ 2	15♋ 9	4♈57	17♈59	23♊17	24♒56	4♑43	26♏ 2	25♏ 6	8♐18	21♑31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n32	6s27	4s 0	14n58	0s17	0n 3	1s47	24n46	1n15	1s15	1s11	3n46	2s18	23n29	0n11	13s58	0s41	22s26	1n 2	19s22	19s31	20s30	15s33	6n14
M 2	16 49	10 30	3 10	15 48	0 6	0 29	1 49	24 47	1 15	1 10	1 11	3 48	2 18	23 29	0 11	13 58	0 41	22 26	1 2	19 22	19 30	20 31	15 33	6 15
T 3	17 6	14 4	2 13	16 37	0n 4	0 55	1 51	24 48	1 15	1 6	1 11	3 51	2 18	23 29	0 11	13 57	0 41	22 26	1 2	19 21	19 30	20 31	15 32	6 15
W 4	17 22	17 1	1 10	17 25	0 15	1 21	1 52	24 48	1 15	1 1	1 12	3 54	2 19	23 29	0 11	13 57	0 41	22 26	1 2	19 21	19 29	20 31	15 32	6 16
T 5	17 38	19 13	0 5	18 11	0 25	1 47	1 54	24 49	1 15	0 57	1 12	3 56	2 19	23 30	0 11	13 57	0 41	22 26	1 2	19 21	19 28	20 32	15 32	6 16
F 6	17 53	20 35	1n 0	18 56	0 35	2 13	1 55	24 49	1 15	0 52	1 12	3 59	2 19	23 30	0 11	13 57	0 41	22 26	1 2	19 21	19 27	20 32	15 31	6 17
S 7	18 9	21 2	2 3	19 39	0 45	2 39	1 56	24 49	1 15	0 47	1 12	4 1	2 19	23 30	0 11	13 57	0 41	22 26	1 2	19 21	19 27	20 32	15 31	6 17
S 8	18 24	20 33	3 1	20 20	0 55	3 5	1 57	24 49	1 15	0 43	1 12	4 4	2 19	23 30	0 11	13 57	0 42	22 26	1 1	19 21	19 26	20 33	15 31	6 17
M 9	18 38	19 9	3 51	20 59	1 4	3 31	1 58	24 49	1 15	0 39	1 12	4 6	2 19	23 30	0 11	13 56	0 42	22 26	1 1	19 22	19 25	20 33	15 31	6 18
T 10	18 53	16 53	4 31	21 36	1 13	3 57	1 59	24 48	1 15	0 34	1 13	4 8	2 19	23 31	0 11	13 56	0 42	22 27	1 1	19 22	19 24	20 33	15 30	6 18
W11	19 7	13 50	5 0	22 10	1 21	4 23	2 0	24 47	1 15	0 30	1 13	4 11	2 19	23 31	0 11	13 56	0 42	22 27	1 1	19 22	19 24	20 34	15 30	6 19
T 12	19 21	10 6	5 16	22 41	1 29	4 49	2 0	24 47	1 15	0 25	1 13	4 13	2 20	23 31	0 11	13 56	0 42	22 27	1 1	19 22	19 23	20 34	15 30	6 19
F 13	19 34	5 50	5 16	23 10	1 36	5 15	2 1	24 46	1 15	0 21	1 13	4 15	2 20	23 31	0 11	13 56	0 42	22 27	1 1	19 22	19 22	20 34	15 30	6 20
S 14	19 47	1 10	5 0	23 37	1 42	5 41	2 1	24 44	1 15	0 17	1 13	4 18	2 20	23 31	0 11	13 56	0 42	22 27	1 1	19 22	19 21	20 34	15 29	6 20
S 15	20 0	3n42	4 27	24 0	1 48	6 7	2 2	24 43	1 15	0 13	1 13	4 20	2 20	23 32	0 11	13 56	0 42	22 27	1 1	19 22	19 21	20 35	15 29	6 20
M16	20 12	8 33	3 36	24 21	1 53	6 33	2 2	24 41	1 15	0 9	1 14	4 22	2 20	23 32	0 11	13 56	0 42	22 27	1 1	19 22	19 20	20 35	15 29	6 21
T 17	20 25	13 4	2 31	24 40	1 57	6 58	2 2	24 40	1 15	0 4	1 14	4 25	2 20	23 32	0 11	13 56	0 42	22 27	1 1	19 22	19 19	20 35	15 29	6 21
W18	20 36	16 52	1 14	24 55	2 0	7 24	2 2	24 38	1 15	0 0	1 14	4 27	2 21	23 32	0 11	13 56	0 42	22 28	1 1	19 22	19 18	20 36	15 29	6 22
T 19	20 48	19 36	0s 9	25 8	2 3	7 50	2 2	24 36	1 15	0n 4	1 14	4 29	2 21	23 32	0 11	13 56	0 42	22 28	1 1	19 22	19 18	20 36	15 29	6 22
F 20	20 59	20 56	1 32	25 19	2 5	8 15	2 2	24 33	1 15	0 8	1 14	4 31	2 21	23 33	0 11	13 56	0 42	22 28	1 0	19 22	19 17	20 36	15 29	6 22
S 21	21 10	20 45	2 48	25 27	2 6	8 41	2 2	24 31	1 15	0 12	1 15	4 33	2 21	23 33	0 11	13 56	0 42	22 28	1 0	19 22	19 16	20 36	15 28	6 23
S 22	21 20	19 5	3 52	25 33	2 7	9 6	2 2	24 28	1 15	0 15	1 15	4 35	2 21	23 33	0 11	13 56	0 42	22 28	1 0	19 22	19 15	20 37	15 28	6 23
M23	21 30	16 13	4 39	25 37	2 7	9 31	2 2	24 25	1 15	0 19	1 15	4 38	2 21	23 33	0 11	13 56	0 42	22 28	1 0	19 21	19 14	20 37	15 28	6 24
T 24	21 40	12 28	5 7	25 38	2 6	9 56	2 1	24 22	1 15	0 23	1 15	4 40	2 22	23 33	0 11	13 56	0 42	22 28	1 0	19 21	19 14	20 37	15 28	6 24
W25	21 49	8 10	5 17	25 38	2 4	10 21	2 1	24 19	1 15	0 27	1 15	4 42	2 22	23 34	0 11	13 56	0 42	22 28	1 0	19 21	19 13	20 37	15 28	6 24
T 26	21 58	3 36	5 10	25 35	2 1	10 45	2 0	24 16	1 15	0 31	1 16	4 44	2 22	23 34	0 11	13 56	0 42	22 29	1 0	19 21	19 12	20 37	15 28	6 25
F 27	22 6	0s59	4 46	25 31	1 58	11 10	1 59	24 12	1 15	0 34	1 16	4 46	2 22	23 34	0 11	13 56	0 42	22 29	1 0	19 21	19 11	20 38	15 28	6 25
S 28	22 15	5 26	4 10	25 25	1 54	11 34	1 59	24 8	1 15	0 38	1 16	4 48	2 22	23 34	0 11	13 56	0 42	22 29	1 0	19 21	19 11	20 38	15 28	6 25
S 29	22 22	9 34	3 23	25 17	1 50	11 58	1 58	24 4	1 15	0 41	1 16	4 50	2 23	23 34	0 11	13 56	0 42	22 29	1 0	19 21	19 10	20 38	15 28	6 26
M30	22 30	13 15	2 27	25 8	1 45	12 22	1 57	24 0	1 15	0 45	1 17	4 51	2 23	23 35	0 11	13 56	0 42	22 29	1 0	19 22	19 9	20 38	15 28	6 26
T 31	22n37	16s21	1s26	24n58	1n39	12n45	1s56	23n56	1n15	0n48	1s17	4n53	2s23	23n35	0n11	13s56	0s42	22s29	1n 0	19s22	19s 8	20s39	15s28	6n27

Julian Day Number = 2095924.5, Delta T = 22m21s
Ecliptic obliquity = 23°33'51, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'07, Lahiri = 10°17'08 Julian Calendar 1 May 1026 == Greg. Calendar 7 May 1026

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1026
geocentric

JUNE 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 58 38	15♊ 3'00	22♏ 9	9♋23	10♉13	15♋47	5♈ 6	18♈ 4	23♊21	24°R56	4°R41	26°R 3	25♏ 3	8♐25	21°R28	W 1
T 2	17 2 34	16° 0'11	3♐57	10°39	11°23	16°24	5°15	18°10	23°24	24♒56	4♑40	26♏ 3	25° 0	8°32	21♑26	T 2
F 3	17 6 31	16°57'21	15°45	11°52	12°34	17° 2	5°24	18°15	23°28	24°55	4°39	26° 2	24°56	8°38	21°23	F 3
S 4	17 10 27	17°54'31	27°35	13° 2	13°45	17°39	5°33	18°20	23°31	24°55	4°37	26° 0	24°53	8°45	21°21	S 4
S 5	17 14 24	18°51'40	9♑31	14°10	14°55	18°17	5°41	18°25	23°35	24°54	4°36	25°56	24°50	8°52	21°18	S 5
M 6	17 18 20	19°48'50	21°33	15°14	16° 6	18°54	5°50	18°30	23°39	24°54	4°34	25°53	24°47	8°58	21°15	M 6
T 7	17 22 17	20°45'59	3♒43	16°15	17°17	19°32	5°58	18°35	23°42	24°54	4°33	25°49	24°44	9° 5	21°13	T 7
W 8	17 26 13	21°43'08	16° 5	17°13	18°28	20° 9	6° 6	18°40	23°46	24°53	4°31	25°45	24°40	9°12	21°10	W 8
T 9	17 30 10	22°40'17	28°41	18° 8	19°39	20°47	6°14	18°44	23°49	24°52	4°30	25°42	24°37	9°18	21° 7	T 9
F 10	17 34 7	23°37'27	11♓33	18°59	20°50	21°24	6°22	18°49	23°53	24°52	4°29	25°40	24°34	9°25	21° 4	F 10
S 11	17 38 3	24°34'36	24°44	19°47	22° 1	22° 2	6°30	18°54	23°57	24°51	4°27	25°D40	24°31	9°32	21° 1	S 11
S 12	17 42 0	25°31'46	8♈17	20°31	23°12	22°39	6°37	18°58	24° 0	24°51	4°26	25°40	24°28	9°38	20°58	S 12
M13	17 45 56	26°28'56	22°13	21°11	24°23	23°17	6°45	19° 3	24° 4	24°50	4°24	25°42	24°25	9°45	20°55	M13
T 14	17 49 53	27°26'06	6♉32	21°48	25°35	23°55	6°52	19° 7	24° 7	24°49	4°23	25°43	24°21	9°52	20°52	T 14
W15	17 53 49	28°23'17	21°12	22°20	26°46	24°32	6°59	19°11	24°11	24°49	4°21	25°R44	24°18	9°58	20°49	W15
T 16	17 57 46	29°20'28	6♊ 8	22°48	27°57	25°10	7° 6	19°15	24°15	24°48	4°20	25°44	24°15	10° 5	20°46	T 16
F 17	18 1 42	0♋17'39	21°15	23°12	29° 9	25°47	7°13	19°19	24°18	24°47	4°18	25°42	24°12	10°12	20°43	F 17
S 18	18 5 39	1°14'51	6♋22	23°32	0♊20	26°25	7°20	19°23	24°22	24°46	4°17	25°38	24° 9	10°18	20°40	S 18
S 19	18 9 36	2°12'02	21°20	23°47	1°32	27° 3	7°26	19°27	24°25	24°46	4°15	25°34	24° 6	10°25	20°37	S 19
M20	18 13 32	3° 9'14	6♌ 2	23°58	2°43	27°40	7°33	19°31	24°29	24°45	4°14	25°28	24° 2	10°31	20°33	M20
T 21	18 17 29	4° 6'26	20°19	24° 3	3°55	28°18	7°39	19°35	24°33	24°44	4°12	25°23	23°59	10°38	20°30	T 21
W22	18 21 25	5° 3'37	4♍ 9	24°R 4	5° 6	28°55	7°45	19°39	24°36	24°43	4°11	25°18	23°56	10°45	20°27	W22
T 23	18 25 22	6° 0'49	17°31	24° 1	6°18	29°33	7°51	19°42	24°40	24°42	4°10	25°15	23°53	10°51	20°24	T 23
F 24	18 29 18	6°58'00	0♎26	23°52	7°30	0♌11	7°56	19°46	24°43	24°41	4° 8	25°13	23°50	10°58	20°20	F 24
S 25	18 33 15	7°55'12	12°59	23°39	8°41	0°48	8° 2	19°49	24°47	24°40	4° 7	25°D13	23°46	11° 5	20°17	S 25
S 26	18 37 11	8°52'24	25°13	23°21	9°53	1°26	8° 7	19°52	24°50	24°39	4° 5	25°14	23°43	11°11	20°14	S 26
M27	18 41 8	9°49'36	7♏13	22°59	11° 5	2° 4	8°13	19°56	24°54	24°38	4° 4	25°16	23°40	11°18	20°10	M27
T 28	18 45 5	10°46'49	19° 5	22°32	12°17	2°42	8°18	19°59	24°57	24°37	4° 2	25°17	23°37	11°25	20° 7	T 28
W29	18 49 1	11°44'01	0♐53	22° 2	13°29	3°19	8°23	20° 2	25° 1	24°36	4° 1	25°R17	23°34	11°31	20° 4	W29
T 30	18 52 58	12♋41'15	12♐40	21♋28	14♊41	3♌57	8♈27	20♈ 5	25♊ 4	24♒35	3♑59	25♏15	23♏31	11♐38	20♑ 0	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n43	18s45	0s22	24n46	1n32	13n 9	1s55	23n52	1n15	0n52	1s17	4n55	2s23	23n35	0n11	13s57	0s42	22s29	0n59	19s22	19s 8	20s39	15s28	6n27
T 2	22 49	20 20	0n43	24 33	1 25	13 32	1 54	23 47	1 15	0 55	1 17	4 57	2 23	23 35	0 11	13 57	0 42	22 30	0 59	19 22	19 7	20 39	15 28	6 27
F 3	22 55	21 2	1 47	24 19	1 17	13 54	1 52	23 42	1 15	0 58	1 17	4 59	2 24	23 35	0 11	13 57	0 42	22 30	0 59	19 22	19 6	20 39	15 28	6 27
S 4	23 1	20 47	2 45	24 4	1 9	14 17	1 51	23 37	1 15	1 2	1 18	5 0	2 24	23 35	0 11	13 57	0 42	22 30	0 59	19 21	19 5	20 39	15 28	6 28
S 5	23 6	19 37	3 37	23 48	1 0	14 39	1 50	23 32	1 14	1 5	1 18	5 2	2 24	23 36	0 11	13 57	0 42	22 30	0 59	19 20	19 4	20 39	15 29	6 28
M 6	23 10	17 33	4 20	23 31	0 50	15 1	1 48	23 27	1 14	1 8	1 18	5 4	2 24	23 36	0 11	13 57	0 43	22 30	0 59	19 20	19 4	20 40	15 29	6 28
T 7	23 14	14 42	4 51	23 14	0 40	15 22	1 47	23 22	1 14	1 11	1 18	5 6	2 24	23 36	0 11	13 58	0 43	22 30	0 59	19 19	19 3	20 40	15 29	6 29
W 8	23 18	11 10	5 10	22 56	0 30	15 44	1 45	23 16	1 14	1 14	1 19	5 7	2 25	23 36	0 11	13 58	0 43	22 30	0 59	19 18	19 2	20 40	15 29	6 29
T 9	23 22	7 5	5 14	22 38	0 18	16 5	1 44	23 10	1 14	1 17	1 19	5 9	2 25	23 36	0 11	13 58	0 43	22 30	0 59	19 17	19 1	20 40	15 29	6 29
F 10	23 25	2 37	5 2	22 19	0 7	16 25	1 42	23 4	1 14	1 20	1 19	5 10	2 25	23 37	0 11	13 58	0 43	22 31	0 59	19 17	19 1	20 40	15 29	6 29
S 11	23 27	2n 6	4 35	22 0	0s 6	16 45	1 40	22 58	1 14	1 23	1 19	5 12	2 25	23 37	0 11	13 58	0 43	22 31	0 59	19 17	19 0	20 40	15 29	6 30
S 12	23 29	6 51	3 51	21 41	0 18	17 5	1 38	22 52	1 14	1 25	1 20	5 13	2 26	23 37	0 11	13 59	0 43	22 31	0 58	19 17	18 59	20 41	15 30	6 30
M13	23 31	11 22	2 53	21 22	0 32	17 24	1 37	22 45	1 14	1 28	1 20	5 15	2 26	23 37	0 11	13 59	0 43	22 31	0 58	19 17	18 58	20 41	15 30	6 30
T 14	23 32	15 23	1 43	21 3	0 45	17 43	1 35	22 39	1 14	1 31	1 20	5 16	2 26	23 37	0 11	13 59	0 43	22 31	0 58	19 17	18 57	20 41	15 30	6 30
W15	23 33	18 33	0 25	20 44	0 59	18 2	1 33	22 32	1 14	1 33	1 20	5 18	2 26	23 37	0 11	13 59	0 43	22 31	0 58	19 17	18 57	20 41	15 30	6 31
T 16	23 34	20 31	0s57	20 25	1 13	18 20	1 31	22 25	1 14	1 36	1 21	5 19	2 26	23 38	0 11	14 0	0 43	22 31	0 58	19 17	18 56	20 41	15 30	6 31
F 17	23 34	21 2	2 15	20 7	1 28	18 38	1 29	22 18	1 13	1 38	1 21	5 20	2 27	23 38	0 11	14 0	0 43	22 32	0 58	19 17	18 55	20 41	15 31	6 31
S 18	23 33	20 1	3 24	19 49	1 43	18 55	1 26	22 11	1 13	1 41	1 21	5 22	2 27	23 38	0 11	14 0	0 43	22 32	0 58	19 16	18 54	20 41	15 31	6 31
S 19	23 33	17 37	4 18	19 32	1 58	19 12	1 24	22 3	1 13	1 43	1 21	5 23	2 27	23 38	0 11	14 1	0 43	22 32	0 58	19 15	18 54	20 41	15 31	6 32
M20	23 32	14 7	4 53	19 15	2 13	19 28	1 22	21 56	1 13	1 46	1 22	5 24	2 27	23 38	0 11	14 1	0 43	22 32	0 58	19 14	18 53	20 42	15 32	6 32
T 21	23 30	9 53	5 10	18 59	2 28	19 44	1 20	21 48	1 13	1 48	1 22	5 25	2 28	23 38	0 11	14 1	0 43	22 32	0 58	19 12	18 52	20 42	15 32	6 32
W22	23 28	5 16	5 7	18 44	2 42	19 59	1 18	21 40	1 13	1 50	1 22	5 27	2 28	23 39	0 11	14 2	0 43	22 32	0 57	19 11	18 51	20 42	15 32	6 32
T 23	23 26	0 32	4 48	18 31	2 57	20 14	1 15	21 32	1 13	1 52	1 22	5 28	2 28	23 39	0 11	14 2	0 43	22 33	0 57	19 11	18 50	20 42	15 32	6 32
F 24	23 23	4s 4	4 14	18 18	3 12	20 29	1 13	21 24	1 13	1 54	1 23	5 29	2 28	23 39	0 11	14 2	0 43	22 33	0 57	19 10	18 50	20 42	15 33	6 32
S 25	23 20	8 22	3 29	18 6	3 26	20 42	1 10	21 16	1 13	1 56	1 23	5 30	2 29	23 39	0 11	14 3	0 43	22 33	0 57	19 10	18 49	20 42	15 33	6 32
S 26	23 16	12 13	2 36	17 56	3 39	20 56	1 8	21 7	1 12	1 58	1 23	5 31	2 29	23 39	0 11	14 3	0 43	22 33	0 57	19 10	18 48	20 42	15 33	6 33
M27	23 12	15 31	1 36	17 47	3 52	21 8	1 6	20 59	1 12	2 0	1 24	5 32	2 29	23 39	0 11	14 3	0 43	22 33	0 57	19 11	18 47	20 42	15 34	6 33
T 28	23 7	18 7	0 34	17 40	4 3	21 21	1 3	20 50	1 12	2 1	1 24	5 33	2 29	23 39	0 11	14 4	0 43	22 33	0 57	19 11	18 46	20 42	15 34	6 33
W29	23 3	19 57	0n30	17 34	4 14	21 32	1 1	20 41	1 12	2 3	1 24	5 34	2 30	23 40	0 11	14 4	0 43	22 33	0 57	19 11	18 46	20 42	15 35	6 33
T 30	22n57	20s54	1n33	17n30	4s24	21n43	0s58	20n32	1n12	2n 5	1s24	5n35	2s30	23n40	0n11	14s 5	0s43	22s34	0n57	19s11	18s45	20s42	15s35	6n33

Julian Day Number = 2095955.5, Delta T = 22m20s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'12, Lahiri = 10°17'12 Julian Calendar 1 June 1026 == Greg. Calendar 7 June 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

JULY 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 56 54	13♋38'28	24♐31	20°R51	15♊53	4♌35	8♈32	20♈ 8	25♊ 8	24°R34	3°R58	25°R11	23♏27	11♐45	19°R57	F 1
S 2	19 0 51	14°35'42	6♑28	20♋12	17° 5	5°12	8°36	20°10	25°11	24♒33	3♑56	25♏ 5	23°24	11°51	19♑53	S 2
S 3	19 4 47	15°32'57	18°32	19°31	18°17	5°50	8°40	20°13	25°15	24°31	3°55	24°58	23°21	11°58	19°50	S 3
M 4	19 8 44	16°30'12	0♒46	18°48	19°29	6°28	8°44	20°16	25°18	24°30	3°53	24°49	23°18	12° 5	19°47	M 4
T 5	19 12 41	17°27'28	13°10	18° 6	20°41	7° 6	8°48	20°18	25°22	24°29	3°52	24°39	23°15	12°11	19°43	T 5
W 6	19 16 37	18°24'45	25°45	17°23	21°54	7°43	8°52	20°20	25°25	24°28	3°51	24°30	23°12	12°18	19°40	W 6
T 7	19 20 34	19°22'02	8♓32	16°42	23° 6	8°21	8°55	20°23	25°28	24°27	3°49	24°23	23° 8	12°25	19°36	T 7
F 8	19 24 30	20°19'21	21°33	16° 2	24°18	8°59	8°59	20°25	25°32	24°25	3°48	24°17	23° 5	12°31	19°33	F 8
S 9	19 28 27	21°16'41	4♈47	15°25	25°31	9°37	9° 2	20°27	25°35	24°24	3°46	24°14	23° 2	12°38	19°29	S 9
S 10	19 32 23	22°14'01	18°18	14°52	26°43	10°15	9° 5	20°29	25°38	24°23	3°45	24°D12	22°59	12°45	19°26	S 10
M11	19 36 20	23°11'23	2♉ 6	14°22	27°56	10°53	9° 7	20°31	25°42	24°21	3°44	24°13	22°56	12°51	19°23	M11
T 12	19 40 16	24° 8'47	16°12	13°57	29° 8	11°30	9°10	20°33	25°45	24°20	3°42	24°13	22°52	12°58	19°19	T 12
W13	19 44 13	25° 6'11	0♊35	13°37	0♋21	12° 8	9°12	20°34	25°48	24°19	3°41	24°R13	22°49	13° 4	19°16	W13
T 14	19 48 10	26° 3'37	15°13	13°23	1°33	12°46	9°14	20°36	25°52	24°17	3°40	24°12	22°46	13°11	19°12	T 14
F 15	19 52 6	27° 1'04	0♋ 2	13°14	2°46	13°24	9°16	20°37	25°55	24°16	3°38	24° 8	22°43	13°18	19° 9	F 15
S 16	19 56 3	27°58'32	14°55	13°D12	3°59	14° 2	9°18	20°39	25°58	24°14	3°37	24° 1	22°40	13°24	19° 6	S 16
S 17	19 59 59	28°56'02	29°43	13°16	5°12	14°40	9°20	20°40	26° 1	24°13	3°36	23°53	22°37	13°31	19° 2	S 17
M18	20 3 56	29°53'32	14♌19	13°26	6°24	15°18	9°21	20°41	26° 4	24°12	3°34	23°43	22°33	13°38	18°59	M18
T 19	20 7 52	0♌51'03	28°35	13°44	7°37	15°56	9°22	20°42	26° 7	24°10	3°33	23°33	22°30	13°44	18°56	T 19
W20	20 11 49	1°48'36	12♍26	14° 8	8°50	16°34	9°23	20°43	26°11	24° 9	3°32	23°24	22°27	13°51	18°52	W20
T 21	20 15 45	2°46'09	25°50	14°39	10° 3	17°12	9°24	20°44	26°14	24° 7	3°31	23°16	22°24	13°58	18°49	T 21
F 22	20 19 42	3°43'43	8♎47	15°17	11°16	17°50	9°24	20°45	26°17	24° 6	3°29	23°12	22°21	14° 4	18°46	F 22
S 23	20 23 39	4°41'18	21°21	16° 1	12°29	18°28	9°25	20°45	26°20	24° 4	3°28	23° 9	22°18	14°11	18°43	S 23
S 24	20 27 35	5°38'54	3♏36	16°53	13°42	19° 6	9°R25	20°46	26°23	24° 3	3°27	23°D 8	22°14	14°18	18°39	S 24
M25	20 31 32	6°36'31	15°36	17°50	14°55	19°44	9°25	20°46	26°26	24° 1	3°26	23° 8	22°11	14°24	18°36	M25
T 26	20 35 28	7°34'09	27°28	18°54	16° 8	20°22	9°25	20°46	26°29	23°59	3°25	23°R 8	22° 8	14°31	18°33	T 26
W27	20 39 25	8°31'49	9♐16	20° 4	17°22	21° 0	9°24	20°47	26°31	23°58	3°23	23° 7	22° 5	14°38	18°30	W27
T 28	20 43 21	9°29'29	21° 5	21°20	18°35	21°38	9°24	20°R47	26°34	23°56	3°22	23° 4	22° 2	14°44	18°27	T 28
F 29	20 47 18	10°27'11	3♑ 0	22°41	19°48	22°16	9°23	20°47	26°37	23°55	3°21	22°59	21°58	14°51	18°24	F 29
S 30	20 51 14	11°24'54	15° 4	24° 8	21° 1	22°55	9°22	20°47	26°40	23°53	3°20	22°50	21°55	14°58	18°21	S 30
S 31	20 55 11	12♌22'38	27♑19	25♋39	22♋15	23♌33	9♈21	20♈46	26♊43	23♒52	3♑19	22♏40	21♏52	15♐ 4	18♑18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n52	20s56	2n31	17n27	4s33	21n54	0s55	20n23	1n12	2n 6	1s25	5n35	2s30	23n40	0n11	14s 5	0s43	22s34	0n57	19s10	18s44	20s42	15s35	6n33
S 2	22 46	20 1	3 23	17 26	4 40	22 3	0 53	20 13	1 12	2 8	1 25	5 36	2 30	23 40	0 11	14 5	0 43	22 34	0 56	19 8	18 43	20 43	15 36	6 33
S 3	22 39	18 12	4 7	17 26	4 45	22 13	0 50	20 4	1 11	2 9	1 25	5 37	2 31	23 40	0 11	14 6	0 43	22 34	0 56	19 6	18 42	20 43	15 36	6 33
M 4	22 32	15 32	4 40	17 28	4 49	22 21	0 47	19 54	1 11	2 10	1 26	5 38	2 31	23 40	0 11	14 6	0 43	22 34	0 56	19 4	18 42	20 43	15 37	6 33
T 5	22 25	12 10	5 0	17 31	4 51	22 29	0 45	19 45	1 11	2 12	1 26	5 38	2 31	23 40	0 12	14 7	0 43	22 34	0 56	19 2	18 41	20 43	15 37	6 33
W 6	22 17	8 12	5 6	17 36	4 52	22 37	0 42	19 35	1 11	2 13	1 26	5 39	2 32	23 41	0 12	14 7	0 43	22 34	0 56	19 0	18 40	20 43	15 37	6 33
T 7	22 9	3 49	4 57	17 42	4 51	22 44	0 39	19 25	1 11	2 14	1 26	5 40	2 32	23 41	0 12	14 7	0 43	22 35	0 56	18 58	18 39	20 43	15 38	6 33
F 8	22 1	0n48	4 32	17 50	4 48	22 50	0 37	19 14	1 11	2 15	1 27	5 40	2 32	23 41	0 12	14 8	0 43	22 35	0 56	18 56	18 38	20 43	15 38	6 33
S 9	21 52	5 29	3 53	17 59	4 43	22 55	0 34	19 4	1 11	2 16	1 27	5 41	2 32	23 41	0 12	14 8	0 43	22 35	0 56	18 56	18 38	20 43	15 39	6 34
S 10	21 43	9 59	3 0	18 9	4 37	23 0	0 31	18 54	1 10	2 17	1 27	5 41	2 33	23 41	0 12	14 9	0 44	22 35	0 56	18 55	18 37	20 43	15 39	6 34
M11	21 34	14 4	1 56	18 20	4 29	23 4	0 29	18 43	1 10	2 18	1 28	5 42	2 33	23 41	0 12	14 9	0 44	22 35	0 56	18 55	18 36	20 43	15 40	6 34
T 12	21 24	17 27	0 43	18 32	4 19	23 8	0 26	18 33	1 10	2 18	1 28	5 42	2 33	23 41	0 12	14 10	0 44	22 35	0 55	18 55	18 35	20 43	15 40	6 33
W13	21 13	19 50	0s34	18 44	4 9	23 11	0 23	18 22	1 10	2 19	1 28	5 42	2 33	23 41	0 12	14 10	0 44	22 35	0 55	18 55	18 34	20 43	15 41	6 33
T 14	21 3	20 55	1 50	18 58	3 57	23 13	0 20	18 11	1 10	2 20	1 28	5 43	2 34	23 42	0 12	14 11	0 44	22 36	0 55	18 55	18 34	20 43	15 41	6 33
F 15	20 52	20 35	2 59	19 11	3 44	23 14	0 18	18 0	1 10	2 20	1 29	5 43	2 34	23 42	0 12	14 11	0 44	22 36	0 55	18 54	18 33	20 43	15 42	6 33
S 16	20 40	18 49	3 56	19 25	3 30	23 15	0 15	17 49	1 9	2 21	1 29	5 43	2 34	23 42	0 12	14 12	0 44	22 36	0 55	18 53	18 32	20 43	15 42	6 33
S 17	20 29	15 48	4 37	19 39	3 16	23 15	0 12	17 37	1 9	2 21	1 29	5 43	2 35	23 42	0 12	14 12	0 44	22 36	0 55	18 50	18 31	20 43	15 43	6 33
M18	20 17	11 51	4 59	19 53	3 0	23 15	0 9	17 26	1 9	2 21	1 30	5 44	2 35	23 42	0 12	14 13	0 44	22 36	0 55	18 48	18 30	20 43	15 43	6 33
T 19	20 4	7 18	5 2	20 7	2 45	23 14	0 7	17 14	1 9	2 21	1 30	5 44	2 35	23 42	0 12	14 13	0 44	22 36	0 55	18 45	18 30	20 43	15 44	6 33
W20	19 52	2 31	4 47	20 21	2 29	23 12	0 4	17 3	1 9	2 21	1 30	5 44	2 35	23 42	0 12	14 14	0 44	22 36	0 55	18 43	18 29	20 43	15 44	6 33
T 21	19 39	2s15	4 16	20 34	2 12	23 9	0 1	16 51	1 9	2 22	1 30	5 44	2 36	23 42	0 12	14 14	0 44	22 37	0 54	18 41	18 28	20 43	15 45	6 33
F 22	19 25	6 46	3 33	20 46	1 56	23 6	0n 1	16 39	1 8	2 21	1 31	5 44	2 36	23 42	0 12	14 15	0 44	22 37	0 54	18 40	18 27	20 43	15 45	6 33
S 23	19 11	10 51	2 41	20 57	1 40	23 2	0 4	16 27	1 8	2 21	1 31	5 44	2 36	23 43	0 12	14 15	0 44	22 37	0 54	18 39	18 26	20 43	15 46	6 33
S 24	18 57	14 23	1 42	21 7	1 24	22 58	0 7	16 15	1 8	2 21	1 31	5 44	2 36	23 43	0 12	14 16	0 44	22 37	0 54	18 39	18 25	20 43	15 46	6 33
M25	18 43	17 14	0 40	21 15	1 8	22 53	0 9	16 3	1 8	2 21	1 32	5 44	2 37	23 43	0 12	14 16	0 44	22 37	0 54	18 39	18 25	20 43	15 47	6 32
T 26	18 28	19 19	0n23	21 22	0 52	22 47	0 12	15 50	1 8	2 21	1 32	5 44	2 37	23 43	0 12	14 17	0 44	22 37	0 54	18 39	18 24	20 43	15 48	6 32
W27	18 13	20 34	1 25	21 27	0 37	22 40	0 14	15 38	1 7	2 20	1 32	5 43	2 37	23 43	0 12	14 18	0 44	22 37	0 54	18 39	18 23	20 42	15 48	6 32
T 28	17 58	20 53	2 23	21 30	0 22	22 33	0 17	15 25	1 7	2 20	1 32	5 43	2 38	23 43	0 12	14 18	0 44	22 38	0 54	18 38	18 22	20 42	15 49	6 32
F 29	17 43	20 17	3 15	21 31	0 8	22 25	0 20	15 13	1 7	2 19	1 33	5 43	2 38	23 43	0 12	14 19	0 44	22 38	0 54	18 37	18 21	20 42	15 49	6 32
S 30	17 27	18 45	3 59	21 30	0n 6	22 16	0 22	15 0	1 7	2 18	1 33	5 43	2 38	23 43	0 12	14 19	0 44	22 38	0 53	18 35	18 21	20 42	15 50	6 32
S 31	17n11	16s21	4n32	21n26	0n19	22n 7	0n24	14n47	1n 7	2n18	1s33	5n42	2s38	23n43	0n12	14s20	0s44	22s38	0n53	18s32	18s20	20s42	15s50	6n32

Julian Day Number = 2095985.5, Delta T = 22m20s
Ecliptic obliquity = 23°33'49, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'16, Lahiri = 10°17'16 Julian Calendar 1 July 1026 == Greg. Calendar 7 July 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

AUGUST 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 59 8	13♌20'23	9♒47	27♋15	23♋28	24♌11	9°R19	20°R46	26♊46	23°R50	3°R18	22°R27	21♏49	15♐11	18°R15	M 1
T 2	21 3 4	14°18'10	22°28	28°55	24°42	24°49	9♈18	20♈46	26°48	23♒48	3♑17	22♏14	21°46	15°18	18♑12	T 2
W 3	21 7 1	15°15'59	5♓22	0♌39	25°55	25°27	9°16	20°45	26°51	23°47	3°16	22° 2	21°43	15°24	18° 9	W 3
T 4	21 10 57	16°13'49	18°29	2°26	27° 9	26° 6	9°14	20°44	26°54	23°45	3°15	21°51	21°39	15°31	18° 6	T 4
F 5	21 14 54	17°11'41	1♈46	4°15	28°22	26°44	9°12	20°44	26°56	23°43	3°14	21°43	21°36	15°38	18° 3	F 5
S 6	21 18 50	18° 9'34	15°14	6° 7	29°36	27°22	9° 9	20°43	26°59	23°42	3°13	21°37	21°33	15°44	18° 1	S 6
S 7	21 22 47	19° 7'30	28°53	8° 1	0♌50	28° 0	9° 7	20°42	27° 1	23°40	3°12	21°35	21°30	15°51	17°58	S 7
M 8	21 26 43	20° 5'27	12♉42	9°57	2° 3	28°39	9° 4	20°41	27° 4	23°39	3°11	21°34	21°27	15°58	17°55	M 8
T 9	21 30 40	21° 3'26	26°42	11°53	3°17	29°17	9° 1	20°40	27° 6	23°37	3°10	21°34	21°23	16° 4	17°53	T 9
W10	21 34 36	22° 1'27	10♊52	13°50	4°31	29°55	8°58	20°38	27° 9	23°35	3° 9	21°33	21°20	16°11	17°50	W10
T 11	21 38 33	22°59'31	25°12	15°48	5°45	0♍34	8°55	20°37	27°11	23°34	3° 9	21°31	21°17	16°18	17°47	T 11
F 12	21 42 30	23°57'36	9♋38	17°46	6°59	1°12	8°51	20°36	27°13	23°32	3° 8	21°26	21°14	16°24	17°45	F 12
S 13	21 46 26	24°55'43	24° 7	19°44	8°13	1°51	8°47	20°34	27°16	23°30	3° 7	21°18	21°11	16°31	17°42	S 13
S 14	21 50 23	25°53'52	8♌33	21°41	9°27	2°29	8°43	20°32	27°18	23°29	3° 6	21° 8	21° 8	16°38	17°40	S 14
M15	21 54 19	26°52'03	22°50	23°38	10°41	3° 8	8°39	20°31	27°20	23°27	3° 5	20°57	21° 4	16°44	17°38	M15
T 16	21 58 16	27°50'16	6♍52	25°34	11°55	3°46	8°35	20°29	27°22	23°25	3° 5	20°45	21° 1	16°51	17°35	T 16
W17	22 2 12	28°48'30	20°33	27°30	13° 9	4°25	8°31	20°27	27°25	23°24	3° 4	20°34	20°58	16°57	17°33	W17
T 18	22 6 9	29°46'46	3♎52	29°25	14°23	5° 3	8°26	20°25	27°27	23°22	3° 3	20°25	20°55	17° 4	17°31	T 18
F 19	22 10 5	0♍45'04	16°47	1♍19	15°37	5°42	8°21	20°23	27°29	23°20	3° 3	20°18	20°52	17°11	17°29	F 19
S 20	22 14 2	1°43'23	29°20	3°12	16°51	6°20	8°16	20°20	27°31	23°19	3° 2	20°14	20°49	17°17	17°27	S 20
S 21	22 17 59	2°41'44	11♏35	5° 4	18° 5	6°59	8°11	20°18	27°33	23°17	3° 2	20°13	20°45	17°24	17°25	S 21
M22	22 21 55	3°40'07	23°36	6°55	19°20	7°38	8° 6	20°15	27°35	23°16	3° 1	20°D13	20°42	17°31	17°23	M22
T 23	22 25 52	4°38'31	5♐28	8°44	20°34	8°16	8° 0	20°13	27°37	23°14	3° 1	20°R13	20°39	17°37	17°21	T 23
W24	22 29 48	5°36'57	17°17	10°33	21°48	8°55	7°55	20°10	27°38	23°12	3° 0	20°12	20°36	17°44	17°19	W24
T 25	22 33 45	6°35'25	29° 8	12°21	23° 2	9°34	7°49	20° 8	27°40	23°11	3° 0	20°10	20°33	17°51	17°17	T 25
F 26	22 37 41	7°33'54	11♑ 6	14° 7	24°17	10°12	7°43	20° 5	27°42	23° 9	2°59	20° 5	20°29	17°57	17°16	F 26
S 27	22 41 38	8°32'25	23°16	15°53	25°31	10°51	7°37	20° 2	27°44	23° 8	2°59	19°58	20°26	18° 4	17°14	S 27
S 28	22 45 34	9°30'58	5♒40	17°37	26°46	11°30	7°31	19°59	27°45	23° 6	2°58	19°49	20°23	18°11	17°13	S 28
M29	22 49 31	10°29'33	18°20	19°21	28° 0	12° 9	7°25	19°56	27°47	23° 4	2°58	19°38	20°20	18°17	17°11	M29
T 30	22 53 28	11°28'09	1♓18	21° 3	29°15	12°47	7°18	19°53	27°49	23° 3	2°58	19°26	20°17	18°24	17°10	T 30
W31	22 57 24	12♍26'48	14♓33	22♍44	0♍29	13♍26	7♈12	19♈49	27♊50	23♒ 1	2♑57	19♏15	20♏14	18♐31	17♑ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n54	13s11	4n53	21n19	0n31	21n57	0n27	14n34	1n 6	2n17	1s34	5n42	2s39	23n43	0n12	14s20	0s44	22s38	0n53	18s29	18s19	20s42	15s51	6n31
T 2	16 37	9 21	5 0	21 10	0 42	21 47	0 29	14 21	1 6	2 16	1 34	5 42	2 39	23 43	0 12	14 21	0 44	22 38	0 53	18 25	18 18	20 42	15 51	6 31
W 3	16 21	5 3	4 53	20 58	0 52	21 36	0 32	14 8	1 6	2 15	1 34	5 41	2 39	23 43	0 12	14 21	0 44	22 38	0 53	18 22	18 17	20 42	15 52	6 31
T 4	16 3	0 27	4 29	20 43	1 2	21 24	0 34	13 55	1 6	2 14	1 34	5 41	2 39	23 44	0 12	14 22	0 44	22 39	0 53	18 19	18 16	20 42	15 53	6 31
F 5	15 46	4n14	3 51	20 26	1 10	21 11	0 36	13 42	1 5	2 13	1 35	5 40	2 40	23 44	0 12	14 22	0 44	22 39	0 53	18 17	18 16	20 42	15 53	6 30
S 6	15 28	8 47	2 59	20 6	1 18	20 58	0 39	13 28	1 5	2 12	1 35	5 40	2 40	23 44	0 12	14 23	0 44	22 39	0 53	18 16	18 15	20 42	15 54	6 30
S 7	15 10	12 57	1 57	19 43	1 25	20 45	0 41	13 15	1 5	2 10	1 35	5 39	2 40	23 44	0 12	14 24	0 44	22 39	0 52	18 15	18 14	20 42	15 54	6 30
M 8	14 52	16 28	0 47	19 18	1 30	20 30	0 43	13 1	1 5	2 9	1 35	5 38	2 41	23 44	0 12	14 24	0 44	22 39	0 52	18 15	18 13	20 41	15 55	6 30
T 9	14 33	19 5	0s27	18 50	1 35	20 15	0 45	12 47	1 5	2 8	1 36	5 38	2 41	23 44	0 12	14 25	0 44	22 39	0 52	18 15	18 12	20 41	15 56	6 30
W10	14 14	20 32	1 40	18 21	1 39	20 0	0 47	12 34	1 4	2 6	1 36	5 37	2 41	23 44	0 12	14 25	0 44	22 39	0 52	18 15	18 11	20 41	15 56	6 29
T 11	13 55	20 41	2 48	17 49	1 42	19 44	0 49	12 20	1 4	2 5	1 36	5 36	2 41	23 44	0 12	14 26	0 44	22 40	0 52	18 14	18 11	20 41	15 57	6 29
F 12	13 36	19 28	3 45	17 15	1 45	19 27	0 51	12 6	1 4	2 3	1 36	5 35	2 42	23 44	0 12	14 26	0 44	22 40	0 52	18 13	18 10	20 41	15 57	6 29
S 13	13 17	17 0	4 28	16 39	1 46	19 10	0 53	11 52	1 4	2 1	1 37	5 35	2 42	23 44	0 12	14 27	0 44	22 40	0 52	18 11	18 9	20 41	15 58	6 28
S 14	12 57	13 29	4 54	16 2	1 47	18 52	0 55	11 38	1 3	2 0	1 37	5 34	2 42	23 44	0 12	14 27	0 44	22 40	0 52	18 8	18 8	20 41	15 58	6 28
M15	12 37	9 14	5 0	15 24	1 47	18 34	0 57	11 23	1 3	1 58	1 37	5 33	2 42	23 44	0 12	14 28	0 44	22 40	0 52	18 5	18 7	20 41	15 59	6 28
T 16	12 17	4 34	4 49	14 44	1 47	18 15	0 59	11 9	1 3	1 56	1 37	5 32	2 43	23 44	0 12	14 29	0 44	22 40	0 51	18 2	18 6	20 40	16 0	6 28
W17	11 57	0s14	4 21	14 3	1 45	17 56	1 1	10 55	1 3	1 54	1 38	5 31	2 43	23 44	0 12	14 29	0 44	22 40	0 51	17 59	18 6	20 40	16 0	6 27
T 18	11 36	4 54	3 39	13 21	1 44	17 36	1 2	10 40	1 2	1 52	1 38	5 30	2 43	23 45	0 12	14 30	0 44	22 41	0 51	17 57	18 5	20 40	16 1	6 27
F 19	11 16	9 12	2 47	12 38	1 41	17 16	1 4	10 26	1 2	1 50	1 38	5 29	2 43	23 45	0 12	14 30	0 44	22 41	0 51	17 55	18 4	20 40	16 1	6 27
S 20	10 55	12 59	1 48	11 55	1 39	16 55	1 6	10 11	1 2	1 48	1 38	5 28	2 44	23 45	0 12	14 31	0 44	22 41	0 51	17 54	18 3	20 40	16 2	6 26
S 21	10 34	16 7	0 46	11 11	1 35	16 33	1 7	9 57	1 2	1 45	1 38	5 27	2 44	23 45	0 12	14 31	0 44	22 41	0 51	17 53	18 2	20 40	16 2	6 26
M22	10 13	18 29	0n18	10 26	1 32	16 12	1 9	9 42	1 1	1 43	1 39	5 26	2 44	23 45	0 12	14 32	0 44	22 41	0 51	17 53	18 1	20 40	16 3	6 26
T 23	9 52	20 1	1 20	9 41	1 28	15 49	1 10	9 27	1 1	1 41	1 39	5 24	2 44	23 45	0 12	14 32	0 44	22 41	0 51	17 53	18 0	20 39	16 4	6 25
W24	9 30	20 39	2 19	8 56	1 23	15 27	1 12	9 12	1 1	1 38	1 39	5 23	2 44	23 45	0 12	14 33	0 44	22 41	0 50	17 53	18 0	20 39	16 4	6 25
T 25	9 8	20 22	3 11	8 10	1 19	15 3	1 13	8 57	1 0	1 36	1 39	5 22	2 45	23 45	0 12	14 33	0 44	22 41	0 50	17 53	17 59	20 39	16 5	6 25
F 26	8 47	19 11	3 56	7 24	1 13	14 40	1 14	8 42	1 0	1 33	1 39	5 21	2 45	23 45	0 12	14 34	0 44	22 42	0 50	17 51	17 58	20 39	16 5	6 24
S 27	8 25	17 6	4 31	6 38	1 8	14 16	1 15	8 27	1 0	1 31	1 40	5 19	2 45	23 45	0 12	14 35	0 44	22 42	0 50	17 50	17 57	20 39	16 6	6 24
S 28	8 3	14 13	4 53	5 52	1 2	13 51	1 17	8 12	1 0	1 28	1 40	5 18	2 45	23 45	0 12	14 35	0 44	22 42	0 50	17 47	17 56	20 38	16 6	6 24
M29	7 40	10 37	5 2	5 6	0 57	13 27	1 18	7 57	0 59	1 26	1 40	5 17	2 45	23 45	0 12	14 36	0 44	22 42	0 50	17 44	17 55	20 38	16 7	6 23
T 30	7 18	6 27	4 56	4 20	0 51	13 1	1 19	7 42	0 59	1 23	1 40	5 15	2 46	23 45	0 12	14 36	0 44	22 42	0 50	17 41	17 54	20 38	16 8	6 23
W31	6n56	1s54	4n34	3n34	0n44	12n36	1n20	7n27	0n59	1n20	1s40	5n14	2s46	23n45	0n12	14s37	0s44	22s42	0n50	17s38	17s54	20s38	16s 8	6n22

Julian Day Number = 2096016.5, Delta T = 22m20s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'20, Lahiri = 10°17'21 Julian Calendar 1 Aug. 1026 == Greg. Calendar 7 Aug. 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

SEPTEMBER 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 1 21	13♍25'28	28♓ 2	24♍25	1♍44	14♍ 5	7°R 5	19°R46	27♊51	23°R 0	2°R57	19°R 5	20♏10	18♐37	17°R 7	T 1
F 2	23 5 17	14°24'10	11♈43	26° 4	2°58	14°44	6♈58	19♈43	27°53	22♒58	2♑57	18♏58	20° 7	18°44	17♑ 6	F 2
S 3	23 9 14	15°22'55	25°34	27°42	4°13	15°23	6°51	19°39	27°54	22°57	2°57	18°53	20° 4	18°51	17° 4	S 3
S 4	23 13 10	16°21'42	9♉31	29°19	5°28	16° 2	6°44	19°36	27°56	22°55	2°56	18°51	20° 1	18°57	17° 3	S 4
M 5	23 17 7	17°20'31	23°34	0♎56	6°42	16°41	6°37	19°32	27°57	22°54	2°56	18°D50	19°58	19° 4	17° 2	M 5
T 6	23 21 3	18°19'22	7♊39	2°31	7°57	17°20	6°30	19°28	27°58	22°52	2°56	18°51	19°55	19°11	17° 1	T 6
W 7	23 25 0	19°18'16	21°46	4° 6	9°12	17°59	6°22	19°25	27°59	22°51	2°56	18°R51	19°51	19°17	17° 0	W 7
T 8	23 28 57	20°17'13	5♋55	5°40	10°27	18°38	6°15	19°21	28° 0	22°50	2°56	18°50	19°48	19°24	17° 0	T 8
F 9	23 32 53	21°16'11	20° 2	7°12	11°41	19°17	6° 7	19°17	28° 1	22°48	2°56	18°47	19°45	19°31	16°59	F 9
S 10	23 36 50	22°15'13	4♌ 8	8°44	12°56	19°56	6° 0	19°13	28° 2	22°47	2°D56	18°41	19°42	19°37	16°58	S 10
S 11	23 40 46	23°14'16	18° 7	10°15	14°11	20°35	5°52	19° 9	28° 3	22°45	2°56	18°34	19°39	19°44	16°58	S 11
M12	23 44 43	24°13'21	1♍58	11°46	15°26	21°14	5°44	19° 5	28° 4	22°44	2°56	18°25	19°35	19°51	16°57	M12
T 13	23 48 39	25°12'29	15°35	13°15	16°41	21°54	5°36	19° 1	28° 5	22°43	2°56	18°16	19°32	19°57	16°56	T 13
W14	23 52 36	26°11'39	28°57	14°43	17°56	22°33	5°28	18°56	28° 6	22°41	2°56	18° 7	19°29	20° 4	16°56	W14
T 15	23 56 32	27°10'51	12♎ 1	16°11	19°11	23°12	5°20	18°52	28° 7	22°40	2°56	18° 0	19°26	20°11	16°56	T 15
F 16	0 0 29	28°10'04	24°47	17°37	20°26	23°51	5°13	18°48	28° 7	22°39	2°56	17°55	19°23	20°17	16°55	F 16
S 17	0 4 25	29° 9'20	7♏15	19° 3	21°41	24°31	5° 4	18°44	28° 8	22°38	2°57	17°52	19°20	20°24	16°55	S 17
S 18	0 8 22	0♎ 8'38	19°27	20°28	22°56	25°10	4°56	18°39	28° 9	22°36	2°57	17°D52	19°16	20°31	16°55	S 18
M19	0 12 19	1° 7'58	1♐27	21°52	24°11	25°49	4°48	18°35	28° 9	22°35	2°57	17°53	19°13	20°37	16°D55	M19
T 20	0 16 15	2° 7'20	13°19	23°14	25°26	26°29	4°40	18°30	28°10	22°34	2°57	17°54	19°10	20°44	16°55	T 20
W21	0 20 12	3° 6'43	25° 8	24°36	26°41	27° 8	4°32	18°26	28°10	22°33	2°58	17°55	19° 7	20°51	16°55	W21
T 22	0 24 8	4° 6'08	6♑59	25°57	27°56	27°48	4°24	18°21	28°11	22°32	2°58	17°R56	19° 4	20°57	16°55	T 22
F 23	0 28 5	5° 5'35	18°57	27°16	29°11	28°27	4°16	18°16	28°11	22°31	2°59	17°54	19° 0	21° 4	16°56	F 23
S 24	0 32 1	6° 5'04	1♒ 8	28°35	0♎26	29° 7	4° 8	18°12	28°11	22°30	2°59	17°51	18°57	21°11	16°56	S 24
S 25	0 35 58	7° 4'35	13°35	29°52	1°41	29°46	4° 0	18° 7	28°11	22°28	2°59	17°47	18°54	21°17	16°56	S 25
M26	0 39 54	8° 4'08	26°22	1♏ 8	2°56	0♎26	3°52	18° 3	28°12	22°27	3° 0	17°41	18°51	21°24	16°57	M26
T 27	0 43 51	9° 3'42	9♓30	2°22	4°11	1° 5	3°44	17°58	28°12	22°26	3° 0	17°34	18°48	21°31	16°57	T 27
W28	0 47 48	10° 3'18	22°59	3°35	5°27	1°45	3°36	17°53	28°12	22°25	3° 1	17°28	18°45	21°37	16°58	W28
T 29	0 51 44	11° 2'56	6♈49	4°46	6°42	2°24	3°28	17°48	28°R12	22°24	3° 2	17°22	18°41	21°44	16°59	T 29
F 30	0 55 41	12♎ 2'37	20♈54	5♏55	7♎57	3♎ 4	3♈20	17♈44	28♊12	22♒24	3♑ 2	17♏18	18♏38	21♐51	16♑59	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	6n33	2n49	3n56	2n49	0n38	12n10	1n21	7n11	0n58	1n17	1s40	5n13	2s46	23n45	0n12	14s37	0s44	22s42	0n49	17s35	17s53	20s38	16s 9	6n22	T 1
F 2	6 10	7 29	3 4	2 3	0 31	11 44	1 21	6 56	0 58	1 14	1 41	5 11	2 46	23 45	0 12	14 38	0 44	22 43	0 49	17 33	17 52	20 37	16 9	6 22	F 2
S 3	5 47	11 49	2 1	1 18	0 25	11 17	1 22	6 41	0 58	1 12	1 41	5 10	2 46	23 45	0 13	14 38	0 44	22 43	0 49	17 32	17 51	20 37	16 10	6 21	S 3
S 4	5 25	15 31	0 50	0 32	0 18	10 50	1 23	6 25	0 58	1 9	1 41	5 8	2 47	23 45	0 13	14 39	0 44	22 43	0 49	17 31	17 50	20 37	16 10	6 21	S 4
M 5	5 2	18 21	0s25	0s13	0 11	10 23	1 23	6 10	0 57	1 6	1 41	5 7	2 47	23 45	0 13	14 39	0 44	22 43	0 49	17 31	17 49	20 37	16 11	6 21	M 5
T 6	4 38	20 4	1 39	0 57	0 4	9 56	1 24	5 54	0 57	1 3	1 41	5 5	2 47	23 45	0 13	14 40	0 44	22 43	0 49	17 31	17 48	20 36	16 11	6 20	T 6
W 7	4 15	20 32	2 47	1 41	0s 3	9 28	1 25	5 39	0 57	1 0	1 41	5 3	2 47	23 46	0 13	14 40	0 44	22 43	0 49	17 31	17 48	20 36	16 12	6 20	W 7
T 8	3 52	19 42	3 44	2 25	0 11	9 0	1 25	5 23	0 56	0 57	1 41	5 2	2 47	23 46	0 13	14 40	0 44	22 43	0 49	17 31	17 47	20 36	16 12	6 19	T 8
F 9	3 29	17 38	4 28	3 9	0 18	8 32	1 25	5 7	0 56	0 54	1 41	5 0	2 47	23 46	0 13	14 41	0 44	22 43	0 49	17 30	17 46	20 36	16 13	6 19	F 9
S 10	3 5	14 32	4 56	3 52	0 25	8 3	1 26	4 52	0 56	0 50	1 41	4 59	2 48	23 46	0 13	14 41	0 44	22 43	0 48	17 29	17 45	20 35	16 13	6 19	S 10
S 11	2 42	10 38	5 6	4 35	0 32	7 34	1 26	4 36	0 55	0 47	1 42	4 57	2 48	23 46	0 13	14 42	0 44	22 44	0 48	17 26	17 44	20 35	16 14	6 18	S 11
M12	2 18	6 12	4 57	5 17	0 40	7 6	1 26	4 20	0 55	0 44	1 42	4 55	2 48	23 46	0 13	14 42	0 44	22 44	0 48	17 24	17 43	20 35	16 14	6 18	M12
T 13	1 55	1 32	4 32	5 59	0 47	6 36	1 26	4 4	0 55	0 41	1 42	4 54	2 48	23 46	0 13	14 43	0 44	22 44	0 48	17 21	17 42	20 35	16 15	6 17	T 13
W14	1 31	3s 8	3 52	6 40	0 54	6 7	1 26	3 48	0 54	0 38	1 42	4 52	2 48	23 46	0 13	14 43	0 44	22 44	0 48	17 19	17 42	20 34	16 15	6 17	W14
T 15	1 8	7 33	3 1	7 21	1 2	5 37	1 26	3 32	0 54	0 35	1 42	4 50	2 48	23 46	0 13	14 44	0 44	22 44	0 48	17 17	17 41	20 34	16 16	6 16	T 15
F 16	0 44	11 31	2 1	8 1	1 9	5 8	1 26	3 16	0 54	0 31	1 42	4 48	2 48	23 46	0 13	14 44	0 44	22 44	0 48	17 16	17 40	20 34	16 16	6 16	F 16
S 17	0 20	14 54	0 57	8 40	1 16	4 38	1 26	3 0	0 53	0 28	1 42	4 47	2 48	23 46	0 13	14 44	0 44	22 44	0 48	17 15	17 39	20 34	16 16	6 16	S 17
S 18	0s 3	17 33	0n 9	9 19	1 23	4 8	1 26	2 44	0 53	0 25	1 42	4 45	2 49	23 46	0 13	14 45	0 44	22 44	0 47	17 15	17 38	20 33	16 17	6 15	S 18
M19	0 27	19 22	1 13	9 57	1 30	3 38	1 25	2 28	0 53	0 22	1 42	4 43	2 49	23 46	0 13	14 45	0 44	22 45	0 47	17 15	17 37	20 33	16 17	6 15	M19
T 20	0 51	20 18	2 13	10 34	1 37	3 8	1 25	2 12	0 52	0 19	1 42	4 41	2 49	23 46	0 13	14 46	0 44	22 45	0 47	17 15	17 36	20 33	16 18	6 14	T 20
W21	1 15	20 20	3 8	11 11	1 44	2 37	1 25	1 56	0 52	0 15	1 42	4 40	2 49	23 46	0 13	14 46	0 44	22 45	0 47	17 16	17 36	20 32	16 18	6 14	W21
T 22	1 38	19 28	3 55	11 47	1 50	2 7	1 24	1 40	0 52	0 12	1 42	4 38	2 49	23 46	0 13	14 46	0 44	22 45	0 47	17 16	17 35	20 32	16 19	6 14	T 22
F 23	2 2	17 44	4 32	12 22	1 57	1 36	1 24	1 24	0 51	0 9	1 42	4 36	2 49	23 46	0 13	14 47	0 44	22 45	0 47	17 15	17 34	20 32	16 19	6 13	F 23
S 24	2 26	15 10	4 57	12 57	2 3	1 6	1 23	1 8	0 51	0 6	1 42	4 34	2 49	23 46	0 13	14 47	0 44	22 45	0 47	17 15	17 33	20 32	16 19	6 13	S 24
S 25	2 49	11 53	5 9	13 30	2 9	0 35	1 22	0 52	0 51	0 3	1 42	4 32	2 49	23 46	0 13	14 47	0 44	22 45	0 47	17 13	17 32	20 31	16 20	6 12	S 25
M26	3 13	7 59	5 7	14 2	2 15	0 4	1 22	0 36	0 50	0s 1	1 42	4 30	2 49	23 46	0 13	14 48	0 44	22 45	0 46	17 12	17 31	20 31	16 20	6 12	M26
T 27	3 37	3 36	4 48	14 34	2 21	0s26	1 21	0 20	0 50	0 4	1 42	4 29	2 49	23 46	0 13	14 48	0 44	22 45	0 46	17 10	17 30	20 31	16 20	6 11	T 27
W28	4 0	1n 5	4 13	15 4	2 26	0 57	1 20	0 4	0 50	0 7	1 42	4 27	2 49	23 46	0 13	14 48	0 44	22 46	0 46	17 8	17 29	20 30	16 21	6 11	W28
T 29	4 24	5 49	3 23	15 33	2 32	1 28	1 19	0s13	0 49	0 10	1 42	4 25	2 49	23 46	0 13	14 49	0 44	22 46	0 46	17 6	17 28	20 30	16 21	6 11	T 29
F 30	4s47	10n21	2n19	16s 1	2s37	1s59	1n18	0s29	0n49	0s13	1s41	4n23	2s49	23n46	0n13	14s49	0s44	22s46	0n46	17s 5	17s28	20s30	16s21	6n10	F 30

Julian Day Number = 2096047.5, Delta T = 22m19s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'24, Lahiri = 10°17'25 Julian Calendar 1 Sept. 1026 == Greg. Calendar 7 Sept. 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

OCTOBER 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 59 37	13♎ 2'19	5♉12	7♏ 2	9♎12	3♎44	3°R12	17°R39	28°R12	22°R23	3♑ 3	17°R16	18♏35	21♐57	17♑ 0	S 1
S 2	1 3 34	14° 2'03	19°36	8° 7	10°27	4°24	3♈ 4	17♈34	28♊12	22♒22	3° 3	17°D15	18°32	22° 4	17° 1	S 2
M 3	1 7 30	15° 1'50	4♊ 2	9°10	11°43	5° 3	2°56	17°29	28°11	22°21	3° 4	17♏16	18°29	22°11	17° 2	M 3
T 4	1 11 27	16° 1'39	18°26	10°10	12°58	5°43	2°49	17°24	28°11	22°20	3° 5	17°18	18°26	22°17	17° 3	T 4
W 5	1 15 23	17° 1'31	2♋44	11° 7	14°13	6°23	2°41	17°19	28°11	22°19	3° 6	17°19	18°22	22°24	17° 4	W 5
T 6	1 19 20	18° 1'25	16°53	12° 1	15°28	7° 3	2°33	17°15	28°10	22°19	3° 6	17°R20	18°19	22°31	17° 5	T 6
F 7	1 23 17	19° 1'20	0♌53	12°51	16°44	7°43	2°26	17°10	28°10	22°18	3° 7	17°19	18°16	22°37	17° 7	F 7
S 8	1 27 13	20° 1'19	14°41	13°37	17°59	8°23	2°19	17° 5	28° 9	22°17	3° 8	17°17	18°13	22°44	17° 8	S 8
S 9	1 31 10	21° 1'19	28°19	14°19	19°14	9° 3	2°11	17° 0	28° 9	22°16	3° 9	17°14	18°10	22°51	17° 9	S 9
M10	1 35 6	22° 1'21	11♍43	14°56	20°30	9°43	2° 4	16°55	28° 8	22°16	3°10	17°11	18° 6	22°57	17°11	M10
T 11	1 39 3	23° 1'26	24°55	15°27	21°45	10°23	1°57	16°51	28° 8	22°15	3°11	17° 7	18° 3	23° 4	17°12	T 11
W12	1 42 59	24° 1'33	7♎53	15°52	23° 0	11° 3	1°50	16°46	28° 7	22°15	3°12	17° 3	18° 0	23°11	17°14	W12
T 13	1 46 56	25° 1'41	20°37	16°11	24°16	11°43	1°43	16°41	28° 6	22°14	3°13	17° 0	17°57	23°17	17°15	T 13
F 14	1 50 52	26° 1'52	3♏ 7	16°22	25°31	12°23	1°37	16°36	28° 6	22°13	3°14	16°58	17°54	23°24	17°17	F 14
S 15	1 54 49	27° 2'04	15°24	16°R26	26°46	13° 3	1°30	16°32	28° 5	22°13	3°15	16°D58	17°51	23°31	17°19	S 15
S 16	1 58 45	28° 2'18	27°30	16°20	28° 2	13°43	1°24	16°27	28° 4	22°13	3°16	16°58	17°47	23°37	17°21	S 16
M17	2 2 42	29° 2'34	9♐27	16° 6	29°17	14°23	1°17	16°22	28° 3	22°12	3°17	16°59	17°44	23°44	17°23	M17
T 18	2 6 39	0♏ 2'52	21°18	15°42	0♏32	15° 4	1°11	16°18	28° 2	22°12	3°18	17° 1	17°41	23°51	17°25	T 18
W19	2 10 35	1° 3'11	3♑ 6	15° 8	1°48	15°44	1° 5	16°13	28° 1	22°11	3°19	17° 2	17°38	23°57	17°27	W19
T 20	2 14 32	2° 3'32	14°57	14°24	3° 3	16°24	0°59	16° 9	28° 0	22°11	3°20	17° 3	17°35	24° 4	17°29	T 20
F 21	2 18 28	3° 3'54	26°53	13°31	4°19	17° 5	0°53	16° 4	27°59	22°11	3°21	17° 4	17°32	24°11	17°31	F 21
S 22	2 22 25	4° 4'17	9♒ 1	12°29	5°34	17°45	0°48	16° 0	27°58	22°11	3°22	17°R 4	17°28	24°17	17°34	S 22
S 23	2 26 21	5° 4'42	21°26	11°19	6°49	18°25	0°43	15°55	27°56	22°10	3°24	17° 3	17°25	24°24	17°36	S 23
M24	2 30 18	6° 5'09	4♓10	10° 3	8° 5	19° 6	0°37	15°51	27°55	22°10	3°25	17° 2	17°22	24°31	17°38	M24
T 25	2 34 14	7° 5'36	17°18	8°44	9°20	19°46	0°32	15°46	27°54	22°10	3°26	17° 1	17°19	24°37	17°41	T 25
W26	2 38 11	8° 6'05	0♈51	7°23	10°36	20°27	0°27	15°42	27°52	22°10	3°28	17° 0	17°16	24°44	17°43	W26
T 27	2 42 8	9° 6'36	14°49	6° 4	11°51	21° 7	0°23	15°38	27°51	22°10	3°29	16°59	17°12	24°51	17°46	T 27
F 28	2 46 4	10° 7'08	29°10	4°48	13° 6	21°48	0°18	15°34	27°49	22°10	3°30	16°58	17° 9	24°57	17°49	F 28
S 29	2 50 1	11° 7'42	13♉49	3°39	14°22	22°28	0°14	15°30	27°48	22°D10	3°32	16°D58	17° 6	25° 4	17°51	S 29
S 30	2 53 57	12° 8'17	28°39	2°39	15°37	23° 9	0°10	15°26	27°46	22°10	3°33	16°58	17° 3	25°11	17°54	S 30
M31	2 57 54	13♏ 8'54	13♊33	1♏48	16♏53	23♎50	0♈ 6	15♈22	27♊45	22♒10	3♑34	16♏58	17♏ 0	25♐17	17♑57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s10	14n21	1n 5	16s28	2s41	2s29	1n17	0s45	0n48	0s16	1s41	4n21	2s49	23n46	0n13	14s49	0s44	22s46	0n46	17s 5	17s27	20s29	16s22	6n10
S 2	5 34	17 31	0s13	16 54	2 45	3 0	1 16	1 1	0 48	0 19	1 41	4 19	2 49	23 46	0 13	14 49	0 44	22 46	0 46	17 4	17 26	20 29	16 22	6 9
M 3	5 57	19 35	1 31	17 18	2 49	3 30	1 15	1 17	0 48	0 22	1 41	4 17	2 49	23 46	0 13	14 50	0 44	22 46	0 46	17 5	17 25	20 29	16 22	6 9
T 4	6 20	20 22	2 43	17 40	2 52	4 1	1 14	1 34	0 47	0 25	1 41	4 16	2 49	23 46	0 13	14 50	0 44	22 46	0 46	17 5	17 24	20 28	16 23	6 8
W 5	6 43	19 48	3 44	18 1	2 55	4 32	1 12	1 50	0 47	0 28	1 41	4 14	2 49	23 46	0 13	14 50	0 44	22 46	0 45	17 5	17 23	20 28	16 23	6 8
T 6	7 6	18 1	4 31	18 20	2 57	5 2	1 11	2 6	0 46	0 31	1 41	4 12	2 49	23 46	0 13	14 51	0 44	22 46	0 45	17 6	17 22	20 28	16 23	6 8
F 7	7 29	15 10	5 1	18 37	2 59	5 32	1 10	2 22	0 46	0 34	1 41	4 10	2 49	23 46	0 13	14 51	0 44	22 46	0 45	17 5	17 21	20 27	16 23	6 7
S 8	7 52	11 31	5 14	18 52	3 0	6 2	1 8	2 38	0 46	0 37	1 41	4 8	2 49	23 46	0 13	14 51	0 44	22 47	0 45	17 5	17 21	20 27	16 24	6 7
S 9	8 15	7 18	5 8	19 5	3 0	6 32	1 7	2 55	0 45	0 40	1 40	4 7	2 49	23 46	0 13	14 51	0 44	22 47	0 45	17 4	17 20	20 26	16 24	6 6
M10	8 37	2 48	4 46	19 15	2 59	7 2	1 5	3 11	0 45	0 42	1 40	4 5	2 49	23 46	0 13	14 51	0 44	22 47	0 45	17 3	17 19	20 26	16 24	6 6
T 11	9 0	1s46	4 9	19 23	2 58	7 32	1 4	3 27	0 44	0 45	1 40	4 3	2 49	23 46	0 13	14 52	0 44	22 47	0 45	17 2	17 18	20 26	16 24	6 5
W12	9 22	6 11	3 19	19 28	2 55	8 2	1 2	3 43	0 44	0 48	1 40	4 1	2 49	23 46	0 13	14 52	0 44	22 47	0 45	17 1	17 17	20 25	16 25	6 5
T 13	9 44	10 15	2 20	19 30	2 51	8 31	1 0	3 59	0 44	0 50	1 40	3 59	2 49	23 46	0 13	14 52	0 44	22 47	0 44	17 0	17 16	20 25	16 25	6 5
F 14	10 6	13 48	1 16	19 28	2 46	9 0	0 59	4 15	0 43	0 53	1 40	3 58	2 49	23 46	0 13	14 52	0 44	22 47	0 44	17 0	17 15	20 25	16 25	6 4
S 15	10 28	16 41	0 9	19 23	2 40	9 29	0 57	4 31	0 43	0 55	1 39	3 56	2 49	23 46	0 13	14 52	0 44	22 47	0 44	16 59	17 14	20 24	16 25	6 4
S 16	10 50	18 46	0n58	19 14	2 32	9 58	0 55	4 47	0 42	0 58	1 39	3 54	2 49	23 46	0 13	14 52	0 44	22 47	0 44	16 59	17 13	20 24	16 25	6 3
M17	11 11	19 59	2 1	19 1	2 23	10 27	0 53	5 3	0 42	1 0	1 39	3 52	2 49	23 46	0 13	14 52	0 44	22 47	0 44	17 0	17 13	20 23	16 26	6 3
T 18	11 33	20 18	2 59	18 43	2 12	10 55	0 51	5 19	0 42	1 2	1 39	3 51	2 49	23 46	0 13	14 53	0 44	22 47	0 44	17 0	17 12	20 23	16 26	6 3
W19	11 54	19 43	3 49	18 21	1 59	11 23	0 49	5 35	0 41	1 4	1 39	3 49	2 49	23 46	0 13	14 53	0 44	22 48	0 44	17 1	17 11	20 22	16 26	6 2
T 20	12 15	18 16	4 29	17 54	1 44	11 51	0 47	5 51	0 41	1 6	1 38	3 47	2 49	23 46	0 13	14 53	0 44	22 48	0 44	17 1	17 10	20 22	16 26	6 2
F 21	12 36	16 1	4 58	17 23	1 28	12 19	0 45	6 7	0 40	1 9	1 38	3 46	2 48	23 46	0 14	14 53	0 44	22 48	0 44	17 1	17 9	20 22	16 26	6 1
S 22	12 56	13 3	5 14	16 47	1 10	12 46	0 43	6 23	0 40	1 11	1 38	3 44	2 48	23 46	0 14	14 53	0 44	22 48	0 43	17 1	17 8	20 21	16 26	6 1
S 23	13 17	9 26	5 16	16 7	0 52	13 13	0 41	6 39	0 39	1 13	1 38	3 43	2 48	23 46	0 14	14 53	0 44	22 48	0 43	17 1	17 7	20 21	16 26	6 1
M24	13 37	5 19	5 3	15 24	0 32	13 39	0 39	6 55	0 39	1 14	1 37	3 41	2 48	23 46	0 14	14 53	0 44	22 48	0 43	17 1	17 6	20 20	16 26	6 0
T 25	13 57	0 50	4 34	14 39	0 11	14 6	0 37	7 11	0 38	1 16	1 37	3 39	2 48	23 46	0 14	14 53	0 44	22 48	0 43	17 0	17 5	20 20	16 26	6 0
W26	14 17	3n50	3 49	13 54	0n10	14 31	0 35	7 26	0 38	1 18	1 37	3 38	2 48	23 46	0 14	14 53	0 44	22 48	0 43	17 0	17 4	20 19	16 27	5 59
T 27	14 36	8 28	2 49	13 8	0 30	14 57	0 33	7 42	0 38	1 20	1 37	3 36	2 48	23 46	0 14	14 53	0 44	22 48	0 43	17 0	17 4	20 19	16 27	5 59
F 28	14 56	12 45	1 37	12 25	0 50	15 22	0 31	7 58	0 37	1 21	1 36	3 35	2 48	23 46	0 14	14 53	0 44	22 48	0 43	16 59	17 3	20 19	16 27	5 59
S 29	15 15	16 21	0 17	11 44	1 8	15 47	0 28	8 13	0 37	1 23	1 36	3 33	2 47	23 46	0 14	14 53	0 44	22 48	0 43	16 59	17 2	20 18	16 27	5 58
S 30	15 33	18 55	1s 5	11 8	1 25	16 11	0 26	8 29	0 36	1 24	1 36	3 32	2 47	23 46	0 14	14 53	0 44	22 48	0 43	16 59	17 1	20 18	16 27	5 58
M31	15s52	20n11	2s23	10s36	1n40	16s35	0n24	8s44	0n36	1s25	1s36	3n31	2s47	23n46	0n14	14s53	0s44	22s48	0n42	17s 0	17s 0	20s17	16s27	5n58

Julian Day Number = 2096077.5, Delta T = 22m19s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'28, Lahiri = 10°17'29 Julian Calendar 1 Oct. 1026 == Greg. Calendar 7 Oct. 1026

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1026
geocentric

NOVEMBER 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 1 50	14♏ 9'32	28♊23	1°R 9	18♏ 8	24♎30	0°R 2	15°R18	27°R43	22♒10	3♑36	16♏59	16♏57	25♐24	18♑ 0	T 1
W 2	3 5 47	15°10'12	13♋ 2	0♏41	19°23	25°11	29♓58	15♈14	27♊41	22°10	3°37	16°59	16°53	25°31	18° 3	W 2
T 3	3 9 43	16°10'54	27°26	0°25	20°39	25°52	29°55	15°10	27°40	22°10	3°39	16°59	16°50	25°38	18° 6	T 3
F 4	3 13 40	17°11'38	11♌30	0°D20	21°54	26°33	29°51	15° 6	27°38	22°10	3°40	16°59	16°47	25°44	18° 9	F 4
S 5	3 17 37	18°12'23	25°15	0°26	23°10	27°13	29°48	15° 3	27°36	22°11	3°42	16°59	16°44	25°51	18°12	S 5
S 6	3 21 33	19°13'09	8♍41	0°42	24°25	27°54	29°46	14°59	27°34	22°11	3°43	16°59	16°41	25°58	18°15	S 6
M 7	3 25 30	20°13'58	21°48	1° 7	25°40	28°35	29°43	14°56	27°33	22°11	3°45	16°59	16°37	26° 4	18°18	M 7
T 8	3 29 26	21°14'47	4♎39	1°41	26°56	29°16	29°41	14°52	27°31	22°11	3°47	17° 0	16°34	26°11	18°22	T 8
W 9	3 33 23	22°15'39	17°16	2°23	28°11	29°57	29°38	14°49	27°29	22°12	3°48	17° 0	16°31	26°18	18°25	W 9
T 10	3 37 19	23°16'31	29°40	3°11	29°27	0♏38	29°36	14°46	27°27	22°12	3°50	17° 1	16°28	26°24	18°28	T 10
F 11	3 41 16	24°17'25	11♏54	4° 5	0♐42	1°19	29°35	14°43	27°25	22°13	3°52	17°R 1	16°25	26°31	18°32	F 11
S 12	3 45 12	25°18'21	23°59	5° 4	1°58	2° 0	29°33	14°40	27°23	22°13	3°53	17° 1	16°22	26°38	18°35	S 12
S 13	3 49 9	26°19'17	5♐57	6° 7	3°13	2°41	29°32	14°37	27°21	22°14	3°55	17° 1	16°18	26°44	18°39	S 13
M14	3 53 6	27°20'15	17°50	7°15	4°28	3°23	29°30	14°34	27°18	22°14	3°57	17° 0	16°15	26°51	18°42	M14
T 15	3 57 2	28°21'13	29°39	8°25	5°44	4° 4	29°29	14°31	27°16	22°15	3°58	16°58	16°12	26°58	18°46	T 15
W16	4 0 59	29°22'12	11♑28	9°39	6°59	4°45	29°29	14°28	27°14	22°15	4° 0	16°56	16° 9	27° 4	18°50	W16
T 17	4 4 55	0♐23'13	23°19	10°55	8°15	5°26	29°28	14°26	27°12	22°16	4° 2	16°54	16° 6	27°11	18°54	T 17
F 18	4 8 52	1°24'13	5♒15	12°13	9°30	6° 8	29°28	14°23	27°10	22°17	4° 4	16°52	16° 3	27°18	18°57	F 18
S 19	4 12 48	2°25'15	17°21	13°34	10°45	6°49	29°D28	14°21	27° 7	22°17	4° 5	16°51	15°59	27°24	19° 1	S 19
S 20	4 16 45	3°26'17	29°41	14°55	12° 1	7°30	29°28	14°18	27° 5	22°18	4° 7	16°D50	15°56	27°31	19° 5	S 20
M21	4 20 41	4°27'20	12♓19	16°18	13°16	8°12	29°28	14°16	27° 3	22°19	4° 9	16°50	15°53	27°38	19° 9	M21
T 22	4 24 38	5°28'23	25°19	17°43	14°32	8°53	29°28	14°14	27° 0	22°20	4°11	16°51	15°50	27°44	19°13	T 22
W23	4 28 35	6°29'26	8♈44	19° 8	15°47	9°34	29°29	14°12	26°58	22°20	4°13	16°53	15°47	27°51	19°17	W23
T 24	4 32 31	7°30'31	22°37	20°34	17° 2	10°16	29°30	14°10	26°56	22°21	4°15	16°54	15°43	27°58	19°21	T 24
F 25	4 36 28	8°31'35	6♉57	22° 1	18°18	10°57	29°31	14° 8	26°53	22°22	4°17	16°55	15°40	28° 4	19°25	F 25
S 26	4 40 24	9°32'40	21°41	23°29	19°33	11°39	29°32	14° 7	26°51	22°23	4°18	16°R55	15°37	28°11	19°29	S 26
S 27	4 44 21	10°33'46	6♊44	24°57	20°48	12°20	29°34	14° 5	26°48	22°24	4°20	16°54	15°34	28°18	19°33	S 27
M28	4 48 17	11°34'53	21°57	26°26	22° 4	13° 2	29°36	14° 3	26°46	22°25	4°22	16°52	15°31	28°24	19°38	M28
T 29	4 52 14	12°36'00	7♋10	27°55	23°19	13°44	29°38	14° 2	26°43	22°26	4°24	16°49	15°28	28°31	19°42	T 29
W30	4 56 11	13♐37'07	22♋13	29♏25	24♐34	14♏25	29♓40	14♈ 1	26♊41	22♒27	4♑26	16♏45	15♏24	28♐38	19♑46	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s10	20n 3	3s31	10s10	1n53	16s59	0n21	9s 0	0n35	1s27	1s35	3n29	2s47	23n46	0n14	14s53	0s44	22s49	0n42	17s 0	16s59	20s17	16s27	5n57
W 2	16 28	18 33	4 24	9 50	2 4	17 22	0 19	9 15	0 35	1 28	1 35	3 28	2 47	23 46	0 14	14 53	0 44	22 49	0 42	17 0	16 58	20 16	16 27	5 57
T 3	16 46	15 53	5 0	9 36	2 13	17 44	0 17	9 31	0 34	1 29	1 35	3 27	2 47	23 46	0 14	14 53	0 44	22 49	0 42	17 0	16 57	20 16	16 27	5 57
F 4	17 3	12 21	5 16	9 28	2 20	18 6	0 14	9 46	0 34	1 30	1 35	3 25	2 46	23 46	0 14	14 53	0 44	22 49	0 42	17 0	16 56	20 15	16 26	5 56
S 5	17 20	8 14	5 15	9 25	2 25	18 28	0 12	10 1	0 33	1 31	1 34	3 24	2 46	23 46	0 14	14 53	0 44	22 49	0 42	17 0	16 55	20 15	16 26	5 56
S 6	17 37	3 47	4 55	9 28	2 28	18 49	0 10	10 16	0 33	1 32	1 34	3 23	2 46	23 46	0 14	14 53	0 44	22 49	0 42	17 0	16 54	20 14	16 26	5 56
M 7	17 54	0s44	4 21	9 35	2 30	19 9	0 7	10 32	0 32	1 33	1 34	3 22	2 46	23 46	0 14	14 53	0 44	22 49	0 42	17 0	16 54	20 14	16 26	5 55
T 8	18 10	5 8	3 34	9 46	2 31	19 30	0 5	10 47	0 32	1 33	1 33	3 21	2 46	23 46	0 14	14 52	0 44	22 49	0 42	17 0	16 53	20 13	16 26	5 55
W 9	18 26	9 15	2 38	10 0	2 31	19 49	0 3	11 2	0 31	1 34	1 33	3 20	2 45	23 46	0 14	14 52	0 44	22 49	0 41	17 0	16 52	20 13	16 26	5 55
T 10	18 41	12 54	1 35	10 18	2 29	20 8	0 0	11 16	0 31	1 35	1 33	3 19	2 45	23 46	0 14	14 52	0 44	22 49	0 41	17 0	16 51	20 12	16 26	5 54
F 11	18 56	15 56	0 28	10 39	2 26	20 26	0s 2	11 31	0 30	1 35	1 32	3 18	2 45	23 46	0 14	14 52	0 44	22 49	0 41	17 0	16 50	20 12	16 26	5 54
S 12	19 11	18 15	0n39	11 2	2 23	20 44	0 5	11 46	0 30	1 35	1 32	3 17	2 45	23 46	0 14	14 52	0 44	22 49	0 41	17 0	16 49	20 11	16 26	5 54
S 13	19 26	19 43	1 43	11 27	2 19	21 1	0 7	12 1	0 29	1 36	1 32	3 16	2 44	23 46	0 14	14 52	0 44	22 49	0 41	17 0	16 48	20 11	16 25	5 53
M14	19 40	20 18	2 43	11 53	2 14	21 18	0 9	12 15	0 29	1 36	1 32	3 15	2 44	23 46	0 14	14 51	0 44	22 49	0 41	17 0	16 47	20 10	16 25	5 53
T 15	19 54	19 59	3 35	12 21	2 9	21 34	0 12	12 30	0 28	1 36	1 31	3 14	2 44	23 46	0 14	14 51	0 44	22 49	0 41	16 59	16 46	20 10	16 25	5 53
W16	20 7	18 47	4 18	12 49	2 4	21 49	0 14	12 44	0 28	1 36	1 31	3 13	2 44	23 46	0 14	14 51	0 44	22 49	0 41	16 59	16 45	20 9	16 25	5 52
T 17	20 20	16 46	4 50	13 19	1 58	22 4	0 17	12 59	0 27	1 36	1 31	3 12	2 44	23 46	0 14	14 51	0 43	22 50	0 41	16 58	16 44	20 9	16 25	5 52
F 18	20 33	14 2	5 10	13 49	1 51	22 18	0 19	13 13	0 27	1 36	1 30	3 11	2 43	23 46	0 14	14 51	0 43	22 50	0 41	16 58	16 43	20 8	16 24	5 52
S 19	20 45	10 41	5 16	14 20	1 45	22 32	0 21	13 27	0 26	1 36	1 30	3 11	2 43	23 46	0 14	14 50	0 43	22 50	0 40	16 57	16 43	20 8	16 24	5 52
S 20	20 57	6 49	5 9	14 50	1 38	22 44	0 24	13 41	0 25	1 35	1 30	3 10	2 43	23 46	0 14	14 50	0 43	22 50	0 40	16 57	16 42	20 7	16 24	5 51
M21	21 9	2 35	4 46	15 21	1 31	22 56	0 26	13 55	0 25	1 35	1 29	3 9	2 43	23 46	0 14	14 50	0 43	22 50	0 40	16 57	16 41	20 7	16 24	5 51
T 22	21 20	1n55	4 8	15 52	1 24	23 8	0 28	14 9	0 24	1 34	1 29	3 9	2 42	23 46	0 14	14 50	0 43	22 50	0 40	16 57	16 40	20 6	16 23	5 51
W23	21 30	6 28	3 16	16 22	1 17	23 19	0 31	14 23	0 24	1 34	1 29	3 8	2 42	23 46	0 14	14 49	0 43	22 50	0 40	16 58	16 39	20 6	16 23	5 51
T 24	21 41	10 51	2 10	16 52	1 9	23 29	0 33	14 36	0 23	1 33	1 28	3 8	2 42	23 46	0 14	14 49	0 43	22 50	0 40	16 58	16 38	20 5	16 23	5 50
F 25	21 50	14 46	0 55	17 22	1 2	23 38	0 35	14 50	0 23	1 32	1 28	3 7	2 42	23 46	0 14	14 49	0 43	22 50	0 40	16 59	16 37	20 4	16 22	5 50
S 26	22 0	17 51	0s26	17 52	0 55	23 46	0 38	15 3	0 22	1 32	1 28	3 7	2 41	23 46	0 14	14 48	0 43	22 50	0 40	16 59	16 36	20 4	16 22	5 50
S 27	22 9	19 47	1 47	18 20	0 47	23 54	0 40	15 17	0 22	1 31	1 28	3 7	2 41	23 46	0 14	14 48	0 43	22 50	0 40	16 58	16 35	20 3	16 22	5 50
M28	22 17	20 18	3 1	18 49	0 40	24 1	0 42	15 30	0 21	1 30	1 27	3 6	2 41	23 46	0 14	14 48	0 43	22 50	0 39	16 58	16 34	20 3	16 21	5 49
T 29	22 25	19 20	4 2	19 16	0 32	24 8	0 44	15 43	0 20	1 29	1 27	3 6	2 40	23 46	0 14	14 47	0 43	22 50	0 39	16 57	16 33	20 2	16 21	5 49
W30	22s33	17n 1	4s46	19s43	0n25	24s13	0s46	15s56	0n20	1s27	1s27	3n 6	2s40	23n45	0n14	14s47	0s43	22s50	0n39	16s56	16s32	20s 2	16s21	5n49

Julian Day Number = 2096108.5, Delta T = 22m18s
Ecliptic obliquity = 23°33'49, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'33, Lahiri = 10°17'33 Julian Calendar 1 Nov. 1026 == Greg. Calendar 7 Nov. 1026

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ASTRODIENST EPHEMERIS for the year 1026
geocentric

DECEMBER 1026 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 0 7	14♐38'16	6♌57	0♐55	25♐50	15♏ 7	29♓42	14°R 0	26°R38	22♒28	4♑28	16°R41	15♏21	28♐45	19♑50	T 1
F 2	5 4 4	15°39'25	21°18	2°26	27° 5	15°49	29°45	13♈59	26♊36	22°29	4°30	16♏38	15°18	28°51	19°55	F 2
S 3	5 8 0	16°40'34	5♍11	3°56	28°20	16°31	29°47	13°58	26°33	22°31	4°32	16°36	15°15	28°58	19°59	S 3
S 4	5 11 57	17°41'45	18°38	5°27	29°36	17°12	29°50	13°57	26°31	22°32	4°34	16°D35	15°12	29° 5	20° 4	S 4
M 5	5 15 53	18°42'55	1♎40	6°59	0♑51	17°54	29°53	13°56	26°28	22°33	4°36	16°36	15° 9	29°11	20° 8	M 5
T 6	5 19 50	19°44'07	14°21	8°31	2° 6	18°36	29°57	13°55	26°26	22°34	4°38	16°38	15° 5	29°18	20°13	T 6
W 7	5 23 46	20°45'19	26°45	10° 3	3°22	19°18	0♈ 0	13°55	26°23	22°35	4°40	16°39	15° 2	29°25	20°17	W 7
T 8	5 27 43	21°46'31	8♏56	11°35	4°37	20° 0	0° 4	13°55	26°21	22°37	4°42	16°41	14°59	29°31	20°22	T 8
F 9	5 31 40	22°47'44	20°57	13° 7	5°52	20°42	0° 8	13°54	26°18	22°38	4°44	16°R41	14°56	29°38	20°26	F 9
S 10	5 35 36	23°48'57	2♐52	14°40	7° 8	21°24	0°12	13°54	26°15	22°39	4°46	16°39	14°53	29°45	20°31	S 10
S 11	5 39 33	24°50'11	14°43	16°13	8°23	22° 6	0°16	13°D54	26°13	22°41	4°48	16°36	14°49	29°51	20°35	S 11
M12	5 43 29	25°51'24	26°33	17°47	9°38	22°48	0°21	13°54	26°10	22°42	4°50	16°31	14°46	29°58	20°40	M12
T 13	5 47 26	26°52'38	8♑23	19°21	10°53	23°30	0°26	13°54	26° 8	22°44	4°52	16°23	14°43	0♑ 5	20°45	T 13
W14	5 51 22	27°53'51	20°14	20°55	12° 9	24°13	0°30	13°55	26° 5	22°45	4°54	16°15	14°40	0°11	20°49	W14
T 15	5 55 19	28°55'04	2♒ 9	22°29	13°24	24°55	0°36	13°55	26° 2	22°47	4°56	16° 6	14°37	0°18	20°54	T 15
F 16	5 59 15	29°56'17	14°10	24° 4	14°39	25°37	0°41	13°55	26° 0	22°48	4°58	15°58	14°34	0°25	20°59	F 16
S 17	6 3 12	0♑57'30	26°19	25°39	15°54	26°19	0°46	13°56	25°57	22°50	5° 0	15°51	14°30	0°31	21° 4	S 17
S 18	6 7 9	1°58'42	8♓39	27°15	17°10	27° 2	0°52	13°57	25°55	22°51	5° 2	15°47	14°27	0°38	21° 8	S 18
M19	6 11 5	2°59'54	21°13	28°51	18°25	27°44	0°58	13°58	25°52	22°53	5° 4	15°44	14°24	0°45	21°13	M19
T 20	6 15 2	4° 1'05	4♈ 6	0♑27	19°40	28°26	1° 3	13°59	25°50	22°55	5° 6	15°D43	14°21	0°52	21°18	T 20
W21	6 18 58	5° 2'15	17°20	2° 4	20°55	29° 9	1°10	14° 0	25°47	22°56	5° 8	15°44	14°18	0°58	21°23	W21
T 22	6 22 55	6° 3'25	1♉ 0	3°41	22°10	29°51	1°16	14° 1	25°45	22°58	5°10	15°45	14°15	1° 5	21°28	T 22
F 23	6 26 51	7° 4'35	15° 7	5°19	23°25	0♐34	1°22	14° 2	25°42	23° 0	5°12	15°R45	14°11	1°12	21°33	F 23
S 24	6 30 48	8° 5'43	29°40	6°57	24°40	1°16	1°29	14° 4	25°39	23° 1	5°15	15°45	14° 8	1°18	21°37	S 24
S 25	6 34 44	9° 6'52	14♊36	8°36	25°56	1°59	1°36	14° 5	25°37	23° 3	5°17	15°41	14° 5	1°25	21°42	S 25
M26	6 38 41	10° 7'59	29°49	10°15	27°11	2°41	1°43	14° 7	25°34	23° 5	5°19	15°36	14° 2	1°32	21°47	M26
T 27	6 42 38	11° 9'06	15♋ 9	11°54	28°26	3°24	1°50	14° 8	25°32	23° 7	5°21	15°28	13°59	1°38	21°52	T 27
W28	6 46 34	12°10'13	0♌24	13°35	29°41	4° 6	1°57	14°10	25°30	23° 8	5°23	15°19	13°55	1°45	21°57	W28
T 29	6 50 31	13°11'18	15°23	15°15	0♒56	4°49	2° 5	14°12	25°27	23°10	5°25	15°10	13°52	1°52	22° 2	T 29
F 30	6 54 27	14°12'24	29°59	16°56	2°11	5°32	2°12	14°14	25°25	23°12	5°27	15° 2	13°49	1°58	22° 7	F 30
S 31	6 58 24	15♑13'28	14♍ 6	18♑38	3♒26	6♐14	2♈20	14♈16	25♊22	23♒14	5♑29	14♏56	13♏46	2♑ 5	22♑12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s40	13n38	5s 9	20s10	0n18	24s18	0s48	16s 9	0n19	1s26	1s26	3n 6	2s40	23n45	0n14	14s47	0s43	22s50	0n39	16s55	16s31	20s 1	16s20	5n49
F 2	22 47	9 32	5 13	20 35	0 11	24 22	0 51	16 22	0 19	1 25	1 26	3 5	2 40	23 45	0 14	14 46	0 43	22 50	0 39	16 54	16 31	20 0	16 20	5 49
S 3	22 54	5 3	4 58	20 59	0 3	24 26	0 53	16 34	0 18	1 24	1 26	3 5	2 39	23 45	0 14	14 46	0 43	22 50	0 39	16 53	16 30	20 0	16 19	5 48
S 4	22 59	0 26	4 26	21 23	0s 4	24 28	0 55	16 47	0 17	1 22	1 25	3 5	2 39	23 45	0 14	14 45	0 43	22 50	0 39	16 53	16 29	19 59	16 19	5 48
M 5	23 5	4s 3	3 42	21 46	0 11	24 30	0 57	16 59	0 17	1 21	1 25	3 5	2 39	23 45	0 14	14 45	0 43	22 50	0 39	16 53	16 28	19 59	16 18	5 48
T 6	23 10	8 16	2 48	22 7	0 17	24 31	0 59	17 11	0 16	1 19	1 25	3 5	2 38	23 45	0 14	14 45	0 43	22 50	0 39	16 54	16 27	19 58	16 18	5 48
W 7	23 14	12 2	1 47	22 28	0 24	24 32	1 0	17 24	0 16	1 17	1 24	3 5	2 38	23 45	0 14	14 44	0 43	22 50	0 39	16 54	16 26	19 58	16 18	5 48
T 8	23 18	15 13	0 42	22 48	0 31	24 31	1 2	17 36	0 15	1 15	1 24	3 5	2 38	23 45	0 14	14 44	0 43	22 50	0 39	16 54	16 25	19 57	16 17	5 47
F 9	23 22	17 43	0n23	23 6	0 37	24 30	1 4	17 47	0 14	1 14	1 24	3 6	2 38	23 45	0 14	14 43	0 43	22 50	0 38	16 55	16 24	19 56	16 17	5 47
S 10	23 25	19 25	1 27	23 24	0 44	24 28	1 6	17 59	0 14	1 12	1 23	3 6	2 37	23 45	0 14	14 43	0 43	22 50	0 38	16 54	16 23	19 56	16 16	5 47
S 11	23 28	20 15	2 27	23 40	0 50	24 25	1 8	18 11	0 13	1 10	1 23	3 6	2 37	23 45	0 14	14 42	0 43	22 50	0 38	16 53	16 22	19 55	16 16	5 47
M12	23 30	20 11	3 20	23 55	0 56	24 22	1 9	18 22	0 12	1 8	1 23	3 6	2 37	23 45	0 14	14 42	0 43	22 50	0 38	16 52	16 21	19 54	16 15	5 47
T 13	23 32	19 14	4 4	24 9	1 2	24 18	1 11	18 33	0 12	1 5	1 23	3 7	2 36	23 45	0 14	14 41	0 43	22 50	0 38	16 49	16 20	19 54	16 14	5 47
W14	23 33	17 27	4 38	24 22	1 7	24 13	1 13	18 44	0 11	1 3	1 22	3 7	2 36	23 45	0 14	14 41	0 43	22 50	0 38	16 47	16 19	19 53	16 14	5 47
T 15	23 34	14 55	5 0	24 33	1 13	24 7	1 14	18 55	0 11	1 1	1 22	3 7	2 36	23 45	0 14	14 40	0 43	22 50	0 38	16 45	16 18	19 53	16 13	5 46
F 16	23 34	11 44	5 8	24 44	1 18	24 0	1 16	19 6	0 10	0 59	1 22	3 8	2 36	23 45	0 14	14 40	0 43	22 50	0 38	16 42	16 17	19 52	16 13	5 46
S 17	23 34	8 3	5 3	24 52	1 23	23 53	1 17	19 17	0 9	0 56	1 21	3 8	2 35	23 44	0 14	14 39	0 43	22 50	0 38	16 40	16 16	19 51	16 12	5 46
S 18	23 33	3 58	4 44	25 0	1 28	23 45	1 19	19 27	0 9	0 54	1 21	3 9	2 35	23 44	0 14	14 39	0 43	22 50	0 38	16 39	16 15	19 51	16 12	5 46
M19	23 32	0n21	4 12	25 6	1 32	23 37	1 20	19 38	0 8	0 51	1 21	3 10	2 35	23 44	0 14	14 38	0 43	22 51	0 37	16 38	16 15	19 50	16 11	5 46
T 20	23 30	4 47	3 25	25 10	1 37	23 27	1 21	19 48	0 7	0 48	1 21	3 10	2 34	23 44	0 14	14 38	0 43	22 51	0 37	16 38	16 14	19 49	16 10	5 46
W21	23 28	9 6	2 27	25 13	1 41	23 17	1 22	19 58	0 7	0 46	1 20	3 11	2 34	23 44	0 14	14 37	0 43	22 51	0 37	16 38	16 13	19 49	16 10	5 46
T 22	23 25	13 7	1 19	25 15	1 44	23 6	1 24	20 8	0 6	0 43	1 20	3 12	2 34	23 44	0 14	14 37	0 43	22 51	0 37	16 38	16 12	19 48	16 9	5 46
F 23	23 22	16 30	0 3	25 15	1 48	22 55	1 25	20 17	0 5	0 40	1 20	3 12	2 34	23 44	0 14	14 36	0 43	22 51	0 37	16 38	16 11	19 47	16 8	5 46
S 24	23 19	18 59	1s14	25 14	1 51	22 42	1 26	20 27	0 5	0 37	1 19	3 13	2 33	23 44	0 14	14 35	0 43	22 51	0 37	16 38	16 10	19 47	16 8	5 45
S 25	23 15	20 13	2 29	25 11	1 54	22 30	1 27	20 36	0 4	0 34	1 19	3 14	2 33	23 44	0 14	14 35	0 43	22 51	0 37	16 37	16 9	19 46	16 7	5 45
M26	23 10	20 0	3 34	25 6	1 57	22 16	1 28	20 45	0 3	0 31	1 19	3 15	2 33	23 44	0 14	14 34	0 43	22 51	0 37	16 36	16 8	19 45	16 6	5 45
T 27	23 6	18 20	4 24	25 0	1 59	22 2	1 29	20 54	0 2	0 28	1 19	3 16	2 32	23 44	0 14	14 34	0 43	22 51	0 37	16 34	16 7	19 45	16 6	5 45
W28	23 0	15 22	4 55	24 52	2 1	21 47	1 29	21 3	0 2	0 25	1 18	3 17	2 32	23 44	0 14	14 33	0 43	22 51	0 37	16 31	16 6	19 44	16 5	5 45
T 29	22 54	11 27	5 5	24 43	2 2	21 31	1 30	21 11	0 1	0 22	1 18	3 18	2 32	23 44	0 14	14 33	0 43	22 51	0 37	16 28	16 5	19 43	16 4	5 45
F 30	22 48	6 56	4 55	24 31	2 3	21 15	1 31	21 20	0 0	0 18	1 18	3 19	2 31	23 43	0 14	14 32	0 43	22 51	0 36	16 26	16 4	19 43	16 3	5 45
S 31	22s41	2n11	4s27	24s19	2s 4	20s58	1s31	21s28	0s 0	0s15	1s17	3n20	2s31	23n43	0n14	14s31	0s43	22s51	0n36	16s24	16s 3	19s42	16s 3	5n45

Julian Day Number = 2096138.5, Delta T = 22m18s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'37, Lahiri = 10°17'37 Julian Calendar 1 Dec. 1026 == Greg. Calendar 7 Dec. 1026

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

JANUARY 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 2 20	16♉14'33	27♍42	20♉20	4♒41	6♐57	2♈28	14♈19	25°R20	23♒16	5♉31	14°R52	13♏43	2♉12	22♉17	S 1
M 2	7 6 17	17°15'37	10♎49	22° 3	5°56	7°40	2°36	14°21	25♊18	23°18	5°33	14♏50	13°40	2°19	22°22	M 2
T 3	7 10 13	18°16'40	23°31	23°46	7°11	8°23	2°44	14°24	25°15	23°20	5°35	14°D50	13°36	2°25	22°27	T 3
W 4	7 14 10	19°17'43	5♏52	25°30	8°26	9° 6	2°52	14°26	25°13	23°22	5°37	14°50	13°33	2°32	22°32	W 4
T 5	7 18 7	20°18'46	17°58	27°14	9°41	9°49	3° 1	14°29	25°11	23°24	5°39	14°R51	13°30	2°39	22°37	T 5
F 6	7 22 3	21°19'47	29°54	28°58	10°55	10°32	3° 9	14°32	25° 8	23°26	5°41	14°49	13°27	2°45	22°42	F 6
S 7	7 26 0	22°20'48	11♐43	0♒43	12°10	11°14	3°18	14°34	25° 6	23°28	5°43	14°46	13°24	2°52	22°47	S 7
S 8	7 29 56	23°21'49	23°31	2°28	13°25	11°57	3°27	14°37	25° 4	23°30	5°45	14°39	13°21	2°59	22°52	S 8
M 9	7 33 53	24°22'48	5♉20	4°12	14°40	12°40	3°36	14°41	25° 2	23°32	5°47	14°30	13°17	3° 5	22°56	M 9
T 10	7 37 49	25°23'47	17°13	5°57	15°55	13°24	3°45	14°44	25° 0	23°34	5°49	14°18	13°14	3°12	23° 1	T 10
W11	7 41 46	26°24'44	29°10	7°42	17°10	14° 7	3°55	14°47	24°58	23°36	5°51	14° 5	13°11	3°19	23° 6	W11
T 12	7 45 42	27°25'41	11♒14	9°26	18°24	14°50	4° 4	14°50	24°55	23°38	5°53	13°50	13° 8	3°25	23°11	T 12
F 13	7 49 39	28°26'36	23°24	11°10	19°39	15°33	4°14	14°54	24°53	23°40	5°55	13°37	13° 5	3°32	23°16	F 13
S 14	7 53 36	29°27'29	5♓43	12°53	20°54	16°16	4°23	14°58	24°51	23°42	5°56	13°25	13° 1	3°39	23°21	S 14
S 15	7 57 32	0♒28'22	18°12	14°34	22° 9	16°59	4°33	15° 1	24°49	23°44	5°58	13°16	12°58	3°45	23°26	S 15
M16	8 1 29	1°29'13	0♈52	16°14	23°23	17°42	4°43	15° 5	24°47	23°46	6° 0	13° 9	12°55	3°52	23°31	M16
T 17	8 5 25	2°30'02	13°46	17°52	24°38	18°26	4°53	15° 9	24°46	23°49	6° 2	13° 6	12°52	3°59	23°36	T 17
W18	8 9 22	3°30'50	26°57	19°28	25°53	19° 9	5° 3	15°13	24°44	23°51	6° 4	13° 5	12°49	4° 6	23°41	W18
T 19	8 13 18	4°31'37	10♉28	21° 1	27° 7	19°52	5°14	15°17	24°42	23°53	6° 6	13° 5	12°46	4°12	23°46	T 19
F 20	8 17 15	5°32'22	24°20	22°31	28°22	20°36	5°24	15°21	24°40	23°55	6° 8	13° 4	12°42	4°19	23°51	F 20
S 21	8 21 11	6°33'05	8♊36	23°56	29°36	21°19	5°35	15°25	24°38	23°57	6°10	13° 3	12°39	4°26	23°56	S 21
S 22	8 25 8	7°33'46	23°13	25°17	0♓51	22° 2	5°45	15°30	24°37	23°59	6°11	12°58	12°36	4°32	24° 0	S 22
M23	8 29 5	8°34'26	8♋ 9	26°32	2° 5	22°46	5°56	15°34	24°35	24° 2	6°13	12°51	12°33	4°39	24° 5	M23
T 24	8 33 1	9°35'05	23°14	27°41	3°20	23°29	6° 7	15°38	24°33	24° 4	6°15	12°42	12°30	4°46	24°10	T 24
W25	8 36 58	10°35'41	8♌21	28°44	4°34	24°13	6°18	15°43	24°32	24° 6	6°17	12°30	12°27	4°52	24°15	W25
T 26	8 40 54	11°36'16	23°18	29°39	5°48	24°56	6°29	15°48	24°30	24° 8	6°18	12°18	12°23	4°59	24°20	T 26
F 27	8 44 51	12°36'50	7♍57	0♓25	7° 3	25°40	6°40	15°52	24°29	24°11	6°20	12° 7	12°20	5° 6	24°24	F 27
S 28	8 48 47	13°37'22	22° 9	1° 3	8°17	26°23	6°51	15°57	24°27	24°13	6°22	11°58	12°17	5°13	24°29	S 28
S 29	8 52 44	14°37'52	5♎53	1°31	9°31	27° 7	7° 2	16° 2	24°26	24°15	6°24	11°52	12°14	5°19	24°34	S 29
M30	8 56 40	15°38'22	19° 7	1°50	10°45	27°51	7°14	16° 7	24°24	24°17	6°25	11°48	12°11	5°26	24°39	M30
T 31	9 0 37	16♒38'50	1♏55	1°R58	11♓59	28♐34	7♈25	16♈12	24♊23	24♒20	6♉27	11♏47	12♏ 7	5♉33	24♉43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s34	2s30	3s44	24s 4	2s 4	20s41	1s32	21s36	0s 1	0s12	1s17	3n21	2s31	23n43	0n14	14s31	0s43	22s51	0n36	16s23	16s 2	19s41	16s 2	5n45
M 2	22 27	6 56	2 51	23 48	2 4	20 23	1 32	21 44	0 2	0 8	1 17	3 22	2 31	23 43	0 14	14 30	0 43	22 51	0 36	16 22	16 1	19 41	16 1	5 45
T 3	22 19	10 54	1 51	23 29	2 4	20 4	1 33	21 51	0 3	0 5	1 17	3 24	2 30	23 43	0 14	14 29	0 43	22 51	0 36	16 22	16 0	19 40	16 0	5 45
W 4	22 10	14 18	0 48	23 10	2 3	19 45	1 33	21 59	0 3	0 1	1 16	3 25	2 30	23 43	0 14	14 29	0 43	22 51	0 36	16 22	15 59	19 39	16 0	5 45
T 5	22 1	17 0	0n17	22 48	2 1	19 25	1 34	22 6	0 4	0n 2	1 16	3 26	2 30	23 43	0 14	14 28	0 43	22 51	0 36	16 22	15 58	19 38	15 59	5 45
F 6	21 52	18 56	1 19	22 25	1 59	19 5	1 34	22 13	0 5	0 6	1 16	3 28	2 30	23 43	0 14	14 27	0 43	22 51	0 36	16 22	15 57	19 38	15 58	5 45
S 7	21 42	20 2	2 18	22 0	1 56	18 44	1 34	22 20	0 5	0 10	1 16	3 29	2 29	23 43	0 15	14 27	0 43	22 51	0 36	16 21	15 56	19 37	15 57	5 45
S 8	21 32	20 14	3 10	21 33	1 53	18 23	1 34	22 27	0 6	0 14	1 15	3 30	2 29	23 43	0 15	14 26	0 43	22 51	0 36	16 19	15 55	19 36	15 56	5 45
M 9	21 21	19 33	3 54	21 4	1 49	18 1	1 34	22 33	0 7	0 17	1 15	3 32	2 29	23 43	0 15	14 25	0 43	22 51	0 36	16 16	15 55	19 36	15 56	5 45
T 10	21 10	18 1	4 28	20 34	1 45	17 38	1 34	22 39	0 8	0 21	1 15	3 33	2 28	23 43	0 15	14 25	0 43	22 51	0 35	16 13	15 54	19 35	15 55	5 45
W11	20 59	15 41	4 51	20 2	1 39	17 16	1 34	22 45	0 8	0 25	1 15	3 35	2 28	23 43	0 15	14 24	0 43	22 51	0 35	16 9	15 53	19 34	15 54	5 45
T 12	20 47	12 41	5 0	19 29	1 34	16 52	1 34	22 51	0 9	0 29	1 14	3 36	2 28	23 42	0 15	14 23	0 43	22 51	0 35	16 5	15 52	19 33	15 53	5 45
F 13	20 35	9 7	4 56	18 55	1 27	16 28	1 33	22 56	0 10	0 33	1 14	3 38	2 28	23 42	0 15	14 23	0 43	22 51	0 35	16 0	15 51	19 33	15 52	5 45
S 14	20 22	5 8	4 39	18 19	1 20	16 4	1 33	23 2	0 11	0 37	1 14	3 40	2 27	23 42	0 15	14 22	0 43	22 51	0 35	15 57	15 50	19 32	15 51	5 45
S 15	20 9	0 54	4 7	17 41	1 12	15 40	1 33	23 7	0 12	0 41	1 14	3 41	2 27	23 42	0 15	14 21	0 43	22 51	0 35	15 54	15 49	19 31	15 51	5 45
M16	19 56	3n27	3 23	17 3	1 3	15 14	1 32	23 12	0 12	0 46	1 14	3 43	2 27	23 42	0 15	14 21	0 43	22 51	0 35	15 52	15 48	19 30	15 50	5 46
T 17	19 42	7 44	2 28	16 24	0 53	14 49	1 31	23 16	0 13	0 50	1 13	3 45	2 27	23 42	0 15	14 20	0 43	22 51	0 35	15 51	15 47	19 30	15 49	5 46
W18	19 28	11 45	1 24	15 44	0 43	14 23	1 31	23 21	0 14	0 54	1 13	3 46	2 26	23 42	0 15	14 19	0 43	22 51	0 35	15 51	15 46	19 29	15 48	5 46
T 19	19 14	15 15	0 14	15 4	0 32	13 57	1 30	23 25	0 15	0 58	1 13	3 48	2 26	23 42	0 15	14 18	0 43	22 51	0 35	15 51	15 45	19 28	15 47	5 46
F 20	18 59	18 0	0s59	14 23	0 19	13 30	1 29	23 29	0 16	1 3	1 13	3 50	2 26	23 42	0 15	14 18	0 43	22 51	0 35	15 51	15 44	19 27	15 46	5 46
S 21	18 44	19 42	2 11	13 43	0 7	13 3	1 29	23 33	0 16	1 7	1 12	3 52	2 26	23 42	0 15	14 17	0 43	22 51	0 35	15 50	15 43	19 27	15 45	5 46
S 22	18 28	20 9	3 15	13 3	0n 7	12 36	1 28	23 36	0 17	1 12	1 12	3 54	2 25	23 42	0 15	14 16	0 43	22 51	0 34	15 49	15 42	19 26	15 44	5 46
M23	18 13	19 12	4 7	12 24	0 21	12 8	1 27	23 40	0 18	1 16	1 12	3 56	2 25	23 42	0 15	14 15	0 43	22 51	0 34	15 47	15 41	19 25	15 43	5 46
T 24	17 57	16 54	4 43	11 47	0 36	11 40	1 26	23 43	0 19	1 20	1 12	3 58	2 25	23 42	0 15	14 15	0 43	22 51	0 34	15 44	15 40	19 24	15 42	5 46
W25	17 40	13 27	4 59	11 11	0 51	11 12	1 24	23 46	0 20	1 25	1 12	4 0	2 25	23 41	0 15	14 14	0 43	22 51	0 34	15 40	15 39	19 24	15 41	5 46
T 26	17 24	9 11	4 55	10 37	1 7	10 43	1 23	23 48	0 20	1 30	1 11	4 2	2 24	23 41	0 15	14 13	0 43	22 51	0 34	15 37	15 38	19 23	15 40	5 47
F 27	17 7	4 27	4 31	10 6	1 23	10 14	1 22	23 51	0 21	1 34	1 11	4 4	2 24	23 41	0 15	14 12	0 43	22 51	0 34	15 33	15 37	19 22	15 40	5 47
S 28	16 49	0s24	3 50	9 37	1 39	9 45	1 21	23 53	0 22	1 39	1 11	4 6	2 24	23 41	0 15	14 12	0 43	22 51	0 34	15 30	15 36	19 21	15 39	5 47
S 29	16 32	5 4	2 58	9 12	1 55	9 16	1 19	23 55	0 23	1 44	1 11	4 8	2 24	23 41	0 15	14 11	0 43	22 51	0 34	15 28	15 35	19 20	15 38	5 47
M30	16 14	9 19	1 57	8 51	2 11	8 46	1 18	23 56	0 24	1 48	1 11	4 10	2 23	23 41	0 15	14 10	0 43	22 51	0 34	15 27	15 34	19 20	15 37	5 47
T 31	15s56	13s 1	0s52	8s33	2n26	8s16	1s16	23s58	0s25	1n53	1s10	4n12	2s23	23n41	0n15	14s 9	0s43	22s51	0n34	15s27	15s33	19s19	15s36	5n47

Julian Day Number = 2096169.5, Delta T = 22m18s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'41, Lahiri = 10°17'42 Julian Calendar 1 Jan. 1027 == Greg. Calendar 7 Jan. 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

FEBRUARY 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 4 34	17♒39'16	14♏20	1°R56	13♓14	29♐18	7♈37	16♈17	24°R22	24♒22	6♑29	11°R47	12♏ 4	5♑39	24♑48	W 1
T 2	9 8 30	18°39'42	26°28	1♓45	14°28	0♑ 2	7°49	16°23	24♊21	24°24	6°30	11♏46	12° 1	5°46	24°53	T 2
F 3	9 12 27	19°40'06	8♐25	1°23	15°42	0°45	8° 1	16°28	24°20	24°26	6°32	11°45	11°58	5°53	24°57	F 3
S 4	9 16 23	20°40'28	20°15	0°52	16°56	1°29	8°12	16°33	24°18	24°29	6°33	11°42	11°55	5°59	25° 2	S 4
S 5	9 20 20	21°40'49	2♑ 3	0°13	18°10	2°13	8°24	16°39	24°17	24°31	6°35	11°36	11°52	6° 6	25° 6	S 5
M 6	9 24 16	22°41'08	13°53	29♒26	19°24	2°57	8°37	16°44	24°16	24°33	6°37	11°27	11°48	6°13	25°11	M 6
T 7	9 28 13	23°41'26	25°50	28°34	20°37	3°41	8°49	16°50	24°15	24°35	6°38	11°15	11°45	6°19	25°16	T 7
W 8	9 32 9	24°41'42	7♒55	27°36	21°51	4°25	9° 1	16°55	24°14	24°38	6°40	11° 2	11°42	6°26	25°20	W 8
T 9	9 36 6	25°41'56	20° 9	26°35	23° 5	5° 9	9°13	17° 1	24°14	24°40	6°41	10°48	11°39	6°33	25°24	T 9
F 10	9 40 3	26°42'08	2♓33	25°32	24°19	5°52	9°26	17° 7	24°13	24°42	6°43	10°35	11°36	6°40	25°29	F 10
S 11	9 43 59	27°42'19	15° 8	24°29	25°33	6°36	9°38	17°13	24°12	24°45	6°44	10°23	11°32	6°46	25°33	S 11
S 12	9 47 56	28°42'27	27°53	23°28	26°46	7°20	9°51	17°19	24°11	24°47	6°45	10°14	11°29	6°53	25°38	S 12
M13	9 51 52	29°42'34	10♈49	22°28	28° 0	8° 4	10° 3	17°25	24°11	24°49	6°47	10° 7	11°26	7° 0	25°42	M13
T 14	9 55 49	0♓42'38	23°57	21°33	29°13	8°48	10°16	17°31	24°10	24°51	6°48	10° 4	11°23	7° 6	25°46	T 14
W15	9 59 45	1°42'40	7♉17	20°42	0♈27	9°32	10°29	17°37	24° 9	24°54	6°49	10°D 3	11°20	7°13	25°50	W15
T 16	10 3 42	2°42'40	20°50	19°56	1°40	10°16	10°41	17°43	24° 9	24°56	6°51	10° 3	11°17	7°20	25°55	T 16
F 17	10 7 38	3°42'38	4♊39	19°16	2°54	11° 1	10°54	17°49	24° 8	24°58	6°52	10°R 3	11°13	7°26	25°59	F 17
S 18	10 11 35	4°42'34	18°43	18°43	4° 7	11°45	11° 7	17°56	24° 8	25° 0	6°53	10° 3	11°10	7°33	26° 3	S 18
S 19	10 15 32	5°42'27	3♋ 2	18°16	5°20	12°29	11°20	18° 2	24° 8	25° 3	6°55	10° 0	11° 7	7°40	26° 7	S 19
M20	10 19 28	6°42'18	17°35	17°56	6°33	13°13	11°33	18° 8	24° 7	25° 5	6°56	9°54	11° 4	7°47	26°11	M20
T 21	10 23 25	7°42'07	2♌15	17°42	7°47	13°57	11°46	18°15	24° 7	25° 7	6°57	9°47	11° 1	7°53	26°15	T 21
W22	10 27 21	8°41'54	16°58	17°35	9° 0	14°41	12° 0	18°21	24° 7	25° 9	6°58	9°38	10°58	8° 0	26°19	W22
T 23	10 31 18	9°41'38	1♍34	17°D34	10°13	15°25	12°13	18°28	24° 7	25°12	6°59	9°28	10°54	8° 7	26°23	T 23
F 24	10 35 14	10°41'20	15°58	17°39	11°26	16°10	12°26	18°35	24° 7	25°14	7° 0	9°19	10°51	8°13	26°27	F 24
S 25	10 39 11	11°41'01	0♎ 2	17°50	12°39	16°54	12°39	18°41	24°D 7	25°16	7° 2	9°11	10°48	8°20	26°31	S 25
S 26	10 43 7	12°40'39	13°42	18° 6	13°52	17°38	12°53	18°48	24° 7	25°18	7° 3	9° 6	10°45	8°27	26°35	S 26
M27	10 47 4	13°40'15	26°56	18°27	15° 4	18°22	13° 6	18°55	24° 7	25°20	7° 4	9° 3	10°42	8°33	26°38	M27
T 28	10 51 0	14♓39'50	9♏47	18♒54	16♈17	19♑ 7	13♈20	19♈ 1	24♊ 7	25♒23	7♑ 5	9°D 2	10♏38	8♑40	26♑42	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15s37	16s 1	0n14	8s20	2n41	7s46	1s15	23s59	0s25	1n58	1s10	4n14	2s23	23n41	0n15	14s 9	0s43	22s51	0n34	15s27	15s32	19s18	15s35	5n47	W 1
T 2	15 19	18 13	1 17	8 11	2 55	7 16	1 13	24 0	0 26	2 3	1 10	4 17	2 23	23 41	0 15	14 8	0 43	22 51	0 34	15 27	15 31	19 17	15 34	5 48	T 2
F 3	15 0	19 35	2 16	8 7	3 7	6 46	1 11	24 1	0 27	2 7	1 10	4 19	2 22	23 41	0 15	14 7	0 43	22 51	0 33	15 26	15 30	19 16	15 33	5 48	F 3
S 4	14 41	20 4	3 9	8 8	3 19	6 15	1 9	24 1	0 28	2 12	1 10	4 21	2 22	23 41	0 15	14 6	0 43	22 51	0 33	15 25	15 29	19 16	15 32	5 48	S 4
S 5	14 21	19 40	3 53	8 12	3 28	5 44	1 8	24 2	0 29	2 17	1 10	4 23	2 22	23 41	0 15	14 6	0 43	22 51	0 33	15 23	15 28	19 15	15 31	5 48	S 5
M 6	14 1	18 24	4 27	8 21	3 36	5 14	1 6	24 1	0 30	2 22	1 9	4 26	2 22	23 41	0 15	14 5	0 43	22 51	0 33	15 21	15 27	19 14	15 30	5 48	M 6
T 7	13 42	16 20	4 50	8 34	3 42	4 43	1 4	24 1	0 31	2 27	1 9	4 28	2 22	23 41	0 15	14 4	0 43	22 51	0 33	15 17	15 26	19 13	15 29	5 49	T 7
W 8	13 21	13 33	5 0	8 51	3 45	4 11	1 2	24 1	0 31	2 32	1 9	4 30	2 21	23 41	0 15	14 3	0 43	22 51	0 33	15 13	15 25	19 12	15 28	5 49	W 8
T 9	13 1	10 9	4 57	9 10	3 47	3 40	1 0	24 0	0 32	2 37	1 9	4 33	2 21	23 41	0 15	14 3	0 43	22 51	0 33	15 9	15 24	19 12	15 27	5 49	T 9
F 10	12 41	6 17	4 39	9 32	3 46	3 9	0 57	23 59	0 33	2 42	1 9	4 35	2 21	23 41	0 15	14 2	0 43	22 51	0 33	15 4	15 23	19 11	15 26	5 49	F 10
S 11	12 20	2 5	4 8	9 55	3 43	2 37	0 55	23 58	0 34	2 47	1 9	4 38	2 21	23 41	0 15	14 1	0 43	22 51	0 33	15 1	15 22	19 10	15 25	5 49	S 11
S 12	11 59	2n16	3 24	10 20	3 38	2 6	0 53	23 56	0 35	2 52	1 8	4 40	2 21	23 41	0 15	14 0	0 43	22 51	0 33	14 58	15 21	19 9	15 24	5 50	S 12
M13	11 38	6 35	2 29	10 46	3 31	1 34	0 51	23 55	0 36	2 57	1 8	4 43	2 20	23 41	0 15	14 0	0 43	22 51	0 33	14 56	15 20	19 8	15 23	5 50	M13
T 14	11 17	10 39	1 24	11 12	3 23	1 3	0 48	23 53	0 37	3 3	1 8	4 45	2 20	23 41	0 14	13 59	0 43	22 51	0 33	14 55	15 19	19 7	15 22	5 50	T 14
W15	10 55	14 15	0 15	11 38	3 13	0 31	0 46	23 51	0 38	3 8	1 8	4 48	2 20	23 41	0 14	13 58	0 43	22 51	0 32	14 54	15 18	19 6	15 21	5 50	W15
T 16	10 34	17 8	0s57	12 2	3 1	0n 0	0 43	23 48	0 39	3 13	1 8	4 50	2 20	23 40	0 14	13 57	0 43	22 51	0 32	14 54	15 17	19 6	15 20	5 51	T 16
F 17	10 12	19 6	2 7	12 26	2 49	0 32	0 41	23 46	0 39	3 18	1 8	4 53	2 20	23 40	0 14	13 57	0 43	22 51	0 32	14 54	15 16	19 5	15 19	5 51	F 17
S 18	9 50	19 55	3 11	12 49	2 36	1 4	0 38	23 43	0 40	3 23	1 7	4 55	2 20	23 40	0 14	13 56	0 43	22 51	0 32	14 54	15 15	19 4	15 18	5 51	S 18
S 19	9 28	19 28	4 3	13 10	2 23	1 35	0 36	23 40	0 41	3 29	1 7	4 58	2 19	23 40	0 14	13 55	0 43	22 51	0 32	14 53	15 14	19 3	15 17	5 51	S 19
M20	9 6	17 45	4 41	13 30	2 9	2 7	0 33	23 36	0 42	3 34	1 7	5 0	2 19	23 40	0 14	13 54	0 43	22 51	0 32	14 52	15 14	19 2	15 16	5 52	M20
T 21	8 43	14 52	5 1	13 47	1 55	2 38	0 30	23 33	0 43	3 39	1 7	5 3	2 19	23 40	0 14	13 54	0 43	22 51	0 32	14 49	15 13	19 1	15 15	5 52	T 21
W22	8 21	11 3	5 1	14 3	1 40	3 10	0 27	23 29	0 44	3 44	1 7	5 6	2 19	23 40	0 14	13 53	0 43	22 51	0 32	14 46	15 12	19 0	15 14	5 52	W22
T 23	7 58	6 35	4 42	14 17	1 26	3 41	0 25	23 25	0 45	3 50	1 7	5 8	2 19	23 40	0 14	13 52	0 43	22 51	0 32	14 43	15 11	19 0	15 13	5 53	T 23
F 24	7 36	1 49	4 4	14 29	1 12	4 13	0 22	23 20	0 46	3 55	1 7	5 11	2 19	23 40	0 14	13 51	0 43	22 51	0 32	14 40	15 10	18 59	15 12	5 53	F 24
S 25	7 13	2s57	3 13	14 39	0 58	4 44	0 19	23 16	0 47	4 0	1 6	5 14	2 18	23 40	0 14	13 51	0 43	22 51	0 32	14 38	15 9	18 58	15 11	5 53	S 25
S 26	6 50	7 27	2 11	14 47	0 44	5 15	0 16	23 11	0 48	4 6	1 6	5 16	2 18	23 40	0 14	13 50	0 43	22 51	0 32	14 36	15 8	18 57	15 10	5 53	S 26
M27	6 27	11 26	1 4	14 53	0 31	5 46	0 13	23 6	0 49	4 11	1 6	5 19	2 18	23 40	0 14	13 49	0 43	22 51	0 32	14 35	15 7	18 56	15 9	5 54	M27
T 28	6s 4	14s45	0n 4	14s57	0n18	6n17	0s10	23s 1	0s49	4n16	1s 6	5n22	2s18	23n40	0n14	13s49	0s43	22s51	0n31	14s35	15s 6	18s55	15s 8	5n54	T 28

Julian Day Number = 2096200.5, Delta T = 22m17s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'45, Lahiri = 10°17'46 Julian Calendar 1 Feb. 1027 == Greg. Calendar 7 Feb. 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

MARCH 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 54 57	15♓39'23	22♏16	19♒25	17♈30	19♑51	13♈33	19♈ 8	24♊ 7	25♒25	7♑ 6	9♏ 3	10♏35	8♑47	26♑46	W 1
T 2	10 58 54	16°38'54	4♐28	20° 0	18°42	20°35	13°47	19°15	24° 7	25°27	7° 7	9° 4	10°32	8°54	26°49	T 2
F 3	11 2 50	17°38'23	16°28	20°39	19°55	21°20	14° 0	19°22	24° 8	25°29	7° 8	9°R 5	10°29	9° 0	26°53	F 3
S 4	11 6 47	18°37'50	28°20	21°22	21° 7	22° 4	14°14	19°29	24° 8	25°31	7° 9	9° 4	10°26	9° 7	26°57	S 4
S 5	11 10 43	19°37'16	10♑11	22° 9	22°20	22°48	14°28	19°36	24° 8	25°33	7° 9	9° 2	10°23	9°14	27° 0	S 5
M 6	11 14 40	20°36'40	22° 4	22°59	23°32	23°33	14°42	19°43	24° 9	25°35	7°10	8°57	10°19	9°20	27° 3	M 6
T 7	11 18 36	21°36'02	4♒ 4	23°53	24°44	24°17	14°55	19°50	24° 9	25°38	7°11	8°51	10°16	9°27	27° 7	T 7
W 8	11 22 33	22°35'22	16°15	24°49	25°56	25° 2	15° 9	19°57	24°10	25°40	7°12	8°43	10°13	9°34	27°10	W 8
T 9	11 26 29	23°34'40	28°38	25°48	27° 9	25°46	15°23	20° 5	24°10	25°42	7°13	8°35	10°10	9°40	27°13	T 9
F 10	11 30 26	24°33'56	11♓15	26°50	28°21	26°30	15°37	20°12	24°11	25°44	7°13	8°26	10° 7	9°47	27°17	F 10
S 11	11 34 23	25°33'09	24° 7	27°54	29°33	27°15	15°51	20°19	24°12	25°46	7°14	8°19	10° 4	9°54	27°20	S 11
S 12	11 38 19	26°32'21	7♈13	29° 1	0♉45	27°59	16° 5	20°26	24°13	25°48	7°15	8°14	10° 0	10° 1	27°23	S 12
M13	11 42 16	27°31'31	20°31	0♓11	1°56	28°44	16°19	20°34	24°13	25°50	7°15	8°10	9°57	10° 7	27°26	M13
T 14	11 46 12	28°30'39	4♉ 2	1°22	3° 8	29°28	16°33	20°41	24°14	25°52	7°16	8°D 9	9°54	10°14	27°29	T 14
W15	11 50 9	29°29'44	17°42	2°36	4°20	0♒13	16°47	20°48	24°15	25°54	7°17	8° 9	9°51	10°21	27°32	W15
T 16	11 54 5	0♈28'47	1♊32	3°51	5°31	0°57	17° 1	20°56	24°16	25°56	7°17	8°10	9°48	10°27	27°35	T 16
F 17	11 58 2	1°27'48	15°31	5° 9	6°43	1°42	17°15	21° 3	24°17	25°58	7°18	8°12	9°44	10°34	27°38	F 17
S 18	12 1 58	2°26'46	29°36	6°29	7°54	2°26	17°29	21°11	24°18	26° 0	7°18	8°R13	9°41	10°41	27°41	S 18
S 19	12 5 55	3°25'42	13♋48	7°50	9° 6	3°11	17°43	21°18	24°19	26° 2	7°19	8°12	9°38	10°48	27°43	S 19
M20	12 9 52	4°24'36	28° 4	9°13	10°17	3°55	17°58	21°26	24°21	26° 3	7°19	8°10	9°35	10°54	27°46	M20
T 21	12 13 48	5°23'27	12♌21	10°38	11°28	4°40	18°12	21°33	24°22	26° 5	7°20	8° 7	9°32	11° 1	27°49	T 21
W22	12 17 45	6°22'16	26°35	12° 5	12°39	5°24	18°26	21°41	24°23	26° 7	7°20	8° 3	9°29	11° 8	27°51	W22
T 23	12 21 41	7°21'03	10♍43	13°34	13°50	6° 9	18°40	21°48	24°24	26° 9	7°20	7°58	9°25	11°14	27°54	T 23
F 24	12 25 38	8°19'47	24°40	15° 4	15° 1	6°53	18°54	21°56	24°26	26°11	7°21	7°53	9°22	11°21	27°56	F 24
S 25	12 29 34	9°18'30	8♎21	16°36	16°12	7°38	19° 9	22° 3	24°27	26°13	7°21	7°50	9°19	11°28	27°58	S 25
S 26	12 33 31	10°17'10	21°45	18° 9	17°22	8°22	19°23	22°11	24°29	26°14	7°21	7°48	9°16	11°34	28° 1	S 26
M27	12 37 27	11°15'49	4♏50	19°44	18°33	9° 7	19°37	22°18	24°30	26°16	7°21	7°D47	9°13	11°41	28° 3	M27
T 28	12 41 24	12°14'25	17°35	21°21	19°43	9°52	19°52	22°26	24°32	26°18	7°22	7°47	9° 9	11°48	28° 5	T 28
W29	12 45 20	13°13'00	0♐ 3	23° 0	20°54	10°36	20° 6	22°34	24°33	26°20	7°22	7°48	9° 6	11°55	28° 7	W29
T 30	12 49 17	14°11'33	12°16	24°40	22° 4	11°21	20°20	22°41	24°35	26°21	7°22	7°50	9° 3	12° 1	28° 9	T 30
F 31	12 53 14	15♈10'05	24♐18	26♓22	23♉14	12♒ 5	20♈35	22♈49	24♊37	26♒23	7♑22	7♏51	9♏ 0	12♑ 8	28♑11	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s41	17s18	1n11	14s59	0n 5	6n48	0s 7	22s55	0s50	4n22	1s 6	5n24	2s18	23n40	0n14	13s48	0s43	22s51	0n31	14s35	15s 5	18s54	15s 7	5n54
T 2	5 18	18 59	2 12	15 0	0s 7	7 18	0 4	22 49	0 51	4 27	1 6	5 27	2 18	23 40	0 14	13 47	0 43	22 51	0 31	14 36	15 4	18 53	15 6	5 55
F 3	4 55	19 46	3 7	14 58	0 18	7 49	0 1	22 43	0 52	4 33	1 6	5 30	2 17	23 40	0 14	13 46	0 43	22 51	0 31	14 36	15 3	18 52	15 5	5 55
S 4	4 31	19 40	3 54	14 55	0 30	8 19	0n 2	22 37	0 53	4 38	1 6	5 33	2 17	23 40	0 14	13 46	0 43	22 51	0 31	14 36	15 2	18 52	15 4	5 55
S 5	4 8	18 41	4 30	14 50	0 40	8 49	0 6	22 31	0 54	4 43	1 5	5 35	2 17	23 40	0 14	13 45	0 44	22 51	0 31	14 35	15 1	18 51	15 3	5 56
M 6	3 44	16 54	4 54	14 43	0 51	9 19	0 9	22 24	0 55	4 49	1 5	5 38	2 17	23 40	0 14	13 44	0 44	22 51	0 31	14 33	15 0	18 50	15 2	5 56
T 7	3 21	14 22	5 7	14 35	1 0	9 49	0 12	22 17	0 56	4 54	1 5	5 41	2 17	23 40	0 14	13 44	0 44	22 51	0 31	14 31	14 59	18 49	15 1	5 56
W 8	2 57	11 12	5 5	14 25	1 10	10 18	0 15	22 10	0 57	5 0	1 5	5 44	2 17	23 40	0 14	13 43	0 44	22 51	0 31	14 29	14 58	18 48	15 0	5 57
T 9	2 34	7 29	4 49	14 13	1 18	10 48	0 18	22 3	0 58	5 5	1 5	5 47	2 17	23 40	0 14	13 42	0 44	22 51	0 31	14 26	14 57	18 47	14 59	5 57
F 10	2 10	3 23	4 19	13 59	1 27	11 17	0 22	21 55	0 59	5 11	1 5	5 49	2 17	23 41	0 14	13 42	0 44	22 51	0 31	14 23	14 56	18 46	14 58	5 57
S 11	1 47	0n57	3 36	13 44	1 34	11 45	0 25	21 48	1 0	5 16	1 5	5 52	2 17	23 41	0 14	13 41	0 44	22 51	0 31	14 21	14 55	18 45	14 57	5 58
S 12	1 23	5 19	2 40	13 28	1 42	12 14	0 28	21 40	1 1	5 22	1 5	5 55	2 16	23 41	0 14	13 40	0 44	22 51	0 31	14 19	14 54	18 44	14 56	5 58
M13	0 59	9 31	1 34	13 9	1 48	12 42	0 31	21 32	1 2	5 27	1 5	5 58	2 16	23 41	0 14	13 40	0 44	22 51	0 30	14 18	14 52	18 43	14 55	5 59
T 14	0 36	13 17	0 22	12 50	1 55	13 10	0 35	21 23	1 3	5 33	1 5	6 1	2 16	23 41	0 14	13 39	0 44	22 51	0 30	14 18	14 51	18 42	14 54	5 59
W15	0 12	16 22	0s52	12 28	2 0	13 37	0 38	21 15	1 4	5 38	1 4	6 4	2 16	23 41	0 14	13 38	0 44	22 52	0 30	14 18	14 50	18 41	14 53	5 59
T 16	0n12	18 33	2 4	12 6	2 6	14 5	0 41	21 6	1 5	5 44	1 4	6 7	2 16	23 41	0 14	13 38	0 44	22 52	0 30	14 18	14 49	18 40	14 52	6 0
F 17	0 35	19 38	3 9	11 41	2 10	14 32	0 45	20 57	1 6	5 49	1 4	6 9	2 16	23 41	0 14	13 37	0 44	22 52	0 30	14 19	14 48	18 40	14 51	6 0
S 18	0 59	19 30	4 4	11 16	2 15	14 58	0 48	20 48	1 6	5 55	1 4	6 12	2 16	23 41	0 14	13 36	0 44	22 52	0 30	14 19	14 47	18 39	14 50	6 0
S 19	1 22	18 8	4 44	10 49	2 18	15 24	0 51	20 38	1 7	6 0	1 4	6 15	2 16	23 41	0 14	13 36	0 44	22 52	0 30	14 19	14 46	18 38	14 50	6 1
M20	1 46	15 39	5 7	10 20	2 22	15 50	0 54	20 29	1 8	6 6	1 4	6 18	2 16	23 41	0 14	13 35	0 44	22 52	0 30	14 18	14 45	18 37	14 49	6 1
T 21	2 9	12 13	5 11	9 50	2 24	16 16	0 58	20 19	1 9	6 11	1 4	6 21	2 16	23 41	0 14	13 34	0 44	22 52	0 30	14 17	14 44	18 36	14 48	6 2
W22	2 33	8 5	4 56	9 19	2 26	16 41	1 1	20 9	1 10	6 17	1 4	6 24	2 15	23 41	0 14	13 34	0 44	22 52	0 30	14 16	14 43	18 35	14 47	6 2
T 23	2 56	3 32	4 23	8 46	2 28	17 6	1 4	19 59	1 11	6 22	1 4	6 27	2 15	23 41	0 14	13 33	0 44	22 52	0 30	14 14	14 42	18 34	14 46	6 2
F 24	3 19	1s 9	3 34	8 12	2 29	17 30	1 7	19 49	1 12	6 28	1 4	6 30	2 15	23 41	0 14	13 33	0 44	22 52	0 30	14 13	14 41	18 33	14 45	6 3
S 25	3 42	5 41	2 34	7 37	2 30	17 54	1 11	19 38	1 13	6 33	1 4	6 32	2 15	23 41	0 14	13 32	0 44	22 52	0 29	14 12	14 40	18 32	14 44	6 3
S 26	4 6	9 52	1 27	7 0	2 30	18 17	1 14	19 27	1 14	6 39	1 4	6 35	2 15	23 41	0 14	13 31	0 44	22 52	0 29	14 11	14 39	18 31	14 43	6 4
M27	4 29	13 27	0 16	6 23	2 30	18 40	1 17	19 16	1 15	6 44	1 4	6 38	2 15	23 41	0 14	13 31	0 44	22 52	0 29	14 11	14 38	18 30	14 43	6 4
T 28	4 52	16 19	0n54	5 43	2 29	19 3	1 20	19 5	1 16	6 50	1 4	6 41	2 15	23 41	0 14	13 30	0 44	22 52	0 29	14 11	14 37	18 29	14 42	6 5
W29	5 15	18 19	1 59	5 3	2 27	19 25	1 23	18 54	1 17	6 55	1 3	6 44	2 15	23 41	0 14	13 30	0 44	22 52	0 29	14 11	14 36	18 28	14 41	6 5
T 30	5 37	19 26	2 58	4 21	2 25	19 46	1 26	18 43	1 18	7 0	1 3	6 47	2 15	23 41	0 14	13 29	0 44	22 52	0 29	14 12	14 35	18 27	14 40	6 5
F 31	6n 0	19s38	3n49	3s38	2s23	20n 7	1n30	18s31	1s19	7n 6	1s 3	6n50	2s15	23n42	0n14	13s29	0s44	22s52	0n29	14s12	14s34	18s26	14s39	6n 6

Julian Day Number = 2096228.5, Delta T = 22m17s
Ecliptic obliquity = 23°33'49, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'49, Lahiri = 10°17'50 Julian Calendar 1 March 1027 == Greg. Calendar 7 March 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

APRIL 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 57 10	16♈ 8'34	6♉12	28♓ 5	24♉24	12♒50	20♈49	22♈57	24♊39	26♒25	7♉22	7♏53	8♏57	12♉15	28♉13	S 1
S 2	13 1 7	17° 7'02	18° 4	29°50	25°34	13°34	21° 3	23° 4	24°40	26°26	7°22	7°R53	8°54	12°21	28°15	S 2
M 3	13 5 3	18° 5'29	29°59	1♈37	26°44	14°19	21°18	23°12	24°42	26°28	7°R22	7°52	8°50	12°28	28°17	M 3
T 4	13 9 0	19° 3'53	12♒ 1	3°25	27°54	15° 3	21°32	23°20	24°44	26°29	7°22	7°51	8°47	12°35	28°19	T 4
W 5	13 12 56	20° 2'16	24°14	5°15	29° 3	15°48	21°46	23°28	24°46	26°31	7°22	7°49	8°44	12°42	28°20	W 5
T 6	13 16 53	21° 0'38	6♓42	7° 7	0♊13	16°32	22° 1	23°35	24°48	26°32	7°22	7°46	8°41	12°48	28°22	T 6
F 7	13 20 49	21°58'57	19°28	9° 1	1°22	17°17	22°15	23°43	24°50	26°34	7°22	7°44	8°38	12°55	28°23	F 7
S 8	13 24 46	22°57'15	2♈32	10°56	2°31	18° 1	22°29	23°51	24°52	26°35	7°22	7°42	8°35	13° 2	28°25	S 8
S 9	13 28 43	23°55'32	15°56	12°53	3°41	18°46	22°44	23°58	24°54	26°37	7°22	7°41	8°31	13° 8	28°26	S 9
M10	13 32 39	24°53'46	29°37	14°51	4°50	19°30	22°58	24° 6	24°56	26°38	7°22	7°40	8°28	13°15	28°28	M10
T 11	13 36 36	25°51'59	13♉33	16°51	5°58	20°15	23°12	24°14	24°59	26°40	7°21	7°D40	8°25	13°22	28°29	T 11
W12	13 40 32	26°50'10	27°40	18°53	7° 7	20°59	23°27	24°22	25° 1	26°41	7°21	7°40	8°22	13°29	28°30	W12
T 13	13 44 29	27°48'19	11♊56	20°56	8°16	21°44	23°41	24°29	25° 3	26°42	7°21	7°41	8°19	13°35	28°31	T 13
F 14	13 48 25	28°46'26	26°15	23° 1	9°24	22°28	23°55	24°37	25° 6	26°44	7°21	7°42	8°15	13°42	28°32	F 14
S 15	13 52 22	29°44'31	10♋35	25° 7	10°33	23°12	24°10	24°45	25° 8	26°45	7°20	7°42	8°12	13°49	28°33	S 15
S 16	13 56 18	0♉42'34	24°51	27°14	11°41	23°57	24°24	24°52	25°10	26°46	7°20	7°R43	8° 9	13°55	28°34	S 16
M17	14 0 15	1°40'35	9♌ 2	29°22	12°49	24°41	24°38	25° 0	25°13	26°47	7°20	7°43	8° 6	14° 2	28°35	M17
T 18	14 4 12	2°38'34	23° 5	1♉31	13°57	25°25	24°52	25° 8	25°15	26°49	7°19	7°43	8° 3	14° 9	28°36	T 18
W19	14 8 8	3°36'31	6♍58	3°41	15° 5	26°10	25° 7	25°15	25°18	26°50	7°19	7°42	8° 0	14°15	28°37	W19
T 20	14 12 5	4°34'27	20°39	5°51	16°12	26°54	25°21	25°23	25°20	26°51	7°18	7°42	7°56	14°22	28°37	T 20
F 21	14 16 1	5°32'20	4♎ 8	8° 2	17°20	27°38	25°35	25°31	25°23	26°52	7°18	7°41	7°53	14°29	28°38	F 21
S 22	14 19 58	6°30'12	17°24	10°12	18°27	28°22	25°49	25°38	25°25	26°53	7°17	7°41	7°50	14°36	28°38	S 22
S 23	14 23 54	7°28'02	0♏25	12°23	19°34	29° 7	26° 4	25°46	25°28	26°54	7°17	7°41	7°47	14°42	28°39	S 23
M24	14 27 51	8°25'50	13°12	14°32	20°41	29°51	26°18	25°54	25°31	26°55	7°16	7°41	7°44	14°49	28°39	M24
T 25	14 31 47	9°23'38	25°45	16°41	21°48	0♓35	26°32	26° 1	25°34	26°56	7°16	7°41	7°40	14°56	28°39	T 25
W26	14 35 44	10°21'23	8♐ 6	18°49	22°54	1°19	26°46	26° 9	25°36	26°57	7°15	7°41	7°37	15° 2	28°40	W26
T 27	14 39 41	11°19'08	20°15	20°55	24° 1	2° 3	27° 0	26°16	25°39	26°58	7°14	7°41	7°34	15° 9	28°40	T 27
F 28	14 43 37	12°16'51	2♑15	22°59	25° 7	2°47	27°14	26°24	25°42	26°59	7°14	7°40	7°31	15°16	28°40	F 28
S 29	14 47 34	13°14'33	14° 9	25° 2	26°13	3°31	27°28	26°31	25°45	27° 0	7°13	7°39	7°28	15°23	28°R40	S 29
S 30	14 51 30	14♉12'14	26♑ 2	27♉ 3	27♊19	4♓15	27♈42	26♈39	25♊48	27♒ 1	7♑12	7♏39	7♏25	15♑29	28♑40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n23	18s57	4n28	2s54	2s20	20n28	1n33	18s19	1s20	7n11	1s 3	6n53	2s15	23n42	0n14	13s28	0s44	22s53	0n29	14s12	14s33	18s25	14s38	6n 6
S 2	6 45	17 26	4 57	2 9	2 17	20 48	1 36	18 7	1 21	7 17	1 3	6 56	2 15	23 42	0 14	13 28	0 44	22 53	0 29	14 13	14 32	18 24	14 38	6 7
M 3	7 8	15 10	5 12	1 23	2 12	21 7	1 39	17 55	1 22	7 22	1 3	6 58	2 15	23 42	0 14	13 27	0 44	22 53	0 29	14 12	14 31	18 23	14 37	6 7
T 4	7 30	12 15	5 14	0 35	2 8	21 26	1 41	17 43	1 23	7 28	1 3	7 1	2 15	23 42	0 14	13 27	0 44	22 53	0 29	14 12	14 30	18 22	14 36	6 8
W 5	7 52	8 45	5 2	0n13	2 3	21 45	1 44	17 31	1 24	7 33	1 3	7 4	2 15	23 42	0 14	13 26	0 44	22 53	0 29	14 11	14 29	18 21	14 35	6 8
T 6	8 14	4 49	4 36	1 3	1 57	22 3	1 47	17 18	1 25	7 39	1 3	7 7	2 15	23 42	0 14	13 26	0 44	22 53	0 29	14 10	14 28	18 20	14 35	6 8
F 7	8 36	0 35	3 56	1 53	1 51	22 20	1 50	17 6	1 25	7 44	1 3	7 10	2 15	23 42	0 14	13 25	0 44	22 53	0 28	14 10	14 27	18 19	14 34	6 9
S 8	8 58	3n48	3 2	2 45	1 45	22 37	1 53	16 53	1 26	7 49	1 3	7 13	2 15	23 42	0 14	13 25	0 44	22 53	0 28	14 9	14 26	18 18	14 33	6 9
S 9	9 20	8 6	1 57	3 37	1 38	22 53	1 55	16 40	1 27	7 55	1 3	7 16	2 15	23 42	0 14	13 24	0 44	22 53	0 28	14 9	14 25	18 17	14 32	6 10
M10	9 41	12 5	0 44	4 30	1 30	23 9	1 58	16 27	1 28	8 0	1 3	7 19	2 15	23 42	0 14	13 24	0 44	22 53	0 28	14 8	14 24	18 16	14 32	6 10
T 11	10 3	15 28	0s33	5 24	1 22	23 24	2 1	16 13	1 29	8 5	1 3	7 21	2 15	23 42	0 14	13 23	0 44	22 53	0 28	14 8	14 23	18 15	14 31	6 11
W12	10 24	17 59	1 49	6 18	1 14	23 38	2 3	16 0	1 30	8 11	1 3	7 24	2 15	23 42	0 14	13 23	0 45	22 54	0 28	14 8	14 22	18 14	14 30	6 11
T 13	10 45	19 23	2 59	7 13	1 5	23 52	2 6	15 46	1 31	8 16	1 3	7 27	2 15	23 43	0 14	13 22	0 45	22 54	0 28	14 9	14 21	18 13	14 30	6 12
F 14	11 6	19 33	3 58	8 8	0 55	24 5	2 8	15 33	1 32	8 21	1 3	7 30	2 15	23 43	0 14	13 22	0 45	22 54	0 28	14 9	14 20	18 12	14 29	6 12
S 15	11 26	18 27	4 42	9 3	0 46	24 18	2 10	15 19	1 33	8 27	1 3	7 33	2 15	23 43	0 14	13 22	0 45	22 54	0 28	14 9	14 19	18 11	14 28	6 13
S 16	11 47	16 12	5 9	9 59	0 36	24 30	2 13	15 5	1 34	8 32	1 3	7 36	2 15	23 43	0 14	13 21	0 45	22 54	0 28	14 9	14 18	18 10	14 28	6 13
M17	12 7	13 0	5 17	10 54	0 26	24 41	2 15	14 51	1 35	8 37	1 3	7 38	2 15	23 43	0 14	13 21	0 45	22 54	0 28	14 9	14 17	18 9	14 27	6 13
T 18	12 27	9 5	5 6	11 49	0 16	24 52	2 17	14 37	1 36	8 43	1 3	7 41	2 15	23 43	0 14	13 20	0 45	22 54	0 28	14 9	14 16	18 8	14 27	6 14
W19	12 47	4 43	4 37	12 44	0 5	25 2	2 19	14 23	1 37	8 48	1 3	7 44	2 15	23 43	0 14	13 20	0 45	22 54	0 27	14 9	14 15	18 7	14 26	6 14
T 20	13 7	0 10	3 52	13 38	0n 6	25 11	2 21	14 8	1 37	8 53	1 3	7 47	2 15	23 43	0 14	13 20	0 45	22 54	0 27	14 9	14 14	18 6	14 25	6 15
F 21	13 26	4s20	2 56	14 31	0 16	25 20	2 23	13 54	1 38	8 58	1 3	7 49	2 15	23 43	0 14	13 19	0 45	22 54	0 27	14 9	14 13	18 4	14 25	6 15
S 22	13 45	8 34	1 50	15 23	0 27	25 28	2 25	13 39	1 39	9 3	1 3	7 52	2 15	23 43	0 14	13 19	0 45	22 55	0 27	14 9	14 12	18 3	14 24	6 16
S 23	14 4	12 18	0 40	16 13	0 37	25 35	2 27	13 24	1 40	9 9	1 3	7 55	2 15	23 43	0 14	13 19	0 45	22 55	0 27	14 9	14 11	18 2	14 24	6 16
M24	14 23	15 24	0n31	17 2	0 47	25 42	2 28	13 10	1 41	9 14	1 3	7 58	2 15	23 44	0 14	13 18	0 45	22 55	0 27	14 9	14 10	18 1	14 23	6 17
T 25	14 42	17 42	1 39	17 49	0 57	25 48	2 30	12 55	1 42	9 19	1 3	8 0	2 15	23 44	0 14	13 18	0 45	22 55	0 27	14 9	14 9	18 0	14 23	6 17
W26	15 0	19 8	2 41	18 35	1 7	25 53	2 31	12 40	1 43	9 24	1 2	8 3	2 15	23 44	0 14	13 18	0 45	22 55	0 27	14 9	14 7	17 59	14 22	6 18
T 27	15 18	19 38	3 35	19 18	1 16	25 58	2 33	12 25	1 44	9 29	1 2	8 6	2 15	23 44	0 14	13 18	0 45	22 55	0 27	14 9	14 6	17 58	14 22	6 18
F 28	15 36	19 14	4 18	19 59	1 25	26 2	2 34	12 9	1 45	9 34	1 2	8 9	2 15	23 44	0 14	13 17	0 45	22 55	0 27	14 8	14 5	17 57	14 21	6 19
S 29	15 54	17 59	4 51	20 37	1 33	26 6	2 35	11 54	1 45	9 39	1 2	8 11	2 15	23 44	0 14	13 17	0 45	22 55	0 27	14 8	14 4	17 56	14 21	6 19
S 30	16n11	15s58	5n10	21n14	1n40	26n 8	2n36	11s39	1s46	9n44	1s 2	8n14	2s15	23n44	0n14	13s17	0s45	22s56	0n27	14s 8	14s 3	17s55	14s20	6n19

Julian Day Number = 2096259.5, Delta T = 22m17s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'53, Lahiri = 10°17'54 Julian Calendar 1 Apr. 1027 == Greg. Calendar 7 Apr. 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

MAY 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 55 27	15♉ 9'54	7♒57	29♉ 1	28♊25	4♓59	27♈56	26♈46	25♊51	27♒ 1	7°R11	7°R39	7♏21	15♂36	28°R40	M 1
T 2	14 59 23	16° 7'32	19°58	0♊57	29°30	5°43	28°10	26°54	25°54	27° 2	7♂11	7°D38	7°18	15°43	28♂40	T 2
W 3	15 3 20	17° 5'10	2♓11	2°50	0♋35	6°27	28°24	27° 1	25°57	27° 3	7°10	7♏39	7°15	15°49	28°39	W 3
T 4	15 7 16	18° 2'46	14°39	4°40	1°40	7°11	28°38	27° 9	26° 0	27° 4	7° 9	7°40	7°12	15°56	28°39	T 4
F 5	15 11 13	19° 0'22	27°26	6°28	2°45	7°55	28°52	27°16	26° 3	27° 4	7° 8	7°40	7° 9	16° 3	28°39	F 5
S 6	15 15 10	19°57'56	10♈35	8°13	3°50	8°38	29° 6	27°23	26° 6	27° 5	7° 7	7°41	7° 6	16°10	28°38	S 6
S 7	15 19 6	20°55'30	24° 8	9°55	4°54	9°22	29°20	27°31	26° 9	27° 5	7° 6	7°42	7° 2	16°16	28°38	S 7
M 8	15 23 3	21°53'02	8♉ 4	11°34	5°58	10° 6	29°33	27°38	26°12	27° 6	7° 6	7°R43	6°59	16°23	28°37	M 8
T 9	15 26 59	22°50'34	22°21	13°10	7° 2	10°49	29°47	27°45	26°15	27° 7	7° 5	7°42	6°56	16°30	28°36	T 9
W10	15 30 56	23°48'04	6♊54	14°43	8° 6	11°33	0♉ 1	27°52	26°18	27° 7	7° 4	7°41	6°53	16°36	28°36	W10
T 11	15 34 52	24°45'34	21°37	16°13	9° 9	12°17	0°14	28° 0	26°21	27° 8	7° 3	7°39	6°50	16°43	28°35	T 11
F 12	15 38 49	25°43'02	6♋23	17°40	10°12	13° 0	0°28	28° 7	26°25	27° 8	7° 2	7°37	6°46	16°50	28°34	F 12
S 13	15 42 45	26°40'29	21° 4	19° 4	11°15	13°43	0°42	28°14	26°28	27° 8	7° 1	7°35	6°43	16°57	28°33	S 13
S 14	15 46 42	27°37'55	5♌35	20°25	12°18	14°27	0°55	28°21	26°31	27° 9	7° 0	7°33	6°40	17° 3	28°32	S 14
M15	15 50 39	28°35'19	19°52	21°42	13°20	15°10	1° 9	28°28	26°34	27° 9	6°59	7°32	6°37	17°10	28°31	M15
T 16	15 54 35	29°32'42	3♍51	22°57	14°22	15°53	1°22	28°35	26°38	27°10	6°57	7°D32	6°34	17°17	28°30	T 16
W17	15 58 32	0♊30'04	17°33	24° 7	15°24	16°36	1°35	28°42	26°41	27°10	6°56	7°32	6°31	17°23	28°29	W17
T 18	16 2 28	1°27'24	0♎57	25°15	16°25	17°20	1°49	28°49	26°44	27°10	6°55	7°34	6°27	17°30	28°27	T 18
F 19	16 6 25	2°24'44	14° 5	26°19	17°26	18° 3	2° 2	28°56	26°48	27°10	6°54	7°35	6°24	17°37	28°26	F 19
S 20	16 10 21	3°22'02	26°58	27°20	18°27	18°46	2°15	29° 3	26°51	27°10	6°53	7°36	6°21	17°44	28°25	S 20
S 21	16 14 18	4°19'20	9♏38	28°17	19°27	19°29	2°29	29°10	26°54	27°11	6°52	7°R37	6°18	17°50	28°23	S 21
M22	16 18 14	5°16'37	22° 7	29°10	20°27	20°11	2°42	29°16	26°58	27°11	6°51	7°36	6°15	17°57	28°22	M22
T 23	16 22 11	6°13'53	4♐26	29°59	21°27	20°54	2°55	29°23	27° 1	27°11	6°49	7°34	6°12	18° 4	28°20	T 23
W24	16 26 8	7°11'08	16°35	0♋46	22°26	21°37	3° 8	29°30	27° 5	27°11	6°48	7°30	6° 8	18°10	28°19	W24
T 25	16 30 4	8° 8'23	28°38	1°28	23°25	22°20	3°21	29°36	27° 8	27°R11	6°47	7°25	6° 5	18°17	28°17	T 25
F 26	16 34 1	9° 5'37	10♑34	2° 5	24°23	23° 2	3°34	29°43	27°12	27°11	6°46	7°20	6° 2	18°24	28°15	F 26
S 27	16 37 57	10° 2'51	22°27	2°39	25°21	23°45	3°46	29°50	27°15	27°11	6°44	7°15	5°59	18°31	28°14	S 27
S 28	16 41 54	11° 0'04	4♒20	3° 9	26°19	24°27	3°59	29°56	27°19	27°11	6°43	7° 9	5°56	18°37	28°12	S 28
M29	16 45 50	11°57'17	16°14	3°34	27°16	25° 9	4°12	0♉ 2	27°22	27°11	6°42	7° 5	5°52	18°44	28°10	M29
T 30	16 49 47	12°54'30	28°14	3°55	28°13	25°52	4°25	0° 9	27°26	27°11	6°41	7° 3	5°49	18°51	28° 8	T 30
W31	16 53 43	13♊51'43	10♓24	4♋11	29♋ 9	26♓34	4♉37	0♉15	27♊29	27♒10	6♑39	7°D 2	5♏46	18♑57	28♑ 6	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n28	13s16	5n17	21n47	1n47	26n10	2n37	11s23	1s47	9n49	1s 2	8n17	2s15	23n44	0n14	13s16	0s45	22s56	0n26	14s 8	14s 2	17s54	14s20	6n20
T 2	16 45	10 0	5 10	22 18	1 54	26 12	2 38	11 8	1 48	9 54	1 2	8 19	2 15	23 44	0 14	13 16	0 45	22 56	0 26	14 8	14 1	17 53	14 20	6 20
W 3	17 1	6 16	4 48	22 47	1 59	26 13	2 39	10 52	1 49	9 59	1 2	8 22	2 15	23 44	0 14	13 16	0 45	22 56	0 26	14 8	14 0	17 52	14 19	6 21
T 4	17 18	2 11	4 13	23 13	2 4	26 13	2 40	10 37	1 50	10 4	1 2	8 24	2 15	23 44	0 14	13 16	0 45	22 56	0 26	14 8	13 59	17 51	14 19	6 21
F 5	17 34	2n 6	3 25	23 36	2 8	26 12	2 40	10 21	1 50	10 9	1 3	8 27	2 15	23 45	0 14	13 16	0 45	22 56	0 26	14 9	13 58	17 49	14 18	6 22
S 6	17 49	6 26	2 25	23 57	2 11	26 11	2 41	10 5	1 51	10 14	1 3	8 30	2 15	23 45	0 14	13 15	0 45	22 56	0 26	14 9	13 57	17 48	14 18	6 22
S 7	18 5	10 34	1 14	24 15	2 14	26 9	2 41	9 50	1 52	10 19	1 3	8 32	2 15	23 45	0 14	13 15	0 45	22 56	0 26	14 9	13 56	17 47	14 18	6 23
M 8	18 20	14 14	0s 2	24 31	2 15	26 7	2 41	9 34	1 53	10 24	1 3	8 35	2 15	23 45	0 14	13 15	0 45	22 57	0 26	14 9	13 55	17 46	14 17	6 23
T 9	18 35	17 10	1 20	24 45	2 16	26 3	2 41	9 18	1 54	10 29	1 3	8 37	2 16	23 45	0 14	13 15	0 45	22 57	0 26	14 9	13 54	17 45	14 17	6 23
W10	18 49	19 2	2 34	24 57	2 16	26 0	2 41	9 2	1 55	10 34	1 3	8 40	2 16	23 45	0 14	13 15	0 45	22 57	0 26	14 9	13 53	17 44	14 17	6 24
T 11	19 3	19 39	3 39	25 6	2 16	25 55	2 41	8 46	1 55	10 38	1 3	8 42	2 16	23 45	0 14	13 15	0 46	22 57	0 26	14 8	13 52	17 43	14 17	6 24
F 12	19 17	18 55	4 30	25 13	2 14	25 50	2 41	8 30	1 56	10 43	1 3	8 45	2 16	23 45	0 14	13 15	0 46	22 57	0 25	14 7	13 51	17 42	14 16	6 25
S 13	19 31	16 56	5 2	25 18	2 12	25 45	2 40	8 14	1 57	10 48	1 3	8 47	2 16	23 45	0 14	13 14	0 46	22 57	0 25	14 7	13 50	17 41	14 16	6 25
S 14	19 44	13 53	5 15	25 21	2 9	25 38	2 40	7 58	1 58	10 52	1 3	8 50	2 16	23 45	0 14	13 14	0 46	22 57	0 25	14 6	13 49	17 40	14 16	6 26
M15	19 57	10 4	5 8	25 23	2 5	25 32	2 39	7 42	1 58	10 57	1 3	8 52	2 16	23 45	0 14	13 14	0 46	22 58	0 25	14 6	13 48	17 38	14 16	6 26
T 16	20 9	5 45	4 43	25 23	2 0	25 24	2 38	7 25	1 59	11 2	1 3	8 54	2 16	23 46	0 14	13 14	0 46	22 58	0 25	14 6	13 47	17 37	14 15	6 26
W17	20 22	1 14	4 2	25 21	1 55	25 16	2 37	7 9	2 0	11 6	1 3	8 57	2 16	23 46	0 14	13 14	0 46	22 58	0 25	14 6	13 46	17 36	14 15	6 27
T 18	20 34	3s15	3 8	25 17	1 49	25 8	2 36	6 53	2 1	11 11	1 3	8 59	2 16	23 46	0 14	13 14	0 46	22 58	0 25	14 6	13 44	17 35	14 15	6 27
F 19	20 45	7 31	2 6	25 12	1 42	24 59	2 35	6 37	2 1	11 16	1 3	9 2	2 16	23 46	0 14	13 14	0 46	22 58	0 25	14 7	13 43	17 34	14 15	6 28
S 20	20 56	11 21	0 58	25 6	1 34	24 49	2 33	6 20	2 2	11 20	1 3	9 4	2 17	23 46	0 14	13 14	0 46	22 58	0 25	14 7	13 42	17 33	14 15	6 28
S 21	21 7	14 36	0n11	24 59	1 25	24 39	2 32	6 4	2 3	11 25	1 3	9 6	2 17	23 46	0 14	13 14	0 46	22 58	0 25	14 7	13 41	17 32	14 15	6 28
M22	21 18	17 7	1 19	24 50	1 16	24 28	2 30	5 48	2 4	11 29	1 3	9 8	2 17	23 46	0 14	13 14	0 46	22 59	0 25	14 7	13 40	17 30	14 15	6 29
T 23	21 28	18 49	2 22	24 40	1 6	24 17	2 28	5 32	2 4	11 34	1 3	9 11	2 17	23 46	0 14	13 14	0 46	22 59	0 24	14 6	13 39	17 29	14 15	6 29
W24	21 37	19 37	3 17	24 29	0 55	24 5	2 26	5 15	2 5	11 38	1 3	9 13	2 17	23 46	0 14	13 14	0 46	22 59	0 24	14 5	13 38	17 28	14 14	6 30
T 25	21 47	19 30	4 3	24 17	0 44	23 53	2 24	4 59	2 6	11 42	1 3	9 15	2 17	23 46	0 14	13 14	0 46	22 59	0 24	14 4	13 37	17 27	14 14	6 30
F 26	21 56	18 31	4 38	24 5	0 32	23 40	2 22	4 43	2 6	11 47	1 3	9 17	2 17	23 46	0 14	13 14	0 46	22 59	0 24	14 2	13 36	17 26	14 14	6 30
S 27	22 4	16 44	5 1	23 51	0 19	23 27	2 19	4 26	2 7	11 51	1 3	9 20	2 17	23 46	0 14	13 14	0 46	22 59	0 24	14 0	13 35	17 25	14 14	6 31
S 28	22 13	14 14	5 11	23 37	0 6	23 14	2 16	4 10	2 8	11 55	1 3	9 22	2 18	23 47	0 14	13 14	0 46	22 59	0 24	13 58	13 34	17 24	14 14	6 31
M29	22 20	11 10	5 7	23 23	0s 8	23 0	2 14	3 54	2 8	12 0	1 3	9 24	2 18	23 47	0 14	13 14	0 46	23 0	0 24	13 57	13 33	17 22	14 14	6 32
T 30	22 28	7 36	4 50	23 8	0 23	22 45	2 10	3 38	2 9	12 4	1 3	9 26	2 18	23 47	0 14	13 14	0 46	23 0	0 24	13 56	13 32	17 21	14 14	6 32
W31	22n35	3s41	4n20	22n52	0s38	22n30	2n 7	3s21	2s10	12n 8	1s 3	9n28	2s18	23n47	0n14	13s14	0s46	23s 0	0n24	13s56	13s31	17s20	14s14	6n32

Julian Day Number = 2096289.5, Delta T = 22m16s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°10'58, Lahiri = 10°17'58 Julian Calendar 1 May 1027 == Greg. Calendar 7 May 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

JUNE 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 57 40	14♊48'55	22♓49	4♋23	0♌ 5	27♓16	4♉50	0♉21	27♊33	27°R10	6°R38	7♏ 2	5♏43	19♑ 4	28°R 4	T 1
F 2	17 1 37	15°46'07	5♈34	4°30	1° 0	27°58	5° 2	0°28	27°36	27♒10	6♑37	7° 3	5°40	19°11	28♑ 2	F 2
S 3	17 5 33	16°43'19	18°41	4°R33	1°55	28°40	5°15	0°34	27°40	27°10	6°35	7° 4	5°37	19°18	27°59	S 3
S 4	17 9 30	17°40'31	2♉14	4°31	2°49	29°22	5°27	0°40	27°43	27° 9	6°34	7°R 5	5°33	19°24	27°57	S 4
M 5	17 13 26	18°37'43	16°15	4°25	3°43	0♈ 3	5°39	0°46	27°47	27° 9	6°32	7° 5	5°30	19°31	27°55	M 5
T 6	17 17 23	19°34'55	0♊41	4°14	4°36	0°45	5°51	0°52	27°51	27° 9	6°31	7° 3	5°27	19°38	27°53	T 6
W 7	17 21 19	20°32'07	15°29	3°59	5°29	1°27	6° 4	0°58	27°54	27° 8	6°30	6°59	5°24	19°45	27°50	W 7
T 8	17 25 16	21°29'19	0♋32	3°40	6°20	2° 8	6°16	1° 4	27°58	27° 8	6°28	6°54	5°21	19°51	27°48	T 8
F 9	17 29 12	22°26'30	15°40	3°17	7°12	2°49	6°28	1°10	28° 1	27° 8	6°27	6°47	5°18	19°58	27°45	F 9
S 10	17 33 9	23°23'41	0♌44	2°51	8° 2	3°31	6°39	1°15	28° 5	27° 7	6°25	6°41	5°14	20° 5	27°43	S 10
S 11	17 37 6	24°20'52	15°33	2°21	8°52	4°12	6°51	1°21	28° 9	27° 7	6°24	6°35	5°11	20°11	27°40	S 11
M12	17 41 2	25°18'03	0♍ 2	1°49	9°42	4°53	7° 3	1°27	28°12	27° 6	6°23	6°30	5° 8	20°18	27°38	M12
T 13	17 44 59	26°15'13	14° 8	1°15	10°30	5°33	7°15	1°32	28°16	27° 5	6°21	6°28	5° 5	20°25	27°35	T 13
W14	17 48 55	27°12'22	27°48	0°39	11°18	6°14	7°26	1°38	28°19	27° 5	6°20	6°D27	5° 2	20°32	27°32	W14
T 15	17 52 52	28° 9'32	11♎ 5	0° 2	12° 5	6°55	7°38	1°43	28°23	27° 4	6°18	6°28	4°58	20°38	27°30	T 15
F 16	17 56 48	29° 6'41	24° 2	29♊25	12°51	7°35	7°49	1°48	28°27	27° 3	6°17	6°29	4°55	20°45	27°27	F 16
S 17	18 0 45	0♋ 3'50	6♏41	28°48	13°36	8°16	8° 0	1°54	28°30	27° 3	6°15	6°R29	4°52	20°52	27°24	S 17
S 18	18 4 41	1° 0'59	19° 6	28°12	14°21	8°56	8°11	1°59	28°34	27° 2	6°14	6°29	4°49	20°58	27°21	S 18
M19	18 8 38	1°58'08	1♐21	27°37	15° 4	9°36	8°22	2° 4	28°38	27° 1	6°12	6°26	4°46	21° 5	27°18	M19
T 20	18 12 35	2°55'18	13°27	27° 5	15°46	10°16	8°33	2° 9	28°41	27° 1	6°11	6°20	4°43	21°12	27°15	T 20
W21	18 16 31	3°52'27	25°27	26°35	16°28	10°56	8°44	2°14	28°45	27° 0	6°10	6°13	4°39	21°19	27°13	W21
T 22	18 20 28	4°49'36	7♑24	26° 9	17° 8	11°36	8°55	2°19	28°48	26°59	6° 8	6° 3	4°36	21°25	27°10	T 22
F 23	18 24 24	5°46'46	19°17	25°46	17°48	12°15	9° 6	2°24	28°52	26°58	6° 7	5°52	4°33	21°32	27° 7	F 23
S 24	18 28 21	6°43'56	1♒ 9	25°27	18°26	12°55	9°17	2°29	28°56	26°57	6° 5	5°41	4°30	21°39	27° 4	S 24
S 25	18 32 17	7°41'07	13° 2	25°13	19° 3	13°34	9°27	2°33	28°59	26°56	6° 4	5°30	4°27	21°45	27° 0	S 25
M26	18 36 14	8°38'18	24°58	25° 4	19°39	14°13	9°37	2°38	29° 3	26°55	6° 2	5°21	4°24	21°52	26°57	M26
T 27	18 40 10	9°35'30	6♓59	25°D 0	20°13	14°52	9°48	2°42	29° 6	26°54	6° 1	5°14	4°20	21°59	26°54	T 27
W28	18 44 7	10°32'42	19° 9	25° 1	20°47	15°31	9°58	2°47	29°10	26°53	5°59	5°10	4°17	22° 6	26°51	W28
T 29	18 48 4	11°29'55	1♈32	25° 8	21°19	16°10	10° 8	2°51	29°14	26°52	5°58	5° 8	4°14	22°12	26°48	T 29
F 30	18 52 0	12♋27'09	14♈13	25♊20	21♌49	16♈48	10♉18	2♉56	29♊17	26♒51	5♑56	5°D 7	4♏11	22♑19	26♑45	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n42	0n28	3n37	22n36	0s53	22n15	2n 4	3s 5	2s10	12n12	1s 3	9n30	2s18	23n47	0n14	13s14	0s46	23s 0	0n24	13s56	13s30	17s19	14s15	6n33
F 2	22 48	4 43	2 43	22 20	1 9	22 0	2 0	2 49	2 11	12 16	1 3	9 32	2 18	23 47	0 14	13 15	0 46	23 0	0 24	13 56	13 29	17 18	14 15	6 33
S 3	22 54	8 52	1 38	22 4	1 25	21 44	1 57	2 33	2 12	12 20	1 4	9 34	2 18	23 47	0 14	13 15	0 46	23 0	0 23	13 57	13 28	17 17	14 15	6 33
S 4	22 59	12 43	0 26	21 48	1 41	21 27	1 53	2 16	2 12	12 24	1 4	9 36	2 19	23 47	0 14	13 15	0 46	23 1	0 23	13 57	13 27	17 15	14 15	6 34
M 5	23 4	16 0	0s49	21 32	1 57	21 11	1 48	2 0	2 13	12 28	1 4	9 38	2 19	23 47	0 14	13 15	0 46	23 1	0 23	13 57	13 25	17 14	14 15	6 34
T 6	23 9	18 22	2 4	21 16	2 14	20 54	1 44	1 44	2 13	12 32	1 4	9 40	2 19	23 47	0 14	13 15	0 46	23 1	0 23	13 56	13 24	17 13	14 15	6 34
W 7	23 13	19 35	3 13	21 0	2 30	20 36	1 40	1 28	2 14	12 36	1 4	9 42	2 19	23 47	0 14	13 15	0 46	23 1	0 23	13 55	13 23	17 12	14 15	6 35
T 8	23 17	19 25	4 9	20 45	2 46	20 19	1 35	1 12	2 14	12 40	1 4	9 44	2 19	23 47	0 14	13 15	0 47	23 1	0 23	13 53	13 22	17 11	14 15	6 35
F 9	23 21	17 53	4 47	20 30	3 1	20 1	1 30	0 56	2 15	12 44	1 4	9 46	2 19	23 47	0 14	13 16	0 47	23 1	0 23	13 51	13 21	17 10	14 16	6 35
S 10	23 24	15 7	5 6	20 16	3 16	19 43	1 25	0 40	2 16	12 48	1 4	9 48	2 19	23 47	0 14	13 16	0 47	23 2	0 23	13 49	13 20	17 8	14 16	6 35
S 11	23 26	11 25	5 4	20 3	3 30	19 25	1 19	0 24	2 16	12 52	1 4	9 49	2 20	23 47	0 14	13 16	0 47	23 2	0 23	13 47	13 19	17 7	14 16	6 36
M12	23 29	7 6	4 43	19 50	3 43	19 6	1 14	0 8	2 17	12 56	1 4	9 51	2 20	23 48	0 14	13 16	0 47	23 2	0 23	13 45	13 18	17 6	14 16	6 36
T 13	23 31	2 31	4 4	19 38	3 55	18 47	1 8	0n 7	2 17	12 59	1 4	9 53	2 20	23 48	0 15	13 17	0 47	23 2	0 23	13 45	13 17	17 5	14 16	6 36
W14	23 32	2s 4	3 13	19 27	4 7	18 28	1 2	0 23	2 18	13 3	1 4	9 55	2 20	23 48	0 15	13 17	0 47	23 2	0 22	13 44	13 16	17 4	14 17	6 37
T 15	23 33	6 26	2 12	19 17	4 16	18 9	0 56	0 39	2 18	13 7	1 4	9 56	2 20	23 48	0 15	13 17	0 47	23 2	0 22	13 45	13 15	17 2	14 17	6 37
F 16	23 34	10 24	1 7	19 9	4 25	17 50	0 50	0 54	2 19	13 10	1 5	9 58	2 20	23 48	0 15	13 17	0 47	23 3	0 22	13 45	13 14	17 1	14 17	6 37
S 17	23 34	13 48	0n 1	19 2	4 32	17 31	0 43	1 10	2 19	13 14	1 5	10 0	2 21	23 48	0 15	13 18	0 47	23 3	0 22	13 45	13 13	17 0	14 17	6 37
S 18	23 34	16 31	1 7	18 56	4 37	17 11	0 36	1 25	2 19	13 17	1 5	10 1	2 21	23 48	0 15	13 18	0 47	23 3	0 22	13 45	13 12	16 59	14 18	6 38
M19	23 33	18 26	2 9	18 51	4 41	16 52	0 29	1 41	2 20	13 21	1 5	10 3	2 21	23 48	0 15	13 18	0 47	23 3	0 22	13 44	13 11	16 58	14 18	6 38
T 20	23 32	19 29	3 4	18 49	4 43	16 32	0 22	1 56	2 20	13 24	1 5	10 4	2 21	23 48	0 15	13 18	0 47	23 3	0 22	13 42	13 9	16 56	14 18	6 38
W21	23 30	19 38	3 51	18 47	4 44	16 12	0 14	2 11	2 21	13 28	1 5	10 6	2 21	23 48	0 15	13 19	0 47	23 3	0 22	13 40	13 8	16 55	14 19	6 38
T 22	23 28	18 55	4 27	18 47	4 43	15 53	0 6	2 27	2 21	13 31	1 5	10 7	2 22	23 48	0 15	13 19	0 47	23 4	0 22	13 36	13 7	16 54	14 19	6 38
F 23	23 26	17 22	4 51	18 49	4 41	15 33	0s 2	2 42	2 22	13 34	1 5	10 9	2 22	23 48	0 15	13 19	0 47	23 4	0 22	13 33	13 6	16 53	14 19	6 39
S 24	23 23	15 5	5 2	18 53	4 37	15 13	0 10	2 57	2 22	13 38	1 5	10 10	2 22	23 48	0 15	13 20	0 47	23 4	0 21	13 29	13 5	16 51	14 20	6 39
S 25	23 20	12 11	5 1	18 57	4 31	14 54	0 19	3 12	2 22	13 41	1 5	10 12	2 22	23 48	0 15	13 20	0 47	23 4	0 21	13 25	13 4	16 50	14 20	6 39
M26	23 17	8 46	4 46	19 4	4 25	14 34	0 28	3 27	2 23	13 44	1 5	10 13	2 22	23 48	0 15	13 20	0 47	23 4	0 21	13 22	13 3	16 49	14 21	6 39
T 27	23 13	4 59	4 19	19 11	4 17	14 14	0 37	3 41	2 23	13 47	1 6	10 15	2 23	23 48	0 15	13 21	0 47	23 4	0 21	13 20	13 2	16 48	14 21	6 39
W28	23 9	0 57	3 39	19 20	4 8	13 55	0 46	3 56	2 23	13 50	1 6	10 16	2 23	23 48	0 15	13 21	0 47	23 5	0 21	13 19	13 1	16 46	14 21	6 39
T 29	23 4	3n12	2 49	19 30	3 58	13 36	0 56	4 11	2 24	13 54	1 6	10 17	2 23	23 48	0 15	13 21	0 47	23 5	0 21	13 18	13 0	16 45	14 22	6 40
F 30	22n59	7n18	1n49	19n42	3s47	13n16	1s 5	4n25	2s24	13n57	1s 6	10n18	2s23	23n48	0n15	13s22	0s47	23s 5	0n21	13s18	12s59	16s44	14s22	6n40

Julian Day Number = 2096320.5, Delta T = 22m16s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'02, Lahiri = 10°18'02 Julian Calendar 1 June 1027 == Greg. Calendar 7 June 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

JULY 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 55 57	13♋24'24	27♈15	25♊38	22♌19	17♈27	10♉28	3♉ 0	29♊21	26°R50	5°R55	5♏ 8	4♏ 8	22♑26	26°R42	S 1
S 2	18 59 53	14°21'39	10♉42	26° 2	22°46	18° 5	10°38	3° 4	29°24	26♒49	5♑53	5°R 8	4° 4	22°33	26♑38	S 2
M 3	19 3 50	15°18'56	24°38	26°31	23°12	18°43	10°47	3° 8	29°28	26°48	5°52	5° 6	4° 1	22°39	26°35	M 3
T 4	19 7 46	16°16'13	9♊ 2	27° 7	23°37	19°21	10°57	3°12	29°31	26°47	5°51	5° 3	3°58	22°46	26°32	T 4
W 5	19 11 43	17°13'32	23°51	27°48	24° 0	19°58	11° 6	3°16	29°35	26°46	5°49	4°57	3°55	22°53	26°29	W 5
T 6	19 15 39	18°10'51	9♋ 0	28°34	24°21	20°36	11°16	3°19	29°38	26°45	5°48	4°48	3°52	22°59	26°25	T 6
F 7	19 19 36	19° 8'11	24°18	29°27	24°40	21°13	11°25	3°23	29°42	26°43	5°46	4°38	3°49	23° 6	26°22	F 7
S 8	19 23 33	20° 5'31	9♌35	0♋24	24°58	21°50	11°34	3°27	29°45	26°42	5°45	4°28	3°45	23°13	26°19	S 8
S 9	19 27 29	21° 2'53	24°39	1°28	25°13	22°27	11°43	3°30	29°49	26°41	5°43	4°19	3°42	23°20	26°16	S 9
M10	19 31 26	22° 0'15	9♍21	2°36	25°27	23° 4	11°52	3°34	29°52	26°40	5°42	4°11	3°39	23°26	26°12	M10
T 11	19 35 22	22°57'37	23°36	3°50	25°38	23°40	12° 0	3°37	29°55	26°38	5°41	4° 6	3°36	23°33	26° 9	T 11
W12	19 39 19	23°55'00	7♎22	5° 9	25°48	24°17	12° 9	3°40	29°59	26°37	5°39	4° 4	3°33	23°40	26° 6	W12
T 13	19 43 15	24°52'24	20°41	6°33	25°55	24°53	12°17	3°43	0♋ 2	26°36	5°38	4°D 3	3°30	23°46	26° 2	T 13
F 14	19 47 12	25°49'48	3♏35	8° 1	26° 0	25°28	12°26	3°46	0° 6	26°34	5°36	4°R 3	3°26	23°53	25°59	F 14
S 15	19 51 8	26°47'14	16° 9	9°34	26° 3	26° 4	12°34	3°49	0° 9	26°33	5°35	4° 3	3°23	24° 0	25°56	S 15
S 16	19 55 5	27°44'40	28°27	11°11	26°R 4	26°39	12°42	3°52	0°12	26°32	5°34	4° 1	3°20	24° 7	25°52	S 16
M17	19 59 2	28°42'06	10♐33	12°52	26° 2	27°15	12°50	3°55	0°15	26°30	5°32	3°57	3°17	24°13	25°49	M17
T 18	20 2 58	29°39'34	22°32	14°37	25°58	27°50	12°57	3°57	0°19	26°29	5°31	3°50	3°14	24°20	25°46	T 18
W19	20 6 55	0♌37'03	4♑26	16°26	25°52	28°24	13° 5	4° 0	0°22	26°27	5°30	3°40	3°10	24°27	25°42	W19
T 20	20 10 51	1°34'32	16°19	18°17	25°43	28°59	13°12	4° 2	0°25	26°26	5°29	3°28	3° 7	24°34	25°39	T 20
F 21	20 14 48	2°32'03	28°12	20°11	25°31	29°33	13°20	4° 5	0°28	26°25	5°27	3°14	3° 4	24°40	25°36	F 21
S 22	20 18 44	3°29'35	10♒ 5	22° 7	25°18	0♉ 7	13°27	4° 7	0°32	26°23	5°26	3° 0	3° 1	24°47	25°33	S 22
S 23	20 22 41	4°27'08	22° 2	24° 5	25° 2	0°41	13°34	4° 9	0°35	26°22	5°25	2°47	2°58	24°54	25°29	S 23
M24	20 26 38	5°24'42	4♓ 3	26° 4	24°44	1°14	13°41	4°11	0°38	26°20	5°24	2°36	2°55	25° 0	25°26	M24
T 25	20 30 34	6°22'18	16°10	28° 5	24°23	1°47	13°47	4°13	0°41	26°19	5°22	2°27	2°51	25° 7	25°23	T 25
W26	20 34 31	7°19'55	28°25	0♌ 6	24° 0	2°20	13°54	4°15	0°44	26°17	5°21	2°20	2°48	25°14	25°20	W26
T 27	20 38 27	8°17'33	10♈52	2° 8	23°35	2°53	14° 0	4°17	0°47	26°15	5°20	2°17	2°45	25°21	25°16	T 27
F 28	20 42 24	9°15'14	23°33	4°10	23° 9	3°25	14° 6	4°18	0°50	26°14	5°19	2°16	2°42	25°27	25°13	F 28
S 29	20 46 20	10°12'56	6♉33	6°12	22°40	3°57	14°13	4°20	0°53	26°12	5°18	2°15	2°39	25°34	25°10	S 29
S 30	20 50 17	11°10'39	19°55	8°14	22°10	4°29	14°18	4°21	0°56	26°11	5°17	2°15	2°35	25°41	25° 7	S 30
M31	20 54 13	12♌ 8'25	3♊42	10♌15	21♌38	5♉ 0	14♉24	4♉23	0♋59	26♒ 9	5♑15	2♏14	2♏32	25♑47	25♑ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n53	11n12	0n42	19n54	3s36	12n57	1s15	4n40	2s24	14n 0	1s 6	10n20	2s23	23n48	0n15	13s22	0s47	23s 5	0n21	13s18	12s58	16s43	14s23	6n40
S 2	22 47	14 39	0s30	20 7	3 23	12 39	1 26	4 54	2 25	14 3	1 6	10 21	2 24	23 48	0 15	13 23	0 47	23 5	0 21	13 18	12 57	16 42	14 23	6 40
M 3	22 41	17 23	1 42	20 21	3 10	12 20	1 36	5 8	2 25	14 5	1 6	10 22	2 24	23 48	0 15	13 23	0 47	23 5	0 21	13 17	12 55	16 40	14 24	6 40
T 4	22 34	19 8	2 50	20 35	2 57	12 2	1 47	5 22	2 25	14 8	1 6	10 23	2 24	23 48	0 15	13 23	0 47	23 6	0 20	13 16	12 54	16 39	14 24	6 40
W 5	22 27	19 37	3 48	20 50	2 43	11 44	1 58	5 36	2 25	14 11	1 6	10 24	2 24	23 48	0 15	13 24	0 47	23 6	0 20	13 14	12 53	16 38	14 25	6 40
T 6	22 19	18 44	4 32	21 5	2 29	11 26	2 10	5 50	2 26	14 14	1 7	10 25	2 25	23 48	0 15	13 24	0 47	23 6	0 20	13 11	12 52	16 37	14 25	6 40
F 7	22 11	16 30	4 57	21 20	2 14	11 9	2 21	6 4	2 26	14 17	1 7	10 26	2 25	23 49	0 15	13 25	0 47	23 6	0 20	13 8	12 51	16 35	14 26	6 40
S 8	22 3	13 7	5 0	21 34	1 59	10 52	2 33	6 18	2 26	14 19	1 7	10 27	2 25	23 49	0 15	13 25	0 47	23 6	0 20	13 5	12 50	16 34	14 26	6 41
S 9	21 54	8 56	4 43	21 49	1 45	10 35	2 45	6 31	2 26	14 22	1 7	10 28	2 25	23 49	0 15	13 26	0 47	23 6	0 20	13 1	12 49	16 33	14 27	6 41
M10	21 45	4 17	4 7	22 2	1 30	10 19	2 57	6 45	2 26	14 25	1 7	10 29	2 25	23 49	0 15	13 26	0 48	23 7	0 20	12 59	12 48	16 31	14 27	6 41
T 11	21 36	0s27	3 17	22 15	1 15	10 4	3 10	6 58	2 26	14 27	1 7	10 30	2 26	23 49	0 15	13 27	0 48	23 7	0 20	12 57	12 47	16 30	14 28	6 41
W12	21 26	5 1	2 16	22 27	1 1	9 49	3 22	7 11	2 27	14 30	1 7	10 31	2 26	23 49	0 15	13 27	0 48	23 7	0 20	12 56	12 46	16 29	14 29	6 41
T 13	21 16	9 12	1 10	22 38	0 46	9 34	3 35	7 24	2 27	14 32	1 7	10 32	2 26	23 49	0 15	13 28	0 48	23 7	0 20	12 56	12 45	16 28	14 29	6 41
F 14	21 5	12 49	0 2	22 47	0 32	9 20	3 48	7 37	2 27	14 34	1 8	10 33	2 26	23 49	0 15	13 28	0 48	23 7	0 19	12 56	12 44	16 26	14 30	6 41
S 15	20 54	15 44	1n 4	22 54	0 19	9 7	4 1	7 50	2 27	14 37	1 8	10 33	2 27	23 49	0 15	13 29	0 48	23 7	0 19	12 56	12 42	16 25	14 30	6 41
S 16	20 43	17 53	2 5	23 0	0 6	8 54	4 15	8 3	2 27	14 39	1 8	10 34	2 27	23 49	0 15	13 29	0 48	23 7	0 19	12 55	12 41	16 24	14 31	6 41
M17	20 32	19 10	3 0	23 3	0n 7	8 42	4 28	8 15	2 27	14 41	1 8	10 35	2 27	23 49	0 15	13 30	0 48	23 8	0 19	12 54	12 40	16 23	14 32	6 41
T 18	20 20	19 35	3 46	23 4	0 19	8 31	4 41	8 28	2 27	14 44	1 8	10 36	2 27	23 49	0 15	13 30	0 48	23 8	0 19	12 51	12 39	16 21	14 32	6 41
W19	20 7	19 7	4 22	23 3	0 30	8 20	4 55	8 40	2 27	14 46	1 8	10 36	2 28	23 49	0 15	13 31	0 48	23 8	0 19	12 48	12 38	16 20	14 33	6 41
T 20	19 55	17 49	4 46	22 59	0 41	8 11	5 8	8 52	2 27	14 48	1 8	10 37	2 28	23 49	0 15	13 31	0 48	23 8	0 19	12 44	12 37	16 19	14 33	6 41
F 21	19 42	15 45	4 58	22 53	0 51	8 2	5 22	9 4	2 27	14 50	1 8	10 37	2 28	23 49	0 15	13 32	0 48	23 8	0 19	12 39	12 36	16 17	14 34	6 41
S 22	19 28	13 2	4 57	22 44	1 0	7 54	5 35	9 16	2 27	14 52	1 9	10 38	2 28	23 49	0 15	13 32	0 48	23 8	0 19	12 35	12 35	16 16	14 35	6 41
S 23	19 15	9 46	4 43	22 32	1 8	7 47	5 48	9 28	2 27	14 54	1 9	10 38	2 29	23 49	0 15	13 33	0 48	23 9	0 19	12 30	12 34	16 15	14 35	6 40
M24	19 1	6 6	4 16	22 17	1 16	7 40	6 1	9 40	2 27	14 56	1 9	10 39	2 29	23 49	0 15	13 33	0 48	23 9	0 18	12 26	12 33	16 14	14 36	6 40
T 25	18 47	2 9	3 38	22 0	1 23	7 35	6 14	9 51	2 27	14 58	1 9	10 39	2 29	23 49	0 15	13 34	0 48	23 9	0 18	12 23	12 32	16 12	14 37	6 40
W26	18 32	1n57	2 49	21 40	1 28	7 31	6 26	10 3	2 27	15 0	1 9	10 40	2 29	23 49	0 15	13 34	0 48	23 9	0 18	12 21	12 30	16 11	14 37	6 40
T 27	18 17	6 1	1 51	21 18	1 33	7 28	6 38	10 14	2 27	15 1	1 9	10 40	2 30	23 49	0 15	13 35	0 48	23 9	0 18	12 20	12 29	16 10	14 38	6 40
F 28	18 2	9 54	0 46	20 53	1 37	7 25	6 50	10 25	2 27	15 3	1 9	10 40	2 30	23 49	0 15	13 35	0 48	23 9	0 18	12 19	12 28	16 8	14 39	6 40
S 29	17 46	13 25	0s23	20 27	1 41	7 24	7 1	10 36	2 27	15 5	1 10	10 41	2 30	23 49	0 15	13 36	0 48	23 9	0 18	12 19	12 27	16 7	14 39	6 40
S 30	17 31	16 20	1 32	19 58	1 43	7 23	7 11	10 47	2 27	15 6	1 10	10 41	2 30	23 49	0 15	13 36	0 48	23 10	0 18	12 19	12 26	16 6	14 40	6 40
M31	17n15	18n25	2s38	19n27	1n45	7n24	7s21	10n57	2s26	15n 8	1s10	10n41	2s31	23n49	0n15	13s37	0s48	23s10	0n18	12s19	12s25	16s 4	14s41	6n40

Julian Day Number = 2096350.5, Delta T = 22m16s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'06, Lahiri = 10°18'06 Julian Calendar 1 July 1027 == Greg. Calendar 7 July 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

AUGUST 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 58 10	13♌ 6'12	17♊55	12♌16	21°R 4	5♉31	14♉30	4♉24	1♋ 2	26°R 8	5°R14	2°R11	2♏29	25♑54	25°R 1	T 1
W 2	21 2 6	14° 4'01	2♋34	14°15	20♌30	6° 2	14°35	4°25	1° 5	26♒ 6	5♑13	2♏ 5	2°26	26° 1	24♑58	W 2
T 3	21 6 3	15° 1'51	17°33	16°14	19°55	6°33	14°40	4°26	1° 8	26° 4	5°12	1°56	2°23	26° 8	24°55	T 3
F 4	21 10 0	15°59'44	2♌45	18°11	19°18	7° 3	14°46	4°27	1°11	26° 3	5°11	1°46	2°20	26°14	24°52	F 4
S 5	21 13 56	16°57'38	17°59	20° 8	18°42	7°32	14°50	4°28	1°13	26° 1	5°10	1°36	2°16	26°21	24°49	S 5
S 6	21 17 53	17°55'33	3♍ 5	22° 3	18° 5	8° 2	14°55	4°28	1°16	26° 0	5° 9	1°26	2°13	26°28	24°46	S 6
M 7	21 21 49	18°53'30	17°52	23°57	17°28	8°31	15° 0	4°29	1°19	25°58	5° 8	1°18	2°10	26°35	24°43	M 7
T 8	21 25 46	19°51'28	2♎14	25°50	16°51	9° 0	15° 4	4°29	1°22	25°56	5° 7	1°13	2° 7	26°41	24°40	T 8
W 9	21 29 42	20°49'28	16° 7	27°42	16°14	9°28	15° 8	4°30	1°24	25°55	5° 6	1°10	2° 4	26°48	24°37	W 9
T 10	21 33 39	21°47'29	29°31	29°32	15°38	9°56	15°12	4°30	1°27	25°53	5° 5	1°D 9	2° 1	26°55	24°34	T 10
F 11	21 37 35	22°45'31	12♏28	1♍21	15° 3	10°23	15°16	4°30	1°29	25°51	5° 5	1° 9	1°57	27° 1	24°32	F 11
S 12	21 41 32	23°43'35	25° 3	3° 9	14°29	10°50	15°20	4°R30	1°32	25°50	5° 4	1°R 9	1°54	27° 8	24°29	S 12
S 13	21 45 29	24°41'40	7♐21	4°56	13°57	11°17	15°23	4°30	1°35	25°48	5° 3	1° 8	1°51	27°15	24°26	S 13
M14	21 49 25	25°39'47	19°25	6°41	13°26	11°43	15°27	4°30	1°37	25°46	5° 2	1° 6	1°48	27°22	24°24	M14
T 15	21 53 22	26°37'56	1♑22	8°25	12°56	12° 9	15°30	4°30	1°39	25°45	5° 1	1° 1	1°45	27°28	24°21	T 15
W16	21 57 18	27°36'06	13°14	10° 8	12°28	12°35	15°33	4°29	1°42	25°43	5° 0	0°53	1°41	27°35	24°18	W16
T 17	22 1 15	28°34'17	25° 6	11°50	12° 2	13° 0	15°35	4°29	1°44	25°42	5° 0	0°43	1°38	27°42	24°16	T 17
F 18	22 5 11	29°32'31	7♒ 0	13°30	11°39	13°24	15°38	4°28	1°46	25°40	4°59	0°32	1°35	27°49	24°13	F 18
S 19	22 9 8	0♍30'45	18°58	15°10	11°17	13°48	15°40	4°27	1°49	25°38	4°58	0°21	1°32	27°55	24°11	S 19
S 20	22 13 4	1°29'02	1♓ 2	16°48	10°58	14°12	15°42	4°27	1°51	25°37	4°58	0°10	1°29	28° 2	24° 9	S 20
M21	22 17 1	2°27'21	13°12	18°25	10°41	14°35	15°44	4°26	1°53	25°35	4°57	0° 0	1°26	28° 9	24° 6	M21
T 22	22 20 58	3°25'41	25°31	20° 1	10°26	14°58	15°46	4°25	1°55	25°33	4°56	29♎53	1°22	28°15	24° 4	T 22
W23	22 24 54	4°24'03	7♈58	21°35	10°14	15°20	15°48	4°24	1°57	25°32	4°56	29°48	1°19	28°22	24° 2	W23
T 24	22 28 51	5°22'28	20°36	23° 9	10° 4	15°41	15°49	4°22	2° 0	25°30	4°55	29°46	1°16	28°29	24° 0	T 24
F 25	22 32 47	6°20'54	3♉27	24°41	9°56	16° 2	15°50	4°21	2° 2	25°28	4°55	29°D46	1°13	28°36	23°57	F 25
S 26	22 36 44	7°19'23	16°32	26°13	9°51	16°23	15°51	4°20	2° 4	25°27	4°54	29°47	1°10	28°42	23°55	S 26
S 27	22 40 40	8°17'54	29°55	27°43	9°49	16°43	15°52	4°18	2° 5	25°25	4°54	29°48	1° 7	28°49	23°53	S 27
M28	22 44 37	9°16'27	13♊38	29°12	9°D49	17° 2	15°52	4°16	2° 7	25°24	4°53	29°R48	1° 3	28°56	23°51	M28
T 29	22 48 33	10°15'03	27°41	0♎41	9°51	17°21	15°53	4°15	2° 9	25°22	4°53	29°46	1° 0	29° 2	23°50	T 29
W30	22 52 30	11°13'41	12♋ 4	2° 8	9°55	17°39	15°R53	4°13	2°11	25°21	4°53	29°43	0°57	29° 9	23°48	W30
T 31	22 56 27	12♍12'21	26♋44	3♎34	10♌ 2	17♉57	15♉53	4♉11	2♋13	25♒19	4♑52	29♎38	0♏54	29♑16	23♑46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n58	19n25	3s37	18n54	1n46	7n25	7s31	11n 8	2s26	15n 9	1s10	10n41	2s31	23n49	0n15	13s38	0s48	23s10	0n18	12s17	12s24	16s 3	14s41	6n39
W 2	16 42	19 10	4 23	18 20	1 46	7 28	7 40	11 18	2 26	15 11	1 10	10 41	2 31	23 49	0 15	13 38	0 48	23 10	0 18	12 15	12 23	16 2	14 42	6 39
T 3	16 25	17 35	4 52	17 44	1 46	7 31	7 48	11 28	2 26	15 12	1 10	10 41	2 31	23 49	0 15	13 39	0 48	23 10	0 17	12 12	12 22	16 0	14 43	6 39
F 4	16 7	14 45	5 1	17 7	1 45	7 35	7 55	11 39	2 26	15 14	1 11	10 41	2 32	23 49	0 15	13 39	0 48	23 10	0 17	12 9	12 21	15 59	14 43	6 39
S 5	15 50	10 56	4 49	16 29	1 44	7 40	8 1	11 48	2 25	15 15	1 11	10 41	2 32	23 49	0 15	13 40	0 48	23 10	0 17	12 5	12 20	15 58	14 44	6 39
S 6	15 32	6 26	4 17	15 50	1 42	7 46	8 7	11 58	2 25	15 16	1 11	10 41	2 32	23 49	0 15	13 40	0 48	23 11	0 17	12 2	12 18	15 56	14 45	6 39
M 7	15 14	1 38	3 28	15 10	1 39	7 52	8 11	12 8	2 25	15 17	1 11	10 41	2 32	23 49	0 15	13 41	0 48	23 11	0 17	11 59	12 17	15 55	14 45	6 38
T 8	14 56	3s 8	2 27	14 29	1 36	7 59	8 15	12 17	2 24	15 18	1 11	10 41	2 33	23 49	0 15	13 42	0 48	23 11	0 17	11 57	12 16	15 54	14 46	6 38
W 9	14 38	7 35	1 19	13 47	1 32	8 7	8 18	12 26	2 24	15 19	1 11	10 41	2 33	23 49	0 15	13 42	0 48	23 11	0 17	11 56	12 15	15 52	14 47	6 38
T 10	14 19	11 30	0 9	13 4	1 28	8 16	8 20	12 36	2 24	15 21	1 11	10 41	2 33	23 49	0 15	13 43	0 48	23 11	0 17	11 56	12 14	15 51	14 47	6 38
F 11	14 0	14 43	1n 0	12 21	1 24	8 25	8 21	12 45	2 23	15 21	1 12	10 41	2 33	23 49	0 15	13 43	0 48	23 11	0 17	11 56	12 13	15 50	14 48	6 38
S 12	13 41	17 8	2 4	11 38	1 19	8 34	8 21	12 53	2 23	15 22	1 12	10 41	2 34	23 49	0 15	13 44	0 48	23 11	0 17	11 56	12 12	15 48	14 49	6 37
S 13	13 21	18 41	3 0	10 54	1 14	8 44	8 21	13 2	2 23	15 23	1 12	10 40	2 34	23 49	0 15	13 44	0 48	23 12	0 16	11 56	12 11	15 47	14 49	6 37
M14	13 2	19 22	3 47	10 10	1 9	8 54	8 19	13 11	2 22	15 24	1 12	10 40	2 34	23 49	0 15	13 45	0 48	23 12	0 16	11 55	12 10	15 46	14 50	6 37
T 15	12 42	19 9	4 24	9 26	1 3	9 4	8 17	13 19	2 22	15 25	1 12	10 40	2 34	23 49	0 15	13 46	0 48	23 12	0 16	11 53	12 8	15 44	14 51	6 37
W16	12 22	18 6	4 49	8 42	0 58	9 14	8 14	13 27	2 21	15 26	1 12	10 39	2 35	23 49	0 15	13 46	0 48	23 12	0 16	11 50	12 7	15 43	14 52	6 36
T 17	12 2	16 16	5 2	7 57	0 51	9 25	8 10	13 35	2 21	15 26	1 13	10 39	2 35	23 49	0 15	13 47	0 48	23 12	0 16	11 47	12 6	15 42	14 52	6 36
F 18	11 42	13 45	5 1	7 13	0 45	9 36	8 6	13 43	2 20	15 27	1 13	10 39	2 35	23 49	0 15	13 47	0 48	23 12	0 16	11 43	12 5	15 40	14 53	6 36
S 19	11 21	10 39	4 48	6 28	0 38	9 46	8 0	13 51	2 20	15 27	1 13	10 38	2 35	23 49	0 15	13 48	0 48	23 12	0 16	11 39	12 4	15 39	14 54	6 36
S 20	11 0	7 6	4 21	5 43	0 32	9 57	7 55	13 58	2 19	15 28	1 13	10 38	2 35	23 49	0 16	13 48	0 48	23 12	0 16	11 35	12 3	15 38	14 54	6 35
M21	10 39	3 13	3 42	4 59	0 25	10 8	7 48	14 6	2 18	15 28	1 13	10 37	2 36	23 49	0 16	13 49	0 48	23 13	0 16	11 32	12 2	15 36	14 55	6 35
T 22	10 18	0n51	2 53	4 15	0 18	10 18	7 42	14 13	2 18	15 29	1 13	10 37	2 36	23 48	0 16	13 49	0 48	23 13	0 15	11 29	12 1	15 35	14 56	6 35
W23	9 57	4 55	1 54	3 31	0 10	10 28	7 34	14 20	2 17	15 29	1 13	10 36	2 36	23 48	0 16	13 50	0 48	23 13	0 15	11 28	12 0	15 34	14 56	6 34
T 24	9 35	8 51	0 49	2 47	0 3	10 38	7 27	14 27	2 16	15 29	1 14	10 35	2 36	23 48	0 16	13 51	0 48	23 13	0 15	11 27	11 59	15 32	14 57	6 34
F 25	9 14	12 25	0s20	2 3	0s 5	10 48	7 18	14 34	2 16	15 29	1 14	10 35	2 37	23 48	0 16	13 51	0 48	23 13	0 15	11 27	11 57	15 31	14 58	6 34
S 26	8 52	15 27	1 29	1 20	0 12	10 58	7 10	14 40	2 15	15 29	1 14	10 34	2 37	23 48	0 16	13 52	0 48	23 13	0 15	11 27	11 56	15 29	14 58	6 33
S 27	8 30	17 43	2 35	0 37	0 20	11 7	7 1	14 47	2 14	15 29	1 14	10 33	2 37	23 48	0 16	13 52	0 48	23 13	0 15	11 27	11 55	15 28	14 59	6 33
M28	8 8	19 1	3 34	0s 6	0 28	11 16	6 52	14 53	2 13	15 29	1 14	10 33	2 37	23 48	0 16	13 53	0 48	23 13	0 15	11 27	11 54	15 27	15 0	6 33
T 29	7 46	19 11	4 21	0 49	0 35	11 24	6 43	14 59	2 12	15 29	1 14	10 32	2 38	23 48	0 16	13 53	0 48	23 14	0 15	11 27	11 53	15 25	15 0	6 32
W30	7 23	18 8	4 53	1 31	0 43	11 32	6 33	15 5	2 12	15 29	1 15	10 31	2 38	23 48	0 16	13 54	0 48	23 14	0 15	11 26	11 52	15 24	15 1	6 32
T 31	7n 1	15n53	5s 7	2s12	0s51	11n39	6s24	15n11	2s11	15n29	1s15	10n30	2s38	23n48	0n16	13s54	0s48	23s14	0n15	11s24	11s51	15s23	15s 2	6n32

Julian Day Number = 2096381.5, Delta T = 22m15s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'10, Lahiri = 10°18'11 Julian Calendar 1 Aug. 1027 == Greg. Calendar 7 Aug. 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

SEPTEMBER 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 0 23	13♍11'04	11♌36	4♎58	10♌11	18♉14	15°R53	4°R 9	2♋14	25°R17	4°R52	29°R31	0♏51	29♑23	23°R44	F 1
S 2	23 4 20	14° 9'48	26°33	6°22	10°22	18°31	15♉52	4♉ 7	2°16	25♒16	4♑52	29♎24	0°47	29°29	23♑42	S 2
S 3	23 8 16	15° 8'35	11♍24	7°44	10°36	18°46	15°52	4° 4	2°18	25°14	4°51	29°17	0°44	29°36	23°41	S 3
M 4	23 12 13	16° 7'23	26° 2	9° 5	10°51	19° 1	15°51	4° 2	2°19	25°13	4°51	29°12	0°41	29°43	23°39	M 4
T 5	23 16 9	17° 6'14	10♎20	10°25	11° 8	19°16	15°50	4° 0	2°21	25°11	4°51	29° 9	0°38	29°50	23°38	T 5
W 6	23 20 6	18° 5'07	24°13	11°44	11°27	19°29	15°49	3°57	2°22	25°10	4°51	29°D 7	0°35	29°56	23°36	W 6
T 7	23 24 2	19° 4'01	7♏40	13° 1	11°48	19°42	15°47	3°54	2°24	25° 8	4°50	29° 7	0°32	0♒ 3	23°35	T 7
F 8	23 27 59	20° 2'57	20°42	14°17	12°11	19°55	15°45	3°52	2°25	25° 7	4°50	29° 9	0°28	0°10	23°34	F 8
S 9	23 31 55	21° 1'56	3♐21	15°31	12°36	20° 6	15°44	3°49	2°26	25° 5	4°50	29°10	0°25	0°16	23°33	S 9
S 10	23 35 52	22° 0'56	15°41	16°44	13° 2	20°17	15°42	3°46	2°28	25° 4	4°50	29°11	0°22	0°23	23°31	S 10
M11	23 39 49	22°59'58	27°47	17°55	13°30	20°27	15°39	3°43	2°29	25° 3	4°50	29°R11	0°19	0°30	23°30	M11
T 12	23 43 45	23°59'01	9♑45	19° 4	13°59	20°37	15°37	3°40	2°30	25° 1	4°D50	29°10	0°16	0°37	23°29	T 12
W13	23 47 42	24°58'07	21°38	20°11	14°30	20°45	15°34	3°37	2°31	25° 0	4°50	29° 7	0°12	0°43	23°28	W13
T 14	23 51 38	25°57'14	3♒30	21°16	15° 3	20°53	15°31	3°33	2°32	24°58	4°50	29° 3	0° 9	0°50	23°27	T 14
F 15	23 55 35	26°56'23	15°27	22°19	15°36	21° 0	15°28	3°30	2°33	24°57	4°50	28°58	0° 6	0°57	23°27	F 15
S 16	23 59 31	27°55'34	27°30	23°19	16°12	21° 6	15°25	3°27	2°34	24°56	4°50	28°52	0° 3	1° 3	23°26	S 16
S 17	0 3 28	28°54'47	9♓41	24°17	16°48	21°12	15°22	3°23	2°35	24°54	4°50	28°47	29♎59	1°10	23°25	S 17
M18	0 7 24	29°54'02	22° 3	25°12	17°26	21°17	15°18	3°20	2°36	24°53	4°51	28°42	29°57	1°17	23°24	M18
T 19	0 11 21	0♎53'19	4♈37	26° 4	18° 5	21°20	15°14	3°16	2°37	24°52	4°51	28°39	29°53	1°24	23°24	T 19
W20	0 15 18	1°52'38	17°23	26°52	18°45	21°23	15°10	3°12	2°38	24°51	4°51	28°37	29°50	1°30	23°23	W20
T 21	0 19 14	2°52'00	0♉20	27°37	19°27	21°25	15° 6	3° 8	2°38	24°49	4°51	28°D36	29°47	1°37	23°23	T 21
F 22	0 23 11	3°51'23	13°30	28°17	20° 9	21°27	15° 2	3° 4	2°39	24°48	4°52	28°37	29°44	1°44	23°23	F 22
S 23	0 27 7	4°50'49	26°53	28°53	20°53	21°R27	14°57	3° 1	2°39	24°47	4°52	28°38	29°41	1°51	23°22	S 23
S 24	0 31 4	5°50'18	10♊28	29°24	21°37	21°26	14°53	2°57	2°40	24°46	4°52	28°40	29°38	1°57	23°22	S 24
M25	0 35 0	6°49'48	24°17	29°49	22°23	21°25	14°48	2°53	2°40	24°45	4°53	28°41	29°34	2° 4	23°22	M25
T 26	0 38 57	7°49'21	8♋17	0♏ 9	23° 9	21°23	14°43	2°48	2°41	24°44	4°53	28°R42	29°31	2°11	23°22	T 26
W27	0 42 53	8°48'57	22°29	0°22	23°57	21°20	14°38	2°44	2°41	24°43	4°53	28°41	29°28	2°17	23°D22	W27
T 28	0 46 50	9°48'35	6♌51	0°R28	24°45	21°15	14°32	2°40	2°42	24°42	4°54	28°40	29°25	2°24	23°22	T 28
F 29	0 50 47	10°48'15	21°18	0°27	25°34	21°10	14°27	2°36	2°42	24°41	4°54	28°38	29°22	2°31	23°22	F 29
S 30	0 54 43	11♎47'57	5♍47	0♏18	26♌24	21♉ 5	14♉21	2♉31	2♋42	24♒40	4♑55	28♎35	29♎18	2♒38	23♑22	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n38	12n34	5s 1	2s53	0s59	11n46	6s14	15n16	2s10	15n29	1s15	10n29	2s38	23n48	0n16	13s55	0s48	23s14	0n14	11s22	11s50	15s21	15s 2	6n31
S 2	6 16	8 26	4 34	3 33	1 7	11 53	6 4	15 22	2 9	15 29	1 15	10 28	2 38	23 48	0 16	13 55	0 48	23 14	0 14	11 19	11 49	15 20	15 3	6 31
S 3	5 53	3 48	3 49	4 13	1 14	11 59	5 54	15 27	2 8	15 28	1 15	10 27	2 39	23 48	0 16	13 56	0 48	23 14	0 14	11 17	11 47	15 18	15 3	6 31
M 4	5 30	1s 0	2 49	4 53	1 22	12 5	5 44	15 32	2 7	15 28	1 15	10 26	2 39	23 48	0 16	13 56	0 48	23 14	0 14	11 15	11 46	15 17	15 4	6 30
T 5	5 7	5 39	1 40	5 31	1 30	12 10	5 34	15 37	2 6	15 28	1 15	10 25	2 39	23 48	0 16	13 57	0 48	23 14	0 14	11 14	11 45	15 16	15 5	6 30
W 6	4 44	9 51	0 27	6 9	1 37	12 15	5 24	15 42	2 5	15 27	1 16	10 24	2 39	23 48	0 16	13 57	0 48	23 14	0 14	11 13	11 44	15 14	15 5	6 30
T 7	4 21	13 25	0n46	6 47	1 45	12 19	5 14	15 46	2 3	15 27	1 16	10 23	2 39	23 48	0 16	13 58	0 48	23 15	0 14	11 13	11 43	15 13	15 6	6 29
F 8	3 58	16 11	1 55	7 23	1 53	12 22	5 4	15 51	2 2	15 26	1 16	10 22	2 40	23 48	0 16	13 58	0 48	23 15	0 14	11 14	11 42	15 11	15 6	6 29
S 9	3 34	18 4	2 55	7 59	2 0	12 25	4 54	15 55	2 1	15 25	1 16	10 21	2 40	23 48	0 16	13 59	0 48	23 15	0 14	11 14	11 41	15 10	15 7	6 28
S 10	3 11	19 2	3 46	8 34	2 7	12 27	4 43	15 59	2 0	15 25	1 16	10 20	2 40	23 48	0 16	13 59	0 48	23 15	0 14	11 15	11 40	15 9	15 8	6 28
M11	2 48	19 6	4 26	9 8	2 14	12 29	4 33	16 3	1 58	15 24	1 16	10 19	2 40	23 48	0 16	14 0	0 48	23 15	0 13	11 15	11 38	15 7	15 8	6 28
T 12	2 24	18 19	4 54	9 41	2 21	12 31	4 23	16 7	1 57	15 23	1 16	10 17	2 40	23 48	0 16	14 0	0 48	23 15	0 13	11 14	11 37	15 6	15 9	6 27
W13	2 1	16 44	5 9	10 12	2 28	12 31	4 13	16 10	1 56	15 22	1 16	10 16	2 40	23 48	0 16	14 1	0 48	23 15	0 13	11 13	11 36	15 4	15 9	6 27
T 14	1 37	14 26	5 11	10 43	2 34	12 31	4 4	16 14	1 54	15 21	1 17	10 15	2 41	23 48	0 16	14 1	0 48	23 15	0 13	11 12	11 35	15 3	15 10	6 26
F 15	1 13	11 32	4 59	11 13	2 40	12 31	3 54	16 17	1 53	15 20	1 17	10 14	2 41	23 48	0 16	14 2	0 48	23 15	0 13	11 10	11 34	15 2	15 10	6 26
S 16	0 50	8 7	4 34	11 41	2 46	12 30	3 44	16 20	1 51	15 19	1 17	10 12	2 41	23 48	0 16	14 2	0 48	23 16	0 13	11 8	11 33	15 0	15 11	6 26
S 17	0 26	4 20	3 56	12 8	2 52	12 28	3 35	16 23	1 50	15 18	1 17	10 11	2 41	23 48	0 16	14 3	0 48	23 16	0 13	11 6	11 32	14 59	15 11	6 25
M18	0 2	0 18	3 7	12 33	2 57	12 26	3 25	16 26	1 48	15 17	1 17	10 10	2 41	23 48	0 16	14 3	0 48	23 16	0 13	11 4	11 31	14 57	15 12	6 25
T 19	0s21	3n48	2 8	12 56	3 2	12 23	3 16	16 29	1 47	15 16	1 17	10 8	2 41	23 48	0 16	14 3	0 48	23 16	0 13	11 3	11 29	14 56	15 12	6 24
W20	0 45	7 48	1 1	13 18	3 6	12 20	3 6	16 31	1 45	15 14	1 17	10 7	2 42	23 48	0 16	14 4	0 48	23 16	0 13	11 2	11 28	14 55	15 13	6 24
T 21	1 9	11 30	0s10	13 38	3 10	12 16	2 57	16 33	1 43	15 13	1 17	10 5	2 42	23 48	0 16	14 4	0 48	23 16	0 12	11 2	11 27	14 53	15 13	6 24
F 22	1 32	14 41	1 21	13 56	3 13	12 11	2 48	16 35	1 41	15 12	1 17	10 4	2 42	23 48	0 16	14 5	0 48	23 16	0 12	11 2	11 26	14 52	15 14	6 23
S 23	1 56	17 8	2 29	14 11	3 16	12 6	2 39	16 37	1 39	15 10	1 18	10 3	2 42	23 48	0 16	14 5	0 48	23 16	0 12	11 3	11 25	14 50	15 14	6 23
S 24	2 20	18 40	3 30	14 24	3 18	12 0	2 30	16 39	1 38	15 9	1 18	10 1	2 42	23 48	0 16	14 5	0 48	23 16	0 12	11 3	11 24	14 49	15 15	6 22
M25	2 43	19 6	4 20	14 34	3 19	11 54	2 21	16 40	1 36	15 7	1 18	10 0	2 42	23 48	0 16	14 6	0 48	23 16	0 12	11 4	11 23	14 47	15 15	6 22
T 26	3 7	18 23	4 56	14 41	3 19	11 47	2 13	16 42	1 34	15 6	1 18	9 58	2 42	23 48	0 16	14 6	0 48	23 16	0 12	11 4	11 22	14 46	15 16	6 21
W27	3 31	16 31	5 13	14 45	3 18	11 39	2 4	16 43	1 32	15 4	1 18	9 57	2 42	23 49	0 16	14 7	0 48	23 17	0 12	11 4	11 20	14 45	15 16	6 21
T 28	3 54	13 37	5 12	14 45	3 16	11 31	1 56	16 44	1 29	15 3	1 18	9 55	2 42	23 49	0 16	14 7	0 48	23 17	0 12	11 3	11 19	14 43	15 17	6 21
F 29	4 18	9 53	4 51	14 41	3 13	11 23	1 47	16 45	1 27	15 1	1 18	9 53	2 43	23 49	0 16	14 7	0 48	23 17	0 12	11 2	11 18	14 42	15 17	6 20
S 30	4s41	5n33	4s12	14s34	3s 8	11n14	1s39	16n45	1s25	14n59	1s18	9n52	2s43	23n49	0n16	14s 8	0s48	23s17	0n12	11s 2	11s17	14s40	15s17	6n20

Julian Day Number = 2096412.5, Delta T = 22m15s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'14, Lahiri = 10°18'15 Julian Calendar 1 Sept. 1027 == Greg. Calendar 7 Sept. 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

OCTOBER 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 58 40	12♎47'41	20♍11	0°R 0	27♌15	20°R58	14°R15	2°R27	2♋42	24°R39	4♑55	28°R33	29♎15	2♒44	23♑22	S 1
M 2	1 2 36	13°47'28	4♎27	29♎34	28° 6	20♉50	14♉ 9	2♉22	2°42	24♒38	4°56	28♎31	29°12	2°51	23°23	M 2
T 3	1 6 33	14°47'17	18°27	28°58	28°58	20°41	14° 3	2°18	2°42	24°37	4°57	28°31	29° 9	2°58	23°23	T 3
W 4	1 10 29	15°47'08	2♏10	28°14	29°51	20°32	13°57	2°13	2°R42	24°36	4°57	28°D30	29° 6	3° 5	23°24	W 4
T 5	1 14 26	16°47'01	15°31	27°21	0♍45	20°21	13°50	2° 9	2°42	24°35	4°58	28°31	29° 3	3°11	23°24	T 5
F 6	1 18 22	17°46'55	28°32	26°21	1°39	20°10	13°44	2° 4	2°42	24°34	4°59	28°32	28°59	3°18	23°25	F 6
S 7	1 22 19	18°46'52	11♐12	25°13	2°34	19°58	13°37	2° 0	2°42	24°33	4°59	28°33	28°56	3°25	23°25	S 7
S 8	1 26 15	19°46'50	23°35	24° 1	3°29	19°45	13°30	1°55	2°42	24°32	5° 0	28°34	28°53	3°31	23°26	S 8
M 9	1 30 12	20°46'50	5♑44	22°45	4°25	19°32	13°23	1°50	2°42	24°32	5° 1	28°34	28°50	3°38	23°27	M 9
T 10	1 34 9	21°46'52	17°43	21°27	5°22	19°17	13°16	1°45	2°41	24°31	5° 2	28°R35	28°47	3°45	23°28	T 10
W11	1 38 5	22°46'55	29°36	20°11	6°19	19° 2	13° 9	1°41	2°41	24°30	5° 3	28°35	28°43	3°52	23°29	W11
T 12	1 42 2	23°47'00	11♒30	18°59	7°17	18°46	13° 2	1°36	2°41	24°30	5° 3	28°34	28°40	3°58	23°30	T 12
F 13	1 45 58	24°47'06	23°27	17°52	8°15	18°29	12°54	1°31	2°40	24°29	5° 4	28°34	28°37	4° 5	23°31	F 13
S 14	1 49 55	25°47'14	5♓32	16°53	9°14	18°12	12°47	1°26	2°40	24°28	5° 5	28°33	28°34	4°12	23°32	S 14
S 15	1 53 51	26°47'24	17°49	16° 4	10°13	17°54	12°39	1°21	2°39	24°28	5° 6	28°33	28°31	4°18	23°33	S 15
M16	1 57 48	27°47'36	0♈20	15°25	11°13	17°36	12°32	1°16	2°38	24°27	5° 7	28°33	28°28	4°25	23°35	M16
T 17	2 1 44	28°47'49	13° 8	14°57	12°13	17°17	12°24	1°12	2°38	24°27	5° 8	28°D33	28°24	4°32	23°36	T 17
W18	2 5 41	29°48'04	26°13	14°41	13°13	16°57	12°16	1° 7	2°37	24°26	5° 9	28°R33	28°21	4°39	23°38	W18
T 19	2 9 38	0♏48'21	9♉34	14°D37	14°14	16°37	12° 8	1° 2	2°36	24°26	5°10	28°33	28°18	4°45	23°39	T 19
F 20	2 13 34	1°48'39	23°11	14°44	15°16	16°16	12° 0	0°57	2°35	24°26	5°11	28°33	28°15	4°52	23°41	F 20
S 21	2 17 31	2°49'00	7♊ 0	15° 2	16°18	15°55	11°52	0°52	2°34	24°25	5°13	28°32	28°12	4°59	23°42	S 21
S 22	2 21 27	3°49'22	21° 0	15°29	17°20	15°34	11°44	0°47	2°33	24°25	5°14	28°32	28° 9	5° 6	23°44	S 22
M23	2 25 24	4°49'46	5♋ 6	16° 5	18°23	15°13	11°36	0°42	2°32	24°25	5°15	28°31	28° 5	5°12	23°46	M23
T 24	2 29 20	5°50'13	19°17	16°49	19°26	14°51	11°28	0°38	2°31	24°24	5°16	28°31	28° 2	5°19	23°48	T 24
W25	2 33 17	6°50'41	3♌30	17°41	20°29	14°29	11°20	0°33	2°30	24°24	5°17	28°D30	27°59	5°26	23°50	W25
T 26	2 37 13	7°51'11	17°41	18°38	21°33	14° 6	11°12	0°28	2°29	24°24	5°19	28°30	27°56	5°32	23°51	T 26
F 27	2 41 10	8°51'43	1♍49	19°42	22°37	13°44	11° 4	0°23	2°28	24°24	5°20	28°31	27°53	5°39	23°54	F 27
S 28	2 45 7	9°52'17	15°52	20°49	23°41	13°22	10°55	0°18	2°27	24°23	5°21	28°32	27°49	5°46	23°56	S 28
S 29	2 49 3	10°52'53	29°48	22° 1	24°46	12°59	10°47	0°14	2°25	24°23	5°22	28°33	27°46	5°53	23°58	S 29
M30	2 53 0	11°53'31	13♎34	23°17	25°51	12°37	10°39	0° 9	2°24	24°23	5°24	28°34	27°43	5°59	24° 0	M30
T 31	2 56 56	12♏54'10	27♎ 9	24♎35	26♍56	12♉14	10♉31	0♉ 4	2♋23	24♒23	5♑25	28°R34	27♎40	6♒ 6	24♑ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s 5	0n54	3s16	14s22	3s 2	11n 4	1s31	16n46	1s23	14n57	1s18	9n50	2s43	23n49	0n16	14s 8	0s48	23s17	0n11	11s 1	11s16	14s39	15s18	6n19
M 2	5 28	3s45	2 9	14 5	2 54	10 53	1 23	16 46	1 20	14 55	1 18	9 49	2 43	23 49	0 16	14 8	0 48	23 17	0 11	11 0	11 15	14 37	15 18	6 19
T 3	5 51	8 7	0 55	13 43	2 44	10 43	1 16	16 46	1 18	14 54	1 18	9 47	2 43	23 49	0 17	14 9	0 48	23 17	0 11	11 0	11 14	14 36	15 18	6 18
W 4	6 15	11 58	0n20	13 16	2 33	10 31	1 8	16 46	1 16	14 52	1 18	9 45	2 43	23 49	0 17	14 9	0 48	23 17	0 11	11 0	11 13	14 34	15 19	6 18
T 5	6 38	15 6	1 33	12 45	2 19	10 19	1 1	16 45	1 13	14 50	1 18	9 44	2 43	23 49	0 17	14 9	0 48	23 17	0 11	11 0	11 11	14 33	15 19	6 18
F 6	7 1	17 21	2 39	12 9	2 4	10 7	0 53	16 45	1 11	14 48	1 18	9 42	2 43	23 49	0 17	14 9	0 48	23 17	0 11	11 0	11 10	14 32	15 19	6 17
S 7	7 24	18 41	3 35	11 29	1 48	9 54	0 46	16 44	1 8	14 46	1 18	9 41	2 43	23 49	0 17	14 10	0 48	23 17	0 11	11 1	11 9	14 30	15 20	6 17
S 8	7 46	19 5	4 20	10 45	1 29	9 40	0 39	16 43	1 5	14 44	1 18	9 39	2 43	23 49	0 17	14 10	0 48	23 17	0 11	11 1	11 8	14 29	15 20	6 16
M 9	8 9	18 34	4 52	9 58	1 10	9 26	0 32	16 42	1 3	14 42	1 18	9 37	2 43	23 49	0 17	14 10	0 48	23 17	0 11	11 1	11 7	14 27	15 20	6 16
T 10	8 32	17 14	5 11	9 11	0 50	9 12	0 25	16 41	1 0	14 39	1 18	9 36	2 43	23 49	0 17	14 10	0 48	23 17	0 11	11 1	11 6	14 26	15 21	6 15
W11	8 54	15 10	5 17	8 23	0 29	8 57	0 19	16 39	0 57	14 37	1 18	9 34	2 43	23 49	0 17	14 11	0 48	23 18	0 10	11 1	11 5	14 24	15 21	6 15
T 12	9 17	12 28	5 9	7 36	0 8	8 42	0 12	16 37	0 54	14 35	1 18	9 32	2 43	23 49	0 17	14 11	0 48	23 18	0 10	11 1	11 3	14 23	15 21	6 15
F 13	9 39	9 15	4 48	6 52	0n12	8 26	0 6	16 36	0 52	14 33	1 18	9 31	2 43	23 49	0 17	14 11	0 48	23 18	0 10	11 1	11 2	14 21	15 21	6 14
S 14	10 1	5 36	4 14	6 11	0 31	8 10	0n 1	16 34	0 49	14 31	1 18	9 29	2 43	23 49	0 17	14 11	0 48	23 18	0 10	11 1	11 1	14 20	15 22	6 14
S 15	10 23	1 40	3 27	5 35	0 49	7 53	0 7	16 31	0 46	14 28	1 18	9 27	2 43	23 49	0 17	14 11	0 48	23 18	0 10	11 1	11 0	14 18	15 22	6 13
M16	10 45	2n26	2 30	5 5	1 6	7 36	0 13	16 29	0 43	14 26	1 18	9 26	2 43	23 49	0 17	14 11	0 48	23 18	0 10	11 1	10 59	14 17	15 22	6 13
T 17	11 6	6 30	1 25	4 41	1 21	7 18	0 18	16 26	0 40	14 24	1 18	9 24	2 43	23 49	0 17	14 12	0 48	23 18	0 10	11 1	10 58	14 15	15 22	6 12
W18	11 28	10 22	0 13	4 22	1 34	7 0	0 24	16 24	0 37	14 21	1 18	9 22	2 43	23 49	0 17	14 12	0 48	23 18	0 10	11 1	10 57	14 14	15 22	6 12
T 19	11 49	13 48	1s 1	4 10	1 45	6 41	0 30	16 21	0 34	14 19	1 18	9 21	2 43	23 49	0 17	14 12	0 48	23 18	0 10	11 1	10 56	14 12	15 23	6 12
F 20	12 10	16 32	2 12	4 4	1 55	6 22	0 35	16 18	0 31	14 17	1 18	9 19	2 43	23 49	0 17	14 12	0 48	23 18	0 10	11 1	10 54	14 11	15 23	6 11
S 21	12 31	18 21	3 17	4 4	2 3	6 3	0 40	16 15	0 28	14 14	1 18	9 17	2 43	23 49	0 17	14 12	0 48	23 18	0 9	11 1	10 53	14 10	15 23	6 11
S 22	12 51	19 4	4 12	4 9	2 9	5 44	0 45	16 12	0 25	14 12	1 18	9 16	2 43	23 49	0 17	14 12	0 48	23 18	0 9	11 0	10 52	14 8	15 23	6 10
M23	13 12	18 37	4 51	4 19	2 13	5 24	0 50	16 8	0 21	14 9	1 18	9 14	2 43	23 49	0 17	14 12	0 48	23 18	0 9	11 0	10 51	14 7	15 23	6 10
T 24	13 32	17 0	5 13	4 33	2 16	5 3	0 55	16 5	0 18	14 7	1 18	9 12	2 43	23 49	0 17	14 12	0 48	23 18	0 9	11 0	10 50	14 5	15 23	6 10
W25	13 52	14 21	5 16	4 51	2 18	4 43	1 0	16 1	0 15	14 4	1 18	9 11	2 43	23 49	0 17	14 12	0 48	23 18	0 9	11 0	10 49	14 4	15 23	6 9
T 26	14 12	10 51	4 59	5 12	2 19	4 21	1 5	15 58	0 12	14 2	1 18	9 9	2 43	23 49	0 17	14 13	0 48	23 18	0 9	11 0	10 48	14 2	15 23	6 9
F 27	14 32	6 45	4 25	5 36	2 19	4 0	1 9	15 54	0 9	14 0	1 18	9 8	2 43	23 49	0 17	14 13	0 48	23 18	0 9	11 0	10 46	14 1	15 23	6 8
S 28	14 51	2 18	3 35	6 3	2 17	3 38	1 13	15 50	0 6	13 57	1 18	9 6	2 43	23 50	0 17	14 13	0 48	23 18	0 9	11 0	10 45	13 59	15 23	6 8
S 29	15 10	2s15	2 33	6 32	2 15	3 16	1 17	15 46	0 3	13 55	1 18	9 4	2 43	23 50	0 17	14 13	0 48	23 19	0 9	11 1	10 44	13 58	15 23	6 8
M30	15 29	6 38	1 22	7 3	2 12	2 54	1 21	15 43	0n 0	13 52	1 17	9 3	2 42	23 50	0 17	14 13	0 48	23 19	0 9	11 1	10 43	13 56	15 23	6 7
T 31	15s47	10s38	0s 8	7s35	2n 9	2n32	1n25	15n39	0n 4	13n50	1s17	9n 1	2s42	23n50	0n17	14s13	0s48	23s19	0n 8	11s 1	10s42	13s55	15s23	6n 7

Julian Day Number = 2096442.5, Delta T = 22m14s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'19, Lahiri = 10°18'19 Julian Calendar 1 Oct. 1027 == Greg. Calendar 7 Oct. 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

NOVEMBER 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 0 53	13♏54'51	10♏30	25♎56	28♍ 1	11°R52	10°R23	29°R59	2°R21	24°D23	5♑27	28°R34	27♎37	6♒13	24♑ 5	W 1
T 2	3 4 49	14°55'33	23°37	27°20	29° 7	11♉30	10♉15	29♈55	2♋20	24♒23	5°28	28♎33	27°34	6°19	24° 7	T 2
F 3	3 8 46	15°56'17	6♐28	28°45	0♎13	11° 9	10° 6	29°50	2°18	24°23	5°29	28°31	27°30	6°26	24° 9	F 3
S 4	3 12 42	16°57'02	19° 3	0♏11	1°20	10°47	9°58	29°46	2°17	24°23	5°31	28°28	27°27	6°33	24°12	S 4
S 5	3 16 39	17°57'48	1♑24	1°39	2°26	10°26	9°50	29°41	2°15	24°24	5°32	28°25	27°24	6°40	24°15	S 5
M 6	3 20 36	18°58'36	13°33	3° 8	3°33	10° 5	9°42	29°37	2°13	24°24	5°34	28°22	27°21	6°46	24°17	M 6
T 7	3 24 32	19°59'24	25°32	4°37	4°40	9°45	9°34	29°32	2°12	24°24	5°35	28°19	27°18	6°53	24°20	T 7
W 8	3 28 29	21° 0'14	7♒25	6° 8	5°47	9°26	9°27	29°28	2°10	24°24	5°37	28°17	27°15	7° 0	24°23	W 8
T 9	3 32 25	22° 1'04	19°17	7°39	6°55	9° 6	9°19	29°24	2° 8	24°25	5°38	28°D16	27°11	7° 7	24°26	T 9
F 10	3 36 22	23° 1'56	1♓12	9°10	8° 3	8°48	9°11	29°19	2° 6	24°25	5°40	28°16	27° 8	7°13	24°28	F 10
S 11	3 40 18	24° 2'48	13°16	10°42	9°11	8°30	9° 3	29°15	2° 5	24°25	5°42	28°18	27° 5	7°20	24°31	S 11
S 12	3 44 15	25° 3'41	25°33	12°14	10°19	8°12	8°56	29°11	2° 3	24°26	5°43	28°19	27° 2	7°27	24°34	S 12
M13	3 48 11	26° 4'36	8♈ 7	13°46	11°27	7°56	8°48	29° 7	2° 1	24°26	5°45	28°21	26°59	7°33	24°37	M13
T 14	3 52 8	27° 5'31	21° 1	15°19	12°36	7°40	8°41	29° 3	1°59	24°26	5°47	28°22	26°55	7°40	24°40	T 14
W15	3 56 5	28° 6'27	4♉19	16°52	13°44	7°24	8°34	28°59	1°57	24°27	5°48	28°R22	26°52	7°47	24°44	W15
T 16	4 0 1	29° 7'24	17°59	18°25	14°53	7°10	8°26	28°55	1°55	24°27	5°50	28°21	26°49	7°54	24°47	T 16
F 17	4 3 58	0♐ 8'21	2♊ 0	19°58	16° 2	6°56	8°19	28°51	1°53	24°28	5°52	28°18	26°46	8° 0	24°50	F 17
S 18	4 7 54	1° 9'20	16°19	21°31	17°11	6°43	8°12	28°48	1°51	24°29	5°53	28°14	26°43	8° 7	24°53	S 18
S 19	4 11 51	2°10'20	0♋49	23° 4	18°21	6°30	8° 6	28°44	1°48	24°29	5°55	28° 8	26°40	8°14	24°57	S 19
M20	4 15 47	3°11'21	15°25	24°37	19°30	6°19	7°59	28°40	1°46	24°30	5°57	28° 3	26°36	8°20	25° 0	M20
T 21	4 19 44	4°12'23	29°58	26°11	20°40	6° 8	7°52	28°37	1°44	24°31	5°59	27°58	26°33	8°27	25° 3	T 21
W22	4 23 40	5°13'27	14♌25	27°44	21°50	5°58	7°46	28°33	1°42	24°31	6° 0	27°55	26°30	8°34	25° 7	W22
T 23	4 27 37	6°14'31	28°41	29°17	23° 0	5°49	7°39	28°30	1°40	24°32	6° 2	27°53	26°27	8°41	25°10	T 23
F 24	4 31 34	7°15'36	12♍43	0♐51	24°10	5°40	7°33	28°27	1°37	24°33	6° 4	27°D53	26°24	8°47	25°14	F 24
S 25	4 35 30	8°16'42	26°31	2°25	25°21	5°33	7°27	28°24	1°35	24°34	6° 6	27°54	26°21	8°54	25°18	S 25
S 26	4 39 27	9°17'49	10♎ 5	3°58	26°31	5°26	7°21	28°21	1°33	24°34	6° 8	27°55	26°17	9° 1	25°21	S 26
M27	4 43 23	10°18'57	23°26	5°32	27°42	5°20	7°16	28°18	1°30	24°35	6°10	27°R56	26°14	9° 8	25°25	M27
T 28	4 47 20	11°20'06	6♏35	7° 6	28°52	5°15	7°10	28°15	1°28	24°36	6°11	27°56	26°11	9°14	25°29	T 28
W29	4 51 16	12°21'16	19°32	8°41	0♏ 3	5°10	7° 5	28°12	1°26	24°37	6°13	27°54	26° 8	9°21	25°32	W29
T 30	4 55 13	13♐22'26	2♐18	10♐15	1♏14	5♉ 7	7♉ 0	28♈ 9	1♋23	24♒38	6♑15	27♎49	26♎ 5	9♒28	25♑36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s 6	14s 1	1n 6	8s 8	2n 5	2n 9	1n29	15n35	0n 7	13n47	1s17	9n 0	2s42	23n50	0n17	14s13	0s48	23s19	0n 8	11s 1	10s41	13s53	15s23	6n 6
T 2	16 24	16 37	2 14	8 43	2 0	1 46	1 33	15 31	0 10	13 45	1 17	8 58	2 42	23 50	0 17	14 13	0 48	23 19	0 8	11 1	10 40	13 52	15 23	6 6
F 3	16 42	18 19	3 14	9 18	1 55	1 23	1 36	15 27	0 13	13 42	1 17	8 57	2 42	23 50	0 17	14 13	0 48	23 19	0 8	11 0	10 38	13 50	15 23	6 6
S 4	16 59	19 4	4 4	9 53	1 50	0 59	1 39	15 23	0 16	13 40	1 17	8 55	2 42	23 50	0 17	14 12	0 48	23 19	0 8	10 59	10 37	13 49	15 23	6 5
S 5	17 16	18 53	4 41	10 29	1 44	0 36	1 43	15 19	0 19	13 38	1 17	8 54	2 42	23 50	0 17	14 12	0 48	23 19	0 8	10 58	10 36	13 47	15 23	6 5
M 6	17 33	17 49	5 4	11 5	1 38	0 12	1 46	15 16	0 22	13 35	1 16	8 52	2 42	23 50	0 17	14 12	0 48	23 19	0 8	10 57	10 35	13 46	15 23	6 5
T 7	17 50	16 0	5 14	11 41	1 32	0s12	1 49	15 12	0 24	13 33	1 16	8 51	2 41	23 50	0 17	14 12	0 48	23 19	0 8	10 56	10 34	13 44	15 23	6 4
W 8	18 6	13 30	5 11	12 17	1 25	0 37	1 51	15 8	0 27	13 31	1 16	8 50	2 41	23 50	0 17	14 12	0 48	23 19	0 8	10 55	10 33	13 43	15 23	6 4
T 9	18 22	10 28	4 54	12 53	1 19	1 1	1 54	15 5	0 30	13 28	1 16	8 48	2 41	23 50	0 17	14 12	0 48	23 19	0 8	10 55	10 31	13 41	15 23	6 3
F 10	18 38	6 59	4 24	13 29	1 12	1 25	1 56	15 1	0 33	13 26	1 16	8 47	2 41	23 50	0 17	14 12	0 48	23 19	0 8	10 55	10 30	13 40	15 23	6 3
S 11	18 53	3 11	3 43	14 5	1 5	1 50	1 59	14 58	0 35	13 24	1 16	8 46	2 41	23 50	0 17	14 12	0 48	23 19	0 7	10 55	10 29	13 38	15 22	6 3
S 12	19 8	0n50	2 51	14 40	0 58	2 15	2 1	14 55	0 38	13 21	1 15	8 44	2 41	23 50	0 17	14 12	0 48	23 19	0 7	10 56	10 28	13 36	15 22	6 2
M13	19 22	4 54	1 49	15 14	0 51	2 40	2 3	14 52	0 41	13 19	1 15	8 43	2 40	23 50	0 17	14 12	0 48	23 19	0 7	10 57	10 27	13 35	15 22	6 2
T 14	19 37	8 52	0 40	15 48	0 44	3 5	2 5	14 49	0 43	13 17	1 15	8 42	2 40	23 50	0 17	14 11	0 47	23 19	0 7	10 57	10 26	13 33	15 22	6 2
W15	19 50	12 31	0s32	16 22	0 37	3 30	2 7	14 46	0 46	13 15	1 15	8 40	2 40	23 50	0 17	14 11	0 47	23 19	0 7	10 57	10 25	13 32	15 22	6 1
T 16	20 4	15 36	1 45	16 55	0 30	3 55	2 9	14 44	0 48	13 13	1 15	8 39	2 40	23 50	0 18	14 11	0 47	23 19	0 7	10 57	10 23	13 30	15 21	6 1
F 17	20 17	17 50	2 53	17 27	0 23	4 20	2 10	14 41	0 50	13 11	1 14	8 38	2 40	23 50	0 18	14 11	0 47	23 19	0 7	10 55	10 22	13 29	15 21	6 1
S 18	20 30	19 0	3 52	17 58	0 16	4 45	2 12	14 39	0 53	13 9	1 14	8 37	2 39	23 51	0 18	14 11	0 47	23 19	0 7	10 54	10 21	13 27	15 21	6 0
S 19	20 42	18 57	4 37	18 29	0 9	5 11	2 13	14 37	0 55	13 7	1 14	8 36	2 39	23 51	0 18	14 10	0 47	23 19	0 7	10 52	10 20	13 26	15 21	6 0
M20	20 54	17 38	5 3	18 59	0 2	5 36	2 14	14 35	0 57	13 5	1 14	8 35	2 39	23 51	0 18	14 10	0 47	23 19	0 7	10 50	10 19	13 24	15 20	6 0
T 21	21 6	15 12	5 11	19 28	0s 4	6 1	2 16	14 34	0 59	13 3	1 14	8 34	2 39	23 51	0 18	14 10	0 47	23 19	0 7	10 48	10 18	13 23	15 20	6 0
W22	21 17	11 50	4 58	19 56	0 11	6 26	2 16	14 32	1 1	13 1	1 13	8 33	2 39	23 51	0 18	14 10	0 47	23 19	0 6	10 47	10 17	13 21	15 20	5 59
T 23	21 28	7 49	4 27	20 24	0 18	6 52	2 17	14 31	1 3	12 59	1 13	8 32	2 38	23 51	0 18	14 9	0 47	23 19	0 6	10 46	10 15	13 20	15 19	5 59
F 24	21 38	3 25	3 41	20 50	0 24	7 17	2 18	14 30	1 5	12 57	1 13	8 31	2 38	23 51	0 18	14 9	0 47	23 19	0 6	10 46	10 14	13 18	15 19	5 59
S 25	21 48	1s 5	2 42	21 15	0 31	7 42	2 19	14 30	1 7	12 56	1 13	8 30	2 38	23 51	0 18	14 9	0 47	23 19	0 6	10 47	10 13	13 17	15 19	5 58
S 26	21 58	5 28	1 35	21 40	0 37	8 7	2 19	14 29	1 9	12 54	1 12	8 29	2 38	23 51	0 18	14 8	0 47	23 19	0 6	10 47	10 12	13 15	15 18	5 58
M27	22 7	9 31	0 24	22 3	0 43	8 32	2 20	14 29	1 11	12 52	1 12	8 28	2 37	23 51	0 18	14 8	0 47	23 19	0 6	10 48	10 11	13 14	15 18	5 58
T 28	22 15	13 3	0n47	22 25	0 50	8 57	2 20	14 29	1 13	12 51	1 12	8 27	2 37	23 51	0 18	14 8	0 47	23 19	0 6	10 48	10 10	13 12	15 18	5 58
W29	22 24	15 53	1 54	22 47	0 55	9 22	2 20	14 29	1 14	12 49	1 12	8 27	2 37	23 51	0 18	14 7	0 47	23 19	0 6	10 47	10 8	13 10	15 17	5 57
T 30	22s31	17s52	2n55	23s 7	1s 1	9s46	2n20	14n29	1n16	12n48	1s11	8n26	2s37	23n51	0n18	14s 7	0s47	23s19	0n 6	10s45	10s 7	13s 9	15s17	5n57

Julian Day Number = 2096473.5, Delta T = 22m14s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'23, Lahiri = 10°18'23 Julian Calendar 1 Nov. 1027 == Greg. Calendar 7 Nov. 1027

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ASTRODIENST EPHEMERIS for the year 1027
geocentric

DECEMBER 1027 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 59 9	14♐23'37	14♐54	11♐49	2♏25	5°R 4	6°R54	28°R 7	1°R21	24♒39	6♑17	27°R42	26♎ 1	9♒34	25♑40	F 1
S 2	5 3 6	15°24'48	27°18	13°24	3°36	5♉ 3	6♉50	28♈ 4	1♋18	24°40	6°19	27♎34	25°58	9°41	25°44	S 2
S 3	5 7 3	16°26'00	9♑32	14°59	4°48	5° 2	6°45	28° 2	1°16	24°41	6°21	27°24	25°55	9°48	25°48	S 3
M 4	5 10 59	17°27'12	21°37	16°34	5°59	5°D 1	6°40	27°59	1°13	24°42	6°23	27°14	25°52	9°55	25°52	M 4
T 5	5 14 56	18°28'24	3♒34	18° 9	7°11	5° 2	6°36	27°57	1°11	24°44	6°25	27° 5	25°49	10° 1	25°56	T 5
W 6	5 18 52	19°29'37	15°25	19°45	8°22	5° 3	6°32	27°55	1° 8	24°45	6°27	26°57	25°46	10° 8	26° 0	W 6
T 7	5 22 49	20°30'49	27°16	21°21	9°34	5° 5	6°28	27°53	1° 6	24°46	6°29	26°52	25°42	10°15	26° 4	T 7
F 8	5 26 45	21°32'01	9♓ 8	22°57	10°46	5° 8	6°24	27°51	1° 3	24°47	6°31	26°48	25°39	10°21	26° 8	F 8
S 9	5 30 42	22°33'13	21° 8	24°33	11°57	5°12	6°21	27°49	1° 1	24°48	6°33	26°D47	25°36	10°28	26°12	S 9
S 10	5 34 38	23°34'25	3♈20	26°10	13° 9	5°16	6°17	27°48	0°58	24°50	6°35	26°48	25°33	10°35	26°17	S 10
M11	5 38 35	24°35'37	15°50	27°47	14°21	5°21	6°14	27°46	0°56	24°51	6°37	26°49	25°30	10°42	26°21	M11
T 12	5 42 32	25°36'48	28°42	29°24	15°33	5°27	6°11	27°45	0°53	24°52	6°39	26°R49	25°26	10°48	26°25	T 12
W13	5 46 28	26°38'00	12♉ 1	1♑ 1	16°45	5°34	6° 8	27°43	0°50	24°54	6°41	26°48	25°23	10°55	26°29	W13
T 14	5 50 25	27°39'11	25°48	2°39	17°58	5°41	6° 6	27°42	0°48	24°55	6°43	26°45	25°20	11° 2	26°34	T 14
F 15	5 54 21	28°40'22	10♊ 2	4°17	19°10	5°49	6° 3	27°41	0°45	24°57	6°45	26°39	25°17	11° 8	26°38	F 15
S 16	5 58 18	29°41'33	24°40	5°56	20°22	5°57	6° 1	27°40	0°43	24°58	6°47	26°30	25°14	11°15	26°42	S 16
S 17	6 2 14	0♑42'44	9♋36	7°35	21°35	6° 7	5°59	27°39	0°40	25° 0	6°49	26°20	25°11	11°22	26°47	S 17
M18	6 6 11	1°43'54	24°39	9°14	22°47	6°16	5°58	27°38	0°37	25° 1	6°51	26°10	25° 7	11°29	26°51	M18
T 19	6 10 8	2°45'05	9♌40	10°53	24° 0	6°27	5°56	27°37	0°35	25° 3	6°53	26° 0	25° 4	11°35	26°56	T 19
W20	6 14 4	3°46'15	24°30	12°32	25°13	6°38	5°55	27°37	0°32	25° 4	6°55	25°53	25° 1	11°42	27° 0	W20
T 21	6 18 1	4°47'25	9♍ 2	14°12	26°25	6°49	5°54	27°36	0°30	25° 6	6°57	25°48	24°58	11°49	27° 5	T 21
F 22	6 21 57	5°48'35	23°13	15°52	27°38	7° 2	5°53	27°36	0°27	25° 7	6°59	25°45	24°55	11°56	27° 9	F 22
S 23	6 25 54	6°49'45	7♎ 1	17°32	28°51	7°14	5°52	27°36	0°24	25° 9	7° 1	25°D44	24°52	12° 2	27°14	S 23
S 24	6 29 50	7°50'56	20°27	19°12	0♐ 4	7°28	5°51	27°36	0°22	25°11	7° 3	25°R45	24°48	12° 9	27°18	S 24
M25	6 33 47	8°52'05	3♏35	20°51	1°17	7°41	5°51	27°D36	0°19	25°12	7° 5	25°44	24°45	12°16	27°23	M25
T 26	6 37 43	9°53'15	16°27	22°31	2°30	7°56	5°D51	27°36	0°17	25°14	7° 7	25°43	24°42	12°22	27°27	T 26
W27	6 41 40	10°54'25	29° 6	24°10	3°43	8°11	5°51	27°36	0°14	25°16	7° 9	25°38	24°39	12°29	27°32	W27
T 28	6 45 37	11°55'34	11♐34	25°48	4°56	8°26	5°51	27°36	0°12	25°18	7°11	25°31	24°36	12°36	27°37	T 28
F 29	6 49 33	12°56'43	23°53	27°25	6° 9	8°42	5°52	27°37	0° 9	25°19	7°13	25°20	24°32	12°43	27°41	F 29
S 30	6 53 30	13°57'51	6♑ 4	29° 2	7°22	8°58	5°53	27°37	0° 7	25°21	7°15	25° 7	24°29	12°49	27°46	S 30
S 31	6 57 26	14♑58'58	18♑ 8	0♒37	8♐35	9♉15	5♉53	27♈38	0♋ 4	25♒23	7♑17	24♎53	24♎26	12♒56	27♑50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s39	18s58	3n46	23s26	1s 7	10s11	2n20	14n30	1n17	12n46	1s11	8n25	2s36	23n51	0n18	14s 7	0s47	23s19	0n 6	10s43	10s 6	13s 7	15s16	5n57
S 2	22 46	19 7	4 25	23 43	1 12	10 35	2 20	14 30	1 19	12 45	1 11	8 25	2 36	23 51	0 18	14 6	0 47	23 19	0 5	10 40	10 5	13 6	15 16	5 56
S 3	22 52	18 22	4 52	24 0	1 18	11 0	2 20	14 31	1 20	12 44	1 10	8 24	2 36	23 51	0 18	14 6	0 47	23 19	0 5	10 36	10 4	13 4	15 15	5 56
M 4	22 58	16 48	5 5	24 15	1 23	11 24	2 19	14 33	1 22	12 43	1 10	8 23	2 36	23 51	0 18	14 6	0 47	23 19	0 5	10 32	10 3	13 3	15 15	5 56
T 5	23 4	14 32	5 4	24 29	1 28	11 47	2 19	14 34	1 23	12 41	1 10	8 23	2 35	23 51	0 18	14 5	0 47	23 19	0 5	10 29	10 1	13 1	15 14	5 56
W 6	23 9	11 40	4 51	24 42	1 32	12 11	2 18	14 36	1 24	12 40	1 10	8 22	2 35	23 51	0 18	14 5	0 47	23 19	0 5	10 26	10 0	13 0	15 14	5 56
T 7	23 13	8 21	4 25	24 53	1 37	12 35	2 18	14 38	1 26	12 39	1 9	8 22	2 35	23 51	0 18	14 4	0 47	23 19	0 5	10 24	9 59	12 58	15 13	5 55
F 8	23 17	4 41	3 47	25 3	1 41	12 58	2 17	14 40	1 27	12 38	1 9	8 22	2 35	23 51	0 18	14 4	0 47	23 19	0 5	10 23	9 58	12 56	15 13	5 55
S 9	23 21	0 47	2 59	25 12	1 45	13 21	2 16	14 42	1 28	12 37	1 9	8 21	2 34	23 51	0 18	14 4	0 47	23 19	0 5	10 23	9 57	12 55	15 12	5 55
S 10	23 24	3n12	2 2	25 19	1 48	13 43	2 15	14 45	1 29	12 37	1 8	8 21	2 34	23 51	0 18	14 3	0 47	23 19	0 5	10 23	9 56	12 53	15 12	5 55
M11	23 27	7 10	0 59	25 24	1 52	14 6	2 14	14 47	1 30	12 36	1 8	8 21	2 34	23 51	0 18	14 3	0 47	23 19	0 5	10 23	9 54	12 52	15 11	5 55
T 12	23 29	10 55	0s10	25 29	1 55	14 28	2 13	14 50	1 31	12 35	1 8	8 20	2 33	23 51	0 18	14 2	0 47	23 19	0 5	10 23	9 53	12 50	15 11	5 54
W13	23 31	14 15	1 20	25 31	1 58	14 50	2 12	14 54	1 32	12 34	1 8	8 20	2 33	23 52	0 18	14 2	0 47	23 19	0 4	10 23	9 52	12 49	15 10	5 54
T 14	23 33	16 54	2 28	25 32	2 0	15 11	2 10	14 57	1 33	12 34	1 7	8 20	2 33	23 52	0 18	14 1	0 47	23 19	0 4	10 22	9 51	12 47	15 9	5 54
F 15	23 33	18 37	3 29	25 32	2 2	15 32	2 9	15 0	1 34	12 33	1 7	8 20	2 33	23 52	0 18	14 1	0 47	23 19	0 4	10 20	9 50	12 45	15 9	5 54
S 16	23 34	19 10	4 18	25 30	2 4	15 53	2 7	15 4	1 35	12 33	1 7	8 20	2 32	23 52	0 18	14 0	0 47	23 19	0 4	10 17	9 49	12 44	15 8	5 54
S 17	23 34	18 23	4 50	25 26	2 5	16 14	2 6	15 8	1 36	12 33	1 6	8 20	2 32	23 52	0 18	14 0	0 47	23 19	0 4	10 13	9 47	12 42	15 7	5 53
M18	23 33	16 20	5 3	25 20	2 6	16 34	2 4	15 12	1 37	12 32	1 6	8 20	2 32	23 52	0 18	13 59	0 47	23 19	0 4	10 9	9 46	12 41	15 7	5 53
T 19	23 32	13 11	4 54	25 13	2 7	16 53	2 3	15 16	1 37	12 32	1 6	8 20	2 31	23 52	0 18	13 59	0 47	23 19	0 4	10 6	9 45	12 39	15 6	5 53
W20	23 31	9 14	4 26	25 4	2 7	17 13	2 1	15 21	1 38	12 32	1 6	8 20	2 31	23 52	0 18	13 58	0 47	23 19	0 4	10 3	9 44	12 38	15 5	5 53
T 21	23 29	4 48	3 41	24 54	2 7	17 32	1 59	15 25	1 39	12 32	1 5	8 20	2 31	23 52	0 18	13 58	0 47	23 19	0 4	10 1	9 43	12 36	15 5	5 53
F 22	23 26	0 12	2 44	24 42	2 6	17 50	1 57	15 30	1 40	12 32	1 5	8 20	2 30	23 52	0 18	13 57	0 47	23 19	0 4	10 0	9 42	12 34	15 4	5 53
S 23	23 23	4s18	1 38	24 28	2 4	18 8	1 55	15 35	1 40	12 32	1 5	8 20	2 30	23 52	0 18	13 56	0 47	23 19	0 4	10 0	9 40	12 33	15 3	5 53
S 24	23 20	8 28	0 28	24 12	2 2	18 26	1 53	15 40	1 41	12 32	1 4	8 20	2 30	23 52	0 18	13 56	0 47	23 19	0 3	10 0	9 39	12 31	15 3	5 52
M25	23 16	12 8	0n42	23 54	2 0	18 43	1 51	15 45	1 41	12 32	1 4	8 21	2 30	23 52	0 18	13 55	0 47	23 19	0 3	10 0	9 38	12 30	15 2	5 52
T 26	23 12	15 8	1 47	23 35	1 57	18 59	1 49	15 50	1 42	12 32	1 4	8 21	2 29	23 52	0 18	13 55	0 47	23 19	0 3	9 59	9 37	12 28	15 1	5 52
W27	23 7	17 21	2 47	23 15	1 53	19 16	1 46	15 55	1 42	12 33	1 3	8 21	2 29	23 52	0 18	13 54	0 47	23 19	0 3	9 58	9 36	12 26	15 0	5 52
T 28	23 1	18 42	3 37	22 52	1 48	19 31	1 44	16 1	1 43	12 33	1 3	8 22	2 29	23 52	0 18	13 54	0 47	23 19	0 3	9 55	9 35	12 25	15 0	5 52
F 29	22 56	19 9	4 16	22 28	1 43	19 46	1 42	16 6	1 43	12 33	1 3	8 22	2 28	23 52	0 18	13 53	0 47	23 19	0 3	9 51	9 33	12 23	14 59	5 52
S 30	22 50	18 42	4 44	22 3	1 37	20 1	1 39	16 12	1 44	12 34	1 2	8 23	2 28	23 52	0 18	13 52	0 47	23 19	0 3	9 46	9 32	12 22	14 58	5 52
S 31	22s43	17s25	4n58	21s36	1s31	20s15	1n37	16n18	1n44	12n35	1s 2	8n23	2s28	23n52	0n18	13s52	0s47	23s19	0n 3	9s41	9s31	12s20	14s57	5n52

Julian Day Number = 2096503.5, Delta T = 22m14s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'27, Lahiri = 10°18'27 Julian Calendar 1 Dec. 1027 == Greg. Calendar 7 Dec. 1027

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

JANUARY 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 1 23	16♉ 0'05	0♒ 7	2♒10	9♐48	9♑33	5♑55	27♈39	0°R 2	25♒25	7♉19	24°R38	24♎23	13♒ 3	27♉55	M 1
T 2	7 5 19	17° 1'11	12° 1	3°41	11° 2	9°50	5°56	27°39	29♊59	25°27	7°21	24♎24	24°20	13° 9	28° 0	T 2
W 3	7 9 16	18° 2'16	23°51	5°10	12°15	10° 9	5°58	27°40	29°57	25°29	7°23	24°12	24°17	13°16	28° 4	W 3
T 4	7 13 12	19° 3'20	5♓41	6°35	13°28	10°27	5°59	27°42	29°54	25°31	7°25	24° 2	24°13	13°23	28° 9	T 4
F 5	7 17 9	20° 4'23	17°33	7°57	14°42	10°46	6° 1	27°43	29°52	25°32	7°27	23°56	24°10	13°30	28°14	F 5
S 6	7 21 6	21° 5'25	29°31	9°15	15°55	11° 6	6° 3	27°44	29°50	25°34	7°29	23°52	24° 7	13°36	28°19	S 6
S 7	7 25 2	22° 6'25	11♈39	10°27	17° 8	11°26	6° 6	27°46	29°47	25°36	7°31	23°51	24° 4	13°43	28°23	S 7
M 8	7 28 59	23° 7'25	24° 4	11°34	18°22	11°46	6° 8	27°47	29°45	25°38	7°33	23°51	24° 1	13°50	28°28	M 8
T 9	7 32 55	24° 8'23	6♉49	12°33	19°35	12° 7	6°11	27°49	29°43	25°40	7°35	23°50	23°58	13°56	28°33	T 9
W10	7 36 52	25° 9'20	20° 1	13°26	20°49	12°28	6°14	27°51	29°40	25°42	7°37	23°49	23°54	14° 3	28°37	W10
T 11	7 40 48	26°10'16	3♊42	14°10	22° 2	12°49	6°17	27°52	29°38	25°44	7°39	23°45	23°51	14°10	28°42	T 11
F 12	7 44 45	27°11'10	17°53	14°45	23°16	13°11	6°20	27°54	29°36	25°46	7°41	23°39	23°48	14°17	28°47	F 12
S 13	7 48 41	28°12'03	2♋34	15°11	24°29	13°33	6°24	27°57	29°34	25°48	7°43	23°29	23°45	14°23	28°52	S 13
S 14	7 52 38	29°12'55	17°37	15°26	25°43	13°55	6°28	27°59	29°32	25°51	7°45	23°18	23°42	14°30	28°56	S 14
M15	7 56 35	0♒13'45	2♌54	15°R30	26°57	14°18	6°32	28° 1	29°29	25°53	7°47	23° 7	23°38	14°37	29° 1	M15
T 16	8 0 31	1°14'34	18°14	15°23	28°10	14°41	6°36	28° 4	29°27	25°55	7°49	22°56	23°35	14°43	29° 6	T 16
W17	8 4 28	2°15'22	3♍25	15° 5	29°24	15° 4	6°40	28° 6	29°25	25°57	7°51	22°47	23°32	14°50	29°11	W17
T 18	8 8 24	3°16'09	18°17	14°36	0♎37	15°28	6°44	28° 9	29°23	25°59	7°53	22°40	23°29	14°57	29°15	T 18
F 19	8 12 21	4°16'55	2♎44	13°58	1°51	15°52	6°49	28°11	29°21	26° 1	7°54	22°37	23°26	15° 4	29°20	F 19
S 20	8 16 17	5°17'40	16°43	13°10	3° 5	16°16	6°54	28°14	29°19	26° 3	7°56	22°36	23°23	15°10	29°25	S 20
S 21	8 20 14	6°18'23	0♏15	12°14	4°19	16°41	6°59	28°17	29°17	26° 5	7°58	22°36	23°19	15°17	29°29	S 21
M22	8 24 10	7°19'06	13°23	11°12	5°32	17° 5	7° 4	28°20	29°15	26° 8	8° 0	22°36	23°16	15°24	29°34	M22
T 23	8 28 7	8°19'47	26°10	10° 6	6°46	17°30	7° 9	28°23	29°14	26°10	8° 2	22°34	23°13	15°30	29°39	T 23
W24	8 32 4	9°20'28	8♐41	8°56	8° 0	17°56	7°15	28°27	29°12	26°12	8° 4	22°31	23°10	15°37	29°43	W24
T 25	8 36 0	10°21'07	20°58	7°47	9°14	18°21	7°21	28°30	29°10	26°14	8° 5	22°24	23° 7	15°44	29°48	T 25
F 26	8 39 57	11°21'45	3♑ 6	6°38	10°28	18°47	7°27	28°33	29° 8	26°16	8° 7	22°15	23° 4	15°51	29°53	F 26
S 27	8 43 53	12°22'21	15° 7	5°32	11°41	19°13	7°33	28°37	29° 6	26°19	8° 9	22° 3	23° 0	15°57	29°57	S 27
S 28	8 47 50	13°22'56	27° 4	4°30	12°55	19°39	7°39	28°41	29° 5	26°21	8°11	21°50	22°57	16° 4	0♒ 2	S 28
M29	8 51 46	14°23'29	8♒57	3°33	14° 9	20° 6	7°45	28°44	29° 3	26°23	8°12	21°37	22°54	16°11	0° 7	M29
T 30	8 55 43	15°24'01	20°48	2°43	15°23	20°33	7°52	28°48	29° 2	26°25	8°14	21°24	22°51	16°17	0°11	T 30
W31	8 59 39	16♒24'31	2♓39	2♒ 0	16♑37	21♑ 0	7♑58	28♈52	29♊ 0	26♒28	8♑16	21♎13	22♎48	16♒24	0♒16	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	
M 1	22s36	15s22	4n58	21s 8	1s23	20s29	1n34	16n24	1n45	12n35	1s 2	8n24	2s27	23n52	0n18	13s51	0s47	23s19	0n 3	9s35	9s30	12s19	14s56	5n52	M 1
T 2	22 28	12 42	4 46	20 38	1 15	20 42	1 32	16 30	1 45	12 36	1 2	8 24	2 27	23 52	0 18	13 50	0 47	23 19	0 3	9 30	9 29	12 17	14 55	5 52	T 2
W 3	22 20	9 32	4 21	20 8	1 5	20 54	1 29	16 36	1 46	12 37	1 1	8 25	2 27	23 52	0 18	13 50	0 47	23 19	0 3	9 26	9 28	12 15	14 55	5 52	W 3
T 4	22 12	5 59	3 45	19 37	0 55	21 6	1 27	16 42	1 46	12 38	1 1	8 26	2 27	23 52	0 18	13 49	0 47	23 19	0 2	9 22	9 26	12 14	14 54	5 51	T 4
F 5	22 3	2 12	2 59	19 5	0 44	21 17	1 24	16 49	1 46	12 39	1 1	8 26	2 26	23 52	0 18	13 48	0 47	23 19	0 2	9 20	9 25	12 12	14 53	5 51	F 5
S 6	21 54	1n43	2 5	18 33	0 32	21 28	1 21	16 55	1 47	12 40	1 0	8 27	2 26	23 52	0 18	13 48	0 47	23 19	0 2	9 19	9 24	12 11	14 52	5 51	S 6
S 7	21 44	5 37	1 4	18 1	0 19	21 38	1 18	17 2	1 47	12 41	1 0	8 28	2 26	23 52	0 18	13 47	0 47	23 19	0 2	9 18	9 23	12 9	14 51	5 51	S 7
M 8	21 34	9 22	0s 1	17 30	0 5	21 48	1 16	17 8	1 47	12 42	1 0	8 29	2 25	23 52	0 18	13 46	0 47	23 19	0 2	9 18	9 22	12 7	14 50	5 51	M 8
T 9	21 24	12 47	1 8	16 59	0n 9	21 57	1 13	17 15	1 47	12 43	1 0	8 30	2 25	23 52	0 18	13 46	0 47	23 19	0 2	9 18	9 21	12 6	14 49	5 51	T 9
W10	21 13	15 41	2 14	16 29	0 25	22 5	1 10	17 22	1 48	12 44	0 59	8 31	2 25	23 52	0 18	13 45	0 47	23 19	0 2	9 17	9 19	12 4	14 48	5 51	W10
T 11	21 1	17 50	3 14	16 1	0 41	22 12	1 7	17 29	1 48	12 45	0 59	8 32	2 24	23 52	0 18	13 44	0 47	23 19	0 2	9 16	9 18	12 2	14 47	5 51	T 11
F 12	20 50	18 57	4 4	15 34	0 58	22 19	1 4	17 35	1 48	12 47	0 59	8 33	2 24	23 52	0 18	13 44	0 47	23 19	0 2	9 14	9 17	12 1	14 47	5 51	F 12
S 13	20 38	18 52	4 41	15 11	1 15	22 26	1 1	17 42	1 48	12 48	0 58	8 34	2 24	23 52	0 18	13 43	0 47	23 19	0 2	9 10	9 16	11 59	14 46	5 51	S 13
S 14	20 25	17 27	4 59	14 50	1 32	22 31	0 58	17 49	1 48	12 50	0 58	8 35	2 23	23 52	0 18	13 42	0 47	23 19	0 2	9 6	9 15	11 58	14 45	5 51	S 14
M15	20 12	14 48	4 56	14 32	1 50	22 36	0 55	17 56	1 49	12 51	0 58	8 36	2 23	23 52	0 18	13 42	0 47	23 19	0 1	9 2	9 13	11 56	14 44	5 51	M15
T 16	19 59	11 8	4 32	14 17	2 7	22 41	0 52	18 3	1 49	12 53	0 57	8 37	2 23	23 52	0 18	13 41	0 47	23 18	0 1	8 58	9 12	11 54	14 43	5 51	T 16
W17	19 46	6 45	3 49	14 6	2 24	22 44	0 49	18 10	1 49	12 55	0 57	8 38	2 23	23 52	0 18	13 40	0 47	23 18	0 1	8 54	9 11	11 53	14 42	5 51	W17
T 18	19 32	2 2	2 51	13 59	2 40	22 47	0 46	18 18	1 49	12 56	0 57	8 39	2 22	23 52	0 18	13 39	0 47	23 18	0 1	8 52	9 10	11 51	14 41	5 51	T 18
F 19	19 17	2s40	1 43	13 56	2 55	22 50	0 43	18 25	1 49	12 58	0 57	8 40	2 22	23 52	0 18	13 39	0 47	23 18	0 1	8 51	9 9	11 50	14 40	5 51	F 19
S 20	19 3	7 5	0 31	13 57	3 8	22 51	0 40	18 32	1 49	13 0	0 56	8 42	2 22	23 52	0 18	13 38	0 47	23 18	0 1	8 50	9 8	11 48	14 39	5 51	S 20
S 21	18 48	10 59	0n41	14 1	3 20	22 52	0 37	18 39	1 49	13 2	0 56	8 43	2 21	23 52	0 18	13 37	0 47	23 18	0 1	8 50	9 6	11 46	14 38	5 51	S 21
M22	18 32	14 14	1 48	14 9	3 29	22 53	0 34	18 46	1 49	13 4	0 56	8 44	2 21	23 52	0 18	13 36	0 47	23 18	0 1	8 50	9 5	11 45	14 37	5 52	M22
T 23	18 17	16 41	2 48	14 20	3 37	22 52	0 31	18 54	1 49	13 6	0 56	8 46	2 21	23 52	0 18	13 36	0 47	23 18	0 1	8 50	9 4	11 43	14 36	5 52	T 23
W24	18 1	18 16	3 38	14 33	3 42	22 51	0 28	19 1	1 49	13 8	0 55	8 47	2 21	23 52	0 18	13 35	0 47	23 18	0 1	8 48	9 3	11 41	14 35	5 52	W24
T 25	17 44	18 58	4 18	14 48	3 45	22 49	0 25	19 8	1 50	13 10	0 55	8 49	2 20	23 52	0 18	13 34	0 47	23 18	0 1	8 46	9 2	11 40	14 34	5 52	T 25
F 26	17 28	18 47	4 45	15 5	3 45	22 47	0 22	19 15	1 50	13 12	0 55	8 50	2 20	23 52	0 18	13 33	0 47	23 18	0 0	8 42	9 0	11 38	14 33	5 52	F 26
S 27	17 11	17 45	4 59	15 23	3 43	22 44	0 19	19 23	1 50	13 14	0 54	8 52	2 20	23 52	0 18	13 33	0 47	23 18	0 0	8 38	8 59	11 37	14 32	5 52	S 27
S 28	16 53	15 57	5 0	15 41	3 39	22 40	0 16	19 30	1 50	13 17	0 54	8 53	2 19	23 52	0 18	13 32	0 47	23 18	0 0	8 33	8 58	11 35	14 31	5 52	S 28
M29	16 36	13 29	4 48	16 0	3 33	22 35	0 13	19 37	1 50	13 19	0 54	8 55	2 19	23 52	0 18	13 31	0 47	23 18	0 0	8 28	8 57	11 33	14 30	5 52	M29
T 30	16 18	10 28	4 23	16 19	3 26	22 30	0 10	19 44	1 50	13 21	0 54	8 56	2 19	23 52	0 18	13 30	0 47	23 18	0 0	8 23	8 56	11 32	14 29	5 52	T 30
W31	16s 0	7s 3	3n47	16s37	3n17	22s24	0n 7	19n51	1n50	13n24	0s53	8n58	2s19	23n52	0n18	13s30	0s47	23s18	0n 0	8s19	8s55	11s30	14s28	5n52	W31

Julian Day Number = 2096534.5, Delta T = 22m13s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'31, Lahiri = 10°18'32 Julian Calendar 1 Jan. 1028 == Greg. Calendar 7 Jan. 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

FEBRUARY 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 3 36	17♒25'00	14♓31	1°R24	17♑51	21♉27	8♉ 5	28♈56	28°R59	26♒30	8♑17	21°R 4	22♎44	16♒31	0♒20	T 1
F 2	9 7 33	18°25'26	26°27	0♒55	19° 5	21°54	8°12	29° 0	28♊57	26°32	8°19	20♎58	22°41	16°38	0°25	F 2
S 3	9 11 29	19°25'51	8♈28	0°34	20°18	22°22	8°19	29° 4	28°56	26°34	8°21	20°55	22°38	16°44	0°30	S 3
S 4	9 15 26	20°26'13	20°39	0°20	21°32	22°49	8°27	29° 9	28°54	26°37	8°22	20°D54	22°35	16°51	0°34	S 4
M 5	9 19 22	21°26'34	3♉ 4	0°D14	22°46	23°17	8°34	29°13	28°53	26°39	8°24	20°55	22°32	16°58	0°39	M 5
T 6	9 23 19	22°26'53	15°47	0°14	24° 0	23°46	8°42	29°18	28°52	26°41	8°25	20°55	22°29	17° 4	0°43	T 6
W 7	9 27 15	23°27'10	28°52	0°21	25°14	24°14	8°49	29°22	28°51	26°43	8°27	20°R55	22°25	17°11	0°47	W 7
T 8	9 31 12	24°27'24	12♊24	0°34	26°28	24°42	8°57	29°27	28°50	26°46	8°29	20°54	22°22	17°18	0°52	T 8
F 9	9 35 8	25°27'37	26°24	0°52	27°42	25°11	9° 5	29°31	28°48	26°48	8°30	20°50	22°19	17°25	0°56	F 9
S 10	9 39 5	26°27'48	10♋52	1°16	28°56	25°40	9°14	29°36	28°47	26°50	8°32	20°44	22°16	17°31	1° 1	S 10
S 11	9 43 2	27°27'56	25°45	1°45	0♒10	26° 9	9°22	29°41	28°46	26°53	8°33	20°37	22°13	17°38	1° 5	S 11
M12	9 46 58	28°28'02	10♌56	2°19	1°23	26°38	9°30	29°46	28°45	26°55	8°34	20°29	22°10	17°45	1° 9	M12
T 13	9 50 55	29°28'06	26°15	2°57	2°37	27° 8	9°39	29°51	28°44	26°57	8°36	20°21	22° 6	17°51	1°14	T 13
W14	9 54 51	0♓28'09	11♍30	3°39	3°51	27°37	9°48	29°56	28°44	26°59	8°37	20°14	22° 3	17°58	1°18	W14
T 15	9 58 48	1°28'09	26°32	4°25	5° 5	28° 7	9°57	0♉ 1	28°43	27° 2	8°39	20°10	22° 0	18° 5	1°22	T 15
F 16	10 2 44	2°28'08	11♎11	5°14	6°19	28°37	10° 6	0° 7	28°42	27° 4	8°40	20° 8	21°57	18°11	1°26	F 16
S 17	10 6 41	3°28'04	25°24	6° 7	7°33	29° 6	10°15	0°12	28°41	27° 6	8°41	20°D 7	21°54	18°18	1°31	S 17
S 18	10 10 37	4°28'00	9♏ 8	7° 3	8°47	29°37	10°24	0°17	28°41	27° 8	8°43	20° 8	21°50	18°25	1°35	S 18
M19	10 14 34	5°27'53	22°24	8° 1	10° 1	0♊ 7	10°33	0°23	28°40	27°11	8°44	20°10	21°47	18°32	1°39	M19
T 20	10 18 30	6°27'45	5♐16	9° 3	11°15	0°37	10°43	0°28	28°40	27°13	8°45	20°R10	21°44	18°38	1°43	T 20
W21	10 22 27	7°27'35	17°48	10° 6	12°29	1° 8	10°52	0°34	28°39	27°15	8°46	20°10	21°41	18°45	1°47	W21
T 22	10 26 24	8°27'24	0♑ 4	11°13	13°43	1°38	11° 2	0°40	28°39	27°17	8°48	20° 7	21°38	18°52	1°51	T 22
F 23	10 30 20	9°27'10	12° 8	12°21	14°57	2° 9	11°12	0°46	28°38	27°20	8°49	20° 3	21°35	18°58	1°55	F 23
S 24	10 34 17	10°26'55	24° 4	13°32	16°11	2°40	11°22	0°51	28°38	27°22	8°50	19°57	21°31	19° 5	1°59	S 24
S 25	10 38 13	11°26'38	5♒56	14°44	17°25	3°11	11°32	0°57	28°38	27°24	8°51	19°50	21°28	19°12	2° 3	S 25
M26	10 42 10	12°26'19	17°46	15°59	18°39	3°42	11°42	1° 3	28°37	27°26	8°52	19°43	21°25	19°19	2° 7	M26
T 27	10 46 6	13°25'58	29°37	17°15	19°53	4°13	11°52	1° 9	28°37	27°29	8°53	19°36	21°22	19°25	2°11	T 27
W28	10 50 3	14°25'35	11♓31	18°33	21° 7	4°44	12° 3	1°15	28°37	27°31	8°54	19°30	21°19	19°32	2°14	W28
T 29	10 53 59	15♓25'10	23♓29	19♒53	22♒21	5♊16	12♉13	1♉22	28♊37	27♒33	8♑56	19♎26	21♎15	19♒39	2♒18	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s42	3s20	3n 1	16s55	3n 7	22s18	0n 4	19n59	1n50	13n26	0s53	9n 0	2s18	23n52	0n18	13s29	0s47	23s18	0s 0	8s16	8s53	11s28	14s26	5n52
F 2	15 23	0n31	2 7	17 12	2 56	22 11	0 1	20 6	1 50	13 29	0 53	9 1	2 18	23 52	0 18	13 28	0 47	23 18	0 0	8 13	8 52	11 27	14 25	5 53
S 3	15 4	4 23	1 6	17 28	2 44	22 3	0s 2	20 13	1 50	13 31	0 53	9 3	2 18	23 52	0 18	13 27	0 47	23 18	0 0	8 12	8 51	11 25	14 24	5 53
S 4	14 45	8 8	0 1	17 43	2 32	21 54	0 4	20 20	1 49	13 34	0 52	9 5	2 18	23 52	0 18	13 27	0 47	23 18	0 0	8 12	8 50	11 23	14 23	5 53
M 5	14 26	11 35	1s 5	17 56	2 19	21 45	0 7	20 27	1 49	13 37	0 52	9 7	2 17	23 52	0 18	13 26	0 47	23 18	0 0	8 12	8 49	11 22	14 22	5 53
T 6	14 6	14 35	2 9	18 9	2 6	21 35	0 10	20 34	1 49	13 39	0 52	9 9	2 17	23 52	0 18	13 25	0 47	23 18	0 1	8 12	8 47	11 20	14 21	5 53
W 7	13 46	16 56	3 9	18 20	1 53	21 25	0 13	20 41	1 49	13 42	0 52	9 10	2 17	23 52	0 18	13 24	0 47	23 18	0 1	8 12	8 46	11 18	14 20	5 53
T 8	13 26	18 26	4 0	18 30	1 40	21 14	0 16	20 49	1 49	13 45	0 51	9 12	2 17	23 52	0 18	13 23	0 47	23 18	0 1	8 12	8 45	11 17	14 19	5 53
F 9	13 6	18 52	4 39	18 39	1 27	21 2	0 18	20 55	1 49	13 48	0 51	9 14	2 16	23 51	0 18	13 23	0 47	23 18	0 1	8 10	8 44	11 15	14 18	5 54
S 10	12 46	18 6	5 2	18 46	1 15	20 49	0 21	21 2	1 49	13 50	0 51	9 16	2 16	23 51	0 18	13 22	0 47	23 18	0 1	8 8	8 43	11 14	14 17	5 54
S 11	12 25	16 6	5 5	18 52	1 2	20 37	0 24	21 9	1 49	13 53	0 51	9 18	2 16	23 51	0 18	13 21	0 47	23 18	0 1	8 5	8 42	11 12	14 16	5 54
M12	12 4	12 58	4 47	18 56	0 50	20 23	0 26	21 16	1 49	13 56	0 50	9 20	2 16	23 51	0 18	13 20	0 47	23 18	0 1	8 2	8 40	11 10	14 15	5 54
T 13	11 43	8 56	4 9	18 59	0 38	20 9	0 29	21 23	1 49	13 59	0 50	9 22	2 15	23 51	0 18	13 20	0 47	23 18	0 1	7 59	8 39	11 9	14 14	5 54
W14	11 22	4 19	3 13	19 1	0 26	19 54	0 32	21 30	1 49	14 2	0 50	9 24	2 15	23 51	0 18	13 19	0 47	23 18	0 1	7 57	8 38	11 7	14 12	5 54
T 15	11 0	0s30	2 4	19 1	0 15	19 39	0 34	21 36	1 49	14 5	0 50	9 26	2 15	23 51	0 18	13 18	0 47	23 18	0 1	7 55	8 37	11 5	14 11	5 55
F 16	10 39	5 11	0 48	19 0	0 4	19 23	0 37	21 43	1 48	14 8	0 50	9 28	2 15	23 51	0 18	13 17	0 47	23 18	0 1	7 54	8 36	11 4	14 10	5 55
S 17	10 17	9 26	0n28	18 57	0s 7	19 6	0 39	21 49	1 48	14 11	0 49	9 30	2 14	23 51	0 18	13 17	0 47	23 18	0 2	7 54	8 34	11 2	14 9	5 55
S 18	9 55	13 1	1 41	18 53	0 18	18 49	0 41	21 56	1 48	14 14	0 49	9 32	2 14	23 51	0 18	13 16	0 47	23 18	0 2	7 55	8 33	11 0	14 8	5 55
M19	9 33	15 48	2 46	18 48	0 27	18 32	0 44	22 2	1 48	14 18	0 49	9 34	2 14	23 51	0 18	13 15	0 47	23 18	0 2	7 55	8 32	10 59	14 7	5 55
T 20	9 11	17 41	3 40	18 41	0 37	18 14	0 46	22 9	1 48	14 21	0 49	9 37	2 14	23 51	0 18	13 14	0 47	23 18	0 2	7 55	8 31	10 57	14 6	5 56
W21	8 49	18 39	4 22	18 33	0 46	17 55	0 48	22 15	1 48	14 24	0 48	9 39	2 14	23 51	0 18	13 13	0 47	23 18	0 2	7 55	8 30	10 55	14 5	5 56
T 22	8 26	18 43	4 51	18 23	0 55	17 36	0 51	22 21	1 48	14 27	0 48	9 41	2 13	23 51	0 18	13 13	0 47	23 18	0 2	7 54	8 28	10 54	14 4	5 56
F 23	8 4	17 55	5 7	18 12	1 3	17 17	0 53	22 27	1 48	14 30	0 48	9 43	2 13	23 51	0 18	13 12	0 47	23 18	0 2	7 53	8 27	10 52	14 3	5 56
S 24	7 41	16 20	5 9	17 59	1 11	16 56	0 55	22 33	1 47	14 34	0 48	9 45	2 13	23 51	0 18	13 11	0 47	23 18	0 2	7 50	8 26	10 50	14 1	5 57
S 25	7 19	14 5	4 58	17 45	1 19	16 36	0 57	22 39	1 47	14 37	0 48	9 48	2 13	23 51	0 18	13 10	0 47	23 18	0 2	7 48	8 25	10 49	14 0	5 57
M26	6 56	11 14	4 34	17 30	1 26	16 15	0 59	22 45	1 47	14 40	0 47	9 50	2 12	23 51	0 18	13 10	0 47	23 18	0 2	7 45	8 24	10 47	13 59	5 57
T 27	6 33	7 57	3 58	17 13	1 33	15 53	1 1	22 51	1 47	14 44	0 47	9 52	2 12	23 51	0 18	13 9	0 47	23 18	0 2	7 42	8 22	10 45	13 58	5 57
W28	6 10	4 20	3 12	16 55	1 39	15 32	1 3	22 57	1 47	14 47	0 47	9 55	2 12	23 51	0 18	13 8	0 47	23 18	0 3	7 40	8 21	10 44	13 57	5 58
T 29	5s47	0s31	2n17	16s35	1s45	15s 9	1s 5	23n 2	1n47	14n50	0s47	9n57	2s12	23n51	0n18	13s 7	0s47	23s18	0s 3	7s38	8s20	10s42	13s56	5n58

Julian Day Number = 2096565.5, Delta T = 22m13s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'35, Lahiri = 10°18'36 Julian Calendar 1 Feb. 1028 == Greg. Calendar 7 Feb. 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

MARCH 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 57 56	16♓24'43	5♈34	21♒15	23♒34	5♊47	12♉24	1♉28	28°D37	27♒35	8♑57	19°R23	21♎12	19♒45	2♒22	F 1
S 2	11 1 53	17°24'13	17°46	22°38	24°48	6°19	12°34	1°34	28♊37	27°37	8°58	19°D22	21° 9	19°52	2°25	S 2
S 3	11 5 49	18°23'42	0♉ 8	24° 2	26° 2	6°51	12°45	1°40	28°37	27°40	8°58	19♎22	21° 6	19°59	2°29	S 3
M 4	11 9 46	19°23'08	12°42	25°29	27°16	7°23	12°56	1°47	28°37	27°42	8°59	19°24	21° 3	20° 5	2°33	M 4
T 5	11 13 42	20°22'32	25°32	26°56	28°30	7°55	13° 7	1°53	28°37	27°44	9° 0	19°25	21° 0	20°12	2°36	T 5
W 6	11 17 39	21°21'54	8♊39	28°26	29°44	8°27	13°18	2° 0	28°38	27°46	9° 1	19°27	20°56	20°19	2°40	W 6
T 7	11 21 35	22°21'13	22° 8	29°56	0♓58	8°59	13°29	2° 6	28°38	27°48	9° 2	19°R27	20°53	20°26	2°43	T 7
F 8	11 25 32	23°20'30	5♋58	1♓28	2°12	9°31	13°41	2°13	28°38	27°50	9° 3	19°27	20°50	20°32	2°47	F 8
S 9	11 29 28	24°19'45	20°12	3° 2	3°26	10° 3	13°52	2°20	28°39	27°52	9° 4	19°25	20°47	20°39	2°50	S 9
S 10	11 33 25	25°18'57	4♌46	4°37	4°40	10°36	14° 3	2°26	28°39	27°54	9° 4	19°22	20°44	20°46	2°53	S 10
M11	11 37 22	26°18'06	19°36	6°13	5°54	11° 8	14°15	2°33	28°40	27°56	9° 5	19°19	20°41	20°52	2°57	M11
T 12	11 41 18	27°17'14	4♍36	7°51	7° 8	11°41	14°26	2°40	28°40	27°58	9° 6	19°16	20°37	20°59	3° 0	T 12
W13	11 45 15	28°16'19	19°37	9°31	8°21	12°13	14°38	2°47	28°41	28° 0	9° 7	19°14	20°34	21° 6	3° 3	W13
T 14	11 49 11	29°15'22	4♎31	11°11	9°35	12°46	14°50	2°54	28°42	28° 3	9° 7	19°12	20°31	21°13	3° 6	T 14
F 15	11 53 8	0♈14'23	19° 8	12°53	10°49	13°19	15° 2	3° 1	28°42	28° 5	9° 8	19°D12	20°28	21°19	3° 9	F 15
S 16	11 57 4	1°13'22	3♏24	14°37	12° 3	13°52	15°14	3° 8	28°43	28° 6	9° 8	19°12	20°25	21°26	3°12	S 16
S 17	12 1 1	2°12'19	17°14	16°22	13°17	14°25	15°26	3°15	28°44	28° 8	9° 9	19°13	20°21	21°33	3°15	S 17
M18	12 4 57	3°11'14	0♐39	18° 8	14°31	14°58	15°38	3°22	28°45	28°10	9° 9	19°15	20°18	21°39	3°18	M18
T 19	12 8 54	4°10'08	13°38	19°56	15°45	15°31	15°50	3°29	28°46	28°12	9°10	19°16	20°15	21°46	3°21	T 19
W20	12 12 50	5° 9'00	26°16	21°46	16°59	16° 4	16° 2	3°36	28°47	28°14	9°10	19°17	20°12	21°53	3°24	W20
T 21	12 16 47	6° 7'50	8♑35	23°37	18°12	16°37	16°14	3°43	28°48	28°16	9°11	19°R17	20° 9	21°59	3°26	T 21
F 22	12 20 44	7° 6'38	20°40	25°29	19°26	17°11	16°27	3°50	28°49	28°18	9°11	19°16	20° 6	22° 6	3°29	F 22
S 23	12 24 40	8° 5'24	2♒36	27°23	20°40	17°44	16°39	3°58	28°50	28°20	9°12	19°15	20° 2	22°13	3°32	S 23
S 24	12 28 37	9° 4'09	14°28	29°19	21°54	18°18	16°51	4° 5	28°51	28°22	9°12	19°14	19°59	22°20	3°34	S 24
M25	12 32 33	10° 2'52	26°18	1♈16	23° 8	18°51	17° 4	4°12	28°52	28°24	9°12	19°13	19°56	22°26	3°37	M25
T 26	12 36 30	11° 1'33	8♓11	3°14	24°22	19°25	17°17	4°19	28°54	28°25	9°13	19°12	19°53	22°33	3°39	T 26
W27	12 40 26	12° 0'12	20°10	5°14	25°36	19°58	17°29	4°27	28°55	28°27	9°13	19°11	19°50	22°40	3°42	W27
T 28	12 44 23	12°58'49	2♈16	7°15	26°49	20°32	17°42	4°34	28°56	28°29	9°13	19°10	19°46	22°46	3°44	T 28
F 29	12 48 19	13°57'24	14°32	9°18	28° 3	21° 6	17°55	4°42	28°58	28°31	9°13	19°D10	19°43	22°53	3°47	F 29
S 30	12 52 16	14°55'58	26°59	11°22	29°17	21°40	18° 7	4°49	28°59	28°32	9°14	19°10	19°40	23° 0	3°49	S 30
S 31	12 56 13	15♈54'29	9♉39	13♈27	0♈31	22♊13	18♉20	4♉57	29♊ 1	28♒34	9♑14	19♎10	19♎37	23♒ 6	3♒51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s23	3n22	1n15	16s14	1s50	14s46	1s 6	23n 8	1n46	14n54	0s47	9n59	2s12	23n51	0n18	13s 7	0s47	23s18	0s 3	7s37	8s19	10s40	13s55	5n58
S 2	5 0	7 8	0 9	15 51	1 55	14 23	1 8	23 13	1 46	14 57	0 46	10 2	2 11	23 51	0 18	13 6	0 47	23 18	0 3	7 37	8 18	10 39	13 54	5 58
S 3	4 37	10 40	0s59	15 27	2 0	14 0	1 10	23 18	1 46	15 1	0 46	10 4	2 11	23 51	0 18	13 5	0 47	23 18	0 3	7 37	8 16	10 37	13 53	5 59
M 4	4 13	13 45	2 4	15 2	2 4	13 36	1 11	23 24	1 46	15 4	0 46	10 6	2 11	23 51	0 18	13 4	0 47	23 18	0 3	7 38	8 15	10 35	13 52	5 59
T 5	3 50	16 14	3 5	14 35	2 8	13 12	1 13	23 29	1 46	15 8	0 46	10 9	2 11	23 51	0 18	13 4	0 47	23 18	0 3	7 38	8 14	10 34	13 51	5 59
W 6	3 26	17 56	3 58	14 7	2 11	12 47	1 14	23 34	1 45	15 11	0 46	10 11	2 11	23 51	0 18	13 3	0 47	23 19	0 3	7 39	8 13	10 32	13 50	6 0
T 7	3 3	18 41	4 39	13 38	2 14	12 22	1 16	23 39	1 45	15 15	0 45	10 13	2 11	23 51	0 18	13 2	0 47	23 19	0 3	7 39	8 12	10 30	13 49	6 0
F 8	2 39	18 20	5 6	13 7	2 16	11 57	1 17	23 43	1 45	15 18	0 45	10 16	2 10	23 51	0 18	13 2	0 47	23 19	0 3	7 39	8 10	10 29	13 47	6 0
S 9	2 16	16 51	5 14	12 35	2 18	11 31	1 18	23 48	1 45	15 22	0 45	10 18	2 10	23 51	0 18	13 1	0 47	23 19	0 4	7 38	8 9	10 27	13 46	6 1
S 10	1 52	14 16	5 3	12 1	2 19	11 5	1 20	23 53	1 45	15 26	0 45	10 21	2 10	23 51	0 18	13 0	0 47	23 19	0 4	7 37	8 8	10 25	13 45	6 1
M11	1 29	10 43	4 32	11 26	2 20	10 39	1 21	23 57	1 44	15 29	0 45	10 23	2 10	23 51	0 18	13 0	0 47	23 19	0 4	7 36	8 7	10 24	13 44	6 1
T 12	1 5	6 26	3 42	10 50	2 20	10 12	1 22	24 1	1 44	15 33	0 44	10 26	2 10	23 51	0 18	12 59	0 47	23 19	0 4	7 35	8 6	10 22	13 43	6 2
W13	0 41	1 44	2 36	10 13	2 20	9 45	1 23	24 6	1 44	15 36	0 44	10 28	2 10	23 51	0 18	12 58	0 47	23 19	0 4	7 34	8 4	10 20	13 42	6 2
T 14	0 18	3s 2	1 20	9 34	2 20	9 18	1 24	24 10	1 44	15 40	0 44	10 31	2 9	23 51	0 18	12 57	0 47	23 19	0 4	7 33	8 3	10 18	13 41	6 2
F 15	0n 6	7 32	0 0	8 53	2 19	8 51	1 25	24 14	1 44	15 44	0 44	10 33	2 9	23 51	0 18	12 57	0 47	23 19	0 4	7 33	8 2	10 17	13 40	6 3
S 16	0 29	11 30	1n18	8 12	2 17	8 24	1 25	24 17	1 43	15 47	0 44	10 36	2 9	23 51	0 18	12 56	0 48	23 19	0 4	7 33	8 1	10 15	13 39	6 3
S 17	0 53	14 41	2 29	7 29	2 15	7 56	1 26	24 21	1 43	15 51	0 44	10 38	2 9	23 51	0 18	12 55	0 48	23 19	0 4	7 34	8 0	10 13	13 38	6 3
M18	1 16	16 58	3 30	6 45	2 13	7 28	1 27	24 25	1 43	15 55	0 43	10 41	2 9	23 51	0 18	12 55	0 48	23 19	0 4	7 34	7 58	10 12	13 37	6 4
T 19	1 40	18 18	4 17	6 0	2 10	7 0	1 28	24 28	1 43	15 58	0 43	10 43	2 9	23 51	0 18	12 54	0 48	23 19	0 4	7 35	7 57	10 10	13 36	6 4
W20	2 3	18 39	4 51	5 13	2 6	6 31	1 28	24 32	1 42	16 2	0 43	10 46	2 9	23 51	0 18	12 53	0 48	23 19	0 5	7 35	7 56	10 8	13 35	6 4
T 21	2 27	18 7	5 11	4 25	2 2	6 3	1 29	24 35	1 42	16 6	0 43	10 49	2 8	23 51	0 18	12 53	0 48	23 19	0 5	7 35	7 55	10 7	13 34	6 5
F 22	2 50	16 45	5 16	3 36	1 58	5 34	1 29	24 38	1 42	16 9	0 43	10 51	2 8	23 51	0 18	12 52	0 48	23 19	0 5	7 35	7 54	10 5	13 33	6 5
S 23	3 14	14 41	5 8	2 46	1 53	5 5	1 29	24 41	1 42	16 13	0 43	10 54	2 8	23 51	0 18	12 52	0 48	23 19	0 5	7 35	7 52	10 3	13 32	6 5
S 24	3 37	12 0	4 47	1 54	1 47	4 36	1 30	24 44	1 41	16 17	0 42	10 56	2 8	23 51	0 18	12 51	0 48	23 19	0 5	7 34	7 51	10 2	13 31	6 6
M25	4 0	8 51	4 13	1 2	1 41	4 7	1 30	24 46	1 41	16 21	0 42	10 59	2 8	23 51	0 18	12 50	0 48	23 20	0 5	7 34	7 50	10 0	13 30	6 6
T 26	4 23	5 20	3 28	0 9	1 34	3 38	1 30	24 49	1 41	16 24	0 42	11 1	2 8	23 51	0 18	12 50	0 48	23 20	0 5	7 33	7 49	9 58	13 30	6 6
W27	4 46	1 34	2 34	0n46	1 27	3 8	1 30	24 51	1 41	16 28	0 42	11 4	2 8	23 51	0 18	12 49	0 48	23 20	0 5	7 33	7 48	9 56	13 29	6 7
T 28	5 9	2n19	1 32	1 41	1 19	2 39	1 30	24 54	1 40	16 32	0 42	11 7	2 8	23 51	0 18	12 49	0 48	23 20	0 5	7 32	7 46	9 55	13 28	6 7
F 29	5 32	6 9	0 26	2 37	1 11	2 9	1 30	24 56	1 40	16 35	0 42	11 9	2 7	23 51	0 18	12 48	0 48	23 20	0 5	7 32	7 45	9 53	13 27	6 8
S 30	5 55	9 47	0s43	3 33	1 3	1 40	1 30	24 58	1 40	16 39	0 41	11 12	2 7	23 51	0 18	12 47	0 48	23 20	0 6	7 32	7 44	9 51	13 26	6 8
S 31	6n17	13n 1	1s51	4n30	0s54	1s10	1s30	25n 0	1n40	16n43	0s41	11n14	2s 7	23n51	0n18	12s47	0s48	23s20	0s 6	7s32	7s43	9s50	13s25	6n 8

Julian Day Number = 2096594.5, Delta T = 22m13s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'39, Lahiri = 10°18'40 Julian Calendar 1 March 1028 == Greg. Calendar 7 March 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

APRIL 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	13 0 9	16♈52'58	22♉32	15♈33	1♈45	22♊47	18♉33	5♉ 4	29♊ 3	28♒36	9♑14	19♎10	19♎34	23♒13	3♒53	M 1
T 2	13 4 6	17°51'26	5♊39	17°40	2°59	23°21	18°46	5°12	29° 4	28°37	9°14	19°10	19°31	23°20	3°55	T 2
W 3	13 8 2	18°49'51	19° 0	19°47	4°12	23°55	18°59	5°19	29° 6	28°39	9°14	19°R10	19°27	23°27	3°57	W 3
T 4	13 11 59	19°48'14	2♋36	21°56	5°26	24°30	19°12	5°27	29° 8	28°41	9°14	19°10	19°24	23°33	3°59	T 4
F 5	13 15 55	20°46'35	16°28	24° 4	6°40	25° 4	19°25	5°34	29° 9	28°42	9°R14	19°D10	19°21	23°40	4° 1	F 5
S 6	13 19 52	21°44'54	0♌33	26°13	7°54	25°38	19°39	5°42	29°11	28°44	9°14	19°10	19°18	23°47	4° 3	S 6
S 7	13 23 48	22°43'10	14°51	28°21	9° 7	26°12	19°52	5°50	29°13	28°45	9°14	19°11	19°15	23°53	4° 5	S 7
M 8	13 27 45	23°41'25	29°19	0♍29	10°21	26°47	20° 5	5°57	29°15	28°47	9°14	19°11	19°12	24° 0	4° 6	M 8
T 9	13 31 41	24°39'37	13♍53	2°36	11°35	27°21	20°18	6° 5	29°17	28°48	9°14	19°11	19° 8	24° 7	4° 8	T 9
W10	13 35 38	25°37'47	28°29	4°42	12°49	27°55	20°32	6°13	29°19	28°50	9°14	19°12	19° 5	24°13	4° 9	W10
T 11	13 39 35	26°35'55	12♎59	6°46	14° 2	28°30	20°45	6°20	29°21	28°51	9°13	19°R12	19° 2	24°20	4°11	T 11
F 12	13 43 31	27°34'02	27°20	8°49	15°16	29° 4	20°58	6°28	29°23	28°53	9°13	19°12	18°59	24°27	4°12	F 12
S 13	13 47 28	28°32'07	11♏24	10°50	16°30	29°39	21°12	6°36	29°25	28°54	9°13	19°12	18°56	24°33	4°14	S 13
S 14	13 51 24	29°30'10	25°10	12°48	17°44	0♋13	21°25	6°44	29°27	28°55	9°13	19°11	18°52	24°40	4°15	S 14
M15	13 55 21	0♑28'12	8♐33	14°45	18°57	0°48	21°39	6°51	29°30	28°57	9°12	19° 9	18°49	24°47	4°16	M15
T 16	13 59 17	1°26'12	21°35	16°38	20°11	1°23	21°52	6°59	29°32	28°58	9°12	19° 8	18°46	24°54	4°18	T 16
W17	14 3 14	2°24'11	4♑16	18°28	21°25	1°57	22° 6	7° 7	29°34	28°59	9°12	19° 6	18°43	25° 0	4°19	W17
T 18	14 7 10	3°22'08	16°38	20°16	22°38	2°32	22°20	7°15	29°37	29° 0	9°11	19° 5	18°40	25° 7	4°20	T 18
F 19	14 11 7	4°20'04	28°46	22° 0	23°52	3° 7	22°33	7°22	29°39	29° 2	9°11	19° 4	18°37	25°14	4°21	F 19
S 20	14 15 4	5°17'59	10♒44	23°41	25° 6	3°42	22°47	7°30	29°41	29° 3	9°11	19°D 4	18°33	25°20	4°22	S 20
S 21	14 19 0	6°15'52	22°36	25°19	26°20	4°17	23° 1	7°38	29°44	29° 4	9°10	19° 5	18°30	25°27	4°23	S 21
M22	14 22 57	7°13'44	4♓27	26°53	27°33	4°52	23°14	7°46	29°46	29° 5	9°10	19° 6	18°27	25°34	4°23	M22
T 23	14 26 53	8°11'35	16°22	28°23	28°47	5°27	23°28	7°53	29°49	29° 6	9° 9	19° 8	18°24	25°40	4°24	T 23
W24	14 30 50	9° 9'24	28°25	29°50	0♉ 1	6° 2	23°42	8° 1	29°51	29° 7	9° 9	19° 9	18°21	25°47	4°25	W24
T 25	14 34 46	10° 7'12	10♈39	1♊13	1°14	6°37	23°56	8° 9	29°54	29° 8	9° 8	19°10	18°18	25°54	4°25	T 25
F 26	14 38 43	11° 4'59	23° 7	2°33	2°28	7°12	24° 9	8°17	29°57	29° 9	9° 7	19°R10	18°14	26° 1	4°26	F 26
S 27	14 42 39	12° 2'44	5♉51	3°48	3°42	7°47	24°23	8°25	29°59	29°10	9° 7	19° 9	18°11	26° 7	4°26	S 27
S 28	14 46 36	13° 0'28	18°51	5° 0	4°55	8°22	24°37	8°32	0♋ 2	29°11	9° 6	19° 7	18° 8	26°14	4°27	S 28
M29	14 50 33	13°58'11	2♊ 8	6° 8	6° 9	8°57	24°51	8°40	0° 5	29°12	9° 5	19° 4	18° 5	26°21	4°27	M29
T 30	14 54 29	14♉55'52	15♊39	7♊12	7♉23	9♋33	25♉ 5	8♉48	0♋ 7	29♒13	9♑ 5	19♎ 1	18♎ 2	26♒27	4♒27	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n40	15n41	2s55	5n28	0s44	0s40	1s29	25n 1	1n39	16n47	0s41	11n17	2s 7	23n51	0n18	12s46	0s48	23s20	0s 6	7s33	7s42	9s48	13s24	6n 9
T 2	7 2	17 35	3 50	6 26	0 35	0 10	1 29	25 3	1 39	16 50	0 41	11 20	2 7	23 51	0 18	12 46	0 48	23 20	0 6	7 33	7 40	9 46	13 23	6 9
W 3	7 25	18 33	4 35	7 24	0 25	0n19	1 29	25 4	1 39	16 54	0 41	11 22	2 7	23 51	0 18	12 45	0 48	23 20	0 6	7 33	7 39	9 44	13 22	6 10
T 4	7 47	18 28	5 4	8 22	0 14	0 49	1 28	25 5	1 39	16 58	0 41	11 25	2 7	23 51	0 18	12 45	0 48	23 20	0 6	7 33	7 38	9 43	13 22	6 10
F 5	8 9	17 18	5 17	9 19	0 4	1 19	1 28	25 7	1 38	17 1	0 41	11 27	2 7	23 51	0 18	12 44	0 48	23 20	0 6	7 33	7 37	9 41	13 21	6 10
S 6	8 31	15 4	5 11	10 17	0n 7	1 49	1 27	25 7	1 38	17 5	0 40	11 30	2 7	23 51	0 18	12 44	0 48	23 21	0 6	7 33	7 36	9 39	13 20	6 11
S 7	8 53	11 54	4 46	11 13	0 18	2 19	1 27	25 8	1 38	17 9	0 40	11 33	2 7	23 51	0 18	12 43	0 48	23 21	0 6	7 33	7 34	9 38	13 19	6 11
M 8	9 15	7 59	4 3	12 9	0 29	2 48	1 26	25 9	1 38	17 13	0 40	11 35	2 6	23 51	0 18	12 43	0 48	23 21	0 6	7 33	7 33	9 36	13 18	6 12
T 9	9 36	3 33	3 4	13 3	0 39	3 18	1 25	25 9	1 37	17 16	0 40	11 38	2 6	23 51	0 18	12 42	0 48	23 21	0 7	7 33	7 32	9 34	13 18	6 12
W10	9 57	1s 7	1 53	13 56	0 50	3 48	1 24	25 10	1 37	17 20	0 40	11 40	2 6	23 51	0 18	12 42	0 48	23 21	0 7	7 33	7 31	9 32	13 17	6 13
T 11	10 19	5 41	0 34	14 48	1 0	4 17	1 23	25 10	1 37	17 24	0 40	11 43	2 6	23 51	0 18	12 41	0 48	23 21	0 7	7 33	7 29	9 31	13 16	6 13
F 12	10 40	9 53	0n45	15 37	1 10	4 47	1 22	25 10	1 36	17 27	0 40	11 46	2 6	23 51	0 18	12 41	0 48	23 21	0 7	7 33	7 28	9 29	13 15	6 13
S 13	11 1	13 26	2 0	16 25	1 20	5 16	1 21	25 10	1 36	17 31	0 40	11 48	2 6	23 51	0 18	12 40	0 48	23 21	0 7	7 33	7 27	9 27	13 15	6 14
S 14	11 21	16 8	3 6	17 11	1 29	5 45	1 20	25 10	1 36	17 35	0 39	11 51	2 6	23 51	0 18	12 40	0 48	23 21	0 7	7 33	7 26	9 26	13 14	6 14
M15	11 42	17 53	4 1	17 54	1 38	6 14	1 19	25 9	1 36	17 38	0 39	11 53	2 6	23 51	0 18	12 39	0 48	23 22	0 7	7 32	7 25	9 24	13 13	6 15
T 16	12 2	18 37	4 41	18 36	1 46	6 43	1 18	25 9	1 35	17 42	0 39	11 56	2 6	23 51	0 18	12 39	0 48	23 22	0 7	7 32	7 23	9 22	13 13	6 15
W17	12 22	18 24	5 6	19 14	1 54	7 12	1 17	25 8	1 35	17 46	0 39	11 59	2 6	23 51	0 18	12 39	0 48	23 22	0 7	7 31	7 22	9 20	13 12	6 15
T 18	12 42	17 18	5 16	19 51	2 1	7 41	1 16	25 7	1 35	17 49	0 39	12 1	2 6	23 51	0 18	12 38	0 48	23 22	0 7	7 31	7 21	9 19	13 11	6 16
F 19	13 2	15 25	5 12	20 25	2 7	8 10	1 14	25 6	1 34	17 53	0 39	12 4	2 6	23 51	0 18	12 38	0 49	23 22	0 7	7 30	7 20	9 17	13 11	6 16
S 20	13 21	12 55	4 54	20 56	2 13	8 38	1 13	25 5	1 34	17 56	0 39	12 6	2 6	23 51	0 18	12 37	0 49	23 22	0 8	7 30	7 19	9 15	13 10	6 17
S 21	13 41	9 53	4 24	21 25	2 17	9 6	1 11	25 3	1 34	18 0	0 39	12 9	2 6	23 51	0 18	12 37	0 49	23 22	0 8	7 31	7 17	9 14	13 9	6 17
M22	14 0	6 28	3 43	21 51	2 21	9 34	1 10	25 2	1 34	18 3	0 38	12 11	2 6	23 51	0 18	12 37	0 49	23 22	0 8	7 31	7 16	9 12	13 9	6 18
T 23	14 19	2 46	2 51	22 15	2 25	10 2	1 8	25 0	1 33	18 7	0 38	12 14	2 6	23 51	0 18	12 36	0 49	23 23	0 8	7 32	7 15	9 10	13 8	6 18
W24	14 37	1n 5	1 52	22 37	2 27	10 29	1 7	24 58	1 33	18 11	0 38	12 16	2 6	23 51	0 18	12 36	0 49	23 23	0 8	7 32	7 14	9 8	13 8	6 19
T 25	14 56	4 57	0 47	22 56	2 28	10 57	1 5	24 56	1 33	18 14	0 38	12 19	2 6	23 51	0 18	12 36	0 49	23 23	0 8	7 33	7 12	9 7	13 7	6 19
F 26	15 14	8 42	0s22	23 12	2 29	11 24	1 4	24 54	1 32	18 18	0 38	12 22	2 5	23 51	0 18	12 35	0 49	23 23	0 8	7 33	7 11	9 5	13 6	6 19
S 27	15 32	12 7	1 31	23 27	2 28	11 51	1 2	24 52	1 32	18 21	0 38	12 24	2 5	23 51	0 18	12 35	0 49	23 23	0 8	7 32	7 10	9 3	13 6	6 20
S 28	15 49	15 1	2 36	23 39	2 27	12 17	1 0	24 49	1 32	18 25	0 38	12 27	2 5	23 51	0 18	12 35	0 49	23 23	0 8	7 32	7 9	9 1	13 5	6 20
M29	16 7	17 11	3 35	23 49	2 25	12 43	0 58	24 47	1 31	18 28	0 38	12 29	2 5	23 51	0 18	12 34	0 49	23 23	0 8	7 30	7 8	9 0	13 5	6 21
T 30	16n24	18n27	4s22	23n57	2n22	13n 9	0s56	24n44	1n31	18n32	0s38	12n32	2s 5	23n51	0n18	12s34	0s49	23s24	0s 9	7s29	7s 6	8s58	13s 4	6n21

Julian Day Number = 2096625.5, Delta T = 22m12s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'44, Lahiri = 10°18'44 Julian Calendar 1 Apr. 1028 == Greg. Calendar 7 Apr. 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

MAY 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 58 26	15♉53'32	29♊24	8♊12	8♉37	10♋ 8	25♉19	8♉56	0♋10	29♒14	9°R 4	18°R57	17♎58	26♒34	4♒28	W 1
T 2	15 2 22	16°51'11	13♋19	9° 7	9°50	10°43	25°33	9° 3	0°13	29°15	9♉ 3	18♎53	17°55	26°41	4°28	T 2
F 3	15 6 19	17°48'47	27°22	9°59	11° 4	11°19	25°46	9°11	0°16	29°15	9° 3	18°51	17°52	26°47	4°R28	F 3
S 4	15 10 15	18°46'23	11♌30	10°46	12°18	11°54	26° 0	9°19	0°19	29°16	9° 2	18°49	17°49	26°54	4°28	S 4
S 5	15 14 12	19°43'56	25°42	11°30	13°31	12°29	26°14	9°26	0°22	29°17	9° 1	18°D49	17°46	27° 1	4°28	S 5
M 6	15 18 8	20°41'28	9♍55	12° 8	14°45	13° 5	26°28	9°34	0°25	29°18	9° 0	18°50	17°43	27° 7	4°28	M 6
T 7	15 22 5	21°38'59	24° 7	12°43	15°59	13°40	26°42	9°42	0°28	29°18	8°59	18°52	17°39	27°14	4°27	T 7
W 8	15 26 2	22°36'28	8♎16	13°12	17°12	14°16	26°56	9°49	0°31	29°19	8°58	18°53	17°36	27°21	4°27	W 8
T 9	15 29 58	23°33'56	22°19	13°37	18°26	14°52	27°10	9°57	0°34	29°19	8°57	18°R53	17°33	27°28	4°27	T 9
F 10	15 33 55	24°31'23	6♏14	13°58	19°39	15°27	27°24	10° 5	0°37	29°20	8°57	18°52	17°30	27°34	4°26	F 10
S 11	15 37 51	25°28'49	19°57	14°14	20°53	16° 3	27°38	10°12	0°40	29°20	8°56	18°49	17°27	27°41	4°26	S 11
S 12	15 41 48	26°26'13	3♐26	14°25	22° 7	16°38	27°52	10°20	0°43	29°21	8°55	18°45	17°23	27°48	4°25	S 12
M13	15 45 44	27°23'37	16°39	14°32	23°20	17°14	28° 6	10°27	0°46	29°21	8°54	18°39	17°20	27°54	4°25	M13
T 14	15 49 41	28°21'00	29°34	14°R34	24°34	17°50	28°20	10°35	0°49	29°22	8°53	18°32	17°17	28° 1	4°24	T 14
W15	15 53 37	29°18'22	12♑12	14°31	25°48	18°26	28°34	10°43	0°53	29°22	8°52	18°26	17°14	28° 8	4°23	W15
T 16	15 57 34	0♊15'43	24°33	14°24	27° 1	19° 1	28°48	10°50	0°56	29°23	8°51	18°20	17°11	28°14	4°23	T 16
F 17	16 1 31	1°13'03	6♒41	14°13	28°15	19°37	29° 2	10°58	0°59	29°23	8°49	18°15	17° 8	28°21	4°22	F 17
S 18	16 5 27	2°10'23	18°39	13°58	29°29	20°13	29°16	11° 5	1° 2	29°23	8°48	18°12	17° 4	28°28	4°21	S 18
S 19	16 9 24	3° 7'43	0♓31	13°39	0♊42	20°49	29°29	11°12	1° 6	29°24	8°47	18°D11	17° 1	28°34	4°20	S 19
M20	16 13 20	4° 5'02	12°23	13°16	1°56	21°25	29°43	11°20	1° 9	29°24	8°46	18°11	16°58	28°41	4°19	M20
T 21	16 17 17	5° 2'20	24°18	12°51	3°10	22° 1	29°57	11°27	1°12	29°24	8°45	18°13	16°55	28°48	4°18	T 21
W22	16 21 13	5°59'38	6♈23	12°23	4°23	22°37	0♊11	11°35	1°16	29°24	8°44	18°14	16°52	28°55	4°17	W22
T 23	16 25 10	6°56'55	18°42	11°52	5°37	23°13	0°25	11°42	1°19	29°24	8°43	18°R14	16°49	29° 1	4°15	T 23
F 24	16 29 6	7°54'12	1♉18	11°20	6°51	23°49	0°39	11°49	1°22	29°24	8°41	18°14	16°45	29° 8	4°14	F 24
S 25	16 33 3	8°51'29	14°15	10°47	8° 4	24°25	0°53	11°56	1°26	29°25	8°40	18°11	16°42	29°15	4°13	S 25
S 26	16 37 0	9°48'45	27°33	10°13	9°18	25° 1	1° 7	12° 4	1°29	29°25	8°39	18° 6	16°39	29°21	4°11	S 26
M27	16 40 56	10°46'00	11♊13	9°39	10°32	25°37	1°21	12°11	1°33	29°R25	8°38	17°59	16°36	29°28	4°10	M27
T 28	16 44 53	11°43'15	25°10	9° 6	11°45	26°13	1°34	12°18	1°36	29°25	8°37	17°51	16°33	29°35	4° 8	T 28
W29	16 48 49	12°40'30	9♋22	8°34	12°59	26°50	1°48	12°25	1°40	29°25	8°35	17°42	16°29	29°41	4° 7	W29
T 30	16 52 46	13°37'44	23°42	8° 3	14°13	27°26	2° 2	12°32	1°43	29°24	8°34	17°34	16°26	29°48	4° 5	T 30
F 31	16 56 42	14♊34'57	8♌ 6	7♊35	15♊27	28♋ 2	2♊16	12♉39	1♋47	29♒24	8♑33	17♎28	16♎23	29♒55	4♒ 4	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n41	18n38	4s55	24n 3	2n18	13n35	0s55	24n41	1n31	18n35	0s37	12n34	2s 5	23n51	0n18	12s34	0s49	23s24	0s 9	7s27	7s 5	8s56	13s 4	6n22
T 2	16 57	17 43	5 12	24 7	2 13	14 0	0 53	24 38	1 31	18 38	0 37	12 36	2 5	23 51	0 18	12 34	0 49	23 24	0 9	7 26	7 4	8 54	13 3	6 22
F 3	17 14	15 44	5 10	24 10	2 7	14 25	0 51	24 35	1 30	18 42	0 37	12 39	2 5	23 51	0 18	12 33	0 49	23 24	0 9	7 25	7 3	8 53	13 3	6 22
S 4	17 30	12 47	4 49	24 10	2 1	14 50	0 49	24 31	1 30	18 45	0 37	12 41	2 5	23 51	0 18	12 33	0 49	23 24	0 9	7 25	7 2	8 51	13 3	6 23
S 5	17 46	9 5	4 11	24 8	1 53	15 14	0 47	24 28	1 30	18 49	0 37	12 44	2 5	23 51	0 18	12 33	0 49	23 24	0 9	7 25	7 0	8 49	13 2	6 23
M 6	18 1	4 51	3 17	24 5	1 44	15 38	0 45	24 24	1 29	18 52	0 37	12 46	2 5	23 51	0 18	12 33	0 49	23 24	0 9	7 25	6 59	8 48	13 2	6 24
T 7	18 16	0 21	2 11	24 0	1 35	16 2	0 43	24 20	1 29	18 55	0 37	12 49	2 5	23 51	0 18	12 33	0 49	23 25	0 9	7 26	6 58	8 46	13 1	6 24
W 8	18 31	4s11	0 58	23 54	1 24	16 25	0 40	24 16	1 29	18 59	0 37	12 51	2 5	23 51	0 18	12 32	0 49	23 25	0 9	7 26	6 57	8 44	13 1	6 25
T 9	18 46	8 26	0n19	23 46	1 13	16 47	0 38	24 12	1 28	19 2	0 37	12 53	2 5	23 51	0 18	12 32	0 49	23 25	0 9	7 26	6 55	8 42	13 1	6 25
F 10	19 0	12 12	1 33	23 36	1 1	17 10	0 36	24 7	1 28	19 5	0 37	12 56	2 5	23 51	0 18	12 32	0 49	23 25	0 10	7 26	6 54	8 41	13 0	6 25
S 11	19 14	15 14	2 41	23 25	0 48	17 31	0 34	24 3	1 28	19 8	0 37	12 58	2 5	23 51	0 18	12 32	0 49	23 25	0 10	7 25	6 53	8 39	13 0	6 26
S 12	19 27	17 22	3 39	23 13	0 34	17 53	0 32	23 58	1 27	19 12	0 36	13 1	2 5	23 51	0 18	12 32	0 49	23 25	0 10	7 23	6 52	8 37	13 0	6 26
M13	19 41	18 31	4 23	22 59	0 20	18 14	0 29	23 53	1 27	19 15	0 36	13 3	2 5	23 51	0 18	12 32	0 49	23 26	0 10	7 21	6 51	8 35	13 0	6 27
T 14	19 54	18 41	4 53	22 44	0 5	18 34	0 27	23 48	1 27	19 18	0 36	13 5	2 5	23 51	0 18	12 31	0 49	23 26	0 10	7 18	6 49	8 34	12 59	6 27
W15	20 6	17 53	5 8	22 28	0s11	18 54	0 25	23 43	1 26	19 21	0 36	13 8	2 5	23 51	0 18	12 31	0 49	23 26	0 10	7 16	6 48	8 32	12 59	6 27
T 16	20 19	16 16	5 8	22 12	0 27	19 14	0 23	23 38	1 26	19 24	0 36	13 10	2 6	23 51	0 18	12 31	0 50	23 26	0 10	7 13	6 47	8 30	12 59	6 28
F 17	20 31	13 57	4 54	21 54	0 44	19 33	0 20	23 32	1 26	19 28	0 36	13 12	2 6	23 51	0 18	12 31	0 50	23 26	0 10	7 12	6 46	8 28	12 59	6 28
S 18	20 42	11 4	4 27	21 35	1 1	19 51	0 18	23 26	1 25	19 31	0 36	13 14	2 6	23 51	0 18	12 31	0 50	23 26	0 10	7 10	6 44	8 27	12 58	6 29
S 19	20 53	7 46	3 49	21 16	1 18	20 9	0 16	23 21	1 25	19 34	0 36	13 17	2 6	23 51	0 18	12 31	0 50	23 27	0 10	7 10	6 43	8 25	12 58	6 29
M20	21 4	4 9	3 2	20 56	1 35	20 26	0 13	23 15	1 25	19 37	0 36	13 19	2 6	23 51	0 18	12 31	0 50	23 27	0 11	7 10	6 42	8 23	12 58	6 29
T 21	21 15	0 21	2 6	20 36	1 52	20 43	0 11	23 8	1 24	19 40	0 36	13 21	2 6	23 51	0 18	12 31	0 50	23 27	0 11	7 11	6 41	8 21	12 58	6 30
W22	21 25	3n31	1 4	20 16	2 9	20 59	0 9	23 2	1 24	19 43	0 36	13 23	2 6	23 51	0 18	12 31	0 50	23 27	0 11	7 11	6 40	8 20	12 58	6 30
T 23	21 35	7 19	0s 2	19 56	2 25	21 15	0 6	22 56	1 24	19 46	0 35	13 26	2 6	23 51	0 18	12 31	0 50	23 27	0 11	7 11	6 38	8 18	12 58	6 31
F 24	21 44	10 54	1 10	19 36	2 41	21 30	0 4	22 49	1 23	19 49	0 35	13 28	2 6	23 51	0 18	12 31	0 50	23 27	0 11	7 11	6 37	8 16	12 58	6 31
S 25	21 53	14 2	2 15	19 16	2 56	21 45	0 1	22 42	1 23	19 52	0 35	13 30	2 6	23 51	0 18	12 31	0 50	23 28	0 11	7 10	6 36	8 14	12 58	6 31
S 26	22 2	16 33	3 15	18 57	3 10	21 58	0n 1	22 36	1 23	19 55	0 35	13 32	2 6	23 51	0 18	12 31	0 50	23 28	0 11	7 8	6 35	8 13	12 58	6 32
M27	22 10	18 11	4 5	18 39	3 24	22 12	0 3	22 29	1 22	19 58	0 35	13 34	2 6	23 51	0 18	12 31	0 50	23 28	0 11	7 5	6 33	8 11	12 58	6 32
T 28	22 18	18 46	4 42	18 22	3 36	22 24	0 6	22 21	1 22	20 1	0 35	13 36	2 6	23 51	0 18	12 31	0 50	23 28	0 11	7 2	6 32	8 9	12 58	6 33
W29	22 26	18 12	5 2	18 7	3 47	22 36	0 8	22 14	1 22	20 3	0 35	13 38	2 6	23 51	0 18	12 31	0 50	23 28	0 11	6 59	6 31	8 7	12 58	6 33
T 30	22 33	16 29	5 4	17 52	3 56	22 48	0 10	22 7	1 21	20 6	0 35	13 41	2 6	23 51	0 18	12 31	0 50	23 29	0 12	6 56	6 30	8 6	12 58	6 33
F 31	22n40	13n44	4s46	17n40	4s 5	22n58	0n13	21n59	1n21	20n 9	0s35	13n43	2s 6	23n51	0n18	12s31	0s50	23s29	0s12	6s53	6s29	8s 4	12s58	6n34

Julian Day Number = 2096655.5, Delta T = 22m12s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'48, Lahiri = 10°18'48 Julian Calendar 1 May 1028 == Greg. Calendar 7 May 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

JUNE 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 0 39	15♊32'10	22♌28	7°R 9	16♊40	28♋39	2♊30	12♉46	1♋50	29°R24	8°R31	17°R23	16♎20	0♓ 1	4°R 2	S 1
S 2	17 4 35	16°29'22	6♍44	6♊46	17°54	29°15	2°43	12°53	1°54	29♒24	8♑30	17♎21	16°17	0° 8	4♒ 0	S 2
M 3	17 8 32	17°26'33	20°53	6°27	19° 8	29°51	2°57	13° 0	1°57	29°24	8°29	17°D21	16°14	0°15	3°58	M 3
T 4	17 12 29	18°23'43	4♎52	6°12	20°21	0♌28	3°11	13° 7	2° 1	29°24	8°27	17°21	16°10	0°21	3°56	T 4
W 5	17 16 25	19°20'53	18°42	6° 1	21°35	1° 4	3°24	13°14	2° 4	29°23	8°26	17°R22	16° 7	0°28	3°54	W 5
T 6	17 20 22	20°18'03	2♏22	5°54	22°49	1°41	3°38	13°20	2° 8	29°23	8°25	17°21	16° 4	0°35	3°52	T 6
F 7	17 24 18	21°15'12	15°52	5°D52	24° 2	2°17	3°52	13°27	2°12	29°23	8°23	17°18	16° 1	0°42	3°50	F 7
S 8	17 28 15	22°12'21	29°12	5°55	25°16	2°54	4° 5	13°34	2°15	29°22	8°22	17°12	15°58	0°48	3°48	S 8
S 9	17 32 11	23° 9'30	12♐19	6° 2	26°30	3°30	4°19	13°40	2°19	29°22	8°21	17° 4	15°55	0°55	3°46	S 9
M10	17 36 8	24° 6'38	25°15	6°14	27°44	4° 7	4°32	13°47	2°22	29°21	8°19	16°54	15°51	1° 2	3°44	M10
T 11	17 40 4	25° 3'46	7♑57	6°31	28°57	4°43	4°46	13°54	2°26	29°21	8°18	16°42	15°48	1° 8	3°41	T 11
W12	17 44 1	26° 0'55	20°25	6°53	0♋11	5°20	4°59	14° 0	2°30	29°20	8°16	16°30	15°45	1°15	3°39	W12
T 13	17 47 58	26°58'03	2♒40	7°20	1°25	5°57	5°12	14° 6	2°33	29°20	8°15	16°20	15°42	1°22	3°37	T 13
F 14	17 51 54	27°55'12	14°44	7°52	2°39	6°33	5°26	14°13	2°37	29°19	8°13	16°11	15°39	1°28	3°34	F 14
S 15	17 55 51	28°52'21	26°40	8°29	3°52	7°10	5°39	14°19	2°40	29°19	8°12	16° 4	15°35	1°35	3°32	S 15
S 16	17 59 47	29°49'30	8♓30	9°11	5° 6	7°47	5°52	14°25	2°44	29°18	8°11	16° 0	15°32	1°42	3°30	S 16
M17	18 3 44	0♋46'39	20°20	9°57	6°20	8°24	6° 6	14°32	2°48	29°18	8° 9	15°58	15°29	1°48	3°27	M17
T 18	18 7 40	1°43'49	2♈15	10°48	7°34	9° 0	6°19	14°38	2°51	29°17	8° 8	15°D57	15°26	1°55	3°24	T 18
W19	18 11 37	2°40'59	14°19	11°44	8°47	9°37	6°32	14°44	2°55	29°16	8° 6	15°R58	15°23	2° 2	3°22	W19
T 20	18 15 33	3°38'10	26°38	12°44	10° 1	10°14	6°45	14°50	2°59	29°15	8° 5	15°57	15°20	2° 8	3°19	T 20
F 21	18 19 30	4°35'21	9♉17	13°49	11°15	10°51	6°58	14°56	3° 2	29°15	8° 3	15°55	15°16	2°15	3°17	F 21
S 22	18 23 27	5°32'33	22°20	14°59	12°29	11°28	7°11	15° 2	3° 6	29°14	8° 2	15°51	15°13	2°22	3°14	S 22
S 23	18 27 23	6°29'46	5♊49	16°13	13°43	12° 5	7°24	15° 8	3° 9	29°13	8° 0	15°45	15°10	2°28	3°11	S 23
M24	18 31 20	7°26'59	19°44	17°31	14°56	12°42	7°37	15°13	3°13	29°12	7°59	15°36	15° 7	2°35	3° 8	M24
T 25	18 35 16	8°24'12	4♋ 2	18°53	16°10	13°19	7°50	15°19	3°17	29°11	7°57	15°25	15° 4	2°42	3° 5	T 25
W26	18 39 13	9°21'26	18°38	20°20	17°24	13°56	8° 3	15°25	3°20	29°10	7°56	15°14	15° 1	2°49	3° 3	W26
T 27	18 43 9	10°18'40	3♌23	21°51	18°38	14°33	8°16	15°30	3°24	29°10	7°55	15° 3	14°57	2°55	3° 0	T 27
F 28	18 47 6	11°15'55	18°11	23°26	19°52	15°10	8°29	15°36	3°28	29° 9	7°53	14°54	14°54	3° 2	2°57	F 28
S 29	18 51 3	12°13'10	2♍53	25° 4	21° 6	15°48	8°41	15°41	3°31	29° 8	7°52	14°48	14°51	3° 9	2°54	S 29
S 30	18 54 59	13♋10'25	17♍23	26♊46	22♋19	16♌25	8♊54	15♉47	3♋35	29♒ 7	7♑50	14♎45	14♎48	3♓15	2♒51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n46	10n 9	4s11	17n29	4s12	23n 8	0n15	21n51	1n21	20n12	0s35	13n45	2s 6	23n51	0n18	12s31	0s50	23s29	0s12	6s52	6s27	8s 2	12s58	6n34
S 2	22 52	6 0	3 20	17 20	4 17	23 18	0 17	21 43	1 20	20 15	0 35	13 47	2 6	23 51	0 18	12 31	0 50	23 29	0 12	6 51	6 26	8 0	12 58	6 34
M 3	22 58	1 32	2 17	17 12	4 21	23 27	0 20	21 35	1 20	20 17	0 35	13 49	2 7	23 51	0 18	12 32	0 50	23 29	0 12	6 51	6 25	7 58	12 58	6 35
T 4	23 3	2s57	1 6	17 7	4 24	23 35	0 22	21 27	1 20	20 20	0 35	13 51	2 7	23 50	0 18	12 32	0 50	23 29	0 12	6 51	6 24	7 57	12 58	6 35
W 5	23 8	7 15	0n 7	17 4	4 25	23 42	0 24	21 19	1 19	20 23	0 35	13 53	2 7	23 50	0 18	12 32	0 50	23 30	0 12	6 51	6 22	7 55	12 58	6 35
T 6	23 12	11 7	1 19	17 3	4 25	23 49	0 27	21 10	1 19	20 25	0 34	13 55	2 7	23 50	0 18	12 32	0 50	23 30	0 12	6 51	6 21	7 53	12 58	6 36
F 7	23 16	14 21	2 26	17 4	4 24	23 55	0 29	21 2	1 19	20 28	0 34	13 56	2 7	23 50	0 18	12 32	0 50	23 30	0 12	6 50	6 20	7 51	12 58	6 36
S 8	23 20	16 46	3 23	17 7	4 21	24 0	0 31	20 53	1 18	20 31	0 34	13 58	2 7	23 50	0 18	12 32	0 50	23 30	0 12	6 47	6 19	7 50	12 59	6 36
S 9	23 23	18 16	4 9	17 12	4 18	24 4	0 33	20 44	1 18	20 33	0 34	14 0	2 7	23 50	0 18	12 32	0 50	23 30	0 13	6 44	6 17	7 48	12 59	6 37
M10	23 26	18 48	4 41	17 19	4 13	24 8	0 36	20 35	1 17	20 36	0 34	14 2	2 7	23 50	0 18	12 33	0 50	23 31	0 13	6 40	6 16	7 46	12 59	6 37
T 11	23 28	18 21	4 59	17 27	4 7	24 11	0 38	20 26	1 17	20 38	0 34	14 4	2 7	23 50	0 18	12 33	0 51	23 31	0 13	6 36	6 15	7 44	12 59	6 37
W12	23 30	17 2	5 1	17 38	4 0	24 14	0 40	20 16	1 17	20 41	0 34	14 6	2 7	23 50	0 18	12 33	0 51	23 31	0 13	6 31	6 14	7 43	12 59	6 38
T 13	23 32	14 57	4 50	17 50	3 52	24 15	0 42	20 7	1 16	20 43	0 34	14 8	2 7	23 50	0 18	12 33	0 51	23 31	0 13	6 27	6 13	7 41	13 0	6 38
F 14	23 33	12 15	4 26	18 3	3 44	24 16	0 44	19 57	1 16	20 46	0 34	14 9	2 8	23 50	0 18	12 33	0 51	23 31	0 13	6 24	6 11	7 39	13 0	6 38
S 15	23 33	9 5	3 50	18 18	3 35	24 16	0 46	19 48	1 16	20 48	0 34	14 11	2 8	23 50	0 18	12 34	0 51	23 32	0 13	6 21	6 10	7 37	13 0	6 38
S 16	23 34	5 34	3 5	18 34	3 25	24 16	0 48	19 38	1 15	20 50	0 34	14 13	2 8	23 50	0 18	12 34	0 51	23 32	0 13	6 19	6 9	7 36	13 0	6 39
M17	23 34	1 50	2 12	18 51	3 14	24 15	0 50	19 28	1 15	20 53	0 34	14 15	2 8	23 50	0 18	12 34	0 51	23 32	0 13	6 19	6 8	7 34	13 1	6 39
T 18	23 33	2n 0	1 12	19 10	3 3	24 13	0 52	19 18	1 15	20 55	0 34	14 16	2 8	23 50	0 18	12 35	0 51	23 32	0 13	6 19	6 6	7 32	13 1	6 39
W19	23 32	5 48	0 9	19 29	2 51	24 10	0 54	19 7	1 14	20 57	0 34	14 18	2 8	23 50	0 18	12 35	0 51	23 32	0 13	6 19	6 5	7 30	13 1	6 39
T 20	23 31	9 27	0s56	19 48	2 39	24 7	0 56	18 57	1 14	21 0	0 34	14 20	2 8	23 49	0 18	12 35	0 51	23 32	0 14	6 18	6 4	7 28	13 2	6 40
F 21	23 29	12 46	2 0	20 9	2 27	24 2	0 58	18 47	1 13	21 2	0 34	14 21	2 8	23 49	0 18	12 35	0 51	23 33	0 14	6 18	6 3	7 27	13 2	6 40
S 22	23 27	15 33	3 0	20 29	2 14	23 58	0 59	18 36	1 13	21 4	0 34	14 23	2 8	23 49	0 18	12 36	0 51	23 33	0 14	6 16	6 1	7 25	13 3	6 40
S 23	23 24	17 35	3 52	20 50	2 1	23 52	1 1	18 25	1 13	21 6	0 34	14 24	2 9	23 49	0 18	12 36	0 51	23 33	0 14	6 14	6 0	7 23	13 3	6 40
M24	23 21	18 39	4 31	21 11	1 48	23 46	1 3	18 14	1 12	21 9	0 33	14 26	2 9	23 49	0 18	12 36	0 51	23 33	0 14	6 10	5 59	7 21	13 3	6 40
T 25	23 18	18 35	4 55	21 31	1 35	23 39	1 5	18 3	1 12	21 11	0 33	14 27	2 9	23 49	0 18	12 37	0 51	23 33	0 14	6 6	5 58	7 20	13 4	6 41
W26	23 14	17 18	5 0	21 51	1 22	23 31	1 6	17 52	1 11	21 13	0 33	14 29	2 9	23 49	0 18	12 37	0 51	23 34	0 14	6 2	5 57	7 18	13 4	6 41
T 27	23 10	14 52	4 46	22 11	1 8	23 23	1 8	17 41	1 11	21 15	0 33	14 30	2 9	23 49	0 18	12 37	0 51	23 34	0 14	5 57	5 55	7 16	13 5	6 41
F 28	23 5	11 28	4 12	22 29	0 55	23 14	1 9	17 30	1 11	21 17	0 33	14 32	2 9	23 49	0 18	12 38	0 51	23 34	0 14	5 54	5 54	7 14	13 5	6 41
S 29	23 0	7 22	3 22	22 46	0 42	23 4	1 11	17 18	1 10	21 19	0 33	14 33	2 9	23 49	0 18	12 38	0 51	23 34	0 14	5 52	5 53	7 12	13 6	6 41
S 30	22n54	2n52	2s19	23n 3	0s29	22n53	1n12	17n 7	1n10	21n21	0s33	14n35	2s10	23n49	0n18	12s38	0s51	23s34	0s15	5s50	5s52	7s11	13s 6	6n42

Julian Day Number = 2096686.5, Delta T = 22m12s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'52, Lahiri = 10°18'52 Julian Calendar 1 June 1028 == Greg. Calendar 7 June 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

JULY 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 58 56	14♋ 7'40	1♎38	28♊32	23♋33	17♌ 2	9♊ 6	15♉52	3♋38	29°R 6	7°R49	14°R43	14♎45	3♓22	2°R48	M 1
T 2	19 2 52	15° 4'56	15°36	0♋21	24°47	17°39	9°19	15°57	3°42	29♒ 5	7♑47	14♎43	14°41	3°29	2♒45	T 2
W 3	19 6 49	16° 2'12	29°18	2°13	26° 1	18°17	9°31	16° 2	3°46	29° 3	7°46	14°43	14°38	3°35	2°42	W 3
T 4	19 10 45	16°59'29	12♏44	4° 8	27°15	18°54	9°44	16° 7	3°49	29° 2	7°44	14°41	14°35	3°42	2°39	T 4
F 5	19 14 42	17°56'46	25°56	6° 5	28°29	19°31	9°56	16°13	3°53	29° 1	7°43	14°37	14°32	3°49	2°36	F 5
S 6	19 18 38	18°54'03	8♐56	8° 5	29°42	20° 9	10° 8	16°17	3°56	29° 0	7°41	14°31	14°29	3°55	2°33	S 6
S 7	19 22 35	19°51'21	21°44	10° 6	0♌56	20°46	10°20	16°22	4° 0	28°59	7°40	14°21	14°26	4° 2	2°30	S 7
M 8	19 26 32	20°48'40	4♑20	12° 9	2°10	21°24	10°33	16°27	4° 3	28°58	7°39	14°10	14°22	4° 9	2°26	M 8
T 9	19 30 28	21°45'59	16°47	14°13	3°24	22° 1	10°45	16°32	4° 7	28°56	7°37	13°57	14°19	4°15	2°23	T 9
W10	19 34 25	22°43'20	29° 3	16°18	4°38	22°39	10°57	16°36	4°10	28°55	7°36	13°44	14°16	4°22	2°20	W10
T 11	19 38 21	23°40'41	11♒ 9	18°23	5°52	23°16	11° 9	16°41	4°14	28°54	7°34	13°31	14°13	4°29	2°17	T 11
F 12	19 42 18	24°38'03	23° 7	20°29	7° 6	23°54	11°20	16°45	4°17	28°53	7°33	13°21	14°10	4°35	2°14	F 12
S 13	19 46 14	25°35'26	4♓59	22°34	8°19	24°32	11°32	16°50	4°21	28°51	7°32	13°13	14° 7	4°42	2°11	S 13
S 14	19 50 11	26°32'50	16°47	24°40	9°33	25° 9	11°44	16°54	4°24	28°50	7°30	13° 8	14° 3	4°49	2° 7	S 14
M15	19 54 7	27°30'16	28°36	26°45	10°47	25°47	11°55	16°58	4°28	28°49	7°29	13° 5	14° 0	4°55	2° 4	M15
T 16	19 58 4	28°27'43	10♈29	28°49	12° 1	26°25	12° 7	17° 2	4°31	28°47	7°28	13°D 4	13°57	5° 2	2° 1	T 16
W17	20 2 1	29°25'11	22°32	0♌52	13°15	27° 2	12°18	17° 6	4°34	28°46	7°26	13° 4	13°54	5° 9	1°58	W17
T 18	20 5 57	0♌22'40	4♉49	2°54	14°29	27°40	12°30	17°10	4°38	28°45	7°25	13°R 4	13°51	5°15	1°55	T 18
F 19	20 9 54	1°20'11	17°26	4°55	15°43	28°18	12°41	17°14	4°41	28°43	7°24	13° 3	13°47	5°22	1°51	F 19
S 20	20 13 50	2°17'43	0♊28	6°55	16°56	28°56	12°52	17°18	4°44	28°42	7°22	13° 0	13°44	5°29	1°48	S 20
S 21	20 17 47	3°15'17	13°58	8°53	18°10	29°34	13° 3	17°22	4°48	28°40	7°21	12°55	13°41	5°35	1°45	S 21
M22	20 21 43	4°12'53	27°58	10°50	19°24	0♍12	13°15	17°25	4°51	28°39	7°20	12°47	13°38	5°42	1°42	M22
T 23	20 25 40	5°10'29	12♋24	12°46	20°38	0°50	13°25	17°29	4°54	28°37	7°19	12°38	13°35	5°49	1°38	T 23
W24	20 29 36	6° 8'07	27°13	14°40	21°52	1°28	13°36	17°32	4°58	28°36	7°17	12°28	13°32	5°55	1°35	W24
T 25	20 33 33	7° 5'47	12♌16	16°33	23° 6	2° 6	13°47	17°36	5° 1	28°35	7°16	12°19	13°28	6° 2	1°32	T 25
F 26	20 37 30	8° 3'27	27°23	18°25	24°20	2°44	13°58	17°39	5° 4	28°33	7°15	12°11	13°25	6° 9	1°29	F 26
S 27	20 41 26	9° 1'09	12♍25	20°15	25°34	3°22	14° 8	17°42	5° 7	28°31	7°14	12° 6	13°22	6°16	1°26	S 27
S 28	20 45 23	9°58'52	27°13	22° 3	26°48	4° 0	14°19	17°45	5°10	28°30	7°12	12° 3	13°19	6°22	1°22	S 28
M29	20 49 19	10°56'36	11♎42	23°51	28° 1	4°38	14°29	17°48	5°13	28°28	7°11	12°D 2	13°16	6°29	1°19	M29
T 30	20 53 16	11°54'21	25°49	25°36	29°15	5°17	14°40	17°51	5°16	28°27	7°10	12° 2	13°13	6°36	1°16	T 30
W31	20 57 12	12♌52'08	9♏33	27♌21	0♍29	5♍55	14♊50	17♉54	5♋20	28♒25	7♑ 9	12°R 3	13♎ 9	6♓42	1♒13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n49	1s42	1s 9	23n17	0s16	22n42	1n14	16n55	1n10	21n23	0s33	14n36	2s10	23n49	0n18	12s39	0s51	23s34	0s15	5s50	5s50	7s 9	13s 7	6n42
T 2	22 42	6 6	0n 5	23 30	0 4	22 30	1 15	16 43	1 9	21 25	0 33	14 38	2 10	23 48	0 18	12 39	0 51	23 35	0 15	5 50	5 49	7 7	13 7	6 42
W 3	22 36	10 6	1 16	23 41	0n 8	22 18	1 16	16 31	1 9	21 27	0 33	14 39	2 10	23 48	0 18	12 40	0 51	23 35	0 15	5 50	5 48	7 5	13 8	6 42
T 4	22 29	13 29	2 22	23 49	0 19	22 5	1 17	16 19	1 8	21 29	0 33	14 40	2 10	23 48	0 18	12 40	0 51	23 35	0 15	5 49	5 47	7 4	13 8	6 42
F 5	22 21	16 7	3 19	23 56	0 30	21 51	1 18	16 7	1 8	21 31	0 33	14 41	2 10	23 48	0 18	12 41	0 51	23 35	0 15	5 48	5 45	7 2	13 9	6 42
S 6	22 13	17 52	4 5	23 59	0 41	21 37	1 20	15 55	1 8	21 32	0 33	14 43	2 11	23 48	0 18	12 41	0 51	23 35	0 15	5 45	5 44	7 0	13 9	6 42
S 7	22 5	18 41	4 38	24 1	0 50	21 22	1 21	15 42	1 7	21 34	0 33	14 44	2 11	23 48	0 18	12 41	0 51	23 36	0 15	5 41	5 43	6 58	13 10	6 43
M 8	21 57	18 34	4 56	23 59	0 59	21 6	1 22	15 30	1 7	21 36	0 33	14 45	2 11	23 48	0 18	12 42	0 51	23 36	0 15	5 37	5 42	6 56	13 11	6 43
T 9	21 48	17 32	5 0	23 55	1 7	20 50	1 22	15 17	1 6	21 38	0 33	14 46	2 11	23 48	0 18	12 42	0 51	23 36	0 15	5 32	5 40	6 55	13 11	6 43
W10	21 38	15 44	4 50	23 48	1 15	20 33	1 23	15 5	1 6	21 40	0 33	14 48	2 11	23 48	0 18	12 43	0 51	23 36	0 16	5 27	5 39	6 53	13 12	6 43
T 11	21 29	13 14	4 27	23 38	1 22	20 16	1 24	14 52	1 6	21 41	0 33	14 49	2 11	23 48	0 18	12 43	0 52	23 36	0 16	5 22	5 38	6 51	13 12	6 43
F 12	21 18	10 14	3 52	23 26	1 27	19 58	1 25	14 39	1 5	21 43	0 33	14 50	2 11	23 48	0 18	12 44	0 52	23 36	0 16	5 18	5 37	6 49	13 13	6 43
S 13	21 8	6 50	3 7	23 11	1 32	19 39	1 26	14 26	1 5	21 45	0 33	14 51	2 12	23 47	0 18	12 44	0 52	23 37	0 16	5 15	5 36	6 47	13 14	6 43
S 14	20 57	3 10	2 15	22 53	1 37	19 20	1 26	14 13	1 4	21 46	0 33	14 52	2 12	23 47	0 18	12 45	0 52	23 37	0 16	5 13	5 34	6 46	13 14	6 43
M15	20 46	0n36	1 16	22 33	1 40	19 0	1 27	14 0	1 4	21 48	0 33	14 53	2 12	23 47	0 18	12 45	0 52	23 37	0 16	5 12	5 33	6 44	13 15	6 43
T 16	20 35	4 23	0 14	22 11	1 43	18 40	1 27	13 46	1 4	21 49	0 33	14 54	2 12	23 47	0 18	12 46	0 52	23 37	0 16	5 11	5 32	6 42	13 16	6 43
W17	20 23	8 2	0s50	21 47	1 45	18 20	1 28	13 33	1 3	21 51	0 33	14 55	2 12	23 47	0 18	12 46	0 52	23 37	0 16	5 11	5 31	6 40	13 16	6 43
T 18	20 10	11 25	1 53	21 20	1 46	17 58	1 28	13 20	1 3	21 52	0 33	14 56	2 13	23 47	0 18	12 47	0 52	23 37	0 16	5 11	5 29	6 38	13 17	6 43
F 19	19 58	14 22	2 52	20 52	1 47	17 37	1 28	13 6	1 2	21 54	0 32	14 57	2 13	23 47	0 18	12 47	0 52	23 38	0 16	5 11	5 28	6 37	13 18	6 43
S 20	19 45	16 42	3 44	20 22	1 47	17 14	1 28	12 52	1 2	21 55	0 32	14 58	2 13	23 47	0 18	12 48	0 52	23 38	0 16	5 10	5 27	6 35	13 18	6 43
S 21	19 32	18 12	4 26	19 50	1 46	16 52	1 29	12 39	1 1	21 57	0 32	14 58	2 13	23 47	0 18	12 48	0 52	23 38	0 17	5 8	5 26	6 33	13 19	6 43
M22	19 18	18 40	4 53	19 17	1 45	16 29	1 29	12 25	1 1	21 58	0 32	14 59	2 13	23 47	0 18	12 49	0 52	23 38	0 17	5 5	5 24	6 31	13 20	6 43
T 23	19 4	17 57	5 3	18 43	1 43	16 5	1 29	12 11	1 1	22 0	0 32	15 0	2 13	23 46	0 18	12 49	0 52	23 38	0 17	5 1	5 23	6 30	13 21	6 43
W24	18 50	16 2	4 53	18 7	1 40	15 41	1 29	11 57	1 0	22 1	0 32	15 1	2 14	23 46	0 18	12 50	0 52	23 38	0 17	4 57	5 22	6 28	13 21	6 43
T 25	18 36	13 0	4 23	17 30	1 38	15 17	1 28	11 43	1 0	22 2	0 32	15 2	2 14	23 46	0 18	12 50	0 52	23 39	0 17	4 53	5 21	6 26	13 22	6 43
F 26	18 21	9 5	3 35	16 53	1 34	14 52	1 28	11 29	0 59	22 4	0 32	15 2	2 14	23 46	0 18	12 51	0 52	23 39	0 17	4 50	5 19	6 24	13 23	6 43
S 27	18 6	4 37	2 31	16 14	1 30	14 27	1 28	11 14	0 59	22 5	0 32	15 3	2 14	23 46	0 18	12 51	0 52	23 39	0 17	4 48	5 18	6 22	13 23	6 43
S 28	17 50	0s 5	1 18	15 35	1 26	14 1	1 28	11 0	0 59	22 6	0 32	15 4	2 14	23 46	0 18	12 52	0 52	23 39	0 17	4 47	5 17	6 21	13 24	6 43
M29	17 35	4 41	0 2	14 55	1 21	13 35	1 27	10 46	0 58	22 7	0 32	15 4	2 15	23 46	0 18	12 53	0 52	23 39	0 17	4 47	5 16	6 19	13 25	6 43
T 30	17 18	8 53	1n13	14 15	1 16	13 9	1 27	10 31	0 58	22 9	0 32	15 5	2 15	23 46	0 18	12 53	0 52	23 39	0 17	4 47	5 14	6 17	13 26	6 43
W31	17n 2	12s30	2n22	13n34	1n11	12n42	1n26	10n16	0n57	22n10	0s32	15n 5	2s15	23n46	0n18	12s54	0s52	23s40	0s17	4s47	5s13	6s15	13s26	6n43

Julian Day Number = 2096716.5, Delta T = 22m11s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°11'56, Lahiri = 10°18'57 Julian Calendar 1 July 1028 == Greg. Calendar 7 July 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

AUGUST 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 1 9	13♌49'55	22♏55	29♌ 3	1♍43	6♍33	15♊ 0	17♉56	5♋23	28°R24	7°R 8	12°R 2	13♎ 6	6♓49	1°R10	T 1
F 2	21 5 5	14°47'44	5♐59	0♍45	2°57	7°11	15°10	17°59	5°26	28♒22	7♑ 7	12♎ 0	13° 3	6°56	1♒ 7	F 2
S 3	21 9 2	15°45'34	18°46	2°25	4°11	7°50	15°20	18° 1	5°29	28°20	7° 6	11°56	13° 0	7° 2	1° 4	S 3
S 4	21 12 59	16°43'26	1♑20	4° 4	5°25	8°28	15°29	18° 3	5°32	28°19	7° 5	11°49	12°57	7° 9	1° 1	S 4
M 5	21 16 55	17°41'18	13°42	5°41	6°38	9° 7	15°39	18° 6	5°34	28°17	7° 4	11°41	12°53	7°16	0°58	M 5
T 6	21 20 52	18°39'13	25°54	7°17	7°52	9°45	15°49	18° 8	5°37	28°16	7° 3	11°31	12°50	7°22	0°55	T 6
W 7	21 24 48	19°37'08	7♒59	8°52	9° 6	10°24	15°58	18°10	5°40	28°14	7° 2	11°21	12°47	7°29	0°52	W 7
T 8	21 28 45	20°35'05	19°57	10°26	10°20	11° 2	16° 7	18°12	5°43	28°12	7° 1	11°12	12°44	7°36	0°49	T 8
F 9	21 32 41	21°33'04	1♓49	11°58	11°34	11°41	16°16	18°14	5°46	28°11	7° 0	11° 4	12°41	7°42	0°46	F 9
S 10	21 36 38	22°31'05	13°38	13°28	12°48	12°19	16°25	18°15	5°49	28° 9	6°59	10°59	12°38	7°49	0°43	S 10
S 11	21 40 34	23°29'07	25°26	14°58	14° 1	12°58	16°34	18°17	5°51	28° 8	6°58	10°55	12°34	7°56	0°40	S 11
M12	21 44 31	24°27'11	7♈16	16°26	15°15	13°37	16°43	18°18	5°54	28° 6	6°57	10°D54	12°31	8° 2	0°37	M12
T 13	21 48 27	25°25'17	19°11	17°53	16°29	14°16	16°52	18°20	5°57	28° 4	6°56	10°54	12°28	8° 9	0°34	T 13
W14	21 52 24	26°23'25	1♉14	19°18	17°43	14°54	17° 1	18°21	5°59	28° 3	6°55	10°55	12°25	8°16	0°32	W14
T 15	21 56 21	27°21'35	13°31	20°42	18°57	15°33	17° 9	18°22	6° 2	28° 1	6°55	10°57	12°22	8°22	0°29	T 15
F 16	22 0 17	28°19'47	26° 7	22° 5	20°10	16°12	17°17	18°23	6° 4	27°59	6°54	10°R57	12°18	8°29	0°26	F 16
S 17	22 4 14	29°18'01	9♊ 5	23°26	21°24	16°51	17°25	18°24	6° 7	27°58	6°53	10°57	12°15	8°36	0°23	S 17
S 18	22 8 10	0♍16'18	22°29	24°46	22°38	17°30	17°34	18°25	6° 9	27°56	6°52	10°55	12°12	8°42	0°21	S 18
M19	22 12 7	1°14'36	6♋22	26° 4	23°52	18° 9	17°41	18°26	6°12	27°54	6°52	10°51	12° 9	8°49	0°18	M19
T 20	22 16 3	2°12'57	20°44	27°20	25° 5	18°48	17°49	18°27	6°14	27°53	6°51	10°46	12° 6	8°56	0°16	T 20
W21	22 20 0	3°11'19	5♌30	28°35	26°19	19°27	17°57	18°27	6°17	27°51	6°50	10°41	12° 3	9° 2	0°13	W21
T 22	22 23 56	4° 9'44	20°35	29°49	27°33	20° 6	18° 4	18°28	6°19	27°49	6°50	10°35	11°59	9° 9	0°11	T 22
F 23	22 27 53	5° 8'10	5♍49	1♎ 0	28°47	20°45	18°12	18°28	6°21	27°48	6°49	10°31	11°56	9°16	0° 8	F 23
S 24	22 31 50	6° 6'39	21° 2	2°10	0♎ 0	21°24	18°19	18°28	6°24	27°46	6°48	10°28	11°53	9°22	0° 6	S 24
S 25	22 35 46	7° 5'09	6♎ 4	3°17	1°14	22° 4	18°26	18°R28	6°26	27°44	6°48	10°D27	11°50	9°29	0° 4	S 25
M26	22 39 43	8° 3'41	20°48	4°23	2°28	22°43	18°33	18°28	6°28	27°43	6°47	10°27	11°47	9°36	0° 1	M26
T 27	22 43 39	9° 2'15	5♏ 7	5°26	3°41	23°22	18°40	18°28	6°30	27°41	6°47	10°28	11°44	9°42	29♑59	T 27
W28	22 47 36	10° 0'51	19° 1	6°27	4°55	24° 2	18°46	18°28	6°32	27°40	6°46	10°30	11°40	9°49	29°57	W28
T 29	22 51 32	10°59'28	2♐29	7°25	6° 9	24°41	18°53	18°28	6°34	27°38	6°46	10°31	11°37	9°56	29°55	T 29
F 30	22 55 29	11°58'07	15°34	8°21	7°22	25°20	18°59	18°27	6°36	27°36	6°45	10°R31	11°34	10° 2	29°53	F 30
S 31	22 59 25	12♍56'47	28♐18	9♎14	8♎36	26♍ 0	19♊ 5	18♉27	6♋38	27♒35	6♑45	10♎30	11♎31	10♓ 9	29♑51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n46	15s22	3n21	12n53	1n 5	12n15	1n26	10n 2	0n57	22n11	0s32	15n 6	2s15	23n45	0n18	12s54	0s52	23s40	0s18	4s47	5s12	6s13	13s27	6n42
F 2	16 29	17 21	4 8	12 11	0 59	11 48	1 25	9 47	0 56	22 12	0 32	15 6	2 15	23 45	0 18	12 55	0 52	23 40	0 18	4 46	5 11	6 12	13 28	6 42
S 3	16 12	18 25	4 41	11 29	0 53	11 20	1 24	9 32	0 56	22 13	0 32	15 7	2 16	23 45	0 18	12 55	0 52	23 40	0 18	4 44	5 9	6 10	13 29	6 42
S 4	15 54	18 33	5 1	10 47	0 46	10 52	1 23	9 18	0 55	22 14	0 32	15 7	2 16	23 45	0 18	12 56	0 52	23 40	0 18	4 42	5 8	6 8	13 30	6 42
M 5	15 37	17 47	5 6	10 5	0 39	10 24	1 23	9 3	0 55	22 15	0 32	15 8	2 16	23 45	0 18	12 57	0 52	23 40	0 18	4 38	5 7	6 6	13 30	6 42
T 6	15 19	16 13	4 56	9 23	0 32	9 55	1 22	8 48	0 55	22 16	0 32	15 8	2 16	23 45	0 18	12 57	0 52	23 40	0 18	4 35	5 6	6 4	13 31	6 42
W 7	15 1	13 57	4 34	8 40	0 25	9 26	1 21	8 33	0 54	22 17	0 32	15 9	2 16	23 45	0 18	12 58	0 52	23 41	0 18	4 31	5 5	6 3	13 32	6 42
T 8	14 42	11 7	4 0	7 58	0 18	8 57	1 20	8 17	0 54	22 18	0 32	15 9	2 17	23 45	0 18	12 58	0 52	23 41	0 18	4 27	5 3	6 1	13 33	6 41
F 9	14 24	7 51	3 15	7 16	0 10	8 28	1 18	8 2	0 53	22 19	0 32	15 9	2 17	23 45	0 18	12 59	0 52	23 41	0 18	4 24	5 2	5 59	13 33	6 41
S 10	14 5	4 17	2 22	6 34	0 2	7 59	1 17	7 47	0 53	22 20	0 32	15 10	2 17	23 45	0 18	12 59	0 52	23 41	0 18	4 22	5 1	5 57	13 34	6 41
S 11	13 46	0 33	1 23	5 52	0s 6	7 29	1 16	7 32	0 52	22 21	0 32	15 10	2 17	23 44	0 19	13 0	0 52	23 41	0 18	4 21	5 0	5 55	13 35	6 41
M12	13 26	3n12	0 20	5 10	0 14	6 59	1 15	7 16	0 52	22 22	0 32	15 10	2 17	23 44	0 19	13 1	0 52	23 41	0 19	4 20	4 58	5 53	13 36	6 41
T 13	13 7	6 51	0s45	4 29	0 22	6 29	1 13	7 1	0 51	22 23	0 32	15 10	2 18	23 44	0 19	13 1	0 52	23 41	0 19	4 20	4 57	5 52	13 37	6 41
W14	12 47	10 16	1 48	3 47	0 30	5 59	1 12	6 45	0 51	22 24	0 32	15 10	2 18	23 44	0 19	13 2	0 52	23 41	0 19	4 21	4 56	5 50	13 37	6 40
T 15	12 27	13 19	2 48	3 7	0 39	5 28	1 10	6 30	0 51	22 25	0 32	15 10	2 18	23 44	0 19	13 2	0 52	23 42	0 19	4 21	4 55	5 48	13 38	6 40
F 16	12 7	15 48	3 41	2 26	0 47	4 58	1 9	6 14	0 50	22 25	0 32	15 11	2 18	23 44	0 19	13 3	0 52	23 42	0 19	4 21	4 53	5 46	13 39	6 40
S 17	11 47	17 34	4 24	1 46	0 56	4 27	1 7	5 59	0 50	22 26	0 32	15 11	2 18	23 44	0 19	13 4	0 52	23 42	0 19	4 21	4 52	5 44	13 40	6 40
S 18	11 26	18 26	4 55	1 7	1 4	3 56	1 5	5 43	0 49	22 27	0 32	15 11	2 19	23 44	0 19	13 4	0 52	23 42	0 19	4 20	4 51	5 43	13 40	6 39
M19	11 5	18 15	5 10	0 28	1 13	3 25	1 3	5 27	0 49	22 28	0 32	15 11	2 19	23 44	0 19	13 5	0 52	23 42	0 19	4 19	4 50	5 41	13 41	6 39
T 20	10 44	16 54	5 6	0s11	1 21	2 54	1 2	5 12	0 48	22 29	0 32	15 11	2 19	23 44	0 19	13 5	0 52	23 42	0 19	4 17	4 48	5 39	13 42	6 39
W21	10 23	14 25	4 43	0 49	1 30	2 23	1 0	4 56	0 48	22 29	0 32	15 11	2 19	23 43	0 19	13 6	0 52	23 42	0 19	4 15	4 47	5 37	13 43	6 39
T 22	10 2	10 56	3 59	1 26	1 39	1 52	0 58	4 40	0 47	22 30	0 32	15 11	2 20	23 43	0 19	13 6	0 52	23 42	0 19	4 13	4 46	5 35	13 44	6 38
F 23	9 41	6 40	2 58	2 2	1 47	1 20	0 56	4 24	0 47	22 31	0 32	15 10	2 20	23 43	0 19	13 7	0 52	23 43	0 19	4 11	4 45	5 34	13 44	6 38
S 24	9 19	1 59	1 44	2 38	1 56	0 49	0 54	4 8	0 46	22 31	0 32	15 10	2 20	23 43	0 19	13 8	0 52	23 43	0 20	4 10	4 43	5 32	13 45	6 38
S 25	8 57	2s47	0 24	3 12	2 4	0 18	0 52	3 52	0 46	22 32	0 32	15 10	2 20	23 43	0 19	13 8	0 52	23 43	0 20	4 9	4 42	5 30	13 46	6 38
M26	8 35	7 17	0n56	3 46	2 12	0s14	0 50	3 36	0 45	22 32	0 32	15 10	2 20	23 43	0 19	13 9	0 52	23 43	0 20	4 9	4 41	5 28	13 47	6 37
T 27	8 13	11 14	2 11	4 19	2 20	0 45	0 47	3 20	0 45	22 33	0 32	15 10	2 21	23 43	0 19	13 9	0 52	23 43	0 20	4 10	4 40	5 26	13 47	6 37
W28	7 51	14 25	3 16	4 51	2 28	1 17	0 45	3 4	0 44	22 34	0 32	15 9	2 21	23 43	0 19	13 10	0 52	23 43	0 20	4 11	4 38	5 25	13 48	6 37
T 29	7 29	16 43	4 8	5 21	2 36	1 48	0 43	2 48	0 44	22 34	0 32	15 9	2 21	23 43	0 19	13 10	0 52	23 43	0 20	4 11	4 37	5 23	13 49	6 36
F 30	7 6	18 3	4 45	5 50	2 44	2 19	0 40	2 32	0 43	22 35	0 32	15 9	2 21	23 43	0 19	13 11	0 52	23 43	0 20	4 11	4 36	5 21	13 50	6 36
S 31	6n44	18s26	5n 7	6s18	2s51	2s51	0n38	2n15	0n43	22n35	0s32	15n 9	2s21	23n43	0n19	13s12	0s52	23s43	0s20	4s11	4s35	5s19	13s50	6n36

Julian Day Number = 2096747.5, Delta T = 22m11s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'00, Lahiri = 10°19'01 Julian Calendar 1 Aug. 1028 == Greg. Calendar 7 Aug. 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

SEPTEMBER 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 3 22	13♍55'30	10♉45	10♎ 3	9♎50	26♍39	19♊11	18°R26	6♋40	27°R33	6°R45	10°R28	11♎28	10♓16	29°R49	S 1
M 2	23 7 19	14°54'14	22°58	10°50	11° 3	27°19	19°17	18♉25	6°42	27♒32	6♉44	10♎25	11°24	10°22	29♉47	M 2
T 3	23 11 15	15°53'00	5♒ 1	11°32	12°17	27°59	19°23	18°24	6°44	27°30	6°44	10°21	11°21	10°29	29°45	T 3
W 4	23 15 12	16°51'48	16°58	12°11	13°31	28°38	19°28	18°23	6°45	27°29	6°44	10°17	11°18	10°36	29°43	W 4
T 5	23 19 8	17°50'38	28°49	12°45	14°44	29°18	19°34	18°22	6°47	27°27	6°43	10°13	11°15	10°42	29°41	T 5
F 6	23 23 5	18°49'29	10♓39	13°15	15°58	29°58	19°39	18°21	6°49	27°26	6°43	10°10	11°12	10°49	29°39	F 6
S 7	23 27 1	19°48'23	22°28	13°39	17°11	0♎37	19°44	18°20	6°50	27°24	6°43	10° 8	11° 9	10°56	29°38	S 7
S 8	23 30 58	20°47'19	4♈19	13°59	18°25	1°17	19°49	18°18	6°52	27°23	6°43	10°D 7	11° 5	11° 2	29°36	S 8
M 9	23 34 54	21°46'17	16°14	14°12	19°38	1°57	19°53	18°17	6°53	27°21	6°43	10° 7	11° 2	11° 9	29°35	M 9
T 10	23 38 51	22°45'17	28°16	14°19	20°52	2°37	19°58	18°15	6°55	27°20	6°43	10° 7	10°59	11°16	29°33	T 10
W11	23 42 47	23°44'19	10♉27	14°R19	22° 5	3°17	20° 2	18°14	6°56	27°18	6°42	10° 9	10°56	11°22	29°32	W11
T 12	23 46 44	24°43'24	22°50	14°13	23°19	3°57	20° 6	18°12	6°58	27°17	6°42	10°10	10°53	11°29	29°30	T 12
F 13	23 50 41	25°42'31	5♊28	13°59	24°32	4°37	20°10	18°10	6°59	27°15	6°D42	10°11	10°49	11°36	29°29	F 13
S 14	23 54 37	26°41'40	18°25	13°37	25°46	5°17	20°14	18° 8	7° 0	27°14	6°42	10°12	10°46	11°42	29°28	S 14
S 15	23 58 34	27°40'52	1♋45	13° 7	26°59	5°57	20°17	18° 6	7° 1	27°13	6°42	10°R12	10°43	11°49	29°27	S 15
M16	0 2 30	28°40'06	15°28	12°29	28°12	6°37	20°21	18° 3	7° 3	27°11	6°43	10°12	10°40	11°56	29°25	M16
T 17	0 6 27	29°39'23	29°36	11°44	29°26	7°17	20°24	18° 1	7° 4	27°10	6°43	10°11	10°37	12° 2	29°24	T 17
W18	0 10 23	0♎38'42	14♌ 8	10°51	0♏39	7°57	20°27	17°59	7° 5	27° 9	6°43	10°10	10°34	12° 9	29°23	W18
T 19	0 14 20	1°38'03	28°59	9°52	1°52	8°38	20°30	17°56	7° 6	27° 7	6°43	10° 9	10°30	12°16	29°22	T 19
F 20	0 18 16	2°37'26	14♍ 2	8°47	3° 6	9°18	20°33	17°54	7° 7	27° 6	6°43	10° 8	10°27	12°22	29°22	F 20
S 21	0 22 13	3°36'52	29°10	7°38	4°19	9°58	20°35	17°51	7° 8	27° 5	6°43	10° 7	10°24	12°29	29°21	S 21
S 22	0 26 10	4°36'19	14♎13	6°26	5°32	10°39	20°37	17°48	7° 9	27° 4	6°44	10°D 7	10°21	12°36	29°20	S 22
M23	0 30 6	5°35'49	29° 3	5°14	6°46	11°19	20°40	17°45	7° 9	27° 2	6°44	10° 7	10°18	12°42	29°19	M23
T 24	0 34 3	6°35'21	13♏32	4° 3	7°59	12° 0	20°41	17°42	7°10	27° 1	6°44	10° 8	10°15	12°49	29°19	T 24
W25	0 37 59	7°34'55	27°36	2°55	9°12	12°40	20°43	17°39	7°11	27° 0	6°44	10° 8	10°11	12°56	29°18	W25
T 26	0 41 56	8°34'30	11♐13	1°53	10°26	13°21	20°45	17°36	7°11	26°59	6°45	10° 8	10° 8	13° 2	29°18	T 26
F 27	0 45 52	9°34'08	24°24	0°57	11°39	14° 2	20°46	17°33	7°12	26°58	6°45	10° 8	10° 5	13° 9	29°17	F 27
S 28	0 49 49	10°33'47	7♑11	0°11	12°52	14°42	20°47	17°29	7°13	26°57	6°46	10° 8	10° 2	13°15	29°17	S 28
S 29	0 53 45	11°33'28	19°38	29♍35	14° 5	15°23	20°48	17°26	7°13	26°56	6°46	10° 8	9°59	13°22	29°17	S 29
M30	0 57 42	12♎33'10	1♒49	29♍ 9	15♏18	16♎ 4	20♊49	17♉22	7♋13	26♒55	6♑47	10♎ 8	9♎55	13♓29	29♑17	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n21	17s54	5n14	6s44	2s58	3s22	0n36	1n59	0n43	22n36	0s31	15n 8	2s22	23n43	0n19	13s12	0s52	23s44	0s20	4s10	4s33	5s17	13s51	6n35
M 2	5 59	16 33	5 7	7 8	3 5	3 53	0 33	1 43	0 42	22 36	0 31	15 8	2 22	23 43	0 19	13 13	0 52	23 44	0 20	4 9	4 32	5 15	13 52	6 35
T 3	5 36	14 29	4 46	7 31	3 11	4 25	0 31	1 27	0 42	22 37	0 31	15 7	2 22	23 42	0 19	13 13	0 52	23 44	0 20	4 7	4 31	5 14	13 52	6 35
W 4	5 13	11 49	4 12	7 52	3 17	4 56	0 28	1 10	0 41	22 37	0 31	15 7	2 22	23 42	0 19	13 14	0 52	23 44	0 20	4 5	4 30	5 12	13 53	6 34
T 5	4 50	8 41	3 28	8 10	3 23	5 27	0 25	0 54	0 41	22 38	0 31	15 6	2 22	23 42	0 19	13 14	0 52	23 44	0 21	4 4	4 28	5 10	13 54	6 34
F 6	4 27	5 13	2 36	8 26	3 28	5 58	0 23	0 38	0 40	22 38	0 31	15 6	2 22	23 42	0 19	13 15	0 52	23 44	0 21	4 3	4 27	5 8	13 54	6 34
S 7	4 3	1 32	1 36	8 40	3 32	6 28	0 20	0 21	0 40	22 38	0 31	15 5	2 23	23 42	0 19	13 15	0 52	23 44	0 21	4 2	4 26	5 6	13 55	6 33
S 8	3 40	2n13	0 32	8 51	3 35	6 59	0 17	0 5	0 39	22 39	0 31	15 5	2 23	23 42	0 19	13 16	0 52	23 44	0 21	4 1	4 25	5 5	13 56	6 33
M 9	3 17	5 54	0s34	8 58	3 38	7 30	0 15	0s11	0 39	22 39	0 31	15 4	2 23	23 42	0 19	13 16	0 52	23 44	0 21	4 1	4 23	5 3	13 57	6 33
T 10	2 53	9 22	1 39	9 3	3 40	8 0	0 12	0 28	0 38	22 40	0 31	15 4	2 23	23 42	0 19	13 17	0 52	23 44	0 21	4 2	4 22	5 1	13 57	6 32
W11	2 30	12 30	2 40	9 4	3 41	8 30	0 9	0 44	0 38	22 40	0 31	15 3	2 23	23 42	0 19	13 17	0 52	23 45	0 21	4 2	4 21	4 59	13 58	6 32
T 12	2 6	15 6	3 35	9 1	3 40	9 0	0 6	1 1	0 37	22 40	0 31	15 2	2 24	23 42	0 19	13 18	0 52	23 45	0 21	4 3	4 20	4 57	13 58	6 32
F 13	1 43	17 3	4 21	8 53	3 38	9 30	0 3	1 17	0 37	22 41	0 31	15 2	2 24	23 42	0 19	13 18	0 52	23 45	0 21	4 3	4 18	4 55	13 59	6 31
S 14	1 19	18 10	4 55	8 42	3 35	10 0	0 0	1 33	0 36	22 41	0 31	15 1	2 24	23 42	0 19	13 19	0 52	23 45	0 21	4 4	4 17	4 54	14 0	6 31
S 15	0 56	18 19	5 14	8 26	3 30	10 29	0s 2	1 50	0 36	22 41	0 31	15 0	2 24	23 42	0 19	13 19	0 52	23 45	0 21	4 4	4 16	4 52	14 0	6 30
M16	0 32	17 26	5 16	8 5	3 24	10 58	0 5	2 6	0 35	22 41	0 31	14 59	2 24	23 42	0 19	13 20	0 52	23 45	0 21	4 3	4 15	4 50	14 1	6 30
T 17	0 8	15 27	4 59	7 39	3 15	11 27	0 8	2 23	0 34	22 42	0 31	14 59	2 24	23 42	0 19	13 20	0 52	23 45	0 22	4 3	4 13	4 48	14 2	6 30
W18	0s15	12 28	4 23	7 9	3 5	11 56	0 11	2 39	0 34	22 42	0 31	14 58	2 25	23 42	0 19	13 21	0 52	23 45	0 22	4 3	4 12	4 46	14 2	6 29
T 19	0 39	8 37	3 29	6 34	2 53	12 24	0 14	2 56	0 33	22 42	0 31	14 57	2 25	23 42	0 19	13 21	0 52	23 45	0 22	4 2	4 11	4 45	14 3	6 29
F 20	1 3	4 10	2 20	5 56	2 39	12 53	0 17	3 12	0 33	22 42	0 31	14 56	2 25	23 42	0 19	13 21	0 52	23 45	0 22	4 2	4 10	4 43	14 3	6 28
S 21	1 27	0s36	1 1	5 14	2 23	13 20	0 20	3 28	0 32	22 43	0 31	14 55	2 25	23 42	0 20	13 22	0 52	23 45	0 22	4 2	4 8	4 41	14 4	6 28
S 22	1 50	5 17	0n23	4 29	2 5	13 48	0 23	3 45	0 32	22 43	0 31	14 54	2 25	23 42	0 20	13 22	0 52	23 45	0 22	4 2	4 7	4 39	14 4	6 28
M23	2 14	9 35	1 43	3 43	1 47	14 15	0 26	4 1	0 31	22 43	0 31	14 53	2 25	23 42	0 20	13 23	0 52	23 45	0 22	4 2	4 6	4 37	14 5	6 27
T 24	2 38	13 12	2 55	2 57	1 27	14 42	0 29	4 18	0 31	22 43	0 31	14 52	2 25	23 42	0 20	13 23	0 52	23 46	0 22	4 2	4 5	4 35	14 5	6 27
W25	3 1	15 55	3 55	2 11	1 7	15 9	0 32	4 34	0 30	22 43	0 31	14 51	2 26	23 42	0 20	13 24	0 52	23 46	0 22	4 2	4 3	4 34	14 6	6 26
T 26	3 25	17 38	4 39	1 27	0 46	15 35	0 35	4 50	0 30	22 43	0 31	14 50	2 26	23 42	0 20	13 24	0 52	23 46	0 22	4 2	4 2	4 32	14 6	6 26
F 27	3 49	18 21	5 6	0 46	0 25	16 1	0 38	5 7	0 29	22 43	0 31	14 49	2 26	23 42	0 20	13 24	0 52	23 46	0 22	4 2	4 1	4 30	14 7	6 25
S 28	4 12	18 5	5 18	0 9	0 6	16 26	0 41	5 23	0 29	22 44	0 31	14 48	2 26	23 42	0 20	13 25	0 52	23 46	0 22	4 2	4 0	4 28	14 7	6 25
S 29	4 36	16 57	5 14	0n23	0n13	16 51	0 44	5 39	0 28	22 44	0 31	14 47	2 26	23 42	0 20	13 25	0 52	23 46	0 23	4 2	3 58	4 26	14 8	6 25
M30	4s59	15s 3	4n56	0n49	0n31	17s16	0s47	5s56	0n28	22n44	0s31	14n46	2s26	23n42	0n20	13s25	0s52	23s46	0s23	4s 2	3s57	4s24	14s 8	6n24

Julian Day Number = 2096778.5, Delta T = 22m10s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'05, Lahiri = 10°19'05 Julian Calendar 1 Sept. 1028 == Greg. Calendar 7 Sept. 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

OCTOBER 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 1 39	13♎32'55	13♒49	28°R54	16♏31	16♎45	20♊49	17°R19	7♋14	26°R54	6♉47	10♎ 9	9♎52	13♓35	29°R16	T 1
W 2	1 5 35	14°32'41	25°41	28°D51	17°45	17°26	20°49	17♉15	7°14	26♒53	6°48	10° 9	9°49	13°42	29♉16	W 2
T 3	1 9 32	15°32'29	7♓30	28♍59	18°58	18° 6	20°R49	17°11	7°14	26°52	6°48	10°10	9°46	13°49	29°D16	T 3
F 4	1 13 28	16°32'19	19°19	29°18	20°11	18°47	20°49	17° 8	7°15	26°51	6°49	10°10	9°43	13°55	29°16	F 4
S 5	1 17 25	17°32'10	1♈11	29°46	21°24	19°28	20°49	17° 4	7°15	26°50	6°49	10°11	9°40	14° 2	29°17	S 5
S 6	1 21 21	18°32'04	13° 8	0♎24	22°37	20° 9	20°49	17° 0	7°15	26°49	6°50	10°R11	9°36	14° 9	29°17	S 6
M 7	1 25 18	19°31'59	25°14	1°11	23°50	20°51	20°48	16°56	7°R15	26°48	6°51	10°11	9°33	14°15	29°17	M 7
T 8	1 29 14	20°31'57	7♉28	2° 4	25° 3	21°32	20°47	16°52	7°15	26°47	6°52	10°10	9°30	14°22	29°17	T 8
W 9	1 33 11	21°31'57	19°53	3° 5	26°16	22°13	20°46	16°47	7°15	26°46	6°52	10° 8	9°27	14°29	29°18	W 9
T 10	1 37 7	22°31'58	2♊31	4°12	27°28	22°54	20°45	16°43	7°15	26°46	6°53	10° 7	9°24	14°35	29°18	T 10
F 11	1 41 4	23°32'02	15°22	5°23	28°41	23°35	20°43	16°39	7°15	26°45	6°54	10° 5	9°21	14°42	29°19	F 11
S 12	1 45 1	24°32'08	28°28	6°40	29°54	24°17	20°41	16°35	7°14	26°44	6°55	10° 3	9°17	14°49	29°19	S 12
S 13	1 48 57	25°32'16	11♋49	7°59	1♐ 7	24°58	20°40	16°30	7°14	26°43	6°56	10° 2	9°14	14°55	29°20	S 13
M14	1 52 54	26°32'27	25°28	9°23	2°20	25°39	20°37	16°26	7°14	26°43	6°56	10°D 1	9°11	15° 2	29°21	M14
T 15	1 56 50	27°32'39	9♌25	10°48	3°33	26°21	20°35	16°21	7°13	26°42	6°57	10° 2	9° 8	15° 9	29°22	T 15
W16	2 0 47	28°32'54	23°38	12°17	4°45	27° 2	20°33	16°17	7°13	26°42	6°58	10° 3	9° 5	15°15	29°22	W16
T 17	2 4 43	29°33'10	8♍ 7	13°46	5°58	27°44	20°30	16°12	7°12	26°41	6°59	10° 4	9° 1	15°22	29°23	T 17
F 18	2 8 40	0♏33'29	22°47	15°18	7°11	28°26	20°27	16° 8	7°12	26°41	7° 0	10° 5	8°58	15°29	29°24	F 18
S 19	2 12 36	1°33'49	7♎35	16°50	8°23	29° 7	20°24	16° 3	7°11	26°40	7° 1	10°R 6	8°55	15°35	29°26	S 19
S 20	2 16 33	2°34'12	22°22	18°24	9°36	29°49	20°21	15°58	7°11	26°40	7° 2	10° 6	8°52	15°42	29°27	S 20
M21	2 20 30	3°34'36	7♏ 2	19°58	10°48	0♏31	20°17	15°54	7°10	26°39	7° 3	10° 4	8°49	15°49	29°28	M21
T 22	2 24 26	4°35'02	21°27	21°33	12° 1	1°13	20°14	15°49	7° 9	26°39	7° 5	10° 1	8°46	15°55	29°29	T 22
W23	2 28 23	5°35'30	5♐33	23° 9	13°13	1°54	20°10	15°44	7° 8	26°38	7° 6	9°57	8°42	16° 2	29°30	W23
T 24	2 32 19	6°36'00	19°15	24°44	14°26	2°36	20° 6	15°39	7° 8	26°38	7° 7	9°53	8°39	16° 9	29°32	T 24
F 25	2 36 16	7°36'30	2♑32	26°20	15°38	3°18	20° 1	15°34	7° 7	26°38	7° 8	9°49	8°36	16°15	29°33	F 25
S 26	2 40 12	8°37'02	15°24	27°56	16°51	4° 0	19°57	15°30	7° 6	26°38	7° 9	9°46	8°33	16°22	29°35	S 26
S 27	2 44 9	9°37'36	27°54	29°32	18° 3	4°42	19°52	15°25	7° 5	26°37	7°10	9°44	8°30	16°29	29°36	S 27
M28	2 48 5	10°38'11	10♒ 7	1♏ 8	19°15	5°24	19°48	15°20	7° 4	26°37	7°12	9°D43	8°26	16°35	29°38	M28
T 29	2 52 2	11°38'47	22° 6	2°44	20°28	6° 7	19°43	15°15	7° 3	26°37	7°13	9°44	8°23	16°42	29°40	T 29
W30	2 55 59	12°39'24	3♓57	4°20	21°40	6°49	19°38	15°10	7° 1	26°37	7°14	9°45	8°20	16°49	29°42	W30
T 31	2 59 55	13♏40'02	15♓45	5♏56	22♐52	7♏31	19♊32	15♉ 5	7♋ 0	26♒37	7♉16	9♎47	8♎17	16♓55	29♉44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s22	12s32	4n25	1n10	0n48	17s40	0s50	6s12	0n27	22n44	0s31	14n45	2s26	23n42	0n20	13s26	0s52	23s46	0s23	4s 2	3s56	4s23	14s 9	6n24
W 2	5 46	9 31	3 43	1 25	1 3	18 4	0 53	6 28	0 27	22 44	0 31	14 44	2 26	23 42	0 20	13 26	0 52	23 46	0 23	4 2	3 55	4 21	14 9	6 23
T 3	6 9	6 8	2 52	1 34	1 16	18 27	0 56	6 44	0 26	22 44	0 31	14 43	2 27	23 42	0 20	13 26	0 52	23 46	0 23	4 3	3 53	4 19	14 10	6 23
F 4	6 32	2 31	1 53	1 38	1 28	18 50	0 59	7 0	0 25	22 44	0 31	14 41	2 27	23 42	0 20	13 27	0 52	23 46	0 23	4 3	3 52	4 17	14 10	6 23
S 5	6 55	1n14	0 50	1 35	1 38	19 12	1 2	7 16	0 25	22 44	0 31	14 40	2 27	23 42	0 20	13 27	0 52	23 46	0 23	4 3	3 51	4 15	14 10	6 22
S 6	7 18	4 58	0s16	1 28	1 47	19 34	1 5	7 33	0 24	22 44	0 31	14 39	2 27	23 42	0 20	13 27	0 52	23 46	0 23	4 3	3 50	4 13	14 11	6 22
M 7	7 41	8 32	1 23	1 16	1 54	19 55	1 8	7 49	0 24	22 44	0 31	14 38	2 27	23 42	0 20	13 28	0 52	23 46	0 23	4 3	3 48	4 12	14 11	6 21
T 8	8 4	11 47	2 26	0 59	1 59	20 16	1 11	8 5	0 23	22 44	0 31	14 37	2 27	23 42	0 20	13 28	0 52	23 46	0 23	4 3	3 47	4 10	14 12	6 21
W 9	8 26	14 33	3 23	0 39	2 3	20 36	1 13	8 21	0 23	22 44	0 31	14 35	2 27	23 42	0 20	13 28	0 52	23 46	0 23	4 2	3 46	4 8	14 12	6 20
T 10	8 49	16 40	4 11	0 15	2 6	20 56	1 16	8 36	0 22	22 44	0 31	14 34	2 27	23 42	0 20	13 28	0 52	23 46	0 23	4 1	3 44	4 6	14 12	6 20
F 11	9 11	17 59	4 48	0s12	2 8	21 15	1 19	8 52	0 22	22 44	0 30	14 33	2 27	23 42	0 20	13 29	0 52	23 46	0 24	4 1	3 43	4 4	14 13	6 20
S 12	9 33	18 23	5 10	0 41	2 9	21 34	1 22	9 8	0 21	22 44	0 30	14 32	2 27	23 42	0 20	13 29	0 52	23 46	0 24	4 0	3 42	4 3	14 13	6 19
S 13	9 55	17 47	5 16	1 13	2 9	21 52	1 25	9 24	0 20	22 44	0 30	14 30	2 27	23 42	0 20	13 29	0 52	23 46	0 24	4 0	3 41	4 1	14 13	6 19
M14	10 17	16 9	5 5	1 47	2 8	22 9	1 27	9 40	0 20	22 43	0 30	14 29	2 27	23 42	0 20	13 29	0 52	23 47	0 24	3 59	3 39	3 59	14 13	6 18
T 15	10 39	13 33	4 36	2 22	2 6	22 26	1 30	9 55	0 19	22 43	0 30	14 28	2 27	23 42	0 20	13 29	0 52	23 47	0 24	4 0	3 38	3 57	14 14	6 18
W16	11 1	10 6	3 50	2 59	2 4	22 43	1 32	10 11	0 19	22 43	0 30	14 26	2 27	23 42	0 20	13 30	0 52	23 47	0 24	4 0	3 37	3 55	14 14	6 17
T 17	11 22	5 59	2 48	3 37	2 1	22 58	1 35	10 26	0 18	22 43	0 30	14 25	2 27	23 42	0 20	13 30	0 52	23 47	0 24	4 0	3 36	3 53	14 14	6 17
F 18	11 44	1 26	1 34	4 15	1 57	23 13	1 37	10 42	0 18	22 43	0 30	14 24	2 27	23 42	0 20	13 30	0 52	23 47	0 24	4 1	3 34	3 52	14 14	6 17
S 19	12 5	3s14	0 14	4 55	1 53	23 28	1 40	10 57	0 17	22 43	0 30	14 22	2 28	23 42	0 20	13 30	0 52	23 47	0 24	4 1	3 33	3 50	14 15	6 16
S 20	12 26	7 43	1n 7	5 35	1 48	23 41	1 42	11 12	0 16	22 43	0 30	14 21	2 28	23 42	0 20	13 30	0 52	23 47	0 24	4 1	3 32	3 48	14 15	6 16
M21	12 46	11 41	2 23	6 15	1 43	23 54	1 45	11 28	0 16	22 42	0 30	14 20	2 28	23 42	0 20	13 30	0 52	23 47	0 24	4 0	3 31	3 46	14 15	6 15
T 22	13 7	14 52	3 28	6 56	1 38	24 7	1 47	11 43	0 15	22 42	0 30	14 18	2 28	23 42	0 20	13 30	0 52	23 47	0 24	3 59	3 29	3 44	14 15	6 15
W23	13 27	17 5	4 19	7 36	1 33	24 18	1 49	11 58	0 15	22 42	0 30	14 17	2 28	23 42	0 20	13 31	0 52	23 47	0 24	3 58	3 28	3 42	14 15	6 14
T 24	13 47	18 14	4 54	8 17	1 27	24 30	1 51	12 13	0 14	22 42	0 30	14 15	2 28	23 43	0 20	13 31	0 52	23 47	0 25	3 56	3 27	3 41	14 15	6 14
F 25	14 7	18 21	5 11	8 57	1 21	24 40	1 53	12 28	0 14	22 41	0 30	14 14	2 28	23 43	0 20	13 31	0 52	23 47	0 25	3 55	3 26	3 39	14 15	6 14
S 26	14 27	17 30	5 12	9 38	1 15	24 49	1 56	12 43	0 13	22 41	0 30	14 13	2 28	23 43	0 20	13 31	0 52	23 47	0 25	3 53	3 24	3 37	14 15	6 13
S 27	14 46	15 49	4 58	10 18	1 8	24 58	1 58	12 58	0 12	22 41	0 30	14 11	2 27	23 43	0 20	13 31	0 52	23 47	0 25	3 53	3 23	3 35	14 16	6 13
M28	15 5	13 27	4 31	10 58	1 2	25 7	1 59	13 12	0 12	22 41	0 30	14 10	2 27	23 43	0 20	13 31	0 52	23 47	0 25	3 52	3 22	3 33	14 16	6 12
T 29	15 24	10 33	3 52	11 37	0 56	25 14	2 1	13 27	0 11	22 40	0 29	14 9	2 27	23 43	0 21	13 31	0 52	23 47	0 25	3 52	3 21	3 31	14 16	6 12
W30	15 43	7 15	3 4	12 16	0 49	25 21	2 3	13 41	0 11	22 40	0 29	14 7	2 27	23 43	0 21	13 31	0 52	23 47	0 25	3 53	3 19	3 30	14 16	6 12
T 31	16s 1	3s41	2n 8	12s54	0n42	25s27	2s 5	13s56	0n10	22n40	0s29	14n 6	2s27	23n43	0n21	13s31	0s52	23s47	0s25	3s54	3s18	3s28	14s16	6n11

Julian Day Number = 2096808.5, Delta T = 22m10s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'09, Lahiri = 10°19'09 Julian Calendar 1 Oct. 1028 == Greg. Calendar 7 Oct. 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

NOVEMBER 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 3 52	14♏40'42	27♓35	7♏31	24♐ 4	8♏13	19°R27	15°R 0	6°R59	26°R37	7♑17	9♎49	8♎14	17♓ 2	29♑45	F 1
S 2	3 7 48	15°41'23	9♈31	9° 7	25°16	8°55	19♊21	14♉55	6♋58	26°D37	7°18	9°R49	8°11	17° 8	29°47	S 2
S 3	3 11 45	16°42'05	21°36	10°42	26°28	9°38	19°16	14°50	6°56	26♒37	7°20	9°49	8° 7	17°15	29°49	S 3
M 4	3 15 41	17°42'49	3♉53	12°18	27°40	10°20	19°10	14°45	6°55	26°37	7°21	9°46	8° 4	17°22	29°52	M 4
T 5	3 19 38	18°43'33	16°23	13°53	28°52	11° 3	19° 4	14°40	6°53	26°37	7°23	9°42	8° 1	17°28	29°54	T 5
W 6	3 23 34	19°44'20	29° 8	15°28	0♑ 3	11°45	18°58	14°36	6°52	26°37	7°24	9°35	7°58	17°35	29°56	W 6
T 7	3 27 31	20°45'07	12♊ 8	17° 3	1°15	12°28	18°51	14°31	6°50	26°37	7°26	9°28	7°55	17°42	29°58	T 7
F 8	3 31 28	21°45'56	25°21	18°37	2°27	13°10	18°45	14°26	6°49	26°37	7°27	9°21	7°52	17°48	0♒ 0	F 8
S 9	3 35 24	22°46'46	8♋46	20°12	3°38	13°53	18°38	14°21	6°47	26°38	7°29	9°14	7°48	17°55	0° 3	S 9
S 10	3 39 21	23°47'38	22°22	21°46	4°50	14°36	18°32	14°16	6°46	26°38	7°30	9° 8	7°45	18° 2	0° 5	S 10
M11	3 43 17	24°48'31	6♌ 9	23°21	6° 1	15°18	18°25	14°11	6°44	26°38	7°32	9° 4	7°42	18° 8	0° 8	M11
T 12	3 47 14	25°49'26	20° 4	24°55	7°13	16° 1	18°18	14° 7	6°42	26°39	7°33	9°D 3	7°39	18°15	0°10	T 12
W13	3 51 10	26°50'22	4♍ 7	26°30	8°24	16°44	18°11	14° 2	6°40	26°39	7°35	9° 3	7°36	18°22	0°13	W13
T 14	3 55 7	27°51'19	18°17	28° 4	9°35	17°27	18° 3	13°57	6°38	26°39	7°37	9° 4	7°32	18°28	0°16	T 14
F 15	3 59 3	28°52'18	2♎34	29°38	10°46	18°10	17°56	13°52	6°37	26°40	7°38	9°R 5	7°29	18°35	0°18	F 15
S 16	4 3 0	29°53'18	16°53	1♐12	11°58	18°53	17°49	13°48	6°35	26°40	7°40	9° 5	7°26	18°42	0°21	S 16
S 17	4 6 57	0♐54'19	1♏14	2°47	13° 9	19°36	17°41	13°43	6°33	26°41	7°42	9° 2	7°23	18°48	0°24	S 17
M18	4 10 53	1°55'21	15°30	4°21	14°19	20°19	17°34	13°39	6°31	26°41	7°43	8°58	7°20	18°55	0°27	M18
T 19	4 14 50	2°56'25	29°38	5°55	15°30	21° 2	17°26	13°34	6°29	26°42	7°45	8°51	7°17	19° 2	0°30	T 19
W20	4 18 46	3°57'29	13♐31	7°30	16°41	21°45	17°18	13°30	6°27	26°42	7°47	8°42	7°13	19° 8	0°33	W20
T 21	4 22 43	4°58'34	27° 6	9° 4	17°52	22°28	17°11	13°25	6°25	26°43	7°48	8°31	7°10	19°15	0°36	T 21
F 22	4 26 39	5°59'40	10♑20	10°39	19° 2	23°11	17° 3	13°21	6°23	26°44	7°50	8°21	7° 7	19°22	0°39	F 22
S 23	4 30 36	7° 0'46	23°13	12°13	20°13	23°55	16°55	13°17	6°20	26°44	7°52	8°12	7° 4	19°28	0°42	S 23
S 24	4 34 32	8° 1'53	5♒44	13°48	21°23	24°38	16°47	13°12	6°18	26°45	7°54	8° 5	7° 1	19°35	0°45	S 24
M25	4 38 29	9° 3'00	17°58	15°23	22°33	25°21	16°39	13° 8	6°16	26°46	7°56	8° 0	6°58	19°42	0°48	M25
T 26	4 42 26	10° 4'07	29°59	16°58	23°43	26° 5	16°31	13° 4	6°14	26°47	7°57	7°57	6°54	19°48	0°52	T 26
W27	4 46 22	11° 5'15	11♓50	18°33	24°53	26°48	16°23	13° 0	6°12	26°48	7°59	7°D57	6°51	19°55	0°55	W27
T 28	4 50 19	12° 6'24	23°38	20° 8	26° 3	27°32	16°14	12°56	6° 9	26°48	8° 1	7°57	6°48	20° 1	0°58	T 28
F 29	4 54 15	13° 7'32	5♈28	21°43	27°13	28°15	16° 6	12°52	6° 7	26°49	8° 3	7°R58	6°45	20° 8	1° 2	F 29
S 30	4 58 12	14♐ 8'41	17♈25	23♐18	28♑22	28♏59	15♊58	12♉48	6♋ 5	26♒50	8♑ 5	7♎57	6♎42	20♓15	1♒ 5	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s19	0n 3	1n 6	13s32	0n35	25s32	2s 6	14s10	0n 9	22n39	0s29	14n 4	2s27	23n43	0n21	13s31	0s52	23s47	0s25	3s54	3s17	3s26	14s16	6n11
S 2	16 37	3 49	0 2	14 9	0 29	25 37	2 8	14 24	0 9	22 39	0 29	14 3	2 27	23 43	0 21	13 31	0 52	23 47	0 25	3 55	3 16	3 24	14 16	6 10
S 3	16 55	7 28	1s 4	14 46	0 22	25 40	2 9	14 38	0 8	22 39	0 29	14 2	2 27	23 43	0 21	13 31	0 52	23 47	0 25	3 54	3 14	3 22	14 16	6 10
M 4	17 12	10 53	2 7	15 22	0 15	25 43	2 11	14 52	0 8	22 38	0 29	14 0	2 27	23 43	0 21	13 31	0 52	23 47	0 25	3 53	3 13	3 20	14 16	6 10
T 5	17 29	13 51	3 6	15 57	0 8	25 46	2 12	15 6	0 7	22 38	0 29	13 59	2 27	23 44	0 21	13 31	0 52	23 47	0 26	3 52	3 12	3 18	14 16	6 9
W 6	17 46	16 14	3 56	16 32	0 2	25 47	2 13	15 20	0 6	22 37	0 29	13 58	2 27	23 44	0 21	13 31	0 52	23 47	0 26	3 49	3 11	3 17	14 15	6 9
T 7	18 2	17 49	4 35	17 6	0s 5	25 48	2 15	15 34	0 6	22 37	0 29	13 56	2 27	23 44	0 21	13 31	0 52	23 47	0 26	3 46	3 9	3 15	14 15	6 8
F 8	18 18	18 29	5 0	17 39	0 12	25 48	2 16	15 47	0 5	22 36	0 29	13 55	2 27	23 44	0 21	13 31	0 52	23 47	0 26	3 43	3 8	3 13	14 15	6 8
S 9	18 34	18 8	5 9	18 11	0 18	25 47	2 17	16 1	0 5	22 36	0 29	13 54	2 27	23 44	0 21	13 31	0 51	23 47	0 26	3 40	3 7	3 11	14 15	6 8
S 10	18 49	16 45	5 1	18 42	0 25	25 46	2 18	16 14	0 4	22 35	0 28	13 52	2 27	23 44	0 21	13 30	0 51	23 47	0 26	3 38	3 5	3 9	14 15	6 7
M11	19 4	14 23	4 35	19 13	0 31	25 44	2 18	16 27	0 3	22 35	0 28	13 51	2 26	23 44	0 21	13 30	0 51	23 47	0 26	3 37	3 4	3 7	14 15	6 7
T 12	19 19	11 10	3 54	19 42	0 38	25 41	2 19	16 40	0 3	22 34	0 28	13 50	2 26	23 44	0 21	13 30	0 51	23 47	0 26	3 36	3 3	3 6	14 15	6 7
W13	19 33	7 18	2 57	20 11	0 44	25 37	2 20	16 53	0 2	22 34	0 28	13 48	2 26	23 44	0 21	13 30	0 51	23 47	0 26	3 36	3 2	3 4	14 14	6 6
T 14	19 47	2 58	1 50	20 39	0 50	25 33	2 20	17 6	0 2	22 33	0 28	13 47	2 26	23 45	0 21	13 30	0 51	23 47	0 26	3 37	3 0	3 2	14 14	6 6
F 15	20 1	1s34	0 35	21 5	0 56	25 27	2 21	17 19	0 1	22 33	0 28	13 46	2 26	23 45	0 21	13 30	0 51	23 47	0 26	3 37	2 59	3 0	14 14	6 6
S 16	20 14	6 1	0n42	21 31	1 2	25 22	2 21	17 31	0 0	22 32	0 28	13 45	2 26	23 45	0 21	13 30	0 51	23 47	0 26	3 37	2 58	2 58	14 14	6 5
S 17	20 27	10 9	1 56	21 56	1 7	25 15	2 21	17 44	0s 0	22 32	0 28	13 43	2 26	23 45	0 21	13 29	0 51	23 47	0 27	3 36	2 57	2 56	14 14	6 5
M18	20 39	13 39	3 3	22 19	1 13	25 8	2 21	17 56	0 1	22 31	0 28	13 42	2 25	23 45	0 21	13 29	0 51	23 47	0 27	3 34	2 55	2 55	14 13	6 4
T 19	20 51	16 19	3 57	22 41	1 18	25 0	2 21	18 8	0 2	22 31	0 27	13 41	2 25	23 45	0 21	13 29	0 51	23 47	0 27	3 31	2 54	2 53	14 13	6 4
W20	21 3	17 58	4 37	23 3	1 24	24 51	2 21	18 20	0 2	22 30	0 27	13 40	2 25	23 45	0 21	13 29	0 51	23 47	0 27	3 28	2 53	2 51	14 13	6 4
T 21	21 14	18 33	4 59	23 23	1 29	24 41	2 21	18 32	0 3	22 29	0 27	13 39	2 25	23 45	0 21	13 28	0 51	23 47	0 27	3 24	2 52	2 49	14 12	6 3
F 22	21 25	18 5	5 5	23 42	1 33	24 31	2 20	18 43	0 3	22 29	0 27	13 37	2 25	23 46	0 21	13 28	0 51	23 47	0 27	3 20	2 50	2 47	14 12	6 3
S 23	21 36	16 42	4 55	24 0	1 38	24 20	2 20	18 55	0 4	22 28	0 27	13 36	2 25	23 46	0 21	13 28	0 51	23 47	0 27	3 16	2 49	2 45	14 12	6 3
S 24	21 46	14 33	4 31	24 16	1 42	24 9	2 19	19 6	0 5	22 27	0 27	13 35	2 24	23 46	0 21	13 28	0 51	23 47	0 27	3 13	2 48	2 44	14 11	6 3
M25	21 55	11 48	3 55	24 31	1 46	23 57	2 19	19 17	0 5	22 27	0 27	13 34	2 24	23 46	0 21	13 27	0 51	23 47	0 27	3 11	2 47	2 42	14 11	6 2
T 26	22 4	8 36	3 9	24 45	1 50	23 44	2 18	19 28	0 6	22 26	0 27	13 33	2 24	23 46	0 21	13 27	0 51	23 47	0 27	3 10	2 45	2 40	14 11	6 2
W27	22 13	5 5	2 15	24 57	1 54	23 30	2 17	19 39	0 7	22 25	0 26	13 32	2 24	23 46	0 21	13 27	0 51	23 47	0 27	3 10	2 44	2 38	14 10	6 2
T 28	22 22	1 23	1 16	25 8	1 57	23 16	2 16	19 50	0 7	22 25	0 26	13 31	2 24	23 46	0 21	13 26	0 51	23 46	0 27	3 10	2 43	2 36	14 10	6 1
F 29	22 29	2n23	0 13	25 18	2 0	23 2	2 15	20 0	0 8	22 24	0 26	13 30	2 24	23 46	0 21	13 26	0 51	23 46	0 28	3 10	2 42	2 34	14 9	6 1
S 30	22s37	6n 6	0s50	25s26	2s 3	22s46	2s14	20s10	0s 9	22n23	0s26	13n29	2s23	23n47	0n21	13s26	0s51	23s46	0s28	3s10	2s40	2s32	14s 9	6n 1

Julian Day Number = 2096839.5, Delta T = 22m10s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'13, Lahiri = 10°19'13 Julian Calendar 1 Nov. 1028 == Greg. Calendar 7 Nov. 1028

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ASTRODIENST EPHEMERIS for the year 1028
geocentric

DECEMBER 1028 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 2 8	15♐ 9'50	29♈34	24♐54	29♑32	29♏43	15°R50	12°R45	6°R 2	26♒51	8♑ 7	7°R55	6♎38	20♓21	1♒ 9	S 1
M 2	5 6 5	16°10'59	12♉ 0	26°29	0♒41	0♐26	15♊42	12♉41	6♋ 0	26°52	8° 9	7♎50	6°35	20°28	1°12	M 2
T 3	5 10 1	17°12'08	24°44	28° 4	1°50	1°10	15°34	12°37	5°57	26°53	8°10	7°42	6°32	20°35	1°16	T 3
W 4	5 13 58	18°13'18	7♊47	29°40	2°59	1°54	15°26	12°34	5°55	26°54	8°12	7°32	6°29	20°41	1°19	W 4
T 5	5 17 55	19°14'28	21°10	1♑15	4° 8	2°38	15°17	12°30	5°53	26°55	8°14	7°21	6°26	20°48	1°23	T 5
F 6	5 21 51	20°15'39	4♋49	2°50	5°17	3°21	15° 9	12°27	5°50	26°57	8°16	7° 8	6°23	20°55	1°27	F 6
S 7	5 25 48	21°16'49	18°42	4°25	6°26	4° 5	15° 1	12°24	5°48	26°58	8°18	6°56	6°19	21° 1	1°31	S 7
S 8	5 29 44	22°18'00	2♌44	6° 0	7°34	4°49	14°53	12°21	5°45	26°59	8°20	6°46	6°16	21° 8	1°34	S 8
M 9	5 33 41	23°19'11	16°50	7°34	8°42	5°33	14°45	12°17	5°43	27° 0	8°22	6°39	6°13	21°15	1°38	M 9
T 10	5 37 37	24°20'23	0♍59	9° 8	9°50	6°17	14°37	12°14	5°40	27° 1	8°24	6°35	6°10	21°21	1°42	T 10
W11	5 41 34	25°21'35	15° 6	10°41	10°58	7° 1	14°29	12°12	5°38	27° 3	8°26	6°33	6° 7	21°28	1°46	W11
T 12	5 45 30	26°22'47	29°11	12°13	12° 5	7°46	14°22	12° 9	5°35	27° 4	8°28	6°33	6° 4	21°35	1°50	T 12
F 13	5 49 27	27°24'00	13♎13	13°44	13°13	8°30	14°14	12° 6	5°32	27° 5	8°30	6°33	6° 0	21°41	1°54	F 13
S 14	5 53 24	28°25'13	27°12	15°14	14°20	9°14	14° 6	12° 3	5°30	27° 7	8°32	6°32	5°57	21°48	1°58	S 14
S 15	5 57 20	29°26'26	11♏ 6	16°42	15°27	9°58	13°58	12° 1	5°27	27° 8	8°34	6°28	5°54	21°55	2° 2	S 15
M16	6 1 17	0♑27'39	24°55	18° 8	16°34	10°42	13°51	11°58	5°25	27° 9	8°36	6°21	5°51	22° 1	2° 6	M16
T 17	6 5 13	1°28'52	8♐36	19°32	17°41	11°27	13°43	11°56	5°22	27°11	8°38	6°12	5°48	22° 8	2°10	T 17
W18	6 9 10	2°30'05	22° 6	20°53	18°47	12°11	13°36	11°54	5°20	27°12	8°40	6° 0	5°44	22°14	2°14	W18
T 19	6 13 6	3°31'18	5♑23	22°10	19°53	12°56	13°29	11°52	5°17	27°14	8°42	5°46	5°41	22°21	2°18	T 19
F 20	6 17 3	4°32'31	18°23	23°24	20°59	13°40	13°22	11°50	5°14	27°15	8°44	5°32	5°38	22°28	2°22	F 20
S 21	6 21 0	5°33'43	1♒ 7	24°32	22° 4	14°25	13°15	11°48	5°12	27°17	8°46	5°19	5°35	22°34	2°26	S 21
S 22	6 24 56	6°34'55	13°34	25°36	23°10	15° 9	13° 8	11°46	5° 9	27°19	8°48	5° 8	5°32	22°41	2°31	S 22
M23	6 28 53	7°36'06	25°46	26°33	24°15	15°54	13° 1	11°44	5° 7	27°20	8°50	5° 1	5°29	22°48	2°35	M23
T 24	6 32 49	8°37'17	7♓45	27°23	25°20	16°38	12°54	11°43	5° 4	27°22	8°52	4°56	5°25	22°54	2°39	T 24
W25	6 36 46	9°38'27	19°36	28° 5	26°24	17°23	12°48	11°41	5° 1	27°23	8°54	4°53	5°22	23° 1	2°43	W25
T 26	6 40 42	10°39'36	1♈23	28°38	27°28	18° 8	12°41	11°40	4°59	27°25	8°56	4°52	5°19	23° 8	2°48	T 26
F 27	6 44 39	11°40'44	13°12	29° 1	28°32	18°52	12°35	11°39	4°56	27°27	8°58	4°52	5°16	23°14	2°52	F 27
S 28	6 48 35	12°41'51	25° 8	29°14	29°36	19°37	12°29	11°37	4°54	27°29	9° 0	4°52	5°13	23°21	2°56	S 28
S 29	6 52 32	13°42'58	7♉18	29°R16	0♓39	20°22	12°23	11°36	4°51	27°30	9° 2	4°50	5°10	23°28	3° 1	S 29
M30	6 56 29	14°44'03	19°45	29° 6	1°42	21° 7	12°17	11°36	4°48	27°32	9° 4	4°45	5° 6	23°34	3° 5	M30
T 31	7 0 25	15♑45'08	2♊34	28♑45	2♓44	21♐52	12♊11	11♉35	4♋46	27♒34	9♑ 6	4♎38	5♎ 3	23♓41	3♒ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s44	9n37	1s53	25s33	2s 5	22s30	2s12	20s21	0s 9	22n23	0s26	13n28	2s23	23n47	0n21	13s25	0s51	23s46	0s28	3s 9	2s39	2s31	14s 8	6n 0
M 2	22 50	12 48	2 51	25 38	2 7	22 14	2 11	20 30	0 10	22 22	0 26	13 27	2 23	23 47	0 21	13 25	0 51	23 46	0 28	3 7	2 38	2 29	14 8	6 0
T 3	22 57	15 28	3 42	25 42	2 9	21 57	2 9	20 40	0 10	22 21	0 26	13 26	2 23	23 47	0 21	13 25	0 51	23 46	0 28	3 4	2 36	2 27	14 7	6 0
W 4	23 2	17 24	4 22	25 44	2 10	21 39	2 7	20 50	0 11	22 20	0 25	13 26	2 22	23 47	0 21	13 24	0 51	23 46	0 28	3 0	2 35	2 25	14 7	6 0
T 5	23 7	18 27	4 50	25 44	2 11	21 21	2 6	20 59	0 12	22 20	0 25	13 25	2 22	23 47	0 21	13 24	0 51	23 46	0 28	2 56	2 34	2 23	14 6	5 59
F 6	23 12	18 27	5 1	25 43	2 11	21 2	2 4	21 8	0 12	22 19	0 25	13 24	2 22	23 47	0 21	13 24	0 51	23 46	0 28	2 51	2 33	2 21	14 6	5 59
S 7	23 16	17 22	4 55	25 40	2 11	20 43	2 1	21 17	0 13	22 18	0 25	13 23	2 22	23 47	0 21	13 23	0 51	23 46	0 28	2 46	2 31	2 20	14 5	5 59
S 8	23 20	15 15	4 32	25 36	2 10	20 23	1 59	21 26	0 14	22 17	0 25	13 22	2 22	23 48	0 21	13 23	0 51	23 46	0 28	2 42	2 30	2 18	14 5	5 59
M 9	23 24	12 12	3 51	25 30	2 9	20 3	1 57	21 35	0 14	22 17	0 25	13 22	2 21	23 48	0 21	13 22	0 51	23 46	0 28	2 39	2 29	2 16	14 4	5 58
T 10	23 26	8 26	2 57	25 22	2 7	19 43	1 54	21 43	0 15	22 16	0 25	13 21	2 21	23 48	0 21	13 22	0 51	23 46	0 28	2 38	2 28	2 14	14 4	5 58
W11	23 29	4 12	1 51	25 12	2 5	19 21	1 52	21 51	0 16	22 15	0 24	13 20	2 21	23 48	0 21	13 21	0 51	23 46	0 29	2 37	2 26	2 12	14 3	5 58
T 12	23 31	0s16	0 39	25 1	2 2	19 0	1 49	21 59	0 16	22 14	0 24	13 20	2 21	23 48	0 21	13 21	0 51	23 46	0 29	2 37	2 25	2 10	14 2	5 58
F 13	23 32	4 42	0n35	24 48	1 58	18 38	1 46	22 7	0 17	22 14	0 24	13 19	2 20	23 48	0 21	13 20	0 51	23 46	0 29	2 37	2 24	2 9	14 2	5 57
S 14	23 33	8 52	1 47	24 34	1 54	18 15	1 43	22 14	0 18	22 13	0 24	13 19	2 20	23 48	0 21	13 20	0 51	23 46	0 29	2 36	2 23	2 7	14 1	5 57
S 15	23 34	12 31	2 52	24 18	1 48	17 52	1 40	22 22	0 18	22 12	0 24	13 18	2 20	23 48	0 21	13 19	0 51	23 46	0 29	2 35	2 21	2 5	14 0	5 57
M16	23 34	15 26	3 46	24 1	1 42	17 29	1 36	22 29	0 19	22 11	0 24	13 18	2 19	23 48	0 21	13 19	0 51	23 46	0 29	2 32	2 20	2 3	14 0	5 57
T 17	23 33	17 28	4 27	23 42	1 35	17 5	1 33	22 36	0 20	22 11	0 23	13 17	2 19	23 49	0 21	13 18	0 51	23 46	0 29	2 28	2 19	2 1	13 59	5 57
W18	23 32	18 29	4 51	23 22	1 27	16 41	1 29	22 42	0 20	22 10	0 23	13 17	2 19	23 49	0 21	13 18	0 51	23 46	0 29	2 24	2 18	1 59	13 58	5 56
T 19	23 31	18 27	5 0	23 1	1 19	16 17	1 26	22 49	0 21	22 9	0 23	13 16	2 19	23 49	0 21	13 17	0 51	23 46	0 29	2 18	2 16	1 57	13 58	5 56
F 20	23 29	17 27	4 53	22 39	1 9	15 52	1 22	22 55	0 22	22 9	0 23	13 16	2 18	23 49	0 21	13 17	0 51	23 46	0 29	2 13	2 15	1 56	13 57	5 56
S 21	23 27	15 36	4 31	22 16	0 58	15 27	1 18	23 1	0 22	22 8	0 23	13 16	2 18	23 49	0 21	13 16	0 51	23 46	0 29	2 7	2 14	1 54	13 56	5 56
S 22	23 24	13 4	3 56	21 53	0 46	15 2	1 14	23 7	0 23	22 7	0 22	13 15	2 18	23 49	0 21	13 16	0 51	23 46	0 30	2 3	2 12	1 52	13 55	5 56
M23	23 21	10 0	3 11	21 30	0 33	14 36	1 9	23 12	0 24	22 6	0 22	13 15	2 18	23 49	0 22	13 15	0 51	23 46	0 30	2 0	2 11	1 50	13 55	5 56
T 24	23 17	6 34	2 18	21 6	0 19	14 10	1 5	23 17	0 24	22 6	0 22	13 15	2 17	23 49	0 22	13 15	0 51	23 45	0 30	1 58	2 10	1 48	13 54	5 55
W25	23 13	2 55	1 20	20 43	0 4	13 44	1 1	23 22	0 25	22 5	0 22	13 15	2 17	23 49	0 22	13 14	0 51	23 45	0 30	1 57	2 9	1 46	13 53	5 55
T 26	23 8	0n50	0 19	20 21	0n12	13 17	0 56	23 27	0 26	22 5	0 22	13 15	2 17	23 50	0 22	13 13	0 51	23 45	0 30	1 57	2 7	1 45	13 52	5 55
F 27	23 3	4 34	0s44	19 59	0 29	12 50	0 51	23 32	0 26	22 4	0 22	13 14	2 16	23 50	0 22	13 13	0 51	23 45	0 30	1 57	2 6	1 43	13 51	5 55
S 28	22 57	8 9	1 45	19 39	0 47	12 24	0 46	23 36	0 27	22 3	0 21	13 14	2 16	23 50	0 22	13 12	0 51	23 45	0 30	1 57	2 5	1 41	13 51	5 55
S 29	22 51	11 27	2 43	19 21	1 5	11 56	0 41	23 40	0 28	22 3	0 21	13 14	2 16	23 50	0 22	13 12	0 51	23 45	0 30	1 56	2 4	1 39	13 50	5 55
M30	22 45	14 20	3 34	19 5	1 23	11 29	0 36	23 44	0 28	22 2	0 21	13 14	2 16	23 50	0 22	13 11	0 51	23 45	0 30	1 54	2 2	1 37	13 49	5 55
T 31	22s38	16n36	4s16	18s51	1n42	11s 2	0s31	23s47	0s29	22n 2	0s21	13n14	2s15	23n50	0n22	13s10	0s51	23s45	0s30	1s51	2s 1	1s35	13s48	5n55

Julian Day Number = 2096869.5, Delta T = 22m09s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'17, Lahiri = 10°19'18 Julian Calendar 1 Dec. 1028 == Greg. Calendar 7 Dec. 1028

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

JANUARY 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 4 22	16♑46'12	15♊48	28°R12	3♓46	22♐37	12°R 6	11°R34	4°R43	27♒36	9♑ 8	4°R29	5♎ 0	23♓48	3♒14	W 1
T 2	7 8 18	17°47'15	29°26	27♑29	4°48	23°22	12♊ 0	11♉33	4♋41	27°38	9°10	4♎17	4°57	23°54	3°18	T 2
F 3	7 12 15	18°48'17	13♋27	26°35	5°49	24° 7	11°55	11°33	4°38	27°39	9°12	4° 5	4°54	24° 1	3°23	F 3
S 4	7 16 11	19°49'18	27°45	25°33	6°50	24°52	11°50	11°33	4°36	27°41	9°14	3°53	4°50	24° 8	3°27	S 4
S 5	7 20 8	20°50'18	12♌14	24°25	7°51	25°37	11°45	11°32	4°33	27°43	9°16	3°43	4°47	24°14	3°31	S 5
M 6	7 24 4	21°51'18	26°49	23°12	8°51	26°22	11°41	11°32	4°31	27°45	9°18	3°36	4°44	24°21	3°36	M 6
T 7	7 28 1	22°52'16	11♍21	21°56	9°50	27° 7	11°36	11°D32	4°29	27°47	9°20	3°31	4°41	24°27	3°40	T 7
W 8	7 31 58	23°53'14	25°47	20°41	10°49	27°52	11°32	11°32	4°26	27°49	9°22	3°30	4°38	24°34	3°45	W 8
T 9	7 35 54	24°54'11	10♎ 3	19°28	11°48	28°37	11°28	11°33	4°24	27°51	9°24	3°D29	4°35	24°41	3°49	T 9
F 10	7 39 51	25°55'08	24° 6	18°18	12°46	29°23	11°24	11°33	4°21	27°53	9°26	3°R30	4°31	24°47	3°54	F 10
S 11	7 43 47	26°56'03	7♏58	17°14	13°43	0♑ 8	11°20	11°33	4°19	27°55	9°28	3°29	4°28	24°54	3°58	S 11
S 12	7 47 44	27°56'58	21°37	16°18	14°40	0°53	11°16	11°34	4°17	27°57	9°30	3°27	4°25	25° 1	4° 3	S 12
M13	7 51 40	28°57'52	5♐ 6	15°28	15°37	1°38	11°13	11°35	4°14	27°59	9°32	3°22	4°22	25° 7	4° 7	M13
T 14	7 55 37	29°58'45	18°22	14°47	16°32	2°24	11°10	11°35	4°12	28° 1	9°34	3°14	4°19	25°14	4°12	T 14
W15	7 59 33	0♒59'38	1♑28	14°15	17°28	3° 9	11° 7	11°36	4°10	28° 3	9°36	3° 4	4°16	25°21	4°16	W15
T 16	8 3 30	2° 0'29	14°21	13°51	18°22	3°55	11° 4	11°37	4° 8	28° 5	9°38	2°53	4°12	25°27	4°21	T 16
F 17	8 7 27	3° 1'18	27° 3	13°35	19°16	4°40	11° 1	11°38	4° 5	28° 7	9°39	2°41	4° 9	25°34	4°25	F 17
S 18	8 11 23	4° 2'07	9♒31	13°27	20° 9	5°26	10°59	11°40	4° 3	28° 9	9°41	2°30	4° 6	25°41	4°30	S 18
S 19	8 15 20	5° 2'54	21°47	13°D27	21° 2	6°11	10°57	11°41	4° 1	28°11	9°43	2°21	4° 3	25°47	4°35	S 19
M20	8 19 16	6° 3'40	3♓52	13°34	21°54	6°57	10°54	11°42	3°59	28°14	9°45	2°15	4° 0	25°54	4°39	M20
T 21	8 23 13	7° 4'24	15°47	13°48	22°45	7°42	10°53	11°44	3°57	28°16	9°47	2°11	3°56	26° 1	4°44	T 21
W22	8 27 9	8° 5'06	27°36	14° 7	23°35	8°28	10°51	11°46	3°55	28°18	9°49	2°D 9	3°53	26° 7	4°48	W22
T 23	8 31 6	9° 5'47	9♈22	14°33	24°25	9°14	10°50	11°47	3°53	28°20	9°50	2° 9	3°50	26°14	4°53	T 23
F 24	8 35 2	10° 6'26	21°10	15° 4	25°13	9°59	10°48	11°49	3°51	28°22	9°52	2°10	3°47	26°20	4°57	F 24
S 25	8 38 59	11° 7'03	3♉ 5	15°40	26° 1	10°45	10°47	11°51	3°49	28°24	9°54	2°11	3°44	26°27	5° 2	S 25
S 26	8 42 56	12° 7'39	15°12	16°20	26°48	11°31	10°47	11°53	3°47	28°27	9°56	2°R12	3°41	26°34	5° 6	S 26
M27	8 46 52	13° 8'13	27°37	17° 4	27°33	12°17	10°46	11°56	3°45	28°29	9°58	2°10	3°37	26°40	5°11	M27
T 28	8 50 49	14° 8'45	10♊24	17°52	28°18	13° 2	10°45	11°58	3°43	28°31	9°59	2° 7	3°34	26°47	5°15	T 28
W29	8 54 45	15° 9'15	23°37	18°44	29° 2	13°48	10°45	12° 0	3°42	28°33	10° 1	2° 2	3°31	26°54	5°20	W29
T 30	8 58 42	16° 9'43	7♋18	19°38	29°45	14°34	10°D45	12° 3	3°40	28°36	10° 3	1°55	3°28	27° 0	5°24	T 30
F 31	9 2 38	17♒10'09	21♋25	20♑36	0♈26	15♑20	10♊45	12♉ 6	3♋38	28♒38	10♑ 4	1♎48	3♎25	27♓ 7	5♒29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s30	18n 4	4s46	18s40	2n 0	10s34	0s25	23s51	0s30	22n 1	0s21	13n14	2s15	23n50	0n22	13s10	0s51	23s45	0s30	1s47	2s 0	1s33	13s47	5n54
T 2	22 22	18 33	5 0	18 31	2 18	10 6	0 20	23 54	0 30	22 0	0 21	13 15	2 15	23 50	0 22	13 9	0 51	23 45	0 31	1 43	1 59	1 32	13 46	5 54
F 3	22 14	17 57	4 57	18 25	2 35	9 38	0 14	23 57	0 31	22 0	0 20	13 15	2 14	23 50	0 22	13 8	0 51	23 45	0 31	1 38	1 57	1 30	13 45	5 54
S 4	22 5	16 12	4 36	18 21	2 50	9 10	0 8	23 59	0 31	21 59	0 20	13 15	2 14	23 50	0 22	13 8	0 51	23 45	0 31	1 33	1 56	1 28	13 44	5 54
S 5	21 56	13 26	3 57	18 20	3 4	8 42	0 2	24 1	0 32	21 59	0 20	13 15	2 14	23 51	0 22	13 7	0 51	23 45	0 31	1 29	1 55	1 26	13 43	5 54
M 6	21 47	9 48	3 2	18 21	3 15	8 14	0n 4	24 4	0 33	21 59	0 20	13 15	2 14	23 51	0 22	13 6	0 51	23 45	0 31	1 26	1 53	1 24	13 43	5 54
T 7	21 37	5 34	1 55	18 24	3 25	7 45	0 11	24 5	0 33	21 58	0 20	13 16	2 13	23 51	0 22	13 6	0 51	23 45	0 31	1 24	1 52	1 22	13 42	5 54
W 8	21 26	1 4	0 41	18 29	3 31	7 17	0 17	24 7	0 34	21 58	0 19	13 16	2 13	23 51	0 22	13 5	0 51	23 45	0 31	1 24	1 51	1 21	13 41	5 54
T 9	21 16	3s28	0n35	18 35	3 36	6 49	0 24	24 8	0 35	21 57	0 19	13 16	2 13	23 51	0 22	13 4	0 51	23 45	0 31	1 24	1 50	1 19	13 40	5 54
F 10	21 4	7 44	1 47	18 43	3 37	6 20	0 30	24 9	0 35	21 57	0 19	13 17	2 12	23 51	0 22	13 4	0 51	23 45	0 31	1 24	1 48	1 17	13 39	5 54
S 11	20 53	11 31	2 53	18 51	3 37	5 52	0 37	24 10	0 36	21 57	0 19	13 17	2 12	23 51	0 22	13 3	0 51	23 45	0 31	1 24	1 47	1 15	13 38	5 54
S 12	20 41	14 36	3 47	19 1	3 34	5 23	0 44	24 10	0 37	21 56	0 19	13 17	2 12	23 51	0 22	13 2	0 51	23 45	0 31	1 23	1 46	1 13	13 37	5 54
M13	20 28	16 52	4 28	19 11	3 30	4 55	0 51	24 11	0 37	21 56	0 18	13 18	2 11	23 51	0 22	13 2	0 51	23 45	0 32	1 21	1 45	1 11	13 36	5 54
T 14	20 16	18 10	4 54	19 22	3 24	4 27	0 58	24 11	0 38	21 56	0 18	13 19	2 11	23 51	0 22	13 1	0 51	23 45	0 32	1 18	1 43	1 9	13 35	5 54
W15	20 2	18 30	5 4	19 33	3 16	3 58	1 6	24 10	0 39	21 56	0 18	13 19	2 11	23 51	0 22	13 0	0 51	23 44	0 32	1 14	1 42	1 8	13 34	5 53
T 16	19 49	17 51	4 58	19 44	3 8	3 30	1 13	24 10	0 39	21 55	0 18	13 20	2 11	23 51	0 22	12 59	0 51	23 44	0 32	1 9	1 41	1 6	13 33	5 53
F 17	19 35	16 19	4 37	19 55	2 58	3 2	1 21	24 9	0 40	21 55	0 18	13 20	2 10	23 52	0 22	12 59	0 51	23 44	0 32	1 4	1 40	1 4	13 32	5 53
S 18	19 21	14 3	4 4	20 6	2 48	2 34	1 28	24 8	0 41	21 55	0 18	13 21	2 10	23 52	0 22	12 58	0 51	23 44	0 32	1 0	1 38	1 2	13 31	5 53
S 19	19 6	11 11	3 19	20 16	2 37	2 6	1 36	24 6	0 41	21 55	0 17	13 22	2 10	23 52	0 22	12 57	0 51	23 44	0 32	0 57	1 37	1 0	13 30	5 53
M20	18 51	7 53	2 26	20 27	2 26	1 38	1 44	24 5	0 42	21 55	0 17	13 22	2 9	23 52	0 22	12 56	0 51	23 44	0 32	0 54	1 36	0 58	13 29	5 53
T 21	18 36	4 18	1 27	20 37	2 14	1 10	1 52	24 3	0 43	21 55	0 17	13 23	2 9	23 52	0 22	12 56	0 51	23 44	0 32	0 52	1 34	0 56	13 28	5 53
W22	18 20	0 35	0 24	20 46	2 3	0 43	2 1	24 1	0 43	21 55	0 17	13 24	2 9	23 52	0 22	12 55	0 51	23 44	0 32	0 52	1 33	0 55	13 26	5 53
T 23	18 4	3n 8	0s39	20 55	1 51	0 16	2 9	23 58	0 44	21 55	0 17	13 25	2 8	23 52	0 22	12 54	0 51	23 44	0 33	0 52	1 32	0 53	13 25	5 53
F 24	17 48	6 45	1 41	21 3	1 40	0n11	2 17	23 56	0 45	21 55	0 16	13 26	2 8	23 52	0 22	12 53	0 51	23 44	0 33	0 52	1 31	0 51	13 24	5 53
S 25	17 32	10 7	2 39	21 11	1 28	0 38	2 26	23 53	0 45	21 55	0 16	13 27	2 8	23 52	0 22	12 53	0 51	23 44	0 33	0 53	1 29	0 49	13 23	5 54
S 26	17 15	13 7	3 31	21 18	1 16	1 5	2 35	23 49	0 46	21 55	0 16	13 27	2 8	23 52	0 22	12 52	0 51	23 44	0 33	0 53	1 28	0 47	13 22	5 54
M27	16 58	15 35	4 15	21 23	1 5	1 31	2 43	23 46	0 47	21 55	0 16	13 28	2 7	23 52	0 22	12 51	0 51	23 44	0 33	0 52	1 27	0 45	13 21	5 54
T 28	16 40	17 23	4 47	21 28	0 54	1 57	2 52	23 42	0 47	21 55	0 16	13 29	2 7	23 52	0 22	12 50	0 51	23 44	0 33	0 51	1 26	0 44	13 20	5 54
W29	16 22	18 19	5 6	21 32	0 43	2 23	3 1	23 38	0 48	21 55	0 16	13 30	2 7	23 52	0 22	12 50	0 51	23 44	0 33	0 49	1 24	0 42	13 19	5 54
T 30	16 4	18 15	5 8	21 35	0 32	2 48	3 11	23 34	0 48	21 55	0 15	13 31	2 6	23 52	0 22	12 49	0 51	23 44	0 33	0 46	1 23	0 40	13 18	5 54
F 31	15s46	17n 3	4s51	21s37	0n22	3n14	3n20	23s29	0s49	21n55	0s15	13n33	2s 6	23n52	0n22	12s48	0s51	23s44	0s33	0s43	1s22	0s38	13s17	5n54

Julian Day Number = 2096900.5, Delta T = 22m09s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'21, Lahiri = 10°19'22 Julian Calendar 1 Jan. 1029 == Greg. Calendar 7 Jan. 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

FEBRUARY 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 6 35	18♒10'34	5♌56	21♑37	1♈ 6	16♑ 6	10♊46	12♉ 8	3°R37	28♒40	10♑ 6	1°R41	3♎21	27♓14	5♒33	S 1
S 2	9 10 31	19°10'57	20°45	22°40	1°46	16°52	10°46	12°11	3♋35	28°42	10° 8	1♎35	3°18	27°20	5°37	S 2
M 3	9 14 28	20°11'18	5♍43	23°45	2°23	17°38	10°47	12°14	3°33	28°45	10° 9	1°30	3°15	27°27	5°42	M 3
T 4	9 18 25	21°11'37	20°41	24°53	3° 0	18°24	10°48	12°17	3°32	28°47	10°11	1°28	3°12	27°34	5°46	T 4
W 5	9 22 21	22°11'55	5♎31	26° 2	3°35	19°10	10°49	12°20	3°30	28°49	10°13	1°D28	3° 9	27°40	5°51	W 5
T 6	9 26 18	23°12'11	20° 7	27°14	4° 9	19°56	10°51	12°24	3°29	28°51	10°14	1°29	3° 6	27°47	5°55	T 6
F 7	9 30 14	24°12'25	4♏26	28°27	4°41	20°42	10°52	12°27	3°28	28°54	10°16	1°30	3° 2	27°53	5°59	F 7
S 8	9 34 11	25°12'39	18°25	29°43	5°12	21°28	10°54	12°30	3°26	28°56	10°17	1°31	2°59	28° 0	6° 4	S 8
S 9	9 38 7	26°12'50	2♐ 4	1♒ 0	5°41	22°14	10°56	12°34	3°25	28°58	10°19	1°R31	2°56	28° 7	6° 8	S 9
M10	9 42 4	27°13'00	15°24	2°18	6° 9	23° 0	10°58	12°38	3°24	29° 0	10°20	1°30	2°53	28°13	6°12	M10
T 11	9 46 0	28°13'09	28°27	3°38	6°34	23°46	11° 0	12°41	3°23	29° 3	10°22	1°27	2°50	28°20	6°17	T 11
W12	9 49 57	29°13'16	11♑15	5° 0	6°58	24°32	11° 3	12°45	3°21	29° 5	10°23	1°22	2°47	28°27	6°21	W12
T 13	9 53 54	0♓13'21	23°50	6°23	7°21	25°18	11° 6	12°49	3°20	29° 7	10°25	1°17	2°43	28°33	6°25	T 13
F 14	9 57 50	1°13'24	6♒12	7°47	7°41	26° 4	11° 9	12°53	3°19	29°10	10°26	1°11	2°40	28°40	6°29	F 14
S 15	10 1 47	2°13'26	18°25	9°13	7°59	26°50	11°12	12°57	3°18	29°12	10°28	1° 6	2°37	28°47	6°33	S 15
S 16	10 5 43	3°13'26	0♓28	10°40	8°16	27°37	11°15	13° 1	3°17	29°14	10°29	1° 2	2°34	28°53	6°38	S 16
M17	10 9 40	4°13'23	12°24	12° 8	8°30	28°23	11°18	13° 6	3°16	29°16	10°30	0°59	2°31	29° 0	6°42	M17
T 18	10 13 36	5°13'19	24°14	13°37	8°42	29° 9	11°22	13°10	3°16	29°19	10°32	0°58	2°27	29° 7	6°46	T 18
W19	10 17 33	6°13'12	6♈ 1	15° 8	8°52	29°55	11°26	13°15	3°15	29°21	10°33	0°D58	2°24	29°13	6°50	W19
T 20	10 21 29	7°13'04	17°48	16°40	9° 0	0♒42	11°30	13°19	3°14	29°23	10°34	0°59	2°21	29°20	6°54	T 20
F 21	10 25 26	8°12'53	29°37	18°13	9° 6	1°28	11°34	13°24	3°13	29°25	10°35	1° 0	2°18	29°27	6°58	F 21
S 22	10 29 22	9°12'40	11♉33	19°48	9° 9	2°14	11°38	13°28	3°13	29°28	10°37	1° 2	2°15	29°33	7° 2	S 22
S 23	10 33 19	10°12'25	23°40	21°23	9°R 9	3° 0	11°43	13°33	3°12	29°30	10°38	1° 3	2°12	29°40	7° 6	S 23
M24	10 37 16	11°12'07	6♊ 3	23° 0	9° 8	3°47	11°48	13°38	3°12	29°32	10°39	1°R 4	2° 8	29°46	7°10	M24
T 25	10 41 12	12°11'48	18°45	24°38	9° 3	4°33	11°53	13°43	3°11	29°34	10°40	1° 4	2° 5	29°53	7°14	T 25
W26	10 45 9	13°11'26	1♋52	26°18	8°57	5°19	11°58	13°48	3°11	29°37	10°41	1° 3	2° 2	29°59	7°18	W26
T 27	10 49 5	14°11'01	15°25	27°58	8°47	6° 6	12° 3	13°53	3°10	29°39	10°43	1° 2	1°59	0♈ 6	7°21	T 27
F 28	10 53 2	15♓10'34	29♋27	29♒40	8♈35	6♒52	12♊ 8	13♉59	3♋10	29♒41	10♑44	1♎ 0	1♎56	0♈13	7♒25	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s28	14n45	4s16	21s37	0n12	3n38	3n29	23s25	0s50	21n56	0s15	13n34	2s 6	23n52	0n22	12s47	0s51	23s44	0s33	0s40	1s21	0s36	13s15	5n54
S 2	15 9	11 27	3 23	21 37	0 2	4 2	3 38	23 19	0 50	21 56	0 15	13 35	2 6	23 52	0 22	12 46	0 51	23 44	0 34	0 38	1 19	0 34	13 14	5 54
M 3	14 50	7 22	2 15	21 35	0s 8	4 26	3 48	23 14	0 51	21 56	0 15	13 36	2 5	23 52	0 22	12 46	0 51	23 44	0 34	0 36	1 18	0 32	13 13	5 54
T 4	14 30	2 49	0 58	21 32	0 17	4 50	3 58	23 9	0 52	21 56	0 14	13 37	2 5	23 52	0 22	12 45	0 51	23 44	0 34	0 35	1 17	0 31	13 12	5 54
W 5	14 11	1s52	0n22	21 28	0 26	5 13	4 7	23 3	0 52	21 57	0 14	13 38	2 5	23 52	0 22	12 44	0 51	23 44	0 34	0 35	1 15	0 29	13 11	5 54
T 6	13 51	6 22	1 40	21 23	0 35	5 35	4 17	22 57	0 53	21 57	0 14	13 40	2 4	23 53	0 22	12 43	0 51	23 44	0 34	0 35	1 14	0 27	13 10	5 54
F 7	13 31	10 24	2 50	21 17	0 43	5 57	4 27	22 50	0 53	21 58	0 14	13 41	2 4	23 53	0 22	12 43	0 51	23 44	0 34	0 36	1 13	0 25	13 9	5 54
S 8	13 11	13 44	3 48	21 9	0 51	6 18	4 37	22 44	0 54	21 58	0 14	13 42	2 4	23 53	0 22	12 42	0 51	23 44	0 34	0 36	1 12	0 23	13 7	5 55
S 9	12 51	16 14	4 32	20 59	0 58	6 39	4 46	22 37	0 55	21 58	0 14	13 44	2 4	23 53	0 22	12 41	0 51	23 44	0 34	0 36	1 10	0 21	13 6	5 55
M10	12 30	17 47	5 0	20 49	1 6	6 59	4 56	22 30	0 55	21 59	0 13	13 45	2 3	23 53	0 22	12 40	0 51	23 44	0 34	0 36	1 9	0 20	13 5	5 55
T 11	12 9	18 21	5 12	20 37	1 13	7 18	5 6	22 23	0 56	21 59	0 13	13 46	2 3	23 53	0 22	12 39	0 51	23 44	0 34	0 35	1 8	0 18	13 4	5 55
W12	11 48	17 58	5 8	20 24	1 19	7 37	5 16	22 15	0 56	22 0	0 13	13 48	2 3	23 53	0 21	12 39	0 51	23 44	0 35	0 33	1 7	0 16	13 3	5 55
T 13	11 27	16 42	4 49	20 9	1 26	7 55	5 26	22 7	0 57	22 0	0 13	13 49	2 3	23 53	0 21	12 38	0 51	23 44	0 35	0 31	1 5	0 14	13 2	5 55
F 14	11 6	14 41	4 16	19 54	1 32	8 12	5 36	21 59	0 58	22 1	0 13	13 51	2 2	23 53	0 21	12 37	0 51	23 44	0 35	0 29	1 4	0 12	13 0	5 55
S 15	10 44	12 1	3 33	19 36	1 37	8 28	5 46	21 51	0 58	22 2	0 13	13 52	2 2	23 53	0 21	12 36	0 51	23 44	0 35	0 26	1 3	0 10	12 59	5 56
S 16	10 22	8 52	2 40	19 18	1 42	8 44	5 56	21 42	0 59	22 2	0 12	13 54	2 2	23 53	0 21	12 35	0 51	23 44	0 35	0 25	1 1	0 8	12 58	5 56
M17	10 1	5 24	1 40	18 58	1 47	8 59	6 5	21 34	0 59	22 3	0 12	13 55	2 2	23 53	0 21	12 35	0 51	23 44	0 35	0 24	1 0	0 7	12 57	5 56
T 18	9 39	1 44	0 37	18 36	1 52	9 12	6 15	21 25	1 0	22 4	0 12	13 57	2 1	23 53	0 21	12 34	0 51	23 44	0 35	0 23	0 59	0 5	12 56	5 56
W19	9 17	1n59	0s28	18 13	1 56	9 25	6 24	21 15	1 1	22 4	0 12	13 58	2 1	23 53	0 21	12 33	0 51	23 44	0 35	0 23	0 58	0 3	12 55	5 56
T 20	8 54	5 36	1 32	17 49	1 59	9 37	6 34	21 6	1 1	22 5	0 12	14 0	2 1	23 53	0 21	12 32	0 51	23 44	0 35	0 23	0 56	0 1	12 53	5 56
F 21	8 32	9 2	2 32	17 23	2 3	9 47	6 43	20 56	1 2	22 6	0 12	14 2	2 1	23 53	0 21	12 31	0 51	23 44	0 35	0 24	0 55	0n 1	12 52	5 57
S 22	8 9	12 7	3 26	16 56	2 5	9 57	6 52	20 46	1 2	22 6	0 11	14 3	2 0	23 53	0 21	12 31	0 51	23 44	0 36	0 25	0 54	0 3	12 51	5 57
S 23	7 47	14 43	4 12	16 28	2 8	10 5	7 1	20 36	1 3	22 7	0 11	14 5	2 0	23 53	0 21	12 30	0 51	23 44	0 36	0 25	0 53	0 4	12 50	5 57
M24	7 24	16 43	4 47	15 58	2 10	10 12	7 9	20 26	1 3	22 8	0 11	14 7	2 0	23 53	0 21	12 29	0 51	23 44	0 36	0 26	0 51	0 6	12 49	5 57
T 25	7 1	17 57	5 9	15 26	2 11	10 18	7 17	20 15	1 4	22 9	0 11	14 8	2 0	23 53	0 21	12 28	0 51	23 44	0 36	0 26	0 50	0 8	12 48	5 57
W26	6 38	18 16	5 17	14 53	2 13	10 22	7 25	20 5	1 4	22 10	0 11	14 10	1 59	23 53	0 21	12 28	0 51	23 44	0 36	0 25	0 49	0 10	12 46	5 58
T 27	6 15	17 35	5 7	14 19	2 13	10 25	7 32	19 54	1 5	22 11	0 11	14 12	1 59	23 53	0 21	12 27	0 51	23 44	0 36	0 25	0 48	0 12	12 45	5 58
F 28	5s52	15n50	4s39	13s44	2s13	10n27	7n39	19s42	1s 6	22n11	0s11	14n13	1s59	23n53	0n21	12s26	0s51	23s44	0s36	0s24	0s46	0n14	12s44	5n58

Julian Day Number = 2096931.5, Delta T = 22m09s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'26, Lahiri = 10°19'26 Julian Calendar 1 Feb. 1029 == Greg. Calendar 7 Feb. 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

MARCH 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 56 58	16♓10'05	13♌55	1♓23	8°R21	7♒38	12♊14	14♉ 4	3°R10	29♒43	10♑45	0°R58	1♎53	0♈20	7♒29	S 1
S 2	11 0 55	17° 9'34	28°45	3° 7	8♈ 4	8°25	12°19	14° 9	3♋ 9	29°45	10°46	0♎56	1°49	0°26	7°33	S 2
M 3	11 4 51	18° 9'00	13♍51	4°53	7°45	9°11	12°25	14°15	3° 9	29°48	10°47	0°55	1°46	0°33	7°36	M 3
T 4	11 8 48	19° 8'24	29° 3	6°40	7°23	9°57	12°31	14°20	3° 9	29°50	10°48	0°D54	1°43	0°40	7°40	T 4
W 5	11 12 45	20° 7'47	14♎12	8°28	7° 0	10°44	12°38	14°26	3° 9	29°52	10°49	0°55	1°40	0°46	7°44	W 5
T 6	11 16 41	21° 7'07	29° 8	10°18	6°34	11°30	12°44	14°31	3°D 9	29°54	10°50	0°55	1°37	0°53	7°47	T 6
F 7	11 20 38	22° 6'25	13♏46	12° 9	6° 5	12°16	12°50	14°37	3° 9	29°56	10°50	0°56	1°33	1° 0	7°51	F 7
S 8	11 24 34	23° 5'42	28° 0	14° 1	5°36	13° 3	12°57	14°43	3° 9	29°58	10°51	0°57	1°30	1° 6	7°54	S 8
S 9	11 28 31	24° 4'57	11♐49	15°54	5° 4	13°49	13° 4	14°49	3° 9	0♓ 1	10°52	0°57	1°27	1°13	7°58	S 9
M10	11 32 27	25° 4'10	25°13	17°49	4°31	14°36	13°11	14°55	3°10	0° 3	10°53	0°R57	1°24	1°19	8° 1	M10
T 11	11 36 24	26° 3'21	8♑13	19°45	3°56	15°22	13°18	15° 1	3°10	0° 5	10°54	0°57	1°21	1°26	8° 5	T 11
W12	11 40 20	27° 2'31	20°54	21°43	3°20	16° 8	13°25	15° 7	3°10	0° 7	10°55	0°57	1°18	1°33	8° 8	W12
T 13	11 44 17	28° 1'38	3♒18	23°42	2°44	16°55	13°32	15°13	3°11	0° 9	10°55	0°57	1°14	1°39	8°11	T 13
F 14	11 48 13	29° 0'44	15°29	25°42	2° 7	17°41	13°40	15°19	3°11	0°11	10°56	0°56	1°11	1°46	8°14	F 14
S 15	11 52 10	29°59'48	27°30	27°43	1°29	18°27	13°48	15°25	3°11	0°13	10°57	0°56	1° 8	1°53	8°18	S 15
S 16	11 56 7	0♈58'50	9♓23	29°45	0°51	19°14	13°55	15°31	3°12	0°15	10°57	0°D56	1° 5	1°59	8°21	S 16
M17	12 0 3	1°57'50	21°12	1♈48	0°13	20° 0	14° 3	15°38	3°13	0°17	10°58	0°56	1° 2	2° 6	8°24	M17
T 18	12 4 0	2°56'47	2♈59	3°52	29♓36	20°47	14°11	15°44	3°13	0°19	10°58	0°R56	0°58	2°13	8°27	T 18
W19	12 7 56	3°55'43	14°47	5°57	28°59	21°33	14°19	15°51	3°14	0°21	10°59	0°56	0°55	2°19	8°30	W19
T 20	12 11 53	4°54'37	26°36	8° 2	28°23	22°19	14°28	15°57	3°15	0°23	11° 0	0°56	0°52	2°26	8°33	T 20
F 21	12 15 49	5°53'28	8♉31	10° 8	27°47	23° 6	14°36	16° 4	3°15	0°25	11° 0	0°55	0°49	2°33	8°36	F 21
S 22	12 19 46	6°52'18	20°33	12°13	27°13	23°52	14°45	16°10	3°16	0°27	11° 1	0°54	0°46	2°39	8°39	S 22
S 23	12 23 42	7°51'05	2♊45	14°19	26°41	24°38	14°53	16°17	3°17	0°29	11° 1	0°54	0°43	2°46	8°42	S 23
M24	12 27 39	8°49'50	15°11	16°24	26°10	25°25	15° 2	16°24	3°18	0°31	11° 1	0°53	0°39	2°52	8°44	M24
T 25	12 31 36	9°48'33	27°53	18°28	25°41	26°11	15°11	16°31	3°19	0°33	11° 2	0°52	0°36	2°59	8°47	T 25
W26	12 35 32	10°47'13	10♋56	20°32	25°14	26°57	15°20	16°37	3°20	0°34	11° 2	0°D52	0°33	3° 6	8°50	W26
T 27	12 39 29	11°45'52	24°21	22°34	24°49	27°43	15°29	16°44	3°21	0°36	11° 2	0°52	0°30	3°12	8°52	T 27
F 28	12 43 25	12°44'27	8♌11	24°34	24°26	28°30	15°39	16°51	3°22	0°38	11° 3	0°53	0°27	3°19	8°55	F 28
S 29	12 47 22	13°43'01	22°26	26°32	24° 5	29°16	15°48	16°58	3°24	0°40	11° 3	0°54	0°24	3°26	8°57	S 29
S 30	12 51 18	14°41'32	7♍ 3	28°27	23°47	0♓ 2	15°58	17° 5	3°25	0°42	11° 3	0°55	0°20	3°32	9° 0	S 30
M31	12 55 15	15♈40'02	22♍ 0	0♉20	23♓31	0♓48	16♊ 7	17♉12	3♋26	0♓43	11♑ 3	0♎56	0♎17	3♈39	9♒ 2	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s29	13n 2	3s52	13s 7	2s13	10n27	7n46	19s31	1s 6	22n12	0s10	14n15	1s59	23n53	0n21	12s25	0s51	23s44	0s36	0s23	0s45	0n16	12s43	5n58
S 2	5 6	9 19	2 49	12 28	2 13	10 26	7 52	19 20	1 7	22 13	0 10	14 17	1 58	23 53	0 21	12 25	0 51	23 44	0 36	0 22	0 44	0 17	12 42	5 59
M 3	4 43	4 57	1 33	11 48	2 11	10 23	7 57	19 8	1 7	22 14	0 10	14 19	1 58	23 53	0 21	12 24	0 51	23 44	0 37	0 22	0 42	0 19	12 41	5 59
T 4	4 19	0 13	0 10	11 7	2 10	10 18	8 2	18 56	1 8	22 15	0 10	14 21	1 58	23 53	0 21	12 23	0 51	23 44	0 37	0 22	0 41	0 21	12 40	5 59
W 5	3 56	4s30	1n13	10 24	2 8	10 13	8 6	18 44	1 8	22 16	0 10	14 23	1 58	23 53	0 21	12 22	0 51	23 44	0 37	0 22	0 40	0 23	12 38	5 59
T 6	3 32	8 53	2 31	9 40	2 5	10 5	8 9	18 31	1 9	22 17	0 10	14 24	1 57	23 53	0 21	12 22	0 51	23 44	0 37	0 22	0 39	0 25	12 37	5 59
F 7	3 9	12 37	3 36	8 55	2 2	9 56	8 12	18 19	1 9	22 18	0 9	14 26	1 57	23 53	0 21	12 21	0 51	23 44	0 37	0 22	0 37	0 27	12 36	6 0
S 8	2 45	15 29	4 27	8 8	1 58	9 46	8 13	18 6	1 10	22 19	0 9	14 28	1 57	23 53	0 21	12 20	0 51	23 44	0 37	0 23	0 36	0 28	12 35	6 0
S 9	2 22	17 21	5 0	7 20	1 54	9 34	8 14	17 53	1 10	22 20	0 9	14 30	1 57	23 53	0 21	12 19	0 51	23 44	0 37	0 23	0 35	0 30	12 34	6 0
M10	1 58	18 12	5 16	6 31	1 49	9 21	8 14	17 40	1 11	22 21	0 9	14 32	1 57	23 53	0 21	12 19	0 51	23 44	0 37	0 23	0 34	0 32	12 33	6 1
T 11	1 35	18 4	5 15	5 40	1 44	9 6	8 13	17 27	1 11	22 22	0 9	14 34	1 56	23 53	0 21	12 18	0 51	23 44	0 37	0 23	0 32	0 34	12 32	6 1
W12	1 11	17 0	4 59	4 48	1 38	8 51	8 12	17 13	1 12	22 23	0 9	14 36	1 56	23 53	0 21	12 17	0 51	23 44	0 38	0 23	0 31	0 36	12 31	6 1
T 13	0 47	15 9	4 29	3 55	1 32	8 34	8 9	16 59	1 12	22 24	0 9	14 38	1 56	23 53	0 21	12 16	0 51	23 44	0 38	0 23	0 30	0 38	12 29	6 1
F 14	0 24	12 40	3 47	3 1	1 25	8 15	8 6	16 46	1 12	22 25	0 8	14 40	1 56	23 53	0 21	12 16	0 51	23 44	0 38	0 23	0 28	0 40	12 28	6 2
S 15	0 0	9 39	2 56	2 6	1 18	7 56	8 1	16 32	1 13	22 26	0 8	14 42	1 56	23 53	0 21	12 15	0 51	23 44	0 38	0 22	0 27	0 41	12 27	6 2
S 16	0n24	6 17	1 57	1 10	1 10	7 36	7 56	16 18	1 13	22 27	0 8	14 44	1 55	23 53	0 21	12 14	0 51	23 44	0 38	0 22	0 26	0 43	12 26	6 2
M17	0 47	2 41	0 54	0 13	1 2	7 15	7 49	16 3	1 14	22 28	0 8	14 46	1 55	23 53	0 21	12 14	0 51	23 44	0 38	0 22	0 25	0 45	12 25	6 3
T 18	1 11	1n 1	0s11	0n44	0 53	6 54	7 42	15 49	1 14	22 29	0 8	14 48	1 55	23 53	0 21	12 13	0 51	23 44	0 38	0 22	0 23	0 47	12 24	6 3
W19	1 34	4 41	1 16	1 43	0 43	6 32	7 34	15 34	1 15	22 30	0 8	14 50	1 55	23 53	0 21	12 12	0 51	23 45	0 38	0 22	0 22	0 49	12 23	6 3
T 20	1 58	8 10	2 18	2 41	0 34	6 9	7 26	15 20	1 15	22 32	0 8	14 52	1 55	23 53	0 21	12 12	0 51	23 45	0 38	0 22	0 21	0 51	12 22	6 4
F 21	2 21	11 21	3 14	3 40	0 24	5 47	7 16	15 5	1 16	22 33	0 8	14 54	1 54	23 52	0 21	12 11	0 51	23 45	0 39	0 22	0 20	0 52	12 21	6 4
S 22	2 44	14 5	4 2	4 39	0 13	5 24	7 6	14 50	1 16	22 34	0 7	14 56	1 54	23 52	0 21	12 10	0 51	23 45	0 39	0 22	0 18	0 54	12 20	6 4
S 23	3 8	16 14	4 40	5 38	0 2	5 1	6 56	14 35	1 16	22 35	0 7	14 58	1 54	23 52	0 21	12 10	0 51	23 45	0 39	0 21	0 17	0 56	12 19	6 4
M24	3 31	17 40	5 6	6 37	0n 8	4 39	6 44	14 19	1 17	22 36	0 7	15 0	1 54	23 52	0 21	12 9	0 51	23 45	0 39	0 21	0 16	0 58	12 18	6 5
T 25	3 54	18 16	5 17	7 35	0 20	4 16	6 32	14 4	1 17	22 37	0 7	15 2	1 54	23 52	0 21	12 8	0 51	23 45	0 39	0 21	0 14	1 0	12 17	6 5
W26	4 17	17 55	5 13	8 32	0 31	3 54	6 20	13 48	1 18	22 38	0 7	15 5	1 54	23 52	0 21	12 8	0 51	23 45	0 39	0 21	0 13	1 2	12 16	6 5
T 27	4 40	16 35	4 51	9 28	0 42	3 33	6 8	13 33	1 18	22 39	0 7	15 7	1 53	23 52	0 21	12 7	0 51	23 45	0 39	0 21	0 12	1 3	12 15	6 6
F 28	5 3	14 15	4 13	10 23	0 53	3 12	5 55	13 17	1 18	22 40	0 7	15 9	1 53	23 52	0 21	12 6	0 52	23 45	0 39	0 21	0 11	1 5	12 14	6 6
S 29	5 26	10 59	3 18	11 17	1 4	2 52	5 42	13 1	1 19	22 42	0 6	15 11	1 53	23 52	0 21	12 6	0 52	23 45	0 39	0 22	0 9	1 7	12 13	6 7
S 30	5 49	6 58	2 9	12 9	1 15	2 32	5 28	12 45	1 19	22 43	0 6	15 13	1 53	23 52	0 21	12 5	0 52	23 45	0 40	0 22	0 8	1 9	12 12	6 7
M31	6n12	2n26	0s49	12n59	1n25	2n13	5n15	12s29	1s19	22n44	0s 6	15n15	1s53	23n52	0n21	12s 5	0s52	23s45	0s40	0s22	0s 7	1n11	12s11	6n 7

Julian Day Number = 2096959.5, Delta T = 22m08s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'29, Lahiri = 10°19'30 Julian Calendar 1 March 1029 == Greg. Calendar 7 March 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

APRIL 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 59 11	16♈38'29	7♎ 9	2♉10	23°R17	1♓35	16♊17	17♉19	3♋28	0♓45	11♑ 4	0°R56	0♎14	3♈46	9♒ 5	T 1
W 2	13 3 8	17°36'54	22°20	3°57	23♓ 6	2°21	16°27	17°26	3°29	0°47	11° 4	0♎55	0°11	3°52	9° 7	W 2
T 3	13 7 5	18°35'17	7♏25	5°40	22°57	3° 7	16°37	17°33	3°30	0°48	11° 4	0°53	0° 8	3°59	9° 9	T 3
F 4	13 11 1	19°33'39	22°14	7°20	22°51	3°53	16°47	17°41	3°32	0°50	11° 4	0°51	0° 4	4° 6	9°11	F 4
S 5	13 14 58	20°31'59	6♐41	8°55	22°47	4°39	16°57	17°48	3°34	0°52	11° 4	0°49	0° 1	4°12	9°13	S 5
S 6	13 18 54	21°30'17	20°42	10°27	22°D46	5°25	17° 7	17°55	3°35	0°53	11° 4	0°46	29♍58	4°19	9°15	S 6
M 7	13 22 51	22°28'34	4♑14	11°54	22°47	6°11	17°17	18° 2	3°37	0°55	11°R 4	0°44	29°55	4°26	9°17	M 7
T 8	13 26 47	23°26'49	17°20	13°17	22°50	6°57	17°28	18°10	3°38	0°57	11° 4	0°43	29°52	4°32	9°19	T 8
W 9	13 30 44	24°25'02	0♒ 1	14°36	22°56	7°43	17°38	18°17	3°40	0°58	11° 4	0°D43	29°49	4°39	9°21	W 9
T 10	13 34 40	25°23'15	12°23	15°50	23° 4	8°30	17°49	18°25	3°42	1° 0	11° 4	0°44	29°45	4°45	9°23	T 10
F 11	13 38 37	26°21'25	24°29	16°59	23°14	9°16	17°59	18°32	3°44	1° 1	11° 4	0°46	29°42	4°52	9°25	F 11
S 12	13 42 33	27°19'34	6♓24	18° 4	23°26	10° 2	18°10	18°39	3°46	1° 3	11° 4	0°47	29°39	4°59	9°27	S 12
S 13	13 46 30	28°17'41	18°13	19° 4	23°41	10°47	18°21	18°47	3°48	1° 4	11° 3	0°49	29°36	5° 5	9°28	S 13
M14	13 50 27	29°15'47	29°59	20° 0	23°57	11°33	18°32	18°54	3°50	1° 5	11° 3	0°R49	29°33	5°12	9°30	M14
T 15	13 54 23	0♉13'52	11♈46	20°50	24°15	12°19	18°43	19° 2	3°52	1° 7	11° 3	0°49	29°29	5°19	9°31	T 15
W16	13 58 20	1°11'54	23°36	21°35	24°35	13° 5	18°54	19° 9	3°54	1° 8	11° 3	0°47	29°26	5°25	9°33	W16
T 17	14 2 16	2° 9'55	5♉33	22°16	24°57	13°51	19° 5	19°17	3°56	1° 9	11° 2	0°43	29°23	5°32	9°34	T 17
F 18	14 6 13	3° 7'55	17°37	22°51	25°20	14°37	19°16	19°25	3°58	1°11	11° 2	0°38	29°20	5°39	9°36	F 18
S 19	14 10 9	4° 5'53	29°50	23°22	25°46	15°23	19°28	19°32	4° 0	1°12	11° 2	0°33	29°17	5°45	9°37	S 19
S 20	14 14 6	5° 3'49	12♊15	23°47	26°12	16° 8	19°39	19°40	4° 2	1°13	11° 1	0°27	29°14	5°52	9°38	S 20
M21	14 18 2	6° 1'43	24°51	24° 7	26°41	16°54	19°51	19°48	4° 5	1°15	11° 1	0°21	29°10	5°59	9°39	M21
T 22	14 21 59	6°59'36	7♋41	24°22	27°11	17°40	20° 2	19°55	4° 7	1°16	11° 1	0°17	29° 7	6° 5	9°40	T 22
W23	14 25 56	7°57'27	20°47	24°32	27°42	18°25	20°14	20° 3	4° 9	1°17	11° 0	0°14	29° 4	6°12	9°41	W23
T 24	14 29 52	8°55'16	4♌10	24°R37	28°15	19°11	20°26	20°11	4°12	1°18	11° 0	0°D13	29° 1	6°18	9°42	T 24
F 25	14 33 49	9°53'04	17°52	24°37	28°49	19°57	20°37	20°18	4°14	1°19	10°59	0°13	28°58	6°25	9°43	F 25
S 26	14 37 45	10°50'49	1♍54	24°32	29°24	20°42	20°49	20°26	4°17	1°20	10°59	0°14	28°55	6°32	9°44	S 26
S 27	14 41 42	11°48'33	16°15	24°23	0♈ 0	21°28	21° 1	20°34	4°19	1°21	10°58	0°15	28°51	6°38	9°45	S 27
M28	14 45 38	12°46'15	0♎53	24° 9	0°38	22°13	21°13	20°42	4°22	1°22	10°58	0°R16	28°48	6°45	9°46	M28
T 29	14 49 35	13°43'55	15°45	23°51	1°17	22°58	21°25	20°49	4°24	1°23	10°57	0°15	28°45	6°52	9°46	T 29
W30	14 53 31	14♉41'34	0♏42	23♉30	1♈57	23♓44	21♊37	20♉57	4♋27	1♓24	10♑56	0♎12	28♍42	6♈58	9♒47	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n34	2s19	0n34	13n47	1n35	1n56	5n 1	12s13	1s20	22n45	0s 6	15n17	1s53	23n52	0n21	12s 4	0s52	23s46	0s40	0s22	0s 6	1n13	12s10	6n 8
W 2	6 57	6 57	1 56	14 33	1 45	1 39	4 47	11 56	1 20	22 46	0 6	15 19	1 53	23 52	0 21	12 3	0 52	23 46	0 40	0 22	0 4	1 15	12 9	6 8
T 3	7 19	11 5	3 9	15 16	1 54	1 23	4 34	11 40	1 20	22 47	0 6	15 22	1 52	23 52	0 21	12 3	0 52	23 46	0 40	0 21	0 3	1 16	12 8	6 8
F 4	7 41	14 26	4 7	15 57	2 3	1 8	4 20	11 23	1 21	22 48	0 6	15 24	1 52	23 52	0 21	12 2	0 52	23 46	0 40	0 20	0 2	1 18	12 7	6 9
S 5	8 4	16 48	4 49	16 36	2 10	0 54	4 6	11 7	1 21	22 49	0 6	15 26	1 52	23 52	0 21	12 2	0 52	23 46	0 40	0 19	0 1	1 20	12 6	6 9
S 6	8 26	18 4	5 11	17 12	2 17	0 41	3 53	10 50	1 21	22 51	0 6	15 28	1 52	23 52	0 21	12 1	0 52	23 46	0 40	0 18	0n 1	1 22	12 5	6 9
M 7	8 47	18 15	5 15	17 46	2 24	0 29	3 39	10 33	1 22	22 52	0 5	15 30	1 52	23 52	0 21	12 1	0 52	23 46	0 40	0 18	0 2	1 24	12 4	6 10
T 8	9 9	17 26	5 3	18 17	2 29	0 18	3 26	10 16	1 22	22 53	0 5	15 32	1 52	23 52	0 21	12 0	0 52	23 46	0 41	0 17	0 3	1 26	12 4	6 10
W 9	9 31	15 46	4 36	18 45	2 34	0 8	3 13	9 59	1 22	22 54	0 5	15 35	1 52	23 52	0 21	12 0	0 52	23 46	0 41	0 17	0 5	1 27	12 3	6 11
T 10	9 52	13 24	3 56	19 11	2 38	0s 1	3 0	9 42	1 22	22 55	0 5	15 37	1 51	23 52	0 21	11 59	0 52	23 47	0 41	0 18	0 6	1 29	12 2	6 11
F 11	10 13	10 29	3 7	19 34	2 41	0 8	2 48	9 25	1 23	22 56	0 5	15 39	1 51	23 52	0 21	11 59	0 52	23 47	0 41	0 18	0 7	1 31	12 1	6 11
S 12	10 34	7 11	2 11	19 54	2 43	0 15	2 35	9 8	1 23	22 57	0 5	15 41	1 51	23 51	0 21	11 58	0 52	23 47	0 41	0 19	0 8	1 33	12 0	6 12
S 13	10 55	3 38	1 9	20 12	2 44	0 20	2 23	8 50	1 23	22 58	0 5	15 43	1 51	23 51	0 21	11 58	0 52	23 47	0 41	0 20	0 10	1 35	11 59	6 12
M14	11 16	0n 4	0 5	20 27	2 44	0 25	2 11	8 33	1 23	22 59	0 5	15 45	1 51	23 51	0 21	11 57	0 52	23 47	0 41	0 20	0 11	1 37	11 59	6 12
T 15	11 37	3 46	1s 0	20 40	2 43	0 29	1 59	8 16	1 24	23 0	0 4	15 47	1 51	23 51	0 21	11 57	0 52	23 47	0 41	0 20	0 12	1 38	11 58	6 13
W16	11 57	7 20	2 2	20 50	2 41	0 31	1 48	7 58	1 24	23 1	0 4	15 50	1 51	23 51	0 21	11 56	0 52	23 47	0 41	0 19	0 13	1 40	11 57	6 13
T 17	12 17	10 38	2 59	20 58	2 37	0 33	1 36	7 41	1 24	23 2	0 4	15 52	1 51	23 51	0 21	11 56	0 52	23 47	0 42	0 17	0 15	1 42	11 56	6 14
F 18	12 37	13 31	3 49	21 3	2 33	0 33	1 25	7 23	1 24	23 4	0 4	15 54	1 51	23 51	0 21	11 55	0 52	23 48	0 42	0 15	0 16	1 44	11 56	6 14
S 19	12 57	15 51	4 28	21 5	2 28	0 33	1 15	7 5	1 25	23 5	0 4	15 56	1 50	23 51	0 21	11 55	0 52	23 48	0 42	0 13	0 17	1 46	11 55	6 14
S 20	13 17	17 29	4 56	21 6	2 21	0 32	1 4	6 48	1 25	23 6	0 4	15 58	1 50	23 51	0 21	11 55	0 52	23 48	0 42	0 11	0 19	1 48	11 54	6 15
M21	13 36	18 18	5 10	21 3	2 14	0 30	0 54	6 30	1 25	23 7	0 4	16 0	1 50	23 51	0 21	11 54	0 52	23 48	0 42	0 9	0 20	1 49	11 54	6 15
T 22	13 55	18 12	5 9	20 59	2 5	0 27	0 44	6 12	1 25	23 8	0 4	16 3	1 50	23 51	0 21	11 54	0 52	23 48	0 42	0 7	0 21	1 51	11 53	6 16
W23	14 14	17 8	4 52	20 52	1 55	0 23	0 35	5 54	1 25	23 9	0 4	16 5	1 50	23 51	0 21	11 53	0 52	23 48	0 42	0 6	0 22	1 53	11 52	6 16
T 24	14 33	15 7	4 19	20 42	1 44	0 19	0 25	5 37	1 25	23 9	0 3	16 7	1 50	23 51	0 21	11 53	0 52	23 48	0 42	0 5	0 24	1 55	11 52	6 16
F 25	14 51	12 13	3 30	20 31	1 32	0 14	0 16	5 19	1 26	23 10	0 3	16 9	1 50	23 50	0 21	11 53	0 52	23 49	0 42	0 5	0 25	1 57	11 51	6 17
S 26	15 9	8 33	2 28	20 17	1 20	0 8	0 7	5 1	1 26	23 11	0 3	16 11	1 50	23 50	0 21	11 52	0 52	23 49	0 43	0 6	0 26	1 59	11 50	6 17
S 27	15 27	4 18	1 15	20 1	1 6	0 1	0s 1	4 43	1 26	23 12	0 3	16 13	1 50	23 50	0 21	11 52	0 53	23 49	0 43	0 6	0 27	2 0	11 50	6 18
M28	15 45	0s18	0n 3	19 44	0 51	0n 7	0 9	4 25	1 26	23 13	0 3	16 15	1 50	23 50	0 21	11 52	0 53	23 49	0 43	0 6	0 29	2 2	11 49	6 18
T 29	16 3	4 57	1 23	19 24	0 36	0 15	0 17	4 7	1 26	23 14	0 3	16 18	1 49	23 50	0 21	11 51	0 53	23 49	0 43	0 6	0 30	2 4	11 49	6 18
W30	16n20	9s19	2n37	19n 3	0n19	0n23	0s25	3s49	1s26	23n15	0s 3	16n20	1s49	23n50	0n21	11s51	0s53	23s49	0s43	0s 5	0n31	2n 6	11s48	6n19

Julian Day Number = 2096990.5, Delta T = 22m08s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'34, Lahiri = 10°19'34 Julian Calendar 1 Apr. 1029 == Greg. Calendar 7 Apr. 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

MAY 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 57 28	15♉39'12	15♏39	23°R 5	2♈38	24♓29	21♊49	21♉ 5	4♋29	1♓25	10°R56	0°R 7	28♍39	7♈ 5	9♒47	T 1
F 2	15 1 25	16°36'48	0♐25	22♉37	3°20	25°14	22° 2	21°13	4°32	1°26	10♑55	0♎ 1	28°35	7°12	9°48	F 2
S 3	15 5 21	17°34'24	14°53	22° 7	4° 3	26° 0	22°14	21°21	4°35	1°27	10°54	29♍53	28°32	7°18	9°48	S 3
S 4	15 9 18	18°31'58	28°58	21°35	4°47	26°45	22°26	21°28	4°38	1°28	10°53	29°46	28°29	7°25	9°49	S 4
M 5	15 13 14	19°29'31	12♑35	21° 2	5°31	27°30	22°38	21°36	4°40	1°29	10°53	29°40	28°26	7°32	9°49	M 5
T 6	15 17 11	20°27'03	25°46	20°28	6°17	28°15	22°51	21°44	4°43	1°29	10°52	29°35	28°23	7°38	9°49	T 6
W 7	15 21 7	21°24'34	8♒30	19°54	7° 4	29° 0	23° 3	21°52	4°46	1°30	10°51	29°32	28°20	7°45	9°49	W 7
T 8	15 25 4	22°22'05	20°54	19°20	7°51	29°45	23°16	22° 0	4°49	1°31	10°50	29°D31	28°16	7°52	9°49	T 8
F 9	15 29 0	23°19'34	3♓ 0	18°48	8°39	0♈30	23°28	22° 7	4°52	1°31	10°49	29°32	28°13	7°58	9°R49	F 9
S 10	15 32 57	24°17'03	14°55	18°17	9°28	1°15	23°41	22°15	4°55	1°32	10°49	29°33	28°10	8° 5	9°49	S 10
S 11	15 36 54	25°14'30	26°43	17°48	10°17	2° 0	23°54	22°23	4°58	1°33	10°48	29°R33	28° 7	8°11	9°49	S 11
M12	15 40 50	26°11'57	8♈29	17°22	11° 8	2°45	24° 6	22°31	5° 1	1°33	10°47	29°33	28° 4	8°18	9°49	M12
T 13	15 44 47	27° 9'23	20°19	16°59	11°59	3°30	24°19	22°39	5° 4	1°34	10°46	29°31	28° 1	8°25	9°49	T 13
W14	15 48 43	28° 6'49	2♉15	16°39	12°50	4°15	24°32	22°47	5° 7	1°34	10°45	29°26	27°57	8°31	9°49	W14
T 15	15 52 40	29° 4'13	14°20	16°23	13°42	4°59	24°45	22°54	5°10	1°35	10°44	29°19	27°54	8°38	9°48	T 15
F 16	15 56 36	0♊ 1'37	26°36	16°11	14°35	5°44	24°58	23° 2	5°13	1°35	10°43	29°10	27°51	8°45	9°48	F 16
S 17	16 0 33	0°59'00	9♊ 5	16° 2	15°28	6°28	25°11	23°10	5°16	1°36	10°42	28°59	27°48	8°51	9°47	S 17
S 18	16 4 29	1°56'22	21°47	15°D59	16°22	7°13	25°24	23°18	5°19	1°36	10°41	28°48	27°45	8°58	9°47	S 18
M19	16 8 26	2°53'43	4♋41	15°59	17°17	7°57	25°37	23°25	5°23	1°36	10°40	28°38	27°41	9° 5	9°46	M19
T 20	16 12 23	3°51'04	17°48	16° 4	18°11	8°42	25°50	23°33	5°26	1°37	10°39	28°29	27°38	9°11	9°45	T 20
W21	16 16 19	4°48'23	1♌ 7	16°14	19° 7	9°26	26° 3	23°41	5°29	1°37	10°38	28°23	27°35	9°18	9°45	W21
T 22	16 20 16	5°45'41	14°38	16°28	20° 3	10°10	26°16	23°49	5°32	1°37	10°36	28°19	27°32	9°25	9°44	T 22
F 23	16 24 12	6°42'59	28°21	16°47	20°59	10°55	26°29	23°56	5°36	1°38	10°35	28°17	27°29	9°31	9°43	F 23
S 24	16 28 9	7°40'15	12♍17	17°10	21°56	11°39	26°42	24° 4	5°39	1°38	10°34	28°D17	27°26	9°38	9°42	S 24
S 25	16 32 5	8°37'30	26°25	17°37	22°53	12°23	26°55	24°12	5°42	1°38	10°33	28°R17	27°22	9°45	9°41	S 25
M26	16 36 2	9°34'44	10♎45	18° 9	23°50	13° 7	27° 8	24°19	5°46	1°38	10°32	28°16	27°19	9°51	9°40	M26
T 27	16 39 58	10°31'58	25°15	18°45	24°48	13°51	27°22	24°27	5°49	1°38	10°31	28°14	27°16	9°58	9°39	T 27
W28	16 43 55	11°29'11	9♏50	19°26	25°46	14°35	27°35	24°35	5°52	1°38	10°29	28° 9	27°13	10° 4	9°38	W28
T 29	16 47 52	12°26'23	24°26	20°10	26°45	15°18	27°48	24°42	5°56	1°R38	10°28	28° 2	27°10	10°11	9°37	T 29
F 30	16 51 48	13°23'35	8♐55	20°59	27°44	16° 2	28° 1	24°50	5°59	1°38	10°27	27°52	27° 7	10°18	9°35	F 30
S 31	16 55 45	14♊20'46	23♐10	21♉52	28♈44	16♈46	28♊15	24♉57	6♋ 3	1♓38	10♑26	27♍41	27♍ 3	10♈24	9♒34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n37	13s 5	3n41	18n41	0n 3	0n33	0s33	3s31	1s26	23n16	0s 3	16n22	1s49	23n50	0n21	11s51	0s53	23s50	0s43	0s 3	0n33	2n 8	11s48	6n19
F 2	16 53	15 58	4 28	18 17	0s14	0 43	0 40	3 13	1 26	23 17	0 3	16 24	1 49	23 50	0 21	11 50	0 53	23 50	0 43	0 0	0 34	2 10	11 47	6 20
S 3	17 10	17 46	4 58	17 53	0 32	0 54	0 47	2 55	1 26	23 18	0 2	16 26	1 49	23 50	0 21	11 50	0 53	23 50	0 43	0n 3	0 35	2 12	11 47	6 20
S 4	17 26	18 25	5 8	17 28	0 49	1 5	0 54	2 37	1 26	23 18	0 2	16 28	1 49	23 50	0 21	11 50	0 53	23 50	0 43	0 6	0 36	2 13	11 46	6 21
M 5	17 42	17 59	5 0	17 2	1 6	1 17	1 0	2 19	1 27	23 19	0 2	16 30	1 49	23 50	0 21	11 50	0 53	23 50	0 44	0 8	0 38	2 15	11 46	6 21
T 6	17 57	16 34	4 37	16 37	1 24	1 29	1 7	2 1	1 27	23 20	0 2	16 32	1 49	23 49	0 21	11 49	0 53	23 50	0 44	0 10	0 39	2 17	11 45	6 21
W 7	18 12	14 22	4 0	16 12	1 40	1 42	1 13	1 43	1 27	23 21	0 2	16 34	1 49	23 49	0 21	11 49	0 53	23 51	0 44	0 11	0 40	2 19	11 45	6 22
T 8	18 27	11 33	3 13	15 47	1 57	1 55	1 19	1 25	1 27	23 21	0 2	16 36	1 49	23 49	0 21	11 49	0 53	23 51	0 44	0 11	0 41	2 21	11 44	6 22
F 9	18 42	8 19	2 18	15 23	2 12	2 9	1 24	1 7	1 27	23 22	0 2	16 38	1 49	23 49	0 21	11 49	0 53	23 51	0 44	0 11	0 43	2 23	11 44	6 23
S 10	18 56	4 46	1 18	15 0	2 27	2 24	1 30	0 49	1 27	23 23	0 2	16 40	1 49	23 49	0 21	11 49	0 53	23 51	0 44	0 11	0 44	2 24	11 43	6 23
S 11	19 10	1 5	0 15	14 39	2 41	2 38	1 35	0 31	1 27	23 24	0 2	16 43	1 49	23 49	0 21	11 48	0 53	23 51	0 44	0 11	0 45	2 26	11 43	6 23
M12	19 24	2n39	0s48	14 19	2 54	2 53	1 40	0 13	1 27	23 24	0 2	16 45	1 49	23 49	0 21	11 48	0 53	23 52	0 44	0 11	0 46	2 28	11 43	6 24
T 13	19 37	6 18	1 49	14 1	3 6	3 9	1 45	0n 4	1 27	23 25	0 1	16 47	1 49	23 49	0 21	11 48	0 53	23 52	0 44	0 12	0 48	2 30	11 42	6 24
W14	19 50	9 43	2 46	13 45	3 17	3 25	1 49	0 22	1 27	23 26	0 1	16 49	1 49	23 49	0 21	11 48	0 53	23 52	0 45	0 14	0 49	2 32	11 42	6 25
T 15	20 3	12 47	3 36	13 32	3 26	3 41	1 54	0 40	1 27	23 26	0 1	16 51	1 49	23 48	0 21	11 48	0 53	23 52	0 45	0 16	0 50	2 33	11 42	6 25
F 16	20 16	15 20	4 17	13 20	3 35	3 58	1 58	0 58	1 26	23 27	0 1	16 53	1 49	23 48	0 21	11 48	0 53	23 52	0 45	0 20	0 52	2 35	11 42	6 25
S 17	20 28	17 13	4 46	13 11	3 42	4 15	2 2	1 16	1 26	23 27	0 1	16 55	1 49	23 48	0 21	11 47	0 53	23 52	0 45	0 24	0 53	2 37	11 41	6 26
S 18	20 39	18 18	5 1	13 4	3 48	4 32	2 6	1 33	1 26	23 28	0 1	16 57	1 48	23 48	0 21	11 47	0 53	23 53	0 45	0 29	0 54	2 39	11 41	6 26
M19	20 51	18 27	5 2	13 0	3 53	4 50	2 9	1 51	1 26	23 29	0 1	16 58	1 48	23 48	0 21	11 47	0 53	23 53	0 45	0 33	0 55	2 41	11 41	6 27
T 20	21 2	17 38	4 47	12 58	3 56	5 7	2 13	2 9	1 26	23 29	0 1	17 0	1 48	23 48	0 21	11 47	0 53	23 53	0 45	0 36	0 57	2 43	11 41	6 27
W21	21 12	15 51	4 16	12 58	3 58	5 25	2 16	2 26	1 26	23 30	0 1	17 2	1 48	23 48	0 21	11 47	0 53	23 53	0 45	0 39	0 58	2 44	11 40	6 27
T 22	21 23	13 10	3 30	13 1	4 0	5 44	2 19	2 44	1 26	23 30	0 0	17 4	1 48	23 47	0 21	11 47	0 54	23 53	0 45	0 41	0 59	2 46	11 40	6 28
F 23	21 33	9 44	2 32	13 6	4 0	6 2	2 22	3 1	1 26	23 31	0 0	17 6	1 48	23 47	0 21	11 47	0 54	23 54	0 46	0 41	1 0	2 48	11 40	6 28
S 24	21 42	5 42	1 24	13 13	3 59	6 21	2 25	3 19	1 26	23 31	0 0	17 8	1 48	23 47	0 21	11 47	0 54	23 54	0 46	0 41	1 2	2 50	11 40	6 28
S 25	21 51	1 17	0 10	13 23	3 57	6 40	2 27	3 36	1 26	23 31	0 0	17 10	1 48	23 47	0 21	11 47	0 54	23 54	0 46	0 41	1 3	2 52	11 40	6 29
M26	22 0	3s16	1n 6	13 34	3 55	6 59	2 30	3 54	1 25	23 32	0 0	17 12	1 48	23 47	0 21	11 47	0 54	23 54	0 46	0 41	1 4	2 54	11 40	6 29
T 27	22 8	7 41	2 18	13 47	3 51	7 18	2 32	4 11	1 25	23 32	0n 0	17 14	1 48	23 47	0 21	11 47	0 54	23 54	0 46	0 42	1 6	2 55	11 40	6 30
W28	22 17	11 39	3 22	14 3	3 47	7 37	2 34	4 28	1 25	23 33	0 0	17 16	1 48	23 47	0 21	11 47	0 54	23 55	0 46	0 44	1 7	2 57	11 40	6 30
T 29	22 24	14 54	4 12	14 19	3 41	7 57	2 36	4 45	1 25	23 33	0 0	17 17	1 48	23 46	0 21	11 47	0 54	23 55	0 46	0 47	1 8	2 59	11 40	6 30
F 30	22 31	17 12	4 46	14 38	3 35	8 16	2 37	5 2	1 25	23 33	0 0	17 19	1 48	23 46	0 21	11 47	0 54	23 55	0 46	0 51	1 9	3 1	11 40	6 31
S 31	22n38	18s23	5n 1	14n58	3s28	8n36	2s39	5n19	1s25	23n33	0n 0	17n21	1s48	23n46	0n21	11s47	0s54	23s55	0s46	0n55	1n11	3n 3	11s40	6n31

Julian Day Number = 2097020.5, Delta T = 22m08s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'38, Lahiri = 10°19'38 Julian Calendar 1 May 1029 == Greg. Calendar 7 May 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

JUNE 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 59 41	15♊17'57	7♑ 7	22♉48	29♈43	17♈29	28♊28	25♉ 5	6♋ 6	1°R38	10°R24	27°R30	27♍ 0	10♈31	9°R33	S 1
M 2	17 3 38	16°15'08	20°40	23°49	0♉44	18°13	28°41	25°12	6° 9	1♓38	10♑23	27♍20	26°57	10°38	9♒31	M 2
T 3	17 7 34	17°12'18	3♒49	24°53	1°44	18°56	28°55	25°20	6°13	1°38	10°22	27°12	26°54	10°44	9°30	T 3
W 4	17 11 31	18° 9'28	16°34	26° 2	2°45	19°40	29° 8	25°27	6°16	1°38	10°20	27° 6	26°51	10°51	9°28	W 4
T 5	17 15 27	19° 6'39	28°58	27°13	3°46	20°23	29°22	25°35	6°20	1°37	10°19	27° 3	26°47	10°58	9°27	T 5
F 6	17 19 24	20° 3'49	11♓ 6	28°29	4°47	21° 6	29°35	25°42	6°23	1°37	10°18	27° 2	26°44	11° 4	9°25	F 6
S 7	17 23 21	21° 0'59	23° 1	29°48	5°49	21°50	29°48	25°49	6°27	1°37	10°16	27° 1	26°41	11°11	9°23	S 7
S 8	17 27 17	21°58'09	4♈51	1♊11	6°51	22°33	0♋ 2	25°57	6°31	1°37	10°15	27° 1	26°38	11°18	9°21	S 8
M 9	17 31 14	22°55'20	16°39	2°37	7°53	23°16	0°15	26° 4	6°34	1°36	10°14	27° 0	26°35	11°24	9°20	M 9
T 10	17 35 10	23°52'30	28°32	4° 7	8°55	23°59	0°29	26°11	6°38	1°36	10°12	26°57	26°32	11°31	9°18	T 10
W11	17 39 7	24°49'41	10♉33	5°40	9°58	24°42	0°42	26°18	6°41	1°36	10°11	26°52	26°28	11°38	9°16	W11
T 12	17 43 3	25°46'52	22°46	7°17	11° 1	25°24	0°56	26°26	6°45	1°35	10°10	26°44	26°25	11°44	9°14	T 12
F 13	17 47 0	26°44'03	5♊15	8°57	12° 4	26° 7	1° 9	26°33	6°48	1°35	10° 8	26°33	26°22	11°51	9°12	F 13
S 14	17 50 56	27°41'14	18° 0	10°40	13° 8	26°50	1°23	26°40	6°52	1°34	10° 7	26°21	26°19	11°58	9°10	S 14
S 15	17 54 53	28°38'25	1♋ 0	12°26	14°11	27°32	1°36	26°47	6°56	1°34	10° 5	26° 8	26°16	12° 4	9° 8	S 15
M16	17 58 50	29°35'37	14°16	14°16	15°15	28°15	1°50	26°54	6°59	1°33	10° 4	25°56	26°12	12°11	9° 5	M16
T 17	18 2 46	0♋32'48	27°45	16° 8	16°19	28°57	2° 3	27° 1	7° 3	1°33	10° 3	25°46	26° 9	12°17	9° 3	T 17
W18	18 6 43	1°30'00	11♌25	18° 3	17°23	29°40	2°17	27° 8	7° 7	1°32	10° 1	25°38	26° 6	12°24	9° 1	W18
T 19	18 10 39	2°27'11	25°14	20° 1	18°28	0♉22	2°30	27°15	7°10	1°31	10° 0	25°33	26° 3	12°31	8°59	T 19
F 20	18 14 36	3°24'22	9♍ 9	22° 1	19°33	1° 4	2°44	27°22	7°14	1°31	9°58	25°31	26° 0	12°37	8°56	F 20
S 21	18 18 32	4°21'33	23°10	24° 3	20°37	1°46	2°57	27°28	7°17	1°30	9°57	25°D30	25°57	12°44	8°54	S 21
S 22	18 22 29	5°18'45	7♎16	26° 6	21°43	2°28	3°11	27°35	7°21	1°29	9°55	25°R30	25°53	12°51	8°52	S 22
M23	18 26 25	6°15'56	21°25	28°12	22°48	3°10	3°24	27°42	7°25	1°29	9°54	25°29	25°50	12°57	8°49	M23
T 24	18 30 22	7°13'07	5♏38	0♋18	23°53	3°51	3°38	27°49	7°28	1°28	9°52	25°27	25°47	13° 4	8°47	T 24
W25	18 34 19	8°10'18	19°51	2°26	24°59	4°33	3°51	27°55	7°32	1°27	9°51	25°22	25°44	13°11	8°44	W25
T 26	18 38 15	9° 7'30	4♐ 1	4°34	26° 4	5°15	4° 5	28° 2	7°36	1°26	9°50	25°15	25°41	13°17	8°41	T 26
F 27	18 42 12	10° 4'42	18° 5	6°42	27°10	5°56	4°18	28° 8	7°39	1°25	9°48	25° 5	25°38	13°24	8°39	F 27
S 28	18 46 8	11° 1'54	1♑57	8°51	28°16	6°37	4°32	28°15	7°43	1°24	9°47	24°54	25°34	13°31	8°36	S 28
S 29	18 50 5	11°59'07	15°35	10°59	29°23	7°19	4°45	28°21	7°47	1°24	9°45	24°43	25°31	13°37	8°33	S 29
M30	18 54 1	12♋56'20	28♑54	13♋ 7	0♊29	8♉ 0	4♋59	28♉27	7♋50	1♓23	9♑44	24♍32	25♍28	13♈44	8♒31	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n45	18s25	4n57	15n20	3s21	8n56	2s40	5n36	1s24	23n34	0n 1	17n23	1s48	23n46	0n21	11s47	0s54	23s55	0s47	1n 0	1n12	3n 5	11s40	6n31
M 2	22 51	17 24	4 37	15 42	3 13	9 16	2 42	5 53	1 24	23 34	0 1	17 25	1 48	23 46	0 21	11 47	0 54	23 56	0 47	1 4	1 13	3 6	11 40	6 32
T 3	22 57	15 28	4 3	16 6	3 4	9 35	2 43	6 10	1 24	23 34	0 1	17 26	1 48	23 46	0 21	11 47	0 54	23 56	0 47	1 7	1 14	3 8	11 40	6 32
W 4	23 2	12 49	3 17	16 31	2 55	9 55	2 44	6 26	1 24	23 34	0 1	17 28	1 48	23 45	0 21	11 47	0 54	23 56	0 47	1 9	1 16	3 10	11 40	6 32
T 5	23 7	9 39	2 23	16 57	2 45	10 15	2 45	6 43	1 23	23 35	0 1	17 30	1 48	23 45	0 21	11 48	0 54	23 56	0 47	1 11	1 17	3 12	11 40	6 33
F 6	23 11	6 9	1 24	17 24	2 35	10 35	2 45	7 0	1 23	23 35	0 1	17 32	1 48	23 45	0 21	11 48	0 54	23 57	0 47	1 11	1 18	3 14	11 40	6 33
S 7	23 15	2 27	0 21	17 51	2 25	10 55	2 46	7 16	1 23	23 35	0 1	17 33	1 48	23 45	0 21	11 48	0 54	23 57	0 47	1 11	1 19	3 16	11 40	6 33
S 8	23 19	1n18	0s41	18 19	2 14	11 15	2 46	7 32	1 23	23 35	0 1	17 35	1 48	23 45	0 21	11 48	0 54	23 57	0 47	1 11	1 21	3 17	11 40	6 34
M 9	23 22	5 0	1 42	18 48	2 2	11 35	2 47	7 49	1 22	23 35	0 1	17 37	1 48	23 45	0 21	11 48	0 54	23 57	0 47	1 12	1 22	3 19	11 40	6 34
T 10	23 25	8 32	2 39	19 16	1 51	11 55	2 47	8 5	1 22	23 35	0 1	17 38	1 48	23 44	0 21	11 48	0 54	23 57	0 47	1 13	1 23	3 21	11 41	6 34
W11	23 28	11 45	3 29	19 44	1 39	12 14	2 47	8 21	1 22	23 35	0 1	17 40	1 49	23 44	0 21	11 48	0 54	23 58	0 48	1 15	1 25	3 23	11 41	6 35
T 12	23 30	14 32	4 10	20 13	1 27	12 34	2 47	8 37	1 21	23 35	0 2	17 42	1 49	23 44	0 21	11 49	0 54	23 58	0 48	1 18	1 26	3 25	11 41	6 35
F 13	23 31	16 41	4 40	20 40	1 15	12 54	2 47	8 53	1 21	23 35	0 2	17 43	1 49	23 44	0 21	11 49	0 54	23 58	0 48	1 23	1 27	3 26	11 41	6 35
S 14	23 33	18 5	4 57	21 8	1 2	13 13	2 46	9 8	1 21	23 35	0 2	17 45	1 49	23 44	0 21	11 49	0 54	23 58	0 48	1 27	1 28	3 28	11 42	6 36
S 15	23 33	18 34	4 59	21 34	0 50	13 32	2 46	9 24	1 20	23 35	0 2	17 47	1 49	23 44	0 21	11 49	0 54	23 58	0 48	1 33	1 30	3 30	11 42	6 36
M16	23 34	18 4	4 46	22 0	0 38	13 52	2 45	9 40	1 20	23 35	0 2	17 48	1 49	23 43	0 21	11 49	0 54	23 59	0 48	1 37	1 31	3 32	11 42	6 36
T 17	23 34	16 32	4 16	22 24	0 26	14 11	2 45	9 55	1 20	23 35	0 2	17 50	1 49	23 43	0 21	11 50	0 55	23 59	0 48	1 42	1 32	3 34	11 42	6 36
W18	23 33	14 4	3 31	22 47	0 14	14 29	2 44	10 10	1 19	23 35	0 2	17 51	1 49	23 43	0 21	11 50	0 55	23 59	0 48	1 45	1 33	3 36	11 43	6 37
T 19	23 32	10 47	2 33	23 9	0 2	14 48	2 43	10 26	1 19	23 35	0 2	17 53	1 49	23 43	0 21	11 50	0 55	23 59	0 48	1 47	1 35	3 37	11 43	6 37
F 20	23 31	6 52	1 25	23 28	0n 9	15 7	2 42	10 41	1 19	23 34	0 2	17 54	1 49	23 43	0 21	11 50	0 55	23 59	0 48	1 48	1 36	3 39	11 43	6 37
S 21	23 29	2 32	0 12	23 46	0 20	15 25	2 41	10 56	1 18	23 34	0 2	17 56	1 49	23 42	0 21	11 51	0 55	24 0	0 49	1 48	1 37	3 41	11 44	6 37
S 22	23 27	1s57	1n 2	24 1	0 31	15 43	2 40	11 10	1 18	23 34	0 3	17 57	1 49	23 42	0 21	11 51	0 55	24 0	0 49	1 48	1 38	3 43	11 44	6 38
M23	23 25	6 21	2 13	24 14	0 41	16 1	2 38	11 25	1 17	23 34	0 3	17 59	1 49	23 42	0 21	11 51	0 55	24 0	0 49	1 48	1 40	3 45	11 45	6 38
T 24	23 22	10 23	3 16	24 24	0 50	16 18	2 37	11 40	1 17	23 34	0 3	18 0	1 49	23 42	0 21	11 52	0 55	24 0	0 49	1 49	1 41	3 46	11 45	6 38
W25	23 19	13 50	4 6	24 31	0 59	16 36	2 35	11 54	1 16	23 33	0 3	18 2	1 49	23 42	0 21	11 52	0 55	24 0	0 49	1 51	1 42	3 48	11 45	6 38
T 26	23 15	16 27	4 42	24 36	1 7	16 53	2 34	12 9	1 16	23 33	0 3	18 3	1 49	23 41	0 21	11 52	0 55	24 1	0 49	1 54	1 44	3 50	11 46	6 39
F 27	23 11	18 3	5 0	24 38	1 15	17 10	2 32	12 23	1 15	23 33	0 3	18 4	1 49	23 41	0 21	11 53	0 55	24 1	0 49	1 58	1 45	3 52	11 46	6 39
S 28	23 6	18 33	4 59	24 37	1 21	17 26	2 30	12 37	1 15	23 32	0 3	18 6	1 49	23 41	0 21	11 53	0 55	24 1	0 49	2 2	1 46	3 54	11 47	6 39
S 29	23 1	17 58	4 42	24 33	1 27	17 42	2 28	12 51	1 14	23 32	0 3	18 7	1 49	23 41	0 21	11 53	0 55	24 1	0 49	2 7	1 47	3 56	11 47	6 39
M30	22n56	16s24	4n10	24n27	1n33	17n58	2s27	13n 5	1s14	23n31	0n 3	18n 8	1s49	23n41	0n21	11s54	0s55	24s 1	0s49	2n11	1n49	3n57	11s48	6n39

Julian Day Number = 2097051.5, Delta T = 22m07s
Ecliptic obliquity = 23°33'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'42, Lahiri = 10°19'42 Julian Calendar 1 June 1029 == Greg. Calendar 7 June 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

JULY 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 57 58	13♋53'34	11♒53	15♋14	1♊36	8♉41	5♋12	28♉34	7♋54	1°R22	9°R42	24°R24	25♍25	13♈51	8°R28	T 1
W 2	19 1 55	14°50'49	24°33	17°20	2°42	9°22	5°25	28°40	7°58	1♓21	9♑41	24♍18	25°22	13°57	8♒25	W 2
T 3	19 5 51	15°48'04	6♓54	19°25	3°49	10° 3	5°39	28°46	8° 1	1°20	9°39	24°14	25°18	14° 4	8°22	T 3
F 4	19 9 48	16°45'20	19° 0	21°29	4°56	10°43	5°52	28°52	8° 5	1°19	9°38	24°D13	25°15	14°11	8°20	F 4
S 5	19 13 44	17°42'37	0♈56	23°32	6° 4	11°24	6° 6	28°58	8° 8	1°18	9°36	24°13	25°12	14°17	8°17	S 5
S 6	19 17 41	18°39'56	12°46	25°33	7°11	12° 5	6°19	29° 4	8°12	1°16	9°35	24°14	25° 9	14°24	8°14	S 6
M 7	19 21 37	19°37'15	24°35	27°33	8°18	12°45	6°32	29°10	8°16	1°15	9°34	24°R14	25° 6	14°31	8°11	M 7
T 8	19 25 34	20°34'35	6♉29	29°31	9°26	13°25	6°46	29°16	8°19	1°14	9°32	24°12	25° 3	14°37	8° 8	T 8
W 9	19 29 30	21°31'56	18°33	1♌28	10°34	14° 6	6°59	29°22	8°23	1°13	9°31	24° 9	24°59	14°44	8° 5	W 9
T 10	19 33 27	22°29'19	0♊52	3°23	11°42	14°46	7°12	29°28	8°26	1°12	9°29	24° 3	24°56	14°50	8° 2	T 10
F 11	19 37 24	23°26'42	13°28	5°16	12°50	15°26	7°25	29°34	8°30	1°11	9°28	23°56	24°53	14°57	7°59	F 11
S 12	19 41 20	24°24'07	26°25	7° 8	13°58	16° 6	7°38	29°39	8°34	1° 9	9°27	23°46	24°50	15° 4	7°56	S 12
S 13	19 45 17	25°21'33	9♋41	8°58	15° 6	16°45	7°52	29°45	8°37	1° 8	9°25	23°36	24°47	15°10	7°53	S 13
M14	19 49 13	26°18'59	23°17	10°47	16°14	17°25	8° 5	29°50	8°41	1° 7	9°24	23°27	24°44	15°17	7°50	M14
T 15	19 53 10	27°16'27	7♌10	12°34	17°23	18° 5	8°18	29°56	8°44	1° 6	9°22	23°19	24°40	15°24	7°47	T 15
W16	19 57 6	28°13'56	21°15	14°20	18°32	18°44	8°31	0♊ 1	8°48	1° 4	9°21	23°13	24°37	15°30	7°44	W16
T 17	20 1 3	29°11'25	5♍27	16° 3	19°40	19°23	8°44	0° 6	8°51	1° 3	9°20	23° 9	24°34	15°37	7°41	T 17
F 18	20 4 59	0♌ 8'56	19°44	17°46	20°49	20° 2	8°57	0°11	8°55	1° 2	9°18	23°D 8	24°31	15°44	7°38	F 18
S 19	20 8 56	1° 6'27	4♎ 1	19°26	21°58	20°41	9°10	0°16	8°58	1° 0	9°17	23° 8	24°28	15°50	7°34	S 19
S 20	20 12 53	2° 3'59	18°15	21° 5	23° 7	21°20	9°23	0°22	9° 1	0°59	9°16	23° 9	24°24	15°57	7°31	S 20
M21	20 16 49	3° 1'32	2♏25	22°43	24°16	21°59	9°36	0°26	9° 5	0°58	9°14	23°R10	24°21	16° 4	7°28	M21
T 22	20 20 46	3°59'06	16°29	24°19	25°26	22°38	9°49	0°31	9° 8	0°56	9°13	23° 9	24°18	16°10	7°25	T 22
W23	20 24 42	4°56'41	0♐27	25°53	26°35	23°16	10° 2	0°36	9°12	0°55	9°12	23° 7	24°15	16°17	7°22	W23
T 24	20 28 39	5°54'17	14°15	27°26	27°45	23°55	10°14	0°41	9°15	0°53	9°11	23° 2	24°12	16°24	7°19	T 24
F 25	20 32 35	6°51'54	27°54	28°57	28°54	24°33	10°27	0°46	9°18	0°52	9° 9	22°56	24° 9	16°30	7°16	F 25
S 26	20 36 32	7°49'33	11♑21	0♍27	0♋ 4	25°11	10°40	0°50	9°22	0°50	9° 8	22°49	24° 5	16°37	7°13	S 26
S 27	20 40 28	8°47'12	24°35	1°55	1°14	25°49	10°52	0°55	9°25	0°49	9° 7	22°41	24° 2	16°44	7° 9	S 27
M28	20 44 25	9°44'52	7♒33	3°22	2°24	26°27	11° 5	0°59	9°28	0°47	9° 6	22°34	23°59	16°50	7° 6	M28
T 29	20 48 22	10°42'34	20°16	4°47	3°34	27° 4	11°18	1° 3	9°32	0°46	9° 4	22°29	23°56	16°57	7° 3	T 29
W30	20 52 18	11°40'18	2♓44	6°10	4°44	27°42	11°30	1° 8	9°35	0°44	9° 3	22°25	23°53	17° 4	7° 0	W30
T 31	20 56 15	12♌38'02	14♓58	7♍32	5♋54	28♉19	11♋43	1♊12	9♋38	0♓43	9♑ 2	22♍23	23♍50	17♈10	6♒57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n50	14s 2	3n25	24n18	1n37	18n14	2s25	13n18	1s13	23n31	0n 3	18n10	1s50	23n40	0n21	11s54	0s55	24s 2	0s49	2n14	1n50	3n59	11s48	6n40
W 2	22 44	11 2	2 31	24 6	1 41	18 29	2 22	13 32	1 13	23 31	0 4	18 11	1 50	23 40	0 21	11 55	0 55	24 2	0 50	2 17	1 51	4 1	11 49	6 40
T 3	22 37	7 37	1 31	23 52	1 44	18 44	2 20	13 45	1 12	23 30	0 4	18 12	1 50	23 40	0 21	11 55	0 55	24 2	0 50	2 18	1 52	4 3	11 49	6 40
F 4	22 30	3 57	0 28	23 35	1 46	18 58	2 18	13 59	1 12	23 30	0 4	18 14	1 50	23 40	0 21	11 55	0 55	24 2	0 50	2 18	1 54	4 5	11 50	6 40
S 5	22 23	0 11	0s36	23 16	1 48	19 12	2 16	14 12	1 11	23 29	0 4	18 15	1 50	23 40	0 21	11 56	0 55	24 2	0 50	2 18	1 55	4 6	11 50	6 40
S 6	22 15	3n34	1 37	22 55	1 48	19 26	2 13	14 25	1 11	23 29	0 4	18 16	1 50	23 39	0 21	11 56	0 55	24 3	0 50	2 18	1 56	4 8	11 51	6 40
M 7	22 7	7 10	2 35	22 32	1 49	19 39	2 11	14 38	1 10	23 28	0 4	18 17	1 50	23 39	0 21	11 57	0 55	24 3	0 50	2 18	1 57	4 10	11 52	6 41
T 8	21 59	10 31	3 26	22 7	1 48	19 52	2 9	14 51	1 10	23 27	0 4	18 18	1 50	23 39	0 21	11 57	0 55	24 3	0 50	2 19	1 59	4 12	11 52	6 41
W 9	21 50	13 27	4 9	21 40	1 47	20 4	2 6	15 3	1 9	23 27	0 4	18 20	1 50	23 39	0 21	11 57	0 55	24 3	0 50	2 20	2 0	4 14	11 53	6 41
T 10	21 41	15 52	4 41	21 12	1 45	20 16	2 3	15 16	1 8	23 26	0 4	18 21	1 50	23 39	0 21	11 58	0 55	24 3	0 50	2 22	2 1	4 16	11 53	6 41
F 11	21 31	17 34	5 0	20 43	1 43	20 27	2 1	15 28	1 8	23 26	0 4	18 22	1 50	23 38	0 21	11 58	0 55	24 4	0 50	2 25	2 3	4 17	11 54	6 41
S 12	21 21	18 26	5 5	20 12	1 40	20 38	1 58	15 40	1 7	23 25	0 5	18 23	1 50	23 38	0 21	11 59	0 55	24 4	0 50	2 29	2 4	4 19	11 55	6 41
S 13	21 11	18 20	4 53	19 40	1 37	20 49	1 55	15 52	1 7	23 24	0 5	18 24	1 51	23 38	0 21	11 59	0 55	24 4	0 51	2 33	2 5	4 21	11 55	6 41
M14	21 0	17 11	4 25	19 7	1 33	20 59	1 52	16 4	1 6	23 24	0 5	18 25	1 51	23 38	0 21	12 0	0 55	24 4	0 51	2 37	2 6	4 23	11 56	6 41
T 15	20 49	15 1	3 41	18 33	1 29	21 9	1 50	16 16	1 5	23 23	0 5	18 26	1 51	23 37	0 21	12 0	0 55	24 4	0 51	2 40	2 8	4 25	11 57	6 41
W16	20 37	11 55	2 43	17 58	1 24	21 18	1 47	16 27	1 5	23 22	0 5	18 27	1 51	23 37	0 21	12 1	0 55	24 5	0 51	2 42	2 9	4 26	11 58	6 41
T 17	20 25	8 6	1 34	17 22	1 19	21 26	1 44	16 38	1 4	23 21	0 5	18 28	1 51	23 37	0 21	12 1	0 56	24 5	0 51	2 44	2 10	4 28	11 58	6 42
F 18	20 13	3 48	0 18	16 45	1 14	21 34	1 41	16 50	1 3	23 21	0 5	18 29	1 51	23 37	0 21	12 2	0 56	24 5	0 51	2 44	2 11	4 30	11 59	6 42
S 19	20 1	0s43	0n58	16 8	1 8	21 42	1 38	17 1	1 3	23 20	0 5	18 30	1 51	23 37	0 21	12 2	0 56	24 5	0 51	2 44	2 13	4 32	12 0	6 42
S 20	19 48	5 10	2 11	15 31	1 1	21 49	1 35	17 12	1 2	23 19	0 5	18 31	1 51	23 36	0 21	12 3	0 56	24 5	0 51	2 44	2 14	4 34	12 0	6 42
M21	19 35	9 19	3 16	14 53	0 55	21 55	1 31	17 22	1 1	23 18	0 6	18 32	1 51	23 36	0 21	12 3	0 56	24 5	0 51	2 44	2 15	4 35	12 1	6 42
T 22	19 21	12 54	4 8	14 14	0 48	22 1	1 28	17 33	1 0	23 17	0 6	18 33	1 52	23 36	0 21	12 4	0 56	24 6	0 51	2 44	2 16	4 37	12 2	6 42
W23	19 8	15 42	4 45	13 36	0 41	22 6	1 25	17 43	1 0	23 17	0 6	18 34	1 52	23 36	0 21	12 4	0 56	24 6	0 51	2 45	2 18	4 39	12 3	6 42
T 24	18 54	17 35	5 5	12 57	0 33	22 11	1 22	17 54	0 59	23 16	0 6	18 35	1 52	23 35	0 21	12 5	0 56	24 6	0 51	2 47	2 19	4 41	12 3	6 42
F 25	18 39	18 26	5 7	12 18	0 26	22 15	1 19	18 4	0 58	23 15	0 6	18 35	1 52	23 35	0 21	12 5	0 56	24 6	0 52	2 49	2 20	4 43	12 4	6 42
S 26	18 24	18 13	4 53	11 39	0 18	22 18	1 15	18 14	0 57	23 14	0 6	18 36	1 52	23 35	0 21	12 6	0 56	24 6	0 52	2 52	2 22	4 44	12 5	6 42
S 27	18 9	17 1	4 22	11 0	0 10	22 21	1 12	18 24	0 57	23 13	0 6	18 37	1 52	23 35	0 21	12 7	0 56	24 6	0 52	2 55	2 23	4 46	12 6	6 42
M28	17 54	14 57	3 39	10 21	0 1	22 23	1 9	18 33	0 56	23 12	0 6	18 38	1 52	23 35	0 21	12 7	0 56	24 7	0 52	2 58	2 24	4 48	12 7	6 42
T 29	17 38	12 11	2 45	9 42	0s 7	22 25	1 6	18 43	0 55	23 11	0 6	18 39	1 52	23 34	0 21	12 8	0 56	24 7	0 52	3 0	2 25	4 50	12 7	6 42
W30	17 22	8 55	1 45	9 3	0 16	22 26	1 2	18 52	0 54	23 10	0 6	18 39	1 52	23 34	0 21	12 8	0 56	24 7	0 52	3 1	2 27	4 52	12 8	6 42
T 31	17n 6	5s20	0n40	8n24	0s25	22n27	0s59	19n 1	0s53	23n 9	0n 7	18n40	1s53	23n34	0n21	12s 9	0s56	24s 7	0s52	3n 2	2n28	4n53	12s 9	6n42

Julian Day Number = 2097081.5, Delta T = 22m07s
Ecliptic obliquity = 23°33'44, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'46, Lahiri = 10°19'47 Julian Calendar 1 July 1029 == Greg. Calendar 7 July 1029

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1029
geocentric

AUGUST 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	21 0 11	13♌35'49	27♓ 0	8♍51	7♋ 4	28♉56	11♋55	1♊16	9♋41	0°R41	9°R 1	22°D23	23♍46	17♈17	6°R54	F 1
S 2	21 4 8	14°33'37	8♈54	10°10	8°15	29°33	12° 7	1°20	9°44	0♓40	9♑ 0	22♍24	23°43	17°24	6♒51	S 2
S 3	21 8 4	15°31'27	20°43	11°26	9°25	0♊10	12°20	1°24	9°47	0°38	8°59	22°26	23°40	17°30	6°48	S 3
M 4	21 12 1	16°29'18	2♉32	12°40	10°36	0°47	12°32	1°27	9°51	0°36	8°58	22°27	23°37	17°37	6°45	M 4
T 5	21 15 57	17°27'12	14°26	13°53	11°47	1°24	12°44	1°31	9°54	0°35	8°57	22°R28	23°34	17°44	6°41	T 5
W 6	21 19 54	18°25'07	26°30	15° 4	12°58	2° 0	12°56	1°35	9°57	0°33	8°56	22°28	23°30	17°50	6°38	W 6
T 7	21 23 50	19°23'04	8♊49	16°12	14° 9	2°36	13° 8	1°38	10° 0	0°32	8°54	22°26	23°27	17°57	6°35	T 7
F 8	21 27 47	20°21'03	21°27	17°19	15°20	3°13	13°20	1°42	10° 3	0°30	8°53	22°23	23°24	18° 4	6°32	F 8
S 9	21 31 44	21°19'04	4♋28	18°23	16°31	3°49	13°32	1°45	10° 6	0°28	8°52	22°19	23°21	18°10	6°29	S 9
S 10	21 35 40	22°17'07	17°52	19°24	17°42	4°24	13°44	1°48	10° 9	0°27	8°52	22°14	23°18	18°17	6°26	S 10
M11	21 39 37	23°15'11	1♌40	20°24	18°53	5° 0	13°56	1°51	10°12	0°25	8°51	22°10	23°15	18°23	6°23	M11
T 12	21 43 33	24°13'18	15°49	21°20	20° 4	5°35	14° 8	1°54	10°14	0°24	8°50	22° 6	23°11	18°30	6°21	T 12
W13	21 47 30	25°11'26	0♍16	22°14	21°16	6°11	14°19	1°57	10°17	0°22	8°49	22° 4	23° 8	18°37	6°18	W13
T 14	21 51 26	26° 9'36	14°53	23° 4	22°27	6°46	14°31	2° 0	10°20	0°20	8°48	22°D 2	23° 5	18°43	6°15	T 14
F 15	21 55 23	27° 7'47	29°35	23°52	23°39	7°20	14°42	2° 3	10°23	0°19	8°47	22° 2	23° 2	18°50	6°12	F 15
S 16	21 59 19	28° 6'00	14♎16	24°36	24°51	7°55	14°54	2° 6	10°26	0°17	8°46	22° 3	22°59	18°57	6° 9	S 16
S 17	22 3 16	29° 4'15	28°49	25°16	26° 3	8°30	15° 5	2° 8	10°28	0°15	8°45	22° 5	22°56	19° 3	6° 6	S 17
M18	22 7 13	0♏ 2'31	13♏10	25°53	27°14	9° 4	15°17	2°11	10°31	0°14	8°45	22° 6	22°52	19°10	6° 3	M18
T 19	22 11 9	1° 0'49	27°17	26°25	28°26	9°38	15°28	2°13	10°34	0°12	8°44	22°R 6	22°49	19°17	6° 1	T 19
W20	22 15 6	1°59'08	11♐ 9	26°52	29°38	10°12	15°39	2°15	10°36	0°10	8°43	22° 6	22°46	19°23	5°58	W20
T 21	22 19 2	2°57'29	24°45	27°15	0♌50	10°45	15°50	2°17	10°39	0° 9	8°42	22° 5	22°43	19°30	5°55	T 21
F 22	22 22 59	3°55'51	8♑ 5	27°33	2° 3	11°19	16° 1	2°19	10°41	0° 7	8°42	22° 3	22°40	19°37	5°53	F 22
S 23	22 26 55	4°54'15	21°11	27°45	3°15	11°52	16°12	2°21	10°44	0° 5	8°41	22° 1	22°36	19°43	5°50	S 23
S 24	22 30 52	5°52'41	4♒ 2	27°52	4°27	12°25	16°23	2°23	10°46	0° 4	8°40	21°58	22°33	19°50	5°48	S 24
M25	22 34 48	6°51'09	16°39	27°R52	5°39	12°58	16°34	2°25	10°49	0° 2	8°40	21°56	22°30	19°57	5°45	M25
T 26	22 38 45	7°49'38	29° 4	27°46	6°52	13°30	16°44	2°26	10°51	0° 0	8°39	21°55	22°27	20° 3	5°43	T 26
W27	22 42 42	8°48'09	11♓18	27°33	8° 4	14° 3	16°55	2°28	10°53	29♒59	8°39	21°54	22°24	20°10	5°40	W27
T 28	22 46 38	9°46'42	23°22	27°14	9°17	14°35	17° 5	2°29	10°56	29°57	8°38	21°D54	22°21	20°17	5°38	T 28
F 29	22 50 35	10°45'18	5♈19	26°47	10°30	15° 7	17°16	2°30	10°58	29°56	8°38	21°54	22°17	20°23	5°35	F 29
S 30	22 54 31	11°43'55	17° 9	26°14	11°42	15°38	17°26	2°32	11° 0	29°54	8°37	21°55	22°14	20°30	5°33	S 30
S 31	22 58 28	12♍42'34	28♈58	25♍33	12♌55	16♊10	17♋36	2♊33	11♋ 2	29♒52	8♑37	21♍56	22♍11	20♈37	5♒31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n50	1s35	0s25	7n46	0s34	22n27	0s56	19n10	0s53	23n 8	0n 7	18n41	1s53	23n34	0n21	12s 9	0s56	24s 7	0s52	3n 2	2n29	4n55	12s10	6n41
S 2	16 33	2n11	1 29	7 8	0 43	22 26	0 52	19 19	0 52	23 7	0 7	18 41	1 53	23 34	0 21	12 10	0 56	24 7	0 52	3 2	2 30	4 57	12 11	6 41
S 3	16 16	5 50	2 29	6 30	0 53	22 25	0 49	19 28	0 51	23 6	0 7	18 42	1 53	23 33	0 21	12 11	0 56	24 8	0 52	3 1	2 32	4 59	12 11	6 41
M 4	15 59	9 15	3 22	5 53	1 2	22 23	0 46	19 36	0 50	23 5	0 7	18 43	1 53	23 33	0 21	12 11	0 56	24 8	0 52	3 1	2 33	5 1	12 12	6 41
T 5	15 41	12 19	4 7	5 16	1 11	22 20	0 42	19 45	0 49	23 4	0 7	18 43	1 53	23 33	0 21	12 12	0 56	24 8	0 52	3 0	2 34	5 2	12 13	6 41
W 6	15 23	14 54	4 42	4 40	1 21	22 17	0 39	19 53	0 48	23 3	0 7	18 44	1 53	23 33	0 21	12 12	0 56	24 8	0 53	3 0	2 35	5 4	12 14	6 41
T 7	15 5	16 53	5 4	4 5	1 31	22 13	0 36	20 1	0 47	23 2	0 7	18 45	1 54	23 32	0 21	12 13	0 56	24 8	0 53	3 1	2 37	5 6	12 15	6 41
F 8	14 47	18 5	5 13	3 30	1 40	22 8	0 32	20 9	0 46	23 1	0 7	18 45	1 54	23 32	0 22	12 13	0 56	24 8	0 53	3 2	2 38	5 8	12 16	6 41
S 9	14 28	18 23	5 6	2 56	1 50	22 3	0 29	20 17	0 45	23 0	0 8	18 46	1 54	23 32	0 22	12 14	0 56	24 8	0 53	3 4	2 39	5 10	12 17	6 41
S 10	14 9	17 42	4 42	2 23	1 59	21 57	0 26	20 24	0 44	22 59	0 8	18 46	1 54	23 32	0 22	12 15	0 56	24 9	0 53	3 6	2 40	5 11	12 17	6 41
M11	13 50	15 57	4 2	1 51	2 9	21 51	0 23	20 32	0 44	22 58	0 8	18 47	1 54	23 32	0 22	12 15	0 56	24 9	0 53	3 7	2 42	5 13	12 18	6 40
T 12	13 31	13 13	3 6	1 20	2 18	21 44	0 19	20 39	0 43	22 56	0 8	18 47	1 54	23 31	0 22	12 16	0 56	24 9	0 53	3 9	2 43	5 15	12 19	6 40
W13	13 11	9 37	1 57	0 50	2 28	21 36	0 16	20 46	0 42	22 55	0 8	18 48	1 54	23 31	0 22	12 16	0 56	24 9	0 53	3 10	2 44	5 17	12 20	6 40
T 14	12 52	5 23	0 39	0 22	2 37	21 28	0 13	20 53	0 41	22 54	0 8	18 48	1 54	23 31	0 22	12 17	0 56	24 9	0 53	3 10	2 46	5 19	12 21	6 40
F 15	12 32	0 48	0n42	0s 6	2 46	21 19	0 10	21 0	0 40	22 53	0 8	18 48	1 55	23 31	0 22	12 18	0 56	24 9	0 53	3 10	2 47	5 20	12 22	6 40
S 16	12 12	3s49	1 59	0 31	2 55	21 10	0 6	21 6	0 39	22 52	0 8	18 49	1 55	23 31	0 22	12 18	0 56	24 9	0 53	3 10	2 48	5 22	12 23	6 40
S 17	11 51	8 10	3 9	0 55	3 4	21 0	0 3	21 13	0 38	22 51	0 9	18 49	1 55	23 30	0 22	12 19	0 56	24 10	0 53	3 10	2 49	5 24	12 23	6 39
M18	11 31	11 58	4 6	1 17	3 12	20 49	0 0	21 19	0 36	22 50	0 9	18 49	1 55	23 30	0 22	12 19	0 56	24 10	0 53	3 9	2 51	5 26	12 24	6 39
T 19	11 10	15 0	4 47	1 38	3 20	20 38	0n 3	21 26	0 35	22 48	0 9	18 50	1 55	23 30	0 22	12 20	0 56	24 10	0 53	3 9	2 52	5 28	12 25	6 39
W20	10 49	17 7	5 10	1 56	3 28	20 26	0 6	21 32	0 34	22 47	0 9	18 50	1 55	23 30	0 22	12 21	0 56	24 10	0 54	3 9	2 53	5 29	12 26	6 39
T 21	10 28	18 12	5 15	2 11	3 35	20 13	0 9	21 37	0 33	22 46	0 9	18 50	1 56	23 30	0 22	12 21	0 56	24 10	0 54	3 9	2 54	5 31	12 27	6 39
F 22	10 7	18 16	5 4	2 24	3 42	20 0	0 12	21 43	0 32	22 45	0 9	18 51	1 56	23 30	0 22	12 22	0 56	24 10	0 54	3 10	2 56	5 33	12 28	6 38
S 23	9 46	17 20	4 36	2 35	3 47	19 47	0 15	21 49	0 31	22 44	0 9	18 51	1 56	23 29	0 22	12 22	0 56	24 10	0 54	3 11	2 57	5 35	12 28	6 38
S 24	9 24	15 32	3 55	2 42	3 53	19 32	0 18	21 54	0 30	22 42	0 9	18 51	1 56	23 29	0 22	12 23	0 56	24 10	0 54	3 12	2 58	5 36	12 29	6 38
M25	9 2	13 1	3 3	2 46	3 57	19 18	0 21	22 0	0 29	22 41	0 10	18 51	1 56	23 29	0 22	12 24	0 56	24 10	0 54	3 13	2 59	5 38	12 30	6 38
T 26	8 41	9 56	2 3	2 47	4 0	19 2	0 24	22 5	0 28	22 40	0 10	18 51	1 56	23 29	0 22	12 24	0 56	24 11	0 54	3 13	3 1	5 40	12 31	6 37
W27	8 19	6 28	0 58	2 44	4 2	18 46	0 27	22 10	0 26	22 39	0 10	18 52	1 56	23 29	0 22	12 25	0 56	24 11	0 54	3 14	3 2	5 42	12 32	6 37
T 28	7 57	2 46	0s 8	2 37	4 3	18 30	0 30	22 15	0 25	22 38	0 10	18 52	1 57	23 29	0 22	12 25	0 56	24 11	0 54	3 14	3 3	5 44	12 33	6 37
F 29	7 34	0n59	1 14	2 26	4 3	18 13	0 32	22 20	0 24	22 36	0 10	18 52	1 57	23 28	0 22	12 26	0 56	24 11	0 54	3 14	3 4	5 45	12 33	6 37
S 30	7 12	4 41	2 16	2 10	4 1	17 55	0 35	22 24	0 23	22 35	0 10	18 52	1 57	23 28	0 22	12 27	0 56	24 11	0 54	3 13	3 6	5 47	12 34	6 36
S 31	6n49	8n10	3s12	1s51	3s57	17n37	0n38	22n29	0s22	22n34	0n10	18n52	1s57	23n28	0n22	12s27	0s56	24s11	0s54	3n13	3n 7	5n49	12s35	6n36

Julian Day Number = 2097112.5, Delta T = 22m06s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'50, Lahiri = 10°19'51 Julian Calendar 1 Aug. 1029 == Greg. Calendar 7 Aug. 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

SEPTEMBER 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 2 24	13♍41'16	10♉47	24°R46	14♌ 8	16♊41	17♋46	2♊34	11♋ 4	29°R51	8°R36	21♍56	22♍ 8	20♈43	5°R28	M 1
T 2	23 6 21	14°40'00	22°41	23♍53	15°21	17°12	17°56	2°34	11° 6	29♒49	8♉36	21°57	22° 5	20°50	5♒26	T 2
W 3	23 10 17	15°38'46	4♊44	22°55	16°34	17°43	18° 6	2°35	11° 8	29°48	8°35	21°58	22° 1	20°57	5°24	W 3
T 4	23 14 14	16°37'35	17° 0	21°53	17°47	18°13	18°16	2°36	11°10	29°46	8°35	21°R58	21°58	21° 3	5°22	T 4
F 5	23 18 11	17°36'25	29°35	20°48	19° 1	18°43	18°26	2°36	11°12	29°44	8°35	21°58	21°55	21°10	5°20	F 5
S 6	23 22 7	18°35'19	12♋31	19°42	20°14	19°13	18°35	2°37	11°14	29°43	8°34	21°57	21°52	21°17	5°18	S 6
S 7	23 26 4	19°34'14	25°53	18°35	21°27	19°43	18°45	2°37	11°16	29°41	8°34	21°57	21°49	21°23	5°16	S 7
M 8	23 30 0	20°33'12	9♌41	17°31	22°40	20°12	18°54	2°37	11°18	29°40	8°34	21°57	21°46	21°30	5°14	M 8
T 9	23 33 57	21°32'12	23°55	16°30	23°54	20°41	19° 3	2°R37	11°20	29°38	8°34	21°D57	21°42	21°37	5°12	T 9
W10	23 37 53	22°31'14	8♍31	15°34	25° 7	21° 9	19°12	2°37	11°21	29°37	8°34	21°57	21°39	21°43	5°11	W10
T 11	23 41 50	23°30'18	23°25	14°45	26°21	21°38	19°21	2°37	11°23	29°35	8°33	21°R57	21°36	21°50	5° 9	T 11
F 12	23 45 46	24°29'25	8♎28	14° 4	27°35	22° 6	19°30	2°37	11°25	29°34	8°33	21°57	21°33	21°57	5° 7	F 12
S 13	23 49 43	25°28'33	23°32	13°32	28°48	22°34	19°39	2°36	11°26	29°32	8°33	21°57	21°30	22° 3	5° 5	S 13
S 14	23 53 39	26°27'43	8♏28	13°10	0♍ 2	23° 1	19°48	2°36	11°28	29°31	8°33	21°56	21°27	22°10	5° 4	S 14
M15	23 57 36	27°26'55	23° 8	12°59	1°16	23°28	19°56	2°35	11°29	29°30	8°D33	21°56	21°23	22°17	5° 2	M15
T 16	0 1 33	28°26'10	7♐28	12°D58	2°30	23°55	20° 5	2°35	11°31	29°28	8°33	21°55	21°20	22°23	5° 1	T 16
W17	0 5 29	29°25'25	21°26	13° 8	3°43	24°21	20°13	2°34	11°32	29°27	8°33	21°55	21°17	22°30	5° 0	W17
T 18	0 9 26	0♎24'43	4♑59	13°28	4°57	24°47	20°21	2°33	11°33	29°25	8°33	21°D55	21°14	22°37	4°58	T 18
F 19	0 13 22	1°24'03	18°11	13°58	6°11	25°13	20°29	2°32	11°35	29°24	8°33	21°55	21°11	22°43	4°57	F 19
S 20	0 17 19	2°23'24	1♒ 3	14°37	7°25	25°39	20°37	2°31	11°36	29°23	8°33	21°56	21° 7	22°50	4°56	S 20
S 21	0 21 15	3°22'47	13°38	15°25	8°39	26° 4	20°45	2°29	11°37	29°21	8°34	21°57	21° 4	22°57	4°55	S 21
M22	0 25 12	4°22'12	25°59	16°21	9°54	26°28	20°52	2°28	11°38	29°20	8°34	21°58	21° 1	23° 3	4°53	M22
T 23	0 29 8	5°21'39	8♓ 9	17°24	11° 8	26°52	21° 0	2°27	11°39	29°19	8°34	21°59	20°58	23°10	4°52	T 23
W24	0 33 5	6°21'07	20°10	18°34	12°22	27°16	21° 7	2°25	11°40	29°18	8°34	21°R59	20°55	23°17	4°51	W24
T 25	0 37 2	7°20'38	2♈ 6	19°48	13°36	27°40	21°14	2°23	11°41	29°16	8°35	21°59	20°52	23°23	4°50	T 25
F 26	0 40 58	8°20'11	13°57	21° 8	14°50	28° 3	21°21	2°22	11°42	29°15	8°35	21°58	20°48	23°30	4°50	F 26
S 27	0 44 55	9°19'46	25°46	22°32	16° 5	28°25	21°28	2°20	11°43	29°14	8°35	21°56	20°45	23°37	4°49	S 27
S 28	0 48 51	10°19'23	7♉35	23°59	17°19	28°48	21°35	2°18	11°44	29°13	8°35	21°53	20°42	23°43	4°48	S 28
M29	0 52 48	11°19'02	19°27	25°30	18°34	29° 9	21°41	2°16	11°44	29°12	8°36	21°50	20°39	23°50	4°47	M29
T 30	0 56 44	12♎18'43	1♊23	27♍ 2	19♍48	29♊31	21♋48	2♊13	11♋45	29♒11	8♉36	21♍47	20♍36	23♈57	4♒47	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n27	11n20	4s 0	1s27	3s52	17n19	0n40	22n33	0s20	22n33	0n10	18n52	1s57	23n28	0n22	12s28	0s56	24s11	0s54	3n13	3n 8	5n51	12s36	6n36
T 2	6 4	14 4	4 37	0 59	3 44	17 0	0 43	22 38	0 19	22 32	0 11	18 52	1 57	23 28	0 22	12 28	0 56	24 11	0 54	3 12	3 10	5 53	12 37	6 35
W 3	5 41	16 13	5 4	0 28	3 35	16 40	0 45	22 42	0 18	22 30	0 11	18 52	1 57	23 28	0 22	12 29	0 56	24 11	0 55	3 12	3 11	5 54	12 38	6 35
T 4	5 18	17 40	5 17	0n 7	3 23	16 20	0 48	22 46	0 17	22 29	0 11	18 52	1 58	23 27	0 22	12 29	0 56	24 11	0 55	3 12	3 12	5 56	12 38	6 35
F 5	4 55	18 19	5 15	0 45	3 10	16 0	0 50	22 50	0 15	22 28	0 11	18 52	1 58	23 27	0 22	12 30	0 56	24 12	0 55	3 12	3 13	5 58	12 39	6 34
S 6	4 32	18 2	4 58	1 25	2 55	15 39	0 53	22 53	0 14	22 27	0 11	18 52	1 58	23 27	0 22	12 30	0 56	24 12	0 55	3 12	3 15	6 0	12 40	6 34
S 7	4 9	16 45	4 24	2 7	2 38	15 17	0 55	22 57	0 13	22 26	0 11	18 52	1 58	23 27	0 22	12 31	0 56	24 12	0 55	3 12	3 16	6 1	12 41	6 34
M 8	3 46	14 29	3 34	2 48	2 20	14 56	0 57	23 1	0 11	22 25	0 11	18 52	1 58	23 27	0 22	12 31	0 56	24 12	0 55	3 13	3 17	6 3	12 41	6 34
T 9	3 22	11 16	2 30	3 30	2 1	14 33	0 59	23 4	0 10	22 23	0 11	18 51	1 58	23 27	0 22	12 32	0 56	24 12	0 55	3 13	3 18	6 5	12 42	6 33
W10	2 59	7 16	1 14	4 10	1 41	14 11	1 1	23 8	0 8	22 22	0 12	18 51	1 58	23 27	0 22	12 33	0 56	24 12	0 55	3 13	3 20	6 7	12 43	6 33
T 11	2 36	2 45	0n 8	4 47	1 21	13 47	1 3	23 11	0 7	22 21	0 12	18 51	1 59	23 27	0 22	12 33	0 56	24 12	0 55	3 13	3 21	6 9	12 44	6 32
F 12	2 12	1s59	1 31	5 22	1 1	13 24	1 5	23 14	0 6	22 20	0 12	18 51	1 59	23 26	0 22	12 34	0 56	24 12	0 55	3 13	3 22	6 10	12 44	6 32
S 13	1 48	6 36	2 47	5 53	0 41	13 0	1 7	23 17	0 4	22 19	0 12	18 51	1 59	23 26	0 22	12 34	0 56	24 12	0 55	3 13	3 23	6 12	12 45	6 32
S 14	1 25	10 45	3 51	6 19	0 21	12 36	1 9	23 20	0 3	22 18	0 12	18 51	1 59	23 26	0 22	12 35	0 56	24 12	0 55	3 13	3 25	6 14	12 46	6 31
M15	1 1	14 9	4 39	6 40	0 3	12 11	1 11	23 23	0 1	22 17	0 12	18 50	1 59	23 26	0 22	12 35	0 56	24 12	0 55	3 13	3 26	6 16	12 47	6 31
T 16	0 38	16 37	5 8	6 57	0n15	11 46	1 13	23 26	0n 0	22 15	0 12	18 50	1 59	23 26	0 22	12 36	0 56	24 12	0 55	3 13	3 27	6 17	12 47	6 31
W17	0 14	18 0	5 18	7 8	0 31	11 21	1 14	23 28	0 2	22 14	0 13	18 50	1 59	23 26	0 23	12 36	0 56	24 12	0 55	3 13	3 28	6 19	12 48	6 30
T 18	0s10	18 19	5 9	7 14	0 46	10 55	1 16	23 31	0 3	22 13	0 13	18 49	2 0	23 26	0 23	12 37	0 56	24 12	0 55	3 13	3 30	6 21	12 49	6 30
F 19	0 34	17 37	4 45	7 15	0 59	10 29	1 17	23 34	0 5	22 12	0 13	18 49	2 0	23 26	0 23	12 37	0 56	24 13	0 56	3 13	3 31	6 23	12 49	6 30
S 20	0 57	16 1	4 7	7 11	1 12	10 3	1 19	23 36	0 7	22 11	0 13	18 49	2 0	23 26	0 23	12 37	0 56	24 13	0 56	3 13	3 32	6 25	12 50	6 29
S 21	1 21	13 40	3 17	7 2	1 22	9 36	1 20	23 38	0 8	22 10	0 13	18 48	2 0	23 26	0 23	12 38	0 56	24 13	0 56	3 13	3 33	6 26	12 51	6 29
M22	1 45	10 44	2 19	6 49	1 31	9 9	1 22	23 41	0 10	22 9	0 13	18 48	2 0	23 26	0 23	12 38	0 56	24 13	0 56	3 12	3 35	6 28	12 51	6 28
T 23	2 8	7 23	1 16	6 31	1 39	8 42	1 23	23 43	0 11	22 8	0 13	18 48	2 0	23 26	0 23	12 39	0 56	24 13	0 56	3 12	3 36	6 30	12 52	6 28
W24	2 32	3 45	0 10	6 10	1 46	8 15	1 24	23 45	0 13	22 7	0 14	18 47	2 0	23 25	0 23	12 39	0 56	24 13	0 56	3 12	3 37	6 32	12 52	6 28
T 25	2 56	0 1	0s56	5 45	1 51	7 47	1 25	23 47	0 15	22 6	0 14	18 47	2 0	23 25	0 23	12 40	0 56	24 13	0 56	3 12	3 38	6 33	12 53	6 27
F 26	3 19	3n42	1 59	5 18	1 55	7 19	1 26	23 49	0 17	22 5	0 14	18 46	2 1	23 25	0 23	12 40	0 56	24 13	0 56	3 12	3 40	6 35	12 54	6 27
S 27	3 43	7 16	2 56	4 47	1 58	6 51	1 27	23 51	0 18	22 4	0 14	18 46	2 1	23 25	0 23	12 40	0 56	24 13	0 56	3 13	3 41	6 37	12 54	6 26
S 28	4 6	10 33	3 46	4 14	2 0	6 23	1 28	23 53	0 20	22 3	0 14	18 45	2 1	23 25	0 23	12 41	0 56	24 13	0 56	3 14	3 42	6 39	12 55	6 26
M29	4 30	13 24	4 26	3 39	2 1	5 54	1 29	23 55	0 22	22 2	0 14	18 45	2 1	23 25	0 23	12 41	0 56	24 13	0 56	3 15	3 43	6 40	12 55	6 26
T 30	4s53	15n43	4s55	3n 2	2n 1	5n26	1n30	23n57	0n24	22n 2	0n15	18n44	2s 1	23n25	0n23	12s42	0s56	24s13	0s56	3n17	3n45	6n42	12s56	6n25

Julian Day Number = 2097143.5, Delta T = 22m06s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'55, Lahiri = 10°19'55 Julian Calendar 1 Sept. 1029 == Greg. Calendar 7 Sept. 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

OCTOBER 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 0 41	13♎18'27	13♊28	28♍37	21♍ 3	29♊52	21♋54	2°R11	11♋46	29°R10	8♑37	21°R44	20♍32	24♈ 3	4°R46	W 1
T 2	1 4 37	14°18'13	25°44	0♎13	22°17	0♋12	22° 0	2♊ 9	11°46	29♒ 8	8°37	21♍42	20°29	24°10	4♒46	T 2
F 3	1 8 34	15°18'01	8♋15	1°51	23°32	0°32	22° 6	2° 6	11°47	29° 7	8°38	21°40	20°26	24°17	4°45	F 3
S 4	1 12 30	16°17'51	21° 5	3°30	24°47	0°51	22°12	2° 4	11°47	29° 6	8°38	21°D40	20°23	24°23	4°45	S 4
S 5	1 16 27	17°17'44	4♌18	5° 9	26° 1	1°10	22°18	2° 1	11°48	29° 5	8°39	21°41	20°20	24°30	4°45	S 5
M 6	1 20 24	18°17'39	17°57	6°49	27°16	1°29	22°23	1°58	11°48	29° 5	8°39	21°43	20°17	24°37	4°45	M 6
T 7	1 24 20	19°17'36	2♍ 2	8°29	28°31	1°47	22°29	1°55	11°49	29° 4	8°40	21°44	20°13	24°43	4°44	T 7
W 8	1 28 17	20°17'36	16°33	10° 9	29°46	2° 4	22°34	1°52	11°49	29° 3	8°41	21°R45	20°10	24°50	4°44	W 8
T 9	1 32 13	21°17'37	1♎27	11°49	1♎ 0	2°21	22°39	1°49	11°49	29° 2	8°41	21°45	20° 7	24°57	4°D44	T 9
F 10	1 36 10	22°17'41	16°36	13°30	2°15	2°37	22°44	1°46	11°49	29° 1	8°42	21°43	20° 4	25° 3	4°44	F 10
S 11	1 40 6	23°17'46	1♏52	15°10	3°30	2°53	22°49	1°43	11°49	29° 0	8°43	21°40	20° 1	25°10	4°44	S 11
S 12	1 44 3	24°17'54	17° 5	16°50	4°45	3° 8	22°53	1°40	11°R49	28°59	8°44	21°35	19°58	25°17	4°45	S 12
M13	1 47 59	25°18'03	2♐ 3	18°30	6° 0	3°23	22°57	1°36	11°49	28°59	8°44	21°30	19°54	25°23	4°45	M13
T 14	1 51 56	26°18'14	16°39	20° 9	7°15	3°37	23° 2	1°33	11°49	28°58	8°45	21°25	19°51	25°30	4°45	T 14
W15	1 55 53	27°18'27	0♑49	21°48	8°30	3°50	23° 6	1°29	11°49	28°57	8°46	21°21	19°48	25°37	4°46	W15
T 16	1 59 49	28°18'41	14°30	23°27	9°45	4° 3	23° 9	1°25	11°49	28°57	8°47	21°19	19°45	25°43	4°46	T 16
F 17	2 3 46	29°18'56	27°43	25° 5	11° 0	4°15	23°13	1°22	11°49	28°56	8°48	21°D18	19°42	25°50	4°46	F 17
S 18	2 7 42	0♏19'13	10♒32	26°43	12°15	4°27	23°16	1°18	11°48	28°55	8°49	21°18	19°38	25°57	4°47	S 18
S 19	2 11 39	1°19'32	23° 0	28°21	13°30	4°37	23°20	1°14	11°48	28°55	8°50	21°20	19°35	26° 3	4°48	S 19
M20	2 15 35	2°19'52	5♓12	29°58	14°45	4°48	23°23	1°10	11°48	28°54	8°51	21°21	19°32	26°10	4°48	M20
T 21	2 19 32	3°20'14	17°13	1♏35	16° 1	4°57	23°26	1° 6	11°47	28°54	8°52	21°R23	19°29	26°17	4°49	T 21
W22	2 23 28	4°20'37	29° 6	3°12	17°16	5° 6	23°28	1° 2	11°47	28°53	8°53	21°22	19°26	26°23	4°50	W22
T 23	2 27 25	5°21'01	10♈56	4°48	18°31	5°14	23°31	0°58	11°46	28°53	8°54	21°20	19°23	26°30	4°51	T 23
F 24	2 31 22	6°21'27	22°44	6°24	19°46	5°21	23°33	0°54	11°46	28°52	8°55	21°16	19°19	26°37	4°52	F 24
S 25	2 35 18	7°21'55	4♉34	8° 0	21° 1	5°28	23°35	0°49	11°45	28°52	8°56	21° 9	19°16	26°43	4°53	S 25
S 26	2 39 15	8°22'24	16°27	9°36	22°17	5°34	23°37	0°45	11°44	28°52	8°57	21° 1	19°13	26°50	4°54	S 26
M27	2 43 11	9°22'55	28°25	11°11	23°32	5°39	23°39	0°41	11°43	28°51	8°58	20°51	19°10	26°57	4°55	M27
T 28	2 47 8	10°23'28	10♊30	12°46	24°47	5°44	23°41	0°36	11°43	28°51	9° 0	20°42	19° 7	27° 3	4°56	T 28
W29	2 51 4	11°24'03	22°42	14°20	26° 2	5°47	23°42	0°32	11°42	28°51	9° 1	20°32	19° 3	27°10	4°58	W29
T 30	2 55 1	12°24'39	5♋ 4	15°55	27°18	5°50	23°43	0°27	11°41	28°51	9° 2	20°25	19° 0	27°17	4°59	T 30
F 31	2 58 57	13♏25'17	17♋38	17♏29	28♎33	5♋52	23♋44	0♊22	11♋40	28♒51	9♑ 3	20♍19	18♍57	27♈23	5♒ 0	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s17	17n23	5s12	2n24	2n 0	4n57	1n30	23n59	0n26	22n 1	0n15	18n44	2s 1	23n25	0n23	12s42	0s56	24s13	0s56	3n18	3n46	6n44	12s56	6n25
T 2	5 40	18 16	5 14	1 44	1 59	4 28	1 31	24 1	0 27	22 0	0 15	18 43	2 1	23 25	0 23	12 42	0 56	24 13	0 56	3 19	3 47	6 46	12 57	6 24
F 3	6 3	18 17	5 2	1 3	1 57	3 59	1 31	24 3	0 29	21 59	0 15	18 42	2 1	23 25	0 23	12 43	0 56	24 13	0 56	3 19	3 49	6 47	12 57	6 24
S 4	6 26	17 23	4 35	0 21	1 54	3 29	1 32	24 5	0 31	21 58	0 15	18 42	2 1	23 25	0 23	12 43	0 56	24 13	0 57	3 19	3 50	6 49	12 58	6 24
S 5	6 50	15 31	3 52	0s21	1 51	3 0	1 32	24 7	0 33	21 58	0 15	18 41	2 2	23 25	0 23	12 43	0 56	24 13	0 57	3 19	3 51	6 51	12 58	6 23
M 6	7 13	12 45	2 55	1 4	1 47	2 30	1 33	24 8	0 35	21 57	0 15	18 41	2 2	23 25	0 23	12 44	0 56	24 13	0 57	3 18	3 52	6 53	12 59	6 23
T 7	7 35	9 9	1 46	1 48	1 43	2 1	1 33	24 10	0 37	21 56	0 16	18 40	2 2	23 25	0 23	12 44	0 56	24 13	0 57	3 18	3 54	6 54	12 59	6 22
W 8	7 58	4 54	0 29	2 32	1 39	1 31	1 33	24 12	0 39	21 55	0 16	18 39	2 2	23 25	0 23	12 44	0 56	24 13	0 57	3 17	3 55	6 56	13 0	6 22
T 9	8 21	0 14	0n53	3 15	1 34	1 1	1 33	24 14	0 41	21 55	0 16	18 38	2 2	23 25	0 23	12 45	0 56	24 13	0 57	3 17	3 56	6 58	13 0	6 22
F 10	8 43	4s32	2 12	3 59	1 29	0 31	1 33	24 15	0 43	21 54	0 16	18 38	2 2	23 25	0 23	12 45	0 56	24 13	0 57	3 18	3 57	7 0	13 0	6 21
S 11	9 6	9 1	3 22	4 43	1 23	0 1	1 33	24 17	0 45	21 53	0 16	18 37	2 2	23 25	0 23	12 45	0 56	24 13	0 57	3 19	3 59	7 2	13 1	6 21
S 12	9 28	12 54	4 18	5 27	1 18	0s29	1 33	24 19	0 47	21 53	0 16	18 36	2 2	23 25	0 23	12 45	0 56	24 13	0 57	3 21	4 0	7 3	13 1	6 20
M13	9 50	15 52	4 54	6 11	1 12	0 59	1 33	24 21	0 50	21 52	0 17	18 36	2 2	23 25	0 23	12 46	0 56	24 13	0 57	3 23	4 1	7 5	13 2	6 20
T 14	10 12	17 44	5 11	6 54	1 6	1 29	1 32	24 23	0 52	21 52	0 17	18 35	2 2	23 25	0 23	12 46	0 56	24 13	0 57	3 25	4 2	7 7	13 2	6 19
W15	10 34	18 26	5 8	7 37	1 0	1 59	1 32	24 24	0 54	21 51	0 17	18 34	2 2	23 25	0 23	12 46	0 56	24 13	0 57	3 27	4 4	7 9	13 2	6 19
T 16	10 56	18 1	4 47	8 19	0 53	2 29	1 32	24 26	0 56	21 51	0 17	18 33	2 2	23 25	0 23	12 46	0 56	24 13	0 57	3 28	4 5	7 10	13 2	6 19
F 17	11 17	16 37	4 11	9 2	0 47	2 59	1 31	24 28	0 59	21 50	0 17	18 32	2 2	23 25	0 23	12 47	0 56	24 13	0 57	3 28	4 6	7 12	13 3	6 18
S 18	11 39	14 25	3 24	9 44	0 41	3 29	1 31	24 30	1 1	21 50	0 17	18 32	2 3	23 25	0 23	12 47	0 56	24 13	0 57	3 28	4 7	7 14	13 3	6 18
S 19	12 0	11 35	2 28	10 25	0 34	3 58	1 30	24 32	1 3	21 50	0 18	18 31	2 3	23 25	0 23	12 47	0 56	24 13	0 57	3 27	4 9	7 16	13 3	6 17
M20	12 21	8 18	1 27	11 6	0 27	4 28	1 29	24 34	1 6	21 49	0 18	18 30	2 3	23 26	0 23	12 47	0 56	24 13	0 58	3 27	4 10	7 17	13 4	6 17
T 21	12 41	4 44	0 23	11 46	0 21	4 58	1 29	24 36	1 8	21 49	0 18	18 29	2 3	23 26	0 24	12 47	0 56	24 13	0 58	3 26	4 11	7 19	13 4	6 16
W22	13 2	1 0	0s42	12 25	0 14	5 28	1 28	24 38	1 10	21 49	0 18	18 28	2 3	23 26	0 24	12 47	0 56	24 13	0 58	3 26	4 12	7 21	13 4	6 16
T 23	13 22	2n45	1 44	13 4	0 7	5 57	1 27	24 40	1 13	21 48	0 18	18 27	2 3	23 26	0 24	12 48	0 56	24 13	0 58	3 27	4 14	7 23	13 4	6 16
F 24	13 43	6 23	2 41	13 43	0 1	6 27	1 26	24 42	1 15	21 48	0 19	18 26	2 3	23 26	0 24	12 48	0 56	24 13	0 58	3 29	4 15	7 24	13 4	6 15
S 25	14 2	9 47	3 32	14 20	0s 6	6 56	1 25	24 45	1 18	21 48	0 19	18 25	2 3	23 26	0 24	12 48	0 56	24 13	0 58	3 31	4 16	7 26	13 5	6 15
S 26	14 22	12 48	4 13	14 57	0 13	7 25	1 24	24 47	1 20	21 48	0 19	18 25	2 3	23 26	0 24	12 48	0 56	24 13	0 58	3 35	4 17	7 28	13 5	6 14
M27	14 42	15 18	4 44	15 34	0 19	7 54	1 23	24 49	1 23	21 48	0 19	18 24	2 3	23 26	0 24	12 48	0 56	24 13	0 58	3 39	4 19	7 29	13 5	6 14
T 28	15 1	17 9	5 2	16 9	0 26	8 23	1 22	24 52	1 25	21 47	0 19	18 23	2 3	23 26	0 24	12 48	0 56	24 13	0 58	3 42	4 20	7 31	13 5	6 14
W29	15 20	18 16	5 6	16 44	0 32	8 51	1 21	24 54	1 28	21 47	0 19	18 22	2 3	23 26	0 24	12 48	0 56	24 13	0 58	3 46	4 21	7 33	13 5	6 13
T 30	15 38	18 31	4 57	17 18	0 38	9 20	1 19	24 57	1 31	21 47	0 20	18 21	2 3	23 26	0 24	12 48	0 56	24 13	0 58	3 49	4 22	7 35	13 5	6 13
F 31	15s57	17n53	4s33	17s51	0s45	9s48	1n18	24n59	1n33	21n47	0n20	18n20	2s 3	23n27	0n24	12s48	0s56	24s13	0s58	3n51	4n24	7n36	13s 5	6n12

Julian Day Number = 2097173.5, Delta T = 22m06s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°12'59, Lahiri = 10°19'59 Julian Calendar 1 Oct. 1029 == Greg. Calendar 7 Oct. 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

NOVEMBER 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 2 54	14♏25'56	0♌27	19♏ 3	29♎48	5♋53	23♋45	0°R18	11°R39	28°R50	9♑ 5	20°R16	18♍54	27♈30	5♒ 2	S 1
S 2	3 6 51	15°26'38	13°33	20°36	1♏ 4	5°R54	23°45	0♊13	11♋38	28♒50	9° 6	20°D15	18°51	27°37	5° 3	S 2
M 3	3 10 47	16°27'21	27° 1	22°10	2°19	5°54	23°46	0° 8	11°37	28°50	9° 7	20♍15	18°48	27°43	5° 5	M 3
T 4	3 14 44	17°28'05	10♍52	23°44	3°35	5°52	23°R46	0° 4	11°35	28°50	9° 9	20°16	18°44	27°50	5° 7	T 4
W 5	3 18 40	18°28'52	25° 7	25°17	4°50	5°50	23°46	29♉59	11°34	28°D50	9°10	20°R16	18°41	27°57	5° 8	W 5
T 6	3 22 37	19°29'39	9♎46	26°50	6° 5	5°47	23°46	29°54	11°33	28°50	9°11	20°15	18°38	28° 4	5°10	T 6
F 7	3 26 33	20°30'29	24°44	28°23	7°21	5°44	23°45	29°49	11°32	28°50	9°13	20°10	18°35	28°10	5°12	F 7
S 8	3 30 30	21°31'20	9♏53	29°56	8°36	5°39	23°45	29°44	11°30	28°50	9°14	20° 4	18°32	28°17	5°14	S 8
S 9	3 34 26	22°32'12	25° 5	1♐29	9°52	5°33	23°44	29°40	11°29	28°51	9°16	19°55	18°29	28°24	5°16	S 9
M10	3 38 23	23°33'05	10♐ 9	3° 2	11° 7	5°27	23°43	29°35	11°27	28°51	9°17	19°45	18°25	28°30	5°18	M10
T 11	3 42 20	24°34'00	24°54	4°34	12°23	5°20	23°42	29°30	11°26	28°51	9°19	19°34	18°22	28°37	5°20	T 11
W12	3 46 16	25°34'56	9♑14	6° 7	13°38	5°12	23°40	29°25	11°24	28°51	9°20	19°25	18°19	28°44	5°22	W12
T 13	3 50 13	26°35'52	23° 4	7°39	14°54	5° 3	23°39	29°20	11°23	28°51	9°22	19°18	18°16	28°50	5°24	T 13
F 14	3 54 9	27°36'49	6♒24	9°12	16° 9	4°53	23°37	29°15	11°21	28°52	9°23	19°14	18°13	28°57	5°26	F 14
S 15	3 58 6	28°37'47	19°17	10°44	17°25	4°43	23°35	29°10	11°19	28°52	9°25	19°12	18° 9	29° 4	5°29	S 15
S 16	4 2 2	29°38'46	1♓47	12°16	18°40	4°31	23°33	29° 5	11°18	28°53	9°27	19°D12	18° 6	29°10	5°31	S 16
M17	4 5 59	0♐39'45	13°58	13°48	19°56	4°19	23°30	29° 0	11°16	28°53	9°28	19°R12	18° 3	29°17	5°33	M17
T 18	4 9 55	1°40'45	25°56	15°19	21°11	4° 6	23°28	28°55	11°14	28°53	9°30	19°12	18° 0	29°24	5°36	T 18
W19	4 13 52	2°41'46	7♈46	16°51	22°27	3°52	23°25	28°50	11°12	28°54	9°32	19°10	17°57	29°30	5°38	W19
T 20	4 17 49	3°42'47	19°34	18°22	23°42	3°37	23°22	28°45	11°10	28°54	9°33	19° 6	17°54	29°37	5°41	T 20
F 21	4 21 45	4°43'49	1♉23	19°52	24°58	3°22	23°19	28°40	11° 9	28°55	9°35	18°59	17°50	29°44	5°44	F 21
S 22	4 25 42	5°44'52	13°16	21°22	26°13	3° 6	23°16	28°35	11° 7	28°56	9°37	18°49	17°47	29°50	5°46	S 22
S 23	4 29 38	6°45'56	25°15	22°52	27°29	2°49	23°12	28°31	11° 5	28°56	9°38	18°37	17°44	29°57	5°49	S 23
M24	4 33 35	7°47'00	7♊23	24°21	28°44	2°31	23° 8	28°26	11° 3	28°57	9°40	18°23	17°41	0♉ 4	5°52	M24
T 25	4 37 31	8°48'05	19°40	25°49	29°59	2°13	23° 4	28°21	11° 1	28°57	9°42	18° 9	17°38	0°10	5°55	T 25
W26	4 41 28	9°49'10	2♋ 6	27°16	1♐15	1°54	23° 0	28°16	10°58	28°58	9°44	17°55	17°35	0°17	5°57	W26
T 27	4 45 24	10°50'16	14°42	28°41	2°31	1°34	22°56	28°11	10°56	28°59	9°46	17°43	17°31	0°24	6° 0	T 27
F 28	4 49 21	11°51'23	27°29	0♑ 6	3°46	1°14	22°52	28° 7	10°54	29° 0	9°47	17°34	17°28	0°30	6° 3	F 28
S 29	4 53 18	12°52'31	10♌27	1°29	5° 2	0°54	22°47	28° 2	10°52	29° 1	9°49	17°28	17°25	0°37	6° 6	S 29
S 30	4 57 14	13♐53'40	23♌38	2♑49	6♐17	0♋32	22♋42	27♉57	10♋50	29♒ 1	9♑51	17♍25	17♍22	0♉44	6♒ 9	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s15	16n20	3s55	18s23	0s51	10s16	1n16	25n 2	1n36	21n47	0n20	18n19	2s 3	23n27	0n24	12s48	0s56	24s13	0s58	3n53	4n25	7n38	13s 5	6n12
S 2	16 33	13 54	3 4	18 55	0 57	10 44	1 15	25 5	1 39	21 48	0 20	18 18	2 3	23 27	0 24	12 48	0 55	24 13	0 58	3 53	4 26	7 40	13 5	6 12
M 3	16 51	10 40	2 1	19 25	1 3	11 11	1 14	25 7	1 42	21 48	0 20	18 17	2 3	23 27	0 24	12 48	0 55	24 13	0 58	3 53	4 27	7 42	13 5	6 11
T 4	17 8	6 45	0 50	19 55	1 9	11 39	1 12	25 10	1 44	21 48	0 21	18 16	2 3	23 27	0 24	12 48	0 55	24 13	0 59	3 53	4 29	7 43	13 5	6 11
W 5	17 25	2 21	0n26	20 23	1 15	12 6	1 10	25 13	1 47	21 48	0 21	18 15	2 3	23 27	0 24	12 48	0 55	24 13	0 59	3 52	4 30	7 45	13 5	6 10
T 6	17 42	2s19	1 42	20 51	1 20	12 32	1 9	25 16	1 50	21 48	0 21	18 14	2 3	23 27	0 24	12 48	0 55	24 13	0 59	3 53	4 31	7 47	13 5	6 10
F 7	17 58	6 56	2 53	21 18	1 26	12 59	1 7	25 19	1 53	21 48	0 21	18 13	2 3	23 27	0 24	12 48	0 55	24 13	0 59	3 55	4 32	7 49	13 5	6 10
S 8	18 14	11 10	3 53	21 43	1 31	13 25	1 5	25 22	1 56	21 49	0 21	18 12	2 3	23 28	0 24	12 48	0 55	24 13	0 59	3 57	4 34	7 50	13 5	6 9
S 9	18 30	14 40	4 36	22 8	1 36	13 51	1 3	25 25	1 58	21 49	0 21	18 11	2 3	23 28	0 24	12 48	0 55	24 13	0 59	4 1	4 35	7 52	13 5	6 9
M10	18 45	17 9	4 59	22 31	1 41	14 16	1 2	25 28	2 1	21 49	0 22	18 10	2 3	23 28	0 24	12 48	0 55	24 13	0 59	4 5	4 36	7 54	13 5	6 8
T 11	19 1	18 26	5 2	22 53	1 45	14 41	1 0	25 31	2 4	21 50	0 22	18 9	2 3	23 28	0 24	12 48	0 55	24 13	0 59	4 9	4 37	7 56	13 5	6 8
W12	19 15	18 29	4 46	23 14	1 49	15 6	0 58	25 34	2 7	21 50	0 22	18 8	2 2	23 28	0 24	12 48	0 55	24 13	0 59	4 12	4 39	7 57	13 5	6 8
T 13	19 30	17 25	4 13	23 34	1 54	15 30	0 56	25 38	2 10	21 51	0 22	18 7	2 2	23 28	0 24	12 48	0 55	24 13	0 59	4 15	4 40	7 59	13 5	6 7
F 14	19 44	15 25	3 27	23 53	1 57	15 54	0 54	25 41	2 13	21 51	0 22	18 6	2 2	23 29	0 24	12 47	0 55	24 13	0 59	4 17	4 41	8 1	13 4	6 7
S 15	19 57	12 42	2 32	24 10	2 1	16 17	0 52	25 44	2 16	21 52	0 23	18 5	2 2	23 29	0 24	12 47	0 55	24 13	0 59	4 18	4 42	8 2	13 4	6 7
S 16	20 11	9 28	1 31	24 26	2 4	16 40	0 50	25 47	2 18	21 52	0 23	18 4	2 2	23 29	0 24	12 47	0 55	24 13	0 59	4 18	4 44	8 4	13 4	6 6
M17	20 24	5 55	0 28	24 41	2 7	17 3	0 48	25 51	2 21	21 53	0 23	18 3	2 2	23 29	0 24	12 47	0 55	24 13	0 59	4 18	4 45	8 6	13 4	6 6
T 18	20 36	2 10	0s36	24 54	2 10	17 25	0 46	25 54	2 24	21 54	0 23	18 2	2 2	23 29	0 24	12 47	0 55	24 13	0 59	4 18	4 46	8 8	13 4	6 5
W19	20 48	1n37	1 37	25 6	2 12	17 47	0 43	25 57	2 27	21 54	0 23	18 1	2 2	23 29	0 24	12 47	0 55	24 12	1 0	4 18	4 47	8 9	13 3	6 5
T 20	21 0	5 19	2 34	25 17	2 14	18 8	0 41	26 0	2 30	21 55	0 24	18 0	2 2	23 30	0 24	12 46	0 55	24 12	1 0	4 20	4 49	8 11	13 3	6 5
F 21	21 12	8 50	3 24	25 26	2 16	18 28	0 39	26 4	2 33	21 56	0 24	17 59	2 2	23 30	0 24	12 46	0 55	24 12	1 0	4 23	4 50	8 13	13 3	6 4
S 22	21 22	12 0	4 5	25 33	2 17	18 49	0 37	26 7	2 35	21 56	0 24	17 58	2 2	23 30	0 24	12 46	0 55	24 12	1 0	4 27	4 51	8 15	13 2	6 4
S 23	21 33	14 43	4 36	25 39	2 17	19 8	0 35	26 10	2 38	21 57	0 24	17 57	2 2	23 30	0 24	12 46	0 55	24 12	1 0	4 32	4 52	8 16	13 2	6 4
M24	21 43	16 49	4 55	25 44	2 17	19 27	0 32	26 13	2 41	21 58	0 24	17 56	2 1	23 30	0 24	12 46	0 55	24 12	1 0	4 37	4 54	8 18	13 2	6 3
T 25	21 53	18 10	5 0	25 46	2 17	19 46	0 30	26 16	2 44	21 59	0 25	17 55	2 1	23 31	0 24	12 45	0 55	24 12	1 0	4 43	4 55	8 20	13 1	6 3
W26	22 2	18 42	4 51	25 48	2 16	20 4	0 28	26 19	2 46	22 0	0 25	17 54	2 1	23 31	0 24	12 45	0 55	24 12	1 0	4 48	4 56	8 21	13 1	6 3
T 27	22 11	18 18	4 28	25 47	2 14	20 21	0 25	26 22	2 49	22 1	0 25	17 54	2 1	23 31	0 24	12 45	0 55	24 12	1 0	4 53	4 57	8 23	13 1	6 2
F 28	22 20	17 0	3 51	25 46	2 12	20 38	0 23	26 25	2 51	22 2	0 25	17 53	2 1	23 31	0 24	12 44	0 55	24 12	1 0	4 56	4 59	8 25	13 0	6 2
S 29	22 28	14 47	3 2	25 42	2 9	20 55	0 21	26 27	2 54	22 3	0 25	17 52	2 1	23 31	0 25	12 44	0 55	24 12	1 0	4 59	5 0	8 27	13 0	6 2
S 30	22s35	11n47	2s 2	25s37	2s 5	21s10	0n18	26n30	2n56	22n 3	0n25	17n51	2s 1	23n32	0n25	12s44	0s55	24s12	1s 0	5n 0	5n 1	8n28	12s59	6n 1

Julian Day Number = 2097204.5, Delta T = 22m05s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'03, Lahiri = 10°20'03 Julian Calendar 1 Nov. 1029 == Greg. Calendar 7 Nov. 1029

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ASTRODIENST EPHEMERIS for the year 1029
geocentric

DECEMBER 1029 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 1 11	14♐54'49	7♍ 4	4♑ 8	7♐33	0°R11	22°R37	27°R53	10°R48	29♒ 2	9♑53	17°R24	17♍19	0♉51	6♒13	M 1
T 2	5 5 7	15°55'59	20°46	5°23	8°48	29♊49	22♋32	27♉48	10♋45	29° 3	9°55	17♍24	17°15	0°57	6°16	T 2
W 3	5 9 4	16°57'09	4♎47	6°36	10° 4	29°26	22°27	27°43	10°43	29° 4	9°57	17°23	17°12	1° 4	6°19	W 3
T 4	5 13 0	17°58'21	19° 6	7°45	11°20	29° 3	22°22	27°39	10°41	29° 5	9°58	17°21	17° 9	1°11	6°22	T 4
F 5	5 16 57	18°59'32	3♏42	8°49	12°35	28°40	22°16	27°34	10°38	29° 6	10° 0	17°16	17° 6	1°17	6°25	F 5
S 6	5 20 53	20° 0'45	18°29	9°48	13°51	28°17	22°10	27°30	10°36	29° 7	10° 2	17° 8	17° 3	1°24	6°29	S 6
S 7	5 24 50	21° 1'58	3♐22	10°42	15° 6	27°53	22° 4	27°26	10°34	29° 8	10° 4	16°58	17° 0	1°31	6°32	S 7
M 8	5 28 47	22° 3'11	18°11	11°29	16°22	27°29	21°58	27°21	10°31	29° 9	10° 6	16°45	16°56	1°37	6°36	M 8
T 9	5 32 43	23° 4'25	2♑48	12° 8	17°37	27° 5	21°52	27°17	10°29	29°11	10° 8	16°33	16°53	1°44	6°39	T 9
W10	5 36 40	24° 5'38	17° 5	12°39	18°53	26°41	21°46	27°13	10°26	29°12	10°10	16°22	16°50	1°51	6°42	W10
T 11	5 40 36	25° 6'52	0♒57	13° 1	20° 8	26°17	21°39	27° 9	10°24	29°13	10°12	16°13	16°47	1°57	6°46	T 11
F 12	5 44 33	26° 8'05	14°22	13°13	21°24	25°53	21°33	27° 5	10°21	29°14	10°14	16° 7	16°44	2° 4	6°50	F 12
S 13	5 48 29	27° 9'18	27°19	13°R13	22°39	25°29	21°26	27° 1	10°19	29°15	10°16	16° 3	16°41	2°11	6°53	S 13
S 14	5 52 26	28°10'31	9♓53	13° 2	23°55	25° 6	21°19	26°57	10°16	29°17	10°18	16° 2	16°37	2°17	6°57	S 14
M15	5 56 22	29°11'43	22° 7	12°40	25°10	24°42	21°12	26°53	10°14	29°18	10°20	16°D 2	16°34	2°24	7° 0	M15
T 16	6 0 19	0♑12'55	4♈ 8	12° 5	26°26	24°19	21° 5	26°50	10°11	29°19	10°22	16°R 2	16°31	2°31	7° 4	T 16
W17	6 4 16	1°14'07	15°59	11°19	27°41	23°56	20°58	26°46	10° 9	29°21	10°24	16° 1	16°28	2°37	7° 8	W17
T 18	6 8 12	2°15'18	27°48	10°23	28°57	23°33	20°51	26°43	10° 6	29°22	10°26	15°58	16°25	2°44	7°12	T 18
F 19	6 12 9	3°16'28	9♉38	9°18	0♑12	23°11	20°44	26°39	10° 3	29°24	10°28	15°52	16°21	2°51	7°15	F 19
S 20	6 16 5	4°17'39	21°34	8° 5	1°28	22°49	20°36	26°36	10° 1	29°25	10°30	15°44	16°18	2°58	7°19	S 20
S 21	6 20 2	5°18'48	3♊40	6°48	2°43	22°28	20°29	26°32	9°58	29°27	10°32	15°33	16°15	3° 4	7°23	S 21
M22	6 23 58	6°19'58	15°58	5°28	3°59	22° 7	20°21	26°29	9°56	29°28	10°34	15°20	16°12	3°11	7°27	M22
T 23	6 27 55	7°21'07	28°28	4° 9	5°14	21°46	20°14	26°26	9°53	29°30	10°36	15° 7	16° 9	3°18	7°31	T 23
W24	6 31 52	8°22'15	11♋11	2°52	6°30	21°26	20° 6	26°23	9°51	29°31	10°38	14°55	16° 6	3°24	7°35	W24
T 25	6 35 48	9°23'23	24° 7	1°40	7°45	21° 7	19°58	26°20	9°48	29°33	10°40	14°44	16° 2	3°31	7°39	T 25
F 26	6 39 45	10°24'30	7♌15	0°35	9° 0	20°48	19°50	26°17	9°45	29°34	10°42	14°36	15°59	3°38	7°43	F 26
S 27	6 43 41	11°25'37	20°33	29♐37	10°16	20°30	19°42	26°14	9°43	29°36	10°44	14°31	15°56	3°44	7°47	S 27
S 28	6 47 38	12°26'44	4♍ 2	28°49	11°31	20°13	19°35	26°12	9°40	29°38	10°46	14°28	15°53	3°51	7°51	S 28
M29	6 51 34	13°27'50	17°40	28°10	12°47	19°56	19°27	26° 9	9°37	29°39	10°48	14°D28	15°50	3°58	7°55	M29
T 30	6 55 31	14°28'56	1♎28	27°40	14° 2	19°40	19°19	26° 7	9°35	29°41	10°50	14°28	15°47	4° 4	7°59	T 30
W31	6 59 27	15♑30'01	15♎26	27♐19	15♑17	19♊25	19♋11	26♉ 4	9♋32	29♒43	10♑52	14°R29	15♍43	4♉11	8♒ 3	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s42	8n 7	0s54	25s30	2s 0	21s25	0n16	26n32	2n59	22n 5	0n26	17n50	2s 0	23n32	0n25	12s43	0s55	24s12	1s 0	5n 0	5n 2	8n30	12s59	6n 1
T 2	22 49	3 57	0n18	25 22	1 55	21 40	0 13	26 35	3 1	22 6	0 26	17 49	2 0	23 32	0 25	12 43	0 55	24 12	1 1	5 0	5 3	8 32	12 58	6 1
W 3	22 55	0s32	1 31	25 12	1 49	21 54	0 11	26 37	3 3	22 7	0 26	17 48	2 0	23 32	0 25	12 43	0 55	24 12	1 1	5 1	5 5	8 33	12 58	6 1
T 4	23 1	5 4	2 39	25 1	1 41	22 7	0 9	26 39	3 5	22 8	0 26	17 47	2 0	23 32	0 25	12 42	0 55	24 12	1 1	5 1	5 6	8 35	12 57	6 0
F 5	23 6	9 23	3 39	24 49	1 33	22 19	0 6	26 41	3 8	22 9	0 26	17 46	2 0	23 33	0 25	12 42	0 55	24 12	1 1	5 3	5 7	8 37	12 57	6 0
S 6	23 11	13 11	4 24	24 35	1 24	22 31	0 4	26 43	3 10	22 10	0 27	17 46	2 0	23 33	0 25	12 42	0 55	24 11	1 1	5 6	5 8	8 39	12 56	6 0
S 7	23 15	16 9	4 52	24 20	1 13	22 42	0 1	26 44	3 12	22 11	0 27	17 45	1 59	23 33	0 25	12 41	0 55	24 11	1 1	5 11	5 10	8 40	12 56	5 59
M 8	23 19	18 3	5 0	24 5	1 1	22 53	0s 1	26 46	3 13	22 12	0 27	17 44	1 59	23 33	0 25	12 41	0 55	24 11	1 1	5 15	5 11	8 42	12 55	5 59
T 9	23 23	18 44	4 48	23 48	0 48	23 2	0 3	26 47	3 15	22 13	0 27	17 43	1 59	23 33	0 25	12 40	0 55	24 11	1 1	5 20	5 12	8 44	12 55	5 59
W10	23 26	18 11	4 19	23 31	0 34	23 11	0 6	26 48	3 17	22 15	0 27	17 43	1 59	23 34	0 25	12 40	0 55	24 11	1 1	5 24	5 13	8 45	12 54	5 59
T 11	23 28	16 34	3 34	23 14	0 19	23 20	0 8	26 49	3 19	22 16	0 28	17 42	1 59	23 34	0 25	12 40	0 55	24 11	1 1	5 28	5 15	8 47	12 54	5 58
F 12	23 30	14 4	2 39	22 56	0 2	23 27	0 11	26 50	3 20	22 17	0 28	17 41	1 59	23 34	0 25	12 39	0 55	24 11	1 1	5 30	5 16	8 49	12 53	5 58
S 13	23 32	10 56	1 37	22 39	0n15	23 34	0 13	26 51	3 22	22 18	0 28	17 40	1 58	23 34	0 25	12 39	0 55	24 11	1 1	5 32	5 17	8 50	12 52	5 58
S 14	23 33	7 24	0 33	22 22	0 34	23 41	0 15	26 51	3 23	22 19	0 28	17 40	1 58	23 34	0 25	12 38	0 55	24 11	1 1	5 32	5 18	8 52	12 52	5 58
M15	23 34	3 38	0s32	22 5	0 53	23 46	0 18	26 51	3 24	22 21	0 28	17 39	1 58	23 35	0 25	12 38	0 55	24 11	1 2	5 32	5 20	8 54	12 51	5 57
T 16	23 34	0n12	1 35	21 49	1 12	23 51	0 20	26 52	3 25	22 22	0 28	17 38	1 58	23 35	0 25	12 37	0 55	24 11	1 2	5 32	5 21	8 56	12 50	5 57
W17	23 33	3 59	2 32	21 33	1 32	23 55	0 22	26 52	3 26	22 23	0 29	17 38	1 57	23 35	0 25	12 37	0 55	24 11	1 2	5 33	5 22	8 57	12 50	5 57
T 18	23 33	7 36	3 22	21 19	1 51	23 58	0 25	26 51	3 27	22 25	0 29	17 37	1 57	23 35	0 25	12 36	0 55	24 11	1 2	5 34	5 23	8 59	12 49	5 57
F 19	23 31	10 55	4 4	21 5	2 9	24 1	0 27	26 51	3 28	22 26	0 29	17 37	1 57	23 36	0 25	12 36	0 55	24 11	1 2	5 36	5 25	9 1	12 48	5 56
S 20	23 30	13 49	4 36	20 53	2 26	24 2	0 29	26 51	3 29	22 27	0 29	17 36	1 57	23 36	0 25	12 35	0 55	24 10	1 2	5 39	5 26	9 2	12 47	5 56
S 21	23 27	16 9	4 55	20 42	2 42	24 3	0 31	26 50	3 30	22 28	0 29	17 35	1 57	23 36	0 25	12 35	0 55	24 10	1 2	5 44	5 27	9 4	12 47	5 56
M22	23 25	17 49	5 2	20 32	2 55	24 4	0 34	26 50	3 30	22 30	0 29	17 35	1 56	23 36	0 25	12 34	0 54	24 10	1 2	5 48	5 28	9 6	12 46	5 56
T 23	23 21	18 39	4 54	20 24	3 6	24 3	0 36	26 49	3 31	22 31	0 30	17 34	1 56	23 36	0 25	12 33	0 54	24 10	1 2	5 53	5 30	9 7	12 45	5 56
W24	23 18	18 35	4 31	20 18	3 14	24 2	0 38	26 48	3 31	22 32	0 30	17 34	1 56	23 37	0 25	12 33	0 54	24 10	1 2	5 58	5 31	9 9	12 44	5 55
T 25	23 14	17 33	3 54	20 13	3 20	24 0	0 40	26 47	3 32	22 34	0 30	17 33	1 56	23 37	0 25	12 32	0 54	24 10	1 2	6 2	5 32	9 11	12 43	5 55
F 26	23 9	15 35	3 5	20 10	3 24	23 57	0 42	26 46	3 32	22 35	0 30	17 33	1 55	23 37	0 25	12 32	0 54	24 10	1 2	6 6	5 33	9 13	12 43	5 55
S 27	23 4	12 45	2 4	20 8	3 25	23 54	0 44	26 45	3 32	22 36	0 30	17 33	1 55	23 37	0 25	12 31	0 54	24 10	1 3	6 8	5 35	9 14	12 42	5 55
S 28	22 59	9 13	0 55	20 9	3 24	23 50	0 46	26 44	3 32	22 38	0 30	17 32	1 55	23 37	0 25	12 31	0 54	24 10	1 3	6 9	5 36	9 16	12 41	5 55
M29	22 53	5 10	0n17	20 11	3 22	23 45	0 48	26 42	3 32	22 39	0 30	17 32	1 55	23 38	0 25	12 30	0 54	24 10	1 3	6 9	5 37	9 18	12 40	5 55
T 30	22 46	0 47	1 30	20 15	3 17	23 39	0 50	26 41	3 32	22 40	0 31	17 32	1 54	23 38	0 25	12 29	0 54	24 10	1 3	6 9	5 38	9 19	12 39	5 54
W31	22s39	3s41	2n38	20s21	3n12	23s33	0s52	26n40	3n32	22n41	0n31	17n31	1s54	23n38	0n25	12s29	0s54	24s10	1s 3	6n 8	5n39	9n21	12s38	5n54

Julian Day Number = 2097234.5, Delta T = 22m05s
Ecliptic obliquity = 23°33'44, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'07, Lahiri = 10°20'08 Julian Calendar 1 Dec. 1029 == Greg. Calendar 7 Dec. 1029

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

JANUARY 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 3 24	16♉31'07	29♎33	27°R 8	16♉33	19°R10	19°R 3	26°R 2	9°R30	29♒45	10♉54	14°R28	15♍40	4♉18	8♒ 7	T 1
F 2	7 7 21	17°32'11	13♏49	27°D 5	17°48	18♊57	18♋55	26♉ 0	9♋27	29°46	10°56	14♍25	15°37	4°24	8°11	F 2
S 3	7 11 17	18°33'15	28°12	27♐11	19° 4	18°44	18°47	25°58	9°25	29°48	10°58	14°20	15°34	4°31	8°16	S 3
S 4	7 15 14	19°34'19	12♐37	27°23	20°19	18°31	18°38	25°56	9°22	29°50	10°59	14°12	15°31	4°38	8°20	S 4
M 5	7 19 10	20°35'22	26°58	27°43	21°34	18°20	18°30	25°54	9°19	29°52	11° 1	14° 4	15°27	4°45	8°24	M 5
T 6	7 23 7	21°36'24	11♑11	28° 9	22°50	18° 9	18°22	25°53	9°17	29°54	11° 3	13°54	15°24	4°51	8°28	T 6
W 7	7 27 3	22°37'26	25° 9	28°41	24° 5	18° 0	18°14	25°51	9°14	29°56	11° 5	13°46	15°21	4°58	8°32	W 7
T 8	7 31 0	23°38'26	8♒49	29°18	25°20	17°50	18° 6	25°49	9°12	29°58	11° 7	13°39	15°18	5° 5	8°37	T 8
F 9	7 34 56	24°39'25	22° 6	29°59	26°36	17°42	17°58	25°48	9° 9	29°59	11° 9	13°35	15°15	5°11	8°41	F 9
S 10	7 38 53	25°40'23	5♓ 2	0♑45	27°51	17°35	17°51	25°47	9° 7	0♓ 1	11°11	13°32	15°12	5°18	8°45	S 10
S 11	7 42 50	26°41'20	17°36	1°35	29° 6	17°28	17°43	25°46	9° 4	0° 3	11°13	13°D32	15° 8	5°25	8°50	S 11
M12	7 46 46	27°42'15	29°53	2°28	0♒22	17°23	17°35	25°44	9° 2	0° 5	11°15	13°33	15° 5	5°31	8°54	M12
T 13	7 50 43	28°43'09	11♈56	3°25	1°37	17°18	17°27	25°44	9° 0	0° 7	11°17	13°34	15° 2	5°38	8°58	T 13
W14	7 54 39	29°44'02	23°50	4°25	2°52	17°14	17°19	25°43	8°57	0° 9	11°19	13°36	14°59	5°45	9° 2	W14
T 15	7 58 36	0♒44'53	5♉40	5°27	4° 7	17°10	17°12	25°42	8°55	0°11	11°21	13°R36	14°56	5°51	9° 7	T 15
F 16	8 2 32	1°45'43	17°32	6°32	5°23	17° 8	17° 4	25°41	8°52	0°13	11°23	13°34	14°53	5°58	9°11	F 16
S 17	8 6 29	2°46'31	29°30	7°39	6°38	17° 6	16°57	25°41	8°50	0°16	11°25	13°31	14°49	6° 5	9°15	S 17
S 18	8 10 25	3°47'17	11♊39	8°48	7°53	17° 5	16°49	25°40	8°48	0°18	11°27	13°26	14°46	6°12	9°20	S 18
M19	8 14 22	4°48'03	24° 2	9°59	9° 8	17°D 5	16°42	25°40	8°46	0°20	11°29	13°19	14°43	6°18	9°24	M19
T 20	8 18 19	5°48'46	6♋41	11°12	10°24	17° 5	16°35	25°40	8°43	0°22	11°30	13°12	14°40	6°25	9°28	T 20
W21	8 22 15	6°49'28	19°38	12°27	11°39	17° 7	16°27	25°D40	8°41	0°24	11°32	13° 6	14°37	6°32	9°33	W21
T 22	8 26 12	7°50'09	2♌53	13°43	12°54	17° 9	16°20	25°40	8°39	0°26	11°34	13° 0	14°33	6°38	9°37	T 22
F 23	8 30 8	8°50'48	16°24	15° 1	14° 9	17°11	16°13	25°40	8°37	0°28	11°36	12°56	14°30	6°45	9°42	F 23
S 24	8 34 5	9°51'25	0♍ 8	16°20	15°24	17°15	16° 7	25°41	8°35	0°30	11°38	12°54	14°27	6°52	9°46	S 24
S 25	8 38 1	10°52'02	14° 3	17°40	16°39	17°19	16° 0	25°41	8°33	0°33	11°39	12°D53	14°24	6°58	9°50	S 25
M26	8 41 58	11°52'36	28° 6	19° 2	17°54	17°24	15°53	25°42	8°30	0°35	11°41	12°54	14°21	7° 5	9°55	M26
T 27	8 45 54	12°53'10	12♎14	20°25	19° 9	17°29	15°47	25°42	8°28	0°37	11°43	12°55	14°18	7°12	9°59	T 27
W28	8 49 51	13°53'42	26°24	21°49	20°24	17°35	15°40	25°43	8°26	0°39	11°45	12°57	14°14	7°19	10° 3	W28
T 29	8 53 48	14°54'13	10♏35	23°14	21°39	17°42	15°34	25°44	8°25	0°41	11°47	12°R57	14°11	7°25	10° 8	T 29
F 30	8 57 44	15°54'43	24°44	24°41	22°54	17°49	15°28	25°45	8°23	0°43	11°48	12°57	14° 8	7°32	10°12	F 30
S 31	9 1 41	16♒55'11	8♐50	26♑ 8	24♒ 9	17♊57	15♋22	25♉46	8♋21	0♓46	11♑50	12♍56	14♍ 5	7♉39	10♒16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷			
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s32	7s59	3n37	20s27	3n 5	23s25	0s54	26n38	3n32	22n43	0n31	17n31	1s54	23n38	0n25	12s28	0s54	24s10	1s 3	6n 9	5n41	9n23	12s37	5n54
F 2	22 24	11 53	4 23	20 35	2 57	23 18	0 56	26 37	3 32	22 44	0 31	17 31	1 54	23 38	0 25	12 27	0 54	24 10	1 3	6 10	5 42	9 24	12 37	5 54
S 3	22 16	15 5	4 54	20 44	2 48	23 9	0 58	26 36	3 32	22 45	0 31	17 31	1 53	23 39	0 25	12 27	0 54	24 9	1 3	6 12	5 43	9 26	12 36	5 54
S 4	22 8	17 23	5 5	20 53	2 39	23 0	0 59	26 34	3 31	22 46	0 31	17 30	1 53	23 39	0 25	12 26	0 54	24 9	1 3	6 15	5 44	9 28	12 35	5 54
M 5	21 59	18 34	4 58	21 3	2 30	22 50	1 1	26 33	3 31	22 48	0 31	17 30	1 53	23 39	0 25	12 25	0 54	24 9	1 3	6 18	5 46	9 29	12 34	5 54
T 6	21 49	18 34	4 32	21 13	2 20	22 39	1 3	26 31	3 30	22 49	0 32	17 30	1 53	23 39	0 25	12 25	0 54	24 9	1 3	6 22	5 47	9 31	12 33	5 53
W 7	21 39	17 26	3 50	21 24	2 9	22 28	1 4	26 30	3 30	22 50	0 32	17 30	1 52	23 39	0 25	12 24	0 54	24 9	1 4	6 25	5 48	9 33	12 32	5 53
T 8	21 29	15 19	2 56	21 34	1 59	22 16	1 6	26 28	3 29	22 51	0 32	17 30	1 52	23 39	0 25	12 23	0 54	24 9	1 4	6 28	5 49	9 34	12 31	5 53
F 9	21 18	12 26	1 53	21 45	1 49	22 3	1 7	26 27	3 28	22 53	0 32	17 30	1 52	23 40	0 25	12 23	0 54	24 9	1 4	6 29	5 51	9 36	12 30	5 53
S 10	21 7	9 0	0 46	21 55	1 38	21 49	1 9	26 26	3 28	22 54	0 32	17 30	1 52	23 40	0 25	12 22	0 54	24 9	1 4	6 30	5 52	9 38	12 29	5 53
S 11	20 56	5 16	0s22	22 5	1 28	21 35	1 10	26 24	3 27	22 55	0 32	17 30	1 51	23 40	0 25	12 21	0 54	24 9	1 4	6 30	5 53	9 39	12 28	5 53
M12	20 44	1 23	1 27	22 15	1 18	21 21	1 12	26 23	3 26	22 56	0 32	17 30	1 51	23 40	0 25	12 21	0 54	24 9	1 4	6 30	5 54	9 41	12 27	5 53
T 13	20 31	2n29	2 28	22 24	1 7	21 5	1 13	26 22	3 26	22 57	0 32	17 30	1 51	23 40	0 25	12 20	0 54	24 9	1 4	6 29	5 56	9 43	12 26	5 53
W14	20 19	6 11	3 21	22 32	0 57	20 49	1 14	26 20	3 25	22 58	0 32	17 30	1 51	23 40	0 25	12 19	0 54	24 9	1 4	6 29	5 57	9 44	12 25	5 53
T 15	20 6	9 38	4 5	22 40	0 47	20 33	1 15	26 19	3 24	22 59	0 33	17 30	1 50	23 41	0 25	12 18	0 54	24 9	1 4	6 29	5 58	9 46	12 24	5 53
F 16	19 52	12 41	4 39	22 46	0 38	20 16	1 17	26 18	3 23	23 0	0 33	17 30	1 50	23 41	0 25	12 18	0 54	24 9	1 4	6 30	5 59	9 48	12 23	5 53
S 17	19 38	15 15	5 1	22 52	0 28	19 58	1 18	26 17	3 22	23 1	0 33	17 30	1 50	23 41	0 25	12 17	0 54	24 8	1 5	6 31	6 0	9 49	12 22	5 53
S 18	19 24	17 11	5 10	22 57	0 19	19 40	1 19	26 16	3 21	23 3	0 33	17 30	1 49	23 41	0 25	12 16	0 54	24 8	1 5	6 33	6 2	9 51	12 21	5 53
M19	19 10	18 21	5 5	23 1	0 10	19 21	1 20	26 15	3 20	23 4	0 33	17 30	1 49	23 41	0 25	12 15	0 54	24 8	1 5	6 35	6 3	9 53	12 19	5 52
T 20	18 55	18 39	4 45	23 5	0 1	19 1	1 21	26 14	3 19	23 5	0 33	17 31	1 49	23 41	0 25	12 15	0 54	24 8	1 5	6 38	6 4	9 54	12 18	5 52
W21	18 40	18 0	4 10	23 7	0s 8	18 41	1 22	26 13	3 18	23 5	0 33	17 31	1 49	23 42	0 25	12 14	0 54	24 8	1 5	6 40	6 5	9 56	12 17	5 52
T 22	18 24	16 21	3 21	23 7	0 16	18 21	1 22	26 13	3 17	23 6	0 33	17 31	1 48	23 42	0 25	12 13	0 54	24 8	1 5	6 43	6 7	9 58	12 16	5 52
F 23	18 8	13 47	2 20	23 7	0 25	18 0	1 23	26 12	3 16	23 7	0 33	17 32	1 48	23 42	0 25	12 12	0 54	24 8	1 5	6 44	6 8	9 59	12 15	5 52
S 24	17 52	10 24	1 9	23 6	0 33	17 38	1 24	26 11	3 15	23 8	0 33	17 32	1 48	23 42	0 25	12 12	0 54	24 8	1 5	6 45	6 9	10 1	12 14	5 52
S 25	17 36	6 24	0n 6	23 3	0 40	17 16	1 24	26 10	3 14	23 9	0 34	17 32	1 48	23 42	0 25	12 11	0 54	24 8	1 5	6 45	6 10	10 3	12 13	5 52
M26	17 19	2 1	1 22	22 59	0 48	16 53	1 25	26 10	3 13	23 10	0 34	17 33	1 47	23 42	0 25	12 10	0 54	24 8	1 5	6 45	6 12	10 4	12 12	5 52
T 27	17 2	2s30	2 34	22 54	0 55	16 30	1 25	26 9	3 12	23 11	0 34	17 33	1 47	23 42	0 25	12 9	0 54	24 8	1 6	6 45	6 13	10 6	12 11	5 52
W28	16 45	6 53	3 36	22 48	1 2	16 7	1 26	26 9	3 11	23 12	0 34	17 33	1 47	23 42	0 25	12 9	0 54	24 8	1 6	6 44	6 14	10 8	12 9	5 52
T 29	16 27	10 52	4 25	22 40	1 8	15 43	1 26	26 8	3 10	23 13	0 34	17 34	1 46	23 43	0 25	12 8	0 54	24 8	1 6	6 44	6 15	10 9	12 8	5 52
F 30	16 9	14 14	4 58	22 31	1 15	15 19	1 27	26 8	3 9	23 13	0 34	17 34	1 46	23 43	0 25	12 7	0 54	24 8	1 6	6 44	6 16	10 11	12 7	5 52
S 31	15s51	16s44	5n13	22s21	1s20	14s54	1s27	26n 8	3n 8	23n14	0n34	17n35	1s46	23n43	0n25	12s 6	0s54	24s 8	1s 6	6n44	6n18	10n13	12s 6	5n52

Julian Day Number = 2097265.5, Delta T = 22m05s
Ecliptic obliquity = 23°33'44, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'11, Lahiri = 10°20'12 Julian Calendar 1 Jan. 1030 == Greg. Calendar 7 Jan. 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

FEBRUARY 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 5 37	17♒55'38	22♐51	27♑37	25♒24	18♊ 6	15°R16	25♉47	8°R19	0♓48	11♑52	12°R53	14♍ 2	7♉45	10♒21	S 1
M 2	9 9 34	18°56'04	6♑45	29° 6	26°39	18°15	15♋11	25°48	8♋17	0°50	11°53	12♍50	13°59	7°52	10°25	M 2
T 3	9 13 30	19°56'28	20°28	0♒37	27°54	18°25	15° 5	25°50	8°15	0°52	11°55	12°46	13°55	7°59	10°29	T 3
W 4	9 17 27	20°56'50	3♒58	2° 9	29° 9	18°36	15° 0	25°51	8°14	0°55	11°57	12°43	13°52	8° 5	10°34	W 4
T 5	9 21 23	21°57'11	17°14	3°42	0♓24	18°47	14°55	25°53	8°12	0°57	11°58	12°40	13°49	8°12	10°38	T 5
F 6	9 25 20	22°57'30	0♓14	5°15	1°39	18°58	14°50	25°55	8°10	0°59	12° 0	12°39	13°46	8°19	10°42	F 6
S 7	9 29 17	23°57'47	12°58	6°50	2°54	19°10	14°45	25°57	8° 9	1° 1	12° 2	12°D38	13°43	8°25	10°46	S 7
S 8	9 33 13	24°58'02	25°26	8°26	4° 9	19°23	14°40	25°59	8° 7	1° 4	12° 3	12°39	13°39	8°32	10°51	S 8
M 9	9 37 10	25°58'15	7♈40	10° 3	5°24	19°36	14°36	26° 1	8° 6	1° 6	12° 5	12°40	13°36	8°39	10°55	M 9
T 10	9 41 6	26°58'26	19°43	11°41	6°39	19°50	14°31	26° 3	8° 4	1° 8	12° 6	12°41	13°33	8°46	10°59	T 10
W11	9 45 3	27°58'36	1♉37	13°19	7°54	20° 4	14°27	26° 5	8° 3	1°10	12° 8	12°43	13°30	8°52	11° 3	W11
T 12	9 48 59	28°58'43	13°29	14°59	9° 8	20°18	14°23	26° 8	8° 1	1°13	12° 9	12°44	13°27	8°59	11° 8	T 12
F 13	9 52 56	29°58'47	25°21	16°40	10°23	20°34	14°19	26°10	8° 0	1°15	12°11	12°R44	13°24	9° 6	11°12	F 13
S 14	9 56 52	0♓58'50	7♊18	18°22	11°38	20°49	14°16	26°13	7°59	1°17	12°12	12°44	13°20	9°12	11°16	S 14
S 15	10 0 49	1°58'51	19°27	20° 6	12°53	21° 5	14°12	26°15	7°57	1°20	12°14	12°44	13°17	9°19	11°20	S 15
M16	10 4 45	2°58'49	1♋50	21°50	14° 7	21°22	14° 9	26°18	7°56	1°22	12°15	12°43	13°14	9°26	11°24	M16
T 17	10 8 42	3°58'45	14°31	23°35	15°22	21°39	14° 6	26°21	7°55	1°24	12°16	12°42	13°11	9°32	11°28	T 17
W18	10 12 39	4°58'39	27°34	25°22	16°37	21°56	14° 3	26°24	7°54	1°26	12°18	12°40	13° 8	9°39	11°32	W18
T 19	10 16 35	5°58'31	10♌59	27°10	17°51	22°14	14° 0	26°27	7°53	1°29	12°19	12°40	13° 4	9°46	11°36	T 19
F 20	10 20 32	6°58'20	24°46	28°59	19° 6	22°32	13°58	26°31	7°52	1°31	12°20	12°39	13° 1	9°53	11°40	F 20
S 21	10 24 28	7°58'08	8♍52	0♓49	20°20	22°50	13°56	26°34	7°51	1°33	12°22	12°D39	12°58	9°59	11°44	S 21
S 22	10 28 25	8°57'53	23°14	2°40	21°35	23° 9	13°54	26°37	7°50	1°35	12°23	12°39	12°55	10° 6	11°48	S 22
M23	10 32 21	9°57'37	7♎45	4°32	22°49	23°29	13°52	26°41	7°49	1°38	12°24	12°39	12°52	10°13	11°52	M23
T 24	10 36 18	10°57'19	22°21	6°26	24° 4	23°48	13°50	26°45	7°49	1°40	12°25	12°39	12°49	10°19	11°56	T 24
W25	10 40 14	11°56'58	6♏56	8°20	25°18	24° 8	13°48	26°48	7°48	1°42	12°27	12°39	12°45	10°26	12° 0	W25
T 26	10 44 11	12°56'36	21°23	10°16	26°33	24°29	13°47	26°52	7°47	1°45	12°28	12°R39	12°42	10°33	12° 4	T 26
F 27	10 48 8	13°56'13	5♐40	12°13	27°47	24°49	13°46	26°56	7°46	1°47	12°29	12°39	12°39	10°39	12° 8	F 27
S 28	10 52 4	14♓55'47	19♐44	14♓11	29♓ 2	25♊10	13♋45	27♉ 0	7♋46	1♓49	12♑30	12°D39	12♍36	10♉46	12♒12	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s32	18s13	5n 9	22s 9	1s26	14s29	1s27	26n 7	3n 6	23n15	0n34	17n36	1s46	23n43	0n25	12s 5	0s54	24s 8	1s 6	6n45	6n19	10n14	12s 5	5n52
M 2	15 13	18 37	4 47	21 56	1 31	14 3	1 27	26 7	3 5	23 15	0 34	17 36	1 45	23 43	0 25	12 5	0 54	24 8	1 6	6 47	6 20	10 16	12 4	5 52
T 3	14 54	17 54	4 9	21 41	1 36	13 37	1 27	26 7	3 4	23 16	0 34	17 37	1 45	23 43	0 25	12 4	0 54	24 8	1 6	6 48	6 21	10 18	12 2	5 53
W 4	14 35	16 10	3 17	21 25	1 41	13 11	1 27	26 7	3 3	23 17	0 34	17 37	1 45	23 43	0 25	12 3	0 54	24 8	1 6	6 49	6 23	10 19	12 1	5 53
T 5	14 16	13 36	2 16	21 8	1 45	12 45	1 27	26 6	3 2	23 17	0 34	17 38	1 45	23 43	0 25	12 2	0 54	24 7	1 7	6 50	6 24	10 21	12 0	5 53
F 6	13 56	10 23	1 8	20 49	1 49	12 18	1 27	26 6	3 1	23 18	0 34	17 39	1 44	23 43	0 25	12 1	0 54	24 7	1 7	6 51	6 25	10 23	11 59	5 53
S 7	13 36	6 45	0s 2	20 29	1 53	11 50	1 27	26 6	3 0	23 19	0 34	17 39	1 44	23 44	0 25	12 1	0 54	24 7	1 7	6 51	6 26	10 24	11 58	5 53
S 8	13 16	2 54	1 10	20 7	1 56	11 23	1 26	26 6	2 58	23 19	0 34	17 40	1 44	23 44	0 25	12 0	0 54	24 7	1 7	6 51	6 28	10 26	11 56	5 53
M 9	12 56	1n 0	2 14	19 44	1 59	10 55	1 26	26 6	2 57	23 20	0 34	17 41	1 44	23 44	0 25	11 59	0 54	24 7	1 7	6 50	6 29	10 27	11 55	5 53
T 10	12 35	4 48	3 11	19 19	2 2	10 27	1 26	26 6	2 56	23 20	0 34	17 42	1 43	23 44	0 25	11 58	0 54	24 7	1 7	6 50	6 30	10 29	11 54	5 53
W11	12 14	8 22	3 59	18 53	2 4	9 58	1 25	26 6	2 55	23 21	0 35	17 42	1 43	23 44	0 25	11 57	0 54	24 7	1 7	6 49	6 31	10 31	11 53	5 53
T 12	11 53	11 34	4 37	18 25	2 6	9 29	1 25	26 6	2 54	23 21	0 35	17 43	1 43	23 44	0 25	11 57	0 54	24 7	1 7	6 49	6 32	10 32	11 52	5 53
F 13	11 32	14 18	5 2	17 56	2 7	9 1	1 24	26 6	2 53	23 22	0 35	17 44	1 42	23 44	0 25	11 56	0 54	24 7	1 7	6 49	6 34	10 34	11 50	5 53
S 14	11 11	16 27	5 15	17 25	2 8	8 31	1 23	26 6	2 52	23 22	0 35	17 45	1 42	23 44	0 25	11 55	0 54	24 7	1 8	6 49	6 35	10 36	11 49	5 53
S 15	10 49	17 55	5 15	16 53	2 8	8 2	1 23	26 6	2 51	23 23	0 35	17 46	1 42	23 44	0 25	11 54	0 54	24 7	1 8	6 49	6 36	10 37	11 48	5 53
M16	10 28	18 34	4 59	16 20	2 8	7 32	1 22	26 6	2 50	23 23	0 35	17 47	1 42	23 44	0 25	11 53	0 54	24 7	1 8	6 49	6 37	10 39	11 47	5 54
T 17	10 6	18 18	4 29	15 44	2 8	7 2	1 21	26 6	2 48	23 23	0 35	17 48	1 41	23 44	0 25	11 53	0 54	24 7	1 8	6 50	6 39	10 41	11 46	5 54
W18	9 44	17 5	3 45	15 8	2 7	6 33	1 20	26 6	2 47	23 24	0 35	17 49	1 41	23 44	0 25	11 52	0 54	24 7	1 8	6 50	6 40	10 42	11 44	5 54
T 19	9 22	14 53	2 47	14 29	2 6	6 2	1 19	26 6	2 46	23 24	0 35	17 50	1 41	23 44	0 25	11 51	0 54	24 7	1 8	6 51	6 41	10 44	11 43	5 54
F 20	9 0	11 48	1 38	13 49	2 4	5 32	1 18	26 6	2 45	23 24	0 35	17 51	1 41	23 44	0 25	11 50	0 54	24 7	1 8	6 51	6 42	10 45	11 42	5 54
S 21	8 37	7 58	0 21	13 8	2 2	5 2	1 17	26 6	2 44	23 24	0 35	17 52	1 40	23 44	0 25	11 49	0 54	24 7	1 8	6 51	6 43	10 47	11 41	5 54
S 22	8 15	3 36	0n58	12 25	1 59	4 31	1 16	26 6	2 43	23 25	0 35	17 53	1 40	23 44	0 25	11 49	0 54	24 7	1 8	6 51	6 45	10 49	11 39	5 54
M23	7 52	1s 2	2 15	11 41	1 56	4 0	1 15	26 6	2 42	23 25	0 35	17 54	1 40	23 45	0 25	11 48	0 54	24 7	1 9	6 51	6 46	10 50	11 38	5 55
T 24	7 30	5 36	3 23	10 56	1 52	3 29	1 13	26 6	2 41	23 25	0 35	17 55	1 40	23 45	0 25	11 47	0 54	24 7	1 9	6 51	6 47	10 52	11 37	5 55
W25	7 7	9 50	4 18	10 9	1 47	2 59	1 12	26 6	2 40	23 25	0 35	17 56	1 39	23 45	0 25	11 46	0 54	24 7	1 9	6 51	6 48	10 54	11 36	5 55
T 26	6 44	13 26	4 56	9 20	1 42	2 28	1 11	26 5	2 39	23 25	0 35	17 57	1 39	23 45	0 25	11 45	0 54	24 7	1 9	6 51	6 50	10 55	11 35	5 55
F 27	6 21	16 11	5 15	8 30	1 37	1 57	1 9	26 5	2 38	23 26	0 35	17 58	1 39	23 45	0 25	11 45	0 54	24 7	1 9	6 51	6 51	10 57	11 33	5 55
S 28	5s58	17s56	5n15	7s39	1s31	1s25	1s 8	26n 5	2n37	23n26	0n35	17n59	1s39	23n45	0n25	11s44	0s54	24s 7	1s 9	6n51	6n52	10n58	11s32	5n55

Julian Day Number = 2097296.5, Delta T = 22m04s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'16, Lahiri = 10°20'16 Julian Calendar 1 Feb. 1030 == Greg. Calendar 7 Feb. 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

MARCH 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 56 1	15♓55'20	3♑33	16♓10	0♈16	25♊32	13°R44	27♉ 4	7°R45	1♓51	12♑31	12♍40	12♍33	10♉53	12♒15	S 1
M 2	10 59 57	16°54'51	17° 7	18° 9	1°30	25°53	13♋43	27° 8	7♋45	1°53	12°32	12°40	12°30	11° 0	12°19	M 2
T 3	11 3 54	17°54'21	0♒26	20°10	2°45	26°15	13°43	27°12	7°44	1°56	12°33	12°40	12°26	11° 6	12°23	T 3
W 4	11 7 50	18°53'48	13°31	22°11	3°59	26°38	13°43	27°17	7°44	1°58	12°34	12°41	12°23	11°13	12°27	W 4
T 5	11 11 47	19°53'14	26°23	24°13	5°13	27° 0	13°D43	27°21	7°44	2° 0	12°35	12°41	12°20	11°20	12°30	T 5
F 6	11 15 43	20°52'37	9♓ 1	26°15	6°27	27°23	13°43	27°26	7°44	2° 2	12°36	12°R42	12°17	11°26	12°34	F 6
S 7	11 19 40	21°51'58	21°28	28°17	7°42	27°46	13°43	27°30	7°43	2° 4	12°37	12°42	12°14	11°33	12°38	S 7
S 8	11 23 37	22°51'18	3♈44	0♈19	8°56	28°10	13°44	27°35	7°43	2° 7	12°38	12°41	12°10	11°40	12°41	S 8
M 9	11 27 33	23°50'35	15°51	2°20	10°10	28°34	13°45	27°40	7°43	2° 9	12°39	12°40	12° 7	11°46	12°45	M 9
T 10	11 31 30	24°49'50	27°50	4°21	11°24	28°58	13°46	27°45	7°D43	2°11	12°40	12°38	12° 4	11°53	12°48	T 10
W11	11 35 26	25°49'02	9♉43	6°21	12°38	29°22	13°47	27°50	7°43	2°13	12°41	12°36	12° 1	12° 0	12°52	W11
T 12	11 39 23	26°48'13	21°34	8°19	13°52	29°46	13°48	27°55	7°43	2°15	12°42	12°34	11°58	12° 7	12°55	T 12
F 13	11 43 19	27°47'21	3♊26	10°15	15° 6	0♋11	13°49	28° 0	7°43	2°17	12°42	12°32	11°55	12°13	12°58	F 13
S 14	11 47 16	28°46'27	15°23	12°10	16°20	0°36	13°51	28° 5	7°43	2°19	12°43	12°31	11°51	12°20	13° 2	S 14
S 15	11 51 12	29°45'31	27°29	14° 1	17°34	1° 1	13°53	28°10	7°44	2°21	12°44	12°D31	11°48	12°27	13° 5	S 15
M16	11 55 9	0♈44'32	9♋49	15°50	18°48	1°27	13°55	28°16	7°44	2°23	12°44	12°31	11°45	12°33	13° 8	M16
T 17	11 59 5	1°43'31	22°26	17°36	20° 2	1°53	13°57	28°21	7°44	2°25	12°45	12°32	11°42	12°40	13°11	T 17
W18	12 3 2	2°42'27	5♌26	19°18	21°16	2°19	14° 0	28°26	7°45	2°28	12°46	12°33	11°39	12°47	13°15	W18
T 19	12 6 59	3°41'21	18°51	20°55	22°30	2°45	14° 2	28°32	7°45	2°30	12°46	12°35	11°35	12°54	13°18	T 19
F 20	12 10 55	4°40'13	2♍42	22°29	23°43	3°11	14° 5	28°38	7°45	2°32	12°47	12°36	11°32	13° 0	13°21	F 20
S 21	12 14 52	5°39'03	16°59	23°58	24°57	3°38	14° 8	28°43	7°46	2°34	12°48	12°R36	11°29	13° 7	13°24	S 21
S 22	12 18 48	6°37'51	1♎37	25°22	26°11	4° 4	14°11	28°49	7°47	2°36	12°48	12°35	11°26	13°14	13°27	S 22
M23	12 22 45	7°36'36	16°31	26°41	27°25	4°31	14°15	28°55	7°47	2°37	12°49	12°33	11°23	13°20	13°30	M23
T 24	12 26 41	8°35'19	1♏33	27°55	28°38	4°59	14°18	29° 1	7°48	2°39	12°49	12°30	11°20	13°27	13°33	T 24
W25	12 30 38	9°34'01	16°34	29° 3	29°52	5°26	14°22	29° 7	7°49	2°41	12°49	12°26	11°16	13°34	13°36	W25
T 26	12 34 34	10°32'41	1♐24	0♉ 6	1♉ 5	5°53	14°26	29°13	7°50	2°43	12°50	12°22	11°13	13°40	13°38	T 26
F 27	12 38 31	11°31'19	15°58	1° 4	2°19	6°21	14°30	29°19	7°50	2°45	12°50	12°19	11°10	13°47	13°41	F 27
S 28	12 42 28	12°29'56	0♑10	1°55	3°33	6°49	14°34	29°25	7°51	2°47	12°51	12°17	11° 7	13°54	13°44	S 28
S 29	12 46 24	13°28'30	14° 0	2°41	4°46	7°17	14°38	29°31	7°52	2°49	12°51	12°D17	11° 4	14° 1	13°47	S 29
M30	12 50 21	14°27'04	27°27	3°20	5°59	7°45	14°43	29°37	7°53	2°51	12°51	12°17	11° 1	14° 7	13°49	M30
T 31	12 54 17	15♈25'35	10♒33	3♉54	7♉13	8♋14	14♋47	29♉44	7♋54	2♓52	12♑51	12♍19	10♍57	14♉14	13♒52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s35	18s34	4n57	6s47	1s24	0s54	1s 6	26n 5	2n36	23n26	0n35	18n 0	1s38	23n45	0n25	11s43	0s54	24s 7	1s 9	6n51	6n53	11n 0	11s31	5n56
M 2	5 12	18 8	4 22	5 53	1 17	0 23	1 5	26 4	2 34	23 26	0 35	18 2	1 38	23 45	0 25	11 42	0 54	24 7	1 9	6 50	6 54	11 2	11 30	5 56
T 3	4 48	16 41	3 34	4 59	1 9	0n 8	1 3	26 4	2 33	23 26	0 35	18 3	1 38	23 45	0 25	11 41	0 55	24 7	1 10	6 50	6 56	11 3	11 29	5 56
W 4	4 25	14 23	2 35	4 3	1 1	0 39	1 1	26 4	2 32	23 26	0 35	18 4	1 38	23 45	0 25	11 41	0 55	24 7	1 10	6 50	6 57	11 5	11 27	5 56
T 5	4 1	11 23	1 29	3 7	0 52	1 11	0 59	26 3	2 31	23 26	0 35	18 5	1 37	23 45	0 25	11 40	0 55	24 7	1 10	6 50	6 58	11 6	11 26	5 56
F 6	3 38	7 55	0 20	2 9	0 43	1 42	0 58	26 3	2 30	23 26	0 35	18 7	1 37	23 45	0 25	11 39	0 55	24 7	1 10	6 50	6 59	11 8	11 25	5 57
S 7	3 15	4 8	0s48	1 12	0 33	2 13	0 56	26 2	2 29	23 26	0 35	18 8	1 37	23 45	0 25	11 38	0 55	24 7	1 10	6 50	7 1	11 10	11 24	5 57
S 8	2 51	0 15	1 54	0 14	0 23	2 44	0 54	26 1	2 28	23 26	0 35	18 9	1 37	23 45	0 25	11 38	0 55	24 7	1 10	6 50	7 2	11 11	11 23	5 57
M 9	2 27	3n36	2 54	0n45	0 12	3 15	0 52	26 1	2 27	23 26	0 35	18 10	1 37	23 45	0 25	11 37	0 55	24 7	1 10	6 50	7 3	11 13	11 21	5 57
T 10	2 4	7 15	3 45	1 43	0 1	3 46	0 50	26 0	2 26	23 26	0 35	18 12	1 36	23 45	0 25	11 36	0 55	24 7	1 10	6 51	7 4	11 15	11 20	5 57
W11	1 40	10 36	4 26	2 41	0n10	4 17	0 48	25 59	2 25	23 26	0 35	18 13	1 36	23 45	0 25	11 35	0 55	24 7	1 11	6 52	7 5	11 16	11 19	5 58
T 12	1 17	13 30	4 55	3 39	0 22	4 48	0 46	25 58	2 24	23 26	0 35	18 14	1 36	23 45	0 25	11 35	0 55	24 8	1 11	6 53	7 7	11 18	11 18	5 58
F 13	0 53	15 51	5 12	4 36	0 33	5 19	0 43	25 57	2 23	23 25	0 35	18 16	1 36	23 45	0 25	11 34	0 55	24 8	1 11	6 53	7 8	11 19	11 17	5 58
S 14	0 29	17 32	5 16	5 31	0 45	5 49	0 41	25 56	2 22	23 25	0 35	18 17	1 35	23 45	0 25	11 33	0 55	24 8	1 11	6 54	7 9	11 21	11 16	5 58
S 15	0 6	18 27	5 5	6 26	0 57	6 20	0 39	25 55	2 22	23 25	0 35	18 18	1 35	23 45	0 25	11 32	0 55	24 8	1 11	6 54	7 10	11 23	11 14	5 59
M16	0n18	18 32	4 41	7 19	1 9	6 50	0 37	25 54	2 21	23 25	0 35	18 20	1 35	23 45	0 24	11 32	0 55	24 8	1 11	6 54	7 11	11 24	11 13	5 59
T 17	0 41	17 42	4 3	8 11	1 20	7 20	0 34	25 53	2 20	23 25	0 35	18 21	1 35	23 45	0 24	11 31	0 55	24 8	1 11	6 54	7 13	11 26	11 12	5 59
W18	1 5	15 55	3 11	9 0	1 32	7 50	0 32	25 51	2 19	23 24	0 35	18 23	1 35	23 45	0 24	11 30	0 55	24 8	1 11	6 53	7 14	11 27	11 11	5 59
T 19	1 28	13 14	2 7	9 48	1 43	8 20	0 30	25 50	2 18	23 24	0 35	18 24	1 34	23 44	0 24	11 30	0 55	24 8	1 12	6 52	7 15	11 29	11 10	6 0
F 20	1 52	9 43	0 54	10 33	1 53	8 50	0 27	25 48	2 17	23 24	0 35	18 25	1 34	23 44	0 24	11 29	0 55	24 8	1 12	6 52	7 16	11 31	11 9	6 0
S 21	2 15	5 32	0n24	11 15	2 4	9 19	0 25	25 47	2 16	23 23	0 35	18 27	1 34	23 44	0 24	11 28	0 55	24 8	1 12	6 52	7 18	11 32	11 8	6 0
S 22	2 39	0 55	1 43	11 55	2 13	9 49	0 22	25 45	2 15	23 23	0 35	18 28	1 34	23 44	0 24	11 27	0 55	24 8	1 12	6 52	7 19	11 34	11 6	6 1
M23	3 2	3s49	2 56	12 33	2 22	10 18	0 20	25 43	2 14	23 23	0 35	18 30	1 34	23 44	0 24	11 27	0 55	24 8	1 12	6 53	7 20	11 35	11 5	6 1
T 24	3 25	8 22	3 57	13 7	2 30	10 46	0 17	25 41	2 13	23 22	0 35	18 31	1 33	23 44	0 24	11 26	0 55	24 8	1 12	6 54	7 21	11 37	11 4	6 1
W25	3 49	12 22	4 42	13 39	2 37	11 15	0 15	25 39	2 12	23 22	0 35	18 33	1 33	23 44	0 24	11 25	0 55	24 8	1 12	6 56	7 22	11 38	11 3	6 1
T 26	4 12	15 31	5 8	14 7	2 44	11 43	0 12	25 37	2 11	23 22	0 35	18 34	1 33	23 44	0 24	11 25	0 55	24 8	1 12	6 57	7 24	11 40	11 2	6 2
F 27	4 35	17 38	5 13	14 33	2 49	12 11	0 10	25 35	2 10	23 21	0 35	18 36	1 33	23 44	0 24	11 24	0 55	24 9	1 13	6 58	7 25	11 42	11 1	6 2
S 28	4 58	18 35	4 58	14 55	2 54	12 39	0 7	25 33	2 10	23 21	0 35	18 37	1 33	23 44	0 24	11 23	0 55	24 9	1 13	6 59	7 26	11 43	11 0	6 2
S 29	5 21	18 24	4 27	15 14	2 57	13 6	0 5	25 30	2 9	23 20	0 35	18 39	1 32	23 44	0 24	11 23	0 55	24 9	1 13	6 59	7 27	11 45	10 59	6 3
M30	5 44	17 10	3 41	15 30	3 0	13 33	0 2	25 28	2 8	23 20	0 35	18 40	1 32	23 44	0 24	11 22	0 55	24 9	1 13	6 59	7 28	11 46	10 58	6 3
T 31	6n 6	15s 2	2n45	15n43	3n 1	14n 0	0n 1	25n25	2n 7	23n19	0n35	18n42	1s32	23n44	0n24	11s22	0s55	24s 9	1s13	6n59	7n30	11n48	10s57	6n 3

Julian Day Number = 2097324.5, Delta T = 22m04s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'19, Lahiri = 10°20'20 Julian Calendar 1 March 1030 == Greg. Calendar 7 March 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

APRIL 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 58 14	16♈24'05	23♒22	4♉22	8♉26	8♋42	14♋52	29♉50	7♋55	2♓54	12♑52	12♏20	10♏54	14♉21	13♒54	W 1
T 2	13 2 10	17°22'33	5♓55	4°44	9°40	9°11	14°57	29°57	7°57	2°56	12°52	12°21	10°51	14°27	13°57	T 2
F 3	13 6 7	18°20'59	18°16	4°59	10°53	9°40	15° 2	0♊ 3	7°58	2°58	12°52	12°R22	10°48	14°34	13°59	F 3
S 4	13 10 3	19°19'23	0♈28	5° 9	12° 6	10° 9	15° 8	0°10	7°59	2°59	12°52	12°20	10°45	14°41	14° 2	S 4
S 5	13 14 0	20°17'46	12°32	5°R14	13°19	10°38	15°13	0°16	8° 0	3° 1	12°52	12°16	10°41	14°48	14° 4	S 5
M 6	13 17 56	21°16'07	24°30	5°12	14°33	11° 7	15°19	0°23	8° 2	3° 3	12°52	12°11	10°38	14°54	14° 6	M 6
T 7	13 21 53	22°14'26	6♉24	5° 5	15°46	11°37	15°25	0°30	8° 3	3° 4	12°53	12° 4	10°35	15° 1	14° 8	T 7
W 8	13 25 50	23°12'43	18°15	4°53	16°59	12° 7	15°31	0°36	8° 5	3° 6	12°53	11°57	10°32	15° 8	14°11	W 8
T 9	13 29 46	24°10'58	0♊ 7	4°36	18°12	12°36	15°37	0°43	8° 6	3° 8	12°R53	11°49	10°29	15°14	14°13	T 9
F 10	13 33 43	25° 9'12	12° 0	4°15	19°25	13° 6	15°43	0°50	8° 8	3° 9	12°53	11°41	10°26	15°21	14°15	F 10
S 11	13 37 39	26° 7'23	23°57	3°49	20°38	13°36	15°49	0°57	8° 9	3°11	12°52	11°35	10°22	15°28	14°17	S 11
S 12	13 41 36	27° 5'33	6♋ 2	3°21	21°51	14° 7	15°56	1° 4	8°11	3°12	12°52	11°31	10°19	15°34	14°19	S 12
M13	13 45 32	28° 3'40	18°20	2°49	23° 4	14°37	16° 2	1°11	8°13	3°14	12°52	11°29	10°16	15°41	14°20	M13
T 14	13 49 29	29° 1'45	0♌53	2°14	24°17	15° 7	16° 9	1°18	8°14	3°15	12°52	11°D28	10°13	15°48	14°22	T 14
W15	13 53 25	29°59'49	13°47	1°38	25°30	15°38	16°16	1°25	8°16	3°17	12°52	11°29	10°10	15°55	14°24	W15
T 16	13 57 22	0♉57'50	27° 6	1° 1	26°42	16° 9	16°23	1°32	8°18	3°18	12°52	11°30	10° 7	16° 1	14°26	T 16
F 17	14 1 19	1°55'50	10♍52	0°24	27°55	16°39	16°30	1°39	8°20	3°20	12°52	11°R31	10° 3	16° 8	14°27	F 17
S 18	14 5 15	2°53'47	25° 6	29♈47	29° 8	17°10	16°38	1°46	8°22	3°21	12°51	11°30	10° 0	16°15	14°29	S 18
S 19	14 9 12	3°51'43	9♎46	29°10	0♊21	17°41	16°45	1°53	8°24	3°22	12°51	11°27	9°57	16°21	14°31	S 19
M20	14 13 8	4°49'37	24°48	28°35	1°33	18°13	16°53	2° 1	8°26	3°24	12°51	11°22	9°54	16°28	14°32	M20
T 21	14 17 5	5°47'29	10♏ 3	28° 3	2°46	18°44	17° 1	2° 8	8°28	3°25	12°50	11°15	9°51	16°35	14°33	T 21
W22	14 21 1	6°45'20	25°20	27°33	3°58	19°15	17° 9	2°15	8°30	3°26	12°50	11° 7	9°47	16°42	14°35	W22
T 23	14 24 58	7°43'10	10♐29	27° 6	5°11	19°47	17°16	2°23	8°32	3°27	12°50	10°59	9°44	16°48	14°36	T 23
F 24	14 28 54	8°40'58	25°20	26°42	6°23	20°18	17°25	2°30	8°34	3°29	12°49	10°52	9°41	16°55	14°37	F 24
S 25	14 32 51	9°38'45	9♑46	26°22	7°36	20°50	17°33	2°37	8°37	3°30	12°49	10°46	9°38	17° 2	14°39	S 25
S 26	14 36 48	10°36'31	23°44	26° 7	8°48	21°22	17°41	2°45	8°39	3°31	12°48	10°43	9°35	17° 8	14°40	S 26
M27	14 40 44	11°34'15	7♒13	25°55	10° 0	21°54	17°50	2°52	8°41	3°32	12°48	10°D42	9°32	17°15	14°41	M27
T 28	14 44 41	12°31'59	20°18	25°48	11°13	22°26	17°58	3° 0	8°44	3°33	12°47	10°42	9°28	17°22	14°42	T 28
W29	14 48 37	13°29'41	3♓ 0	25°D46	12°25	22°58	18° 7	3° 7	8°46	3°34	12°47	10°43	9°25	17°29	14°43	W29
T 30	14 52 34	14♉27'22	15♓24	25♈48	13♊37	23♋30	18♋16	3♊15	8♋48	3♓35	12♑46	10°R43	9♏22	17♉35	14♒44	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n29	12s12	1n42	15n53	3n 1	14n27	0n 3	25n22	2n 6	23n19	0n35	18n43	1s32	23n44	0n24	11s21	0s55	24s 9	1s13	6n58	7n31	11n50	10s56	6n 4
T 2	6 51	8 51	0 35	15 59	3 0	14 53	0 6	25 20	2 5	23 18	0 35	18 45	1 32	23 44	0 24	11 20	0 55	24 9	1 13	6 58	7 32	11 51	10 55	6 4
F 3	7 14	5 9	0s32	16 2	2 58	15 18	0 9	25 17	2 4	23 17	0 35	18 46	1 32	23 44	0 24	11 20	0 55	24 9	1 13	6 58	7 33	11 53	10 54	6 4
S 4	7 36	1 18	1 37	16 2	2 54	15 44	0 12	25 14	2 4	23 17	0 35	18 48	1 31	23 43	0 24	11 19	0 55	24 9	1 14	6 58	7 35	11 54	10 53	6 5
S 5	7 58	2n34	2 37	15 59	2 49	16 9	0 14	25 10	2 3	23 16	0 35	18 50	1 31	23 43	0 24	11 19	0 55	24 10	1 14	6 59	7 36	11 56	10 52	6 5
M 6	8 20	6 18	3 29	15 52	2 43	16 33	0 17	25 7	2 2	23 16	0 35	18 51	1 31	23 43	0 24	11 18	0 55	24 10	1 14	7 1	7 37	11 57	10 51	6 5
T 7	8 42	9 46	4 11	15 43	2 35	16 57	0 20	25 4	2 1	23 15	0 35	18 53	1 31	23 43	0 24	11 17	0 55	24 10	1 14	7 4	7 38	11 59	10 50	6 6
W 8	9 4	12 49	4 43	15 30	2 26	17 21	0 22	25 0	2 0	23 14	0 35	18 54	1 31	23 43	0 24	11 17	0 55	24 10	1 14	7 7	7 39	12 0	10 49	6 6
T 9	9 25	15 21	5 2	15 15	2 16	17 44	0 25	24 56	1 59	23 14	0 35	18 56	1 31	23 43	0 24	11 16	0 55	24 10	1 14	7 10	7 41	12 2	10 48	6 6
F 10	9 47	17 15	5 9	14 57	2 4	18 7	0 28	24 53	1 59	23 13	0 35	18 57	1 30	23 43	0 24	11 16	0 56	24 10	1 14	7 13	7 42	12 4	10 47	6 7
S 11	10 8	18 24	5 2	14 36	1 52	18 29	0 30	24 49	1 58	23 12	0 35	18 59	1 30	23 43	0 24	11 15	0 56	24 10	1 14	7 15	7 43	12 5	10 46	6 7
S 12	10 29	18 45	4 41	14 14	1 38	18 51	0 33	24 45	1 57	23 11	0 35	19 0	1 30	23 43	0 24	11 15	0 56	24 10	1 15	7 17	7 44	12 7	10 45	6 7
M13	10 50	18 13	4 7	13 49	1 23	19 13	0 36	24 41	1 56	23 10	0 35	19 2	1 30	23 42	0 24	11 14	0 56	24 11	1 15	7 18	7 45	12 8	10 45	6 8
T 14	11 11	16 47	3 21	13 22	1 8	19 34	0 39	24 37	1 55	23 10	0 35	19 4	1 30	23 42	0 24	11 14	0 56	24 11	1 15	7 18	7 47	12 10	10 44	6 8
W15	11 32	14 29	2 24	12 55	0 52	19 54	0 41	24 32	1 54	23 9	0 35	19 5	1 30	23 42	0 24	11 13	0 56	24 11	1 15	7 18	7 48	12 11	10 43	6 8
T 16	11 52	11 20	1 17	12 26	0 35	20 14	0 44	24 28	1 54	23 8	0 35	19 7	1 29	23 42	0 24	11 13	0 56	24 11	1 15	7 17	7 49	12 13	10 42	6 9
F 17	12 12	7 29	0 4	11 57	0 18	20 33	0 47	24 23	1 53	23 7	0 35	19 8	1 29	23 42	0 24	11 12	0 56	24 11	1 15	7 17	7 50	12 15	10 41	6 9
S 18	12 32	3 4	1n12	11 28	0 1	20 52	0 49	24 18	1 52	23 6	0 35	19 10	1 29	23 42	0 24	11 12	0 56	24 11	1 15	7 17	7 51	12 16	10 40	6 9
S 19	12 52	1s39	2 26	10 59	0s17	21 10	0 52	24 13	1 51	23 5	0 35	19 12	1 29	23 42	0 24	11 11	0 56	24 11	1 15	7 18	7 53	12 18	10 40	6 10
M20	13 12	6 23	3 31	10 30	0 34	21 28	0 54	24 9	1 51	23 4	0 35	19 13	1 29	23 42	0 24	11 11	0 56	24 12	1 16	7 20	7 54	12 19	10 39	6 10
T 21	13 31	10 46	4 22	10 3	0 50	21 45	0 57	24 3	1 50	23 3	0 35	19 15	1 29	23 41	0 24	11 10	0 56	24 12	1 16	7 23	7 55	12 21	10 38	6 11
W22	13 50	14 26	4 54	9 37	1 7	22 1	0 59	23 58	1 49	23 2	0 35	19 16	1 29	23 41	0 24	11 10	0 56	24 12	1 16	7 26	7 56	12 22	10 37	6 11
T 23	14 9	17 6	5 5	9 12	1 23	22 17	1 2	23 53	1 48	23 1	0 35	19 18	1 29	23 41	0 24	11 10	0 56	24 12	1 16	7 29	7 57	12 24	10 37	6 11
F 24	14 28	18 33	4 56	8 50	1 38	22 33	1 4	23 47	1 47	23 0	0 35	19 19	1 28	23 41	0 24	11 9	0 56	24 12	1 16	7 32	7 59	12 25	10 36	6 12
S 25	14 47	18 45	4 28	8 29	1 52	22 47	1 7	23 42	1 47	22 59	0 35	19 21	1 28	23 41	0 24	11 9	0 56	24 12	1 16	7 34	8 0	12 27	10 35	6 12
S 26	15 5	17 47	3 44	8 11	2 6	23 1	1 9	23 36	1 46	22 58	0 35	19 23	1 28	23 41	0 24	11 8	0 56	24 13	1 16	7 35	8 1	12 28	10 35	6 12
M27	15 23	15 50	2 49	7 55	2 19	23 15	1 12	23 30	1 45	22 57	0 35	19 24	1 28	23 40	0 24	11 8	0 56	24 13	1 16	7 36	8 2	12 30	10 34	6 13
T 28	15 41	13 6	1 47	7 41	2 30	23 27	1 14	23 24	1 44	22 56	0 35	19 26	1 28	23 40	0 24	11 8	0 56	24 13	1 17	7 36	8 3	12 31	10 33	6 13
W29	15 58	9 49	0 41	7 30	2 41	23 40	1 16	23 18	1 44	22 55	0 35	19 27	1 28	23 40	0 24	11 7	0 56	24 13	1 17	7 35	8 5	12 33	10 33	6 14
T 30	16n16	6s10	0s25	7n22	2s51	23n51	1n18	23n12	1n43	22n53	0n35	19n29	1s28	23n40	0n24	11s 7	0s56	24s13	1s17	7n35	8n 6	12n35	10s32	6n14

Julian Day Number = 2097355.5, Delta T = 22m04s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'24, Lahiri = 10°20'24 Julian Calendar 1 Apr. 1030 == Greg. Calendar 7 Apr. 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

MAY 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 56 30	15♉25'02	27♓35	25♈54	14♊49	24♋ 2	18♋25	3♊23	8♋51	3♓36	12°R45	10°R41	9♍19	17♉42	14♒44	F 1
S 2	15 0 27	16°22'41	9♈37	26° 5	16° 1	24°35	18°34	3°30	8°53	3°37	12♑45	10♍38	9°16	17°49	14°45	S 2
S 3	15 4 23	17°20'19	21°33	26°21	17°13	25° 7	18°43	3°38	8°56	3°38	12°44	10°31	9°12	17°55	14°46	S 3
M 4	15 8 20	18°17'55	3♉25	26°41	18°25	25°40	18°52	3°45	8°59	3°39	12°44	10°22	9° 9	18° 2	14°46	M 4
T 5	15 12 17	19°15'31	15°16	27° 5	19°37	26°13	19° 1	3°53	9° 1	3°40	12°43	10°11	9° 6	18° 9	14°47	T 5
W 6	15 16 13	20°13'05	27° 8	27°34	20°49	26°46	19°11	4° 1	9° 4	3°41	12°42	9°58	9° 3	18°16	14°48	W 6
T 7	15 20 10	21°10'39	9♊ 1	28° 7	22° 1	27°18	19°20	4° 8	9° 7	3°42	12°41	9°45	9° 0	18°22	14°48	T 7
F 8	15 24 6	22° 8'11	20°58	28°43	23°13	27°51	19°30	4°16	9° 9	3°42	12°41	9°33	8°57	18°29	14°48	F 8
S 9	15 28 3	23° 5'41	3♋ 0	29°24	24°25	28°24	19°40	4°24	9°12	3°43	12°40	9°23	8°53	18°36	14°49	S 9
S 10	15 31 59	24° 3'11	15° 9	0♌ 8	25°36	28°58	19°50	4°32	9°15	3°44	12°39	9°15	8°50	18°42	14°49	S 10
M11	15 35 56	25° 0'39	27°29	0°57	26°48	29°31	20° 0	4°39	9°18	3°45	12°38	9° 9	8°47	18°49	14°49	M11
T 12	15 39 52	25°58'06	10♌ 3	1°48	28° 0	0♌ 4	20°10	4°47	9°21	3°45	12°37	9° 7	8°44	18°56	14°49	T 12
W13	15 43 49	26°55'32	22°54	2°44	29°11	0°38	20°20	4°55	9°23	3°46	12°36	9°D 6	8°41	19° 3	14°49	W13
T 14	15 47 46	27°52'56	6♍ 7	3°43	0♋23	1°11	20°30	5° 3	9°26	3°46	12°35	9°R 6	8°38	19° 9	14°R49	T 14
F 15	15 51 42	28°50'19	19°44	4°45	1°34	1°45	20°40	5°11	9°29	3°47	12°34	9° 5	8°34	19°16	14°49	F 15
S 16	15 55 39	29°47'41	3♎49	5°50	2°45	2°18	20°51	5°18	9°32	3°48	12°34	9° 4	8°31	19°23	14°49	S 16
S 17	15 59 35	0♊45'02	18°20	6°59	3°57	2°52	21° 1	5°26	9°35	3°48	12°33	9° 0	8°28	19°29	14°49	S 17
M18	16 3 32	1°42'21	3♏15	8°10	5° 8	3°26	21°12	5°34	9°38	3°49	12°32	8°53	8°25	19°36	14°49	M18
T 19	16 7 28	2°39'40	18°26	9°25	6°19	4° 0	21°22	5°42	9°41	3°49	12°31	8°44	8°22	19°43	14°49	T 19
W20	16 11 25	3°36'58	3♐44	10°43	7°30	4°34	21°33	5°50	9°45	3°49	12°29	8°34	8°18	19°50	14°48	W20
T 21	16 15 21	4°34'15	18°58	12° 4	8°41	5° 8	21°44	5°57	9°48	3°50	12°28	8°23	8°15	19°56	14°48	T 21
F 22	16 19 18	5°31'32	3♑56	13°28	9°52	5°42	21°55	6° 5	9°51	3°50	12°27	8°14	8°12	20° 3	14°47	F 22
S 23	16 23 15	6°28'48	18°31	14°54	11° 3	6°16	22° 6	6°13	9°54	3°50	12°26	8° 6	8° 9	20°10	14°47	S 23
S 24	16 27 11	7°26'03	2♒37	16°24	12°14	6°50	22°17	6°21	9°57	3°51	12°25	8° 1	8° 6	20°16	14°46	S 24
M25	16 31 8	8°23'19	16°14	17°57	13°25	7°24	22°28	6°29	10° 0	3°51	12°24	7°58	8° 3	20°23	14°46	M25
T 26	16 35 4	9°20'33	29°22	19°32	14°35	7°59	22°39	6°37	10° 4	3°51	12°23	7°57	7°59	20°30	14°45	T 26
W27	16 39 1	10°17'48	12♓ 5	21°11	15°46	8°33	22°50	6°44	10° 7	3°51	12°22	7°57	7°56	20°37	14°44	W27
T 28	16 42 57	11°15'02	24°28	22°52	16°57	9° 8	23° 1	6°52	10°10	3°51	12°21	7°56	7°53	20°43	14°43	T 28
F 29	16 46 54	12°12'16	6♈37	24°36	18° 7	9°42	23°13	7° 0	10°14	3°52	12°19	7°55	7°50	20°50	14°42	F 29
S 30	16 50 50	13° 9'29	18°35	26°23	19°18	10°17	23°24	7° 8	10°17	3°52	12°18	7°51	7°47	20°57	14°41	S 30
S 31	16 54 47	14♊ 6'43	0♉27	28♉12	20♋28	10♌52	23♋36	7♊16	10♋20	3♓52	12♑17	7♍44	7♍44	21♉ 3	14♒40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n33	2s19	1s29	7n16	2s59	24n 2	1n21	23n 5	1n42	22n52	0n35	19n30	1s28	23n40	0n24	11s 7	0s56	24s13	1s17	7n36	8n 7	12n36	10s31	6n14
S 2	16 49	1n34	2 28	7 13	3 7	24 12	1 23	22 59	1 41	22 51	0 35	19 32	1 27	23 40	0 24	11 6	0 56	24 14	1 17	7 37	8 8	12 38	10 31	6 15
S 3	17 6	5 22	3 19	7 12	3 14	24 21	1 25	22 52	1 41	22 50	0 35	19 33	1 27	23 39	0 24	11 6	0 56	24 14	1 17	7 40	8 9	12 39	10 30	6 15
M 4	17 22	8 56	4 2	7 14	3 20	24 30	1 27	22 45	1 40	22 48	0 35	19 35	1 27	23 39	0 24	11 6	0 56	24 14	1 17	7 43	8 11	12 41	10 30	6 16
T 5	17 38	12 8	4 34	7 19	3 24	24 38	1 29	22 38	1 39	22 47	0 35	19 37	1 27	23 39	0 24	11 5	0 56	24 14	1 17	7 47	8 12	12 42	10 29	6 16
W 6	17 53	14 51	4 54	7 26	3 28	24 45	1 31	22 31	1 38	22 46	0 35	19 38	1 27	23 39	0 24	11 5	0 56	24 14	1 18	7 52	8 13	12 44	10 29	6 16
T 7	18 9	16 57	5 1	7 35	3 31	24 52	1 33	22 24	1 38	22 44	0 35	19 40	1 27	23 39	0 24	11 5	0 57	24 15	1 18	7 57	8 14	12 45	10 28	6 17
F 8	18 24	18 20	4 55	7 46	3 33	24 58	1 35	22 17	1 37	22 43	0 35	19 41	1 27	23 38	0 24	11 5	0 57	24 15	1 18	8 2	8 15	12 47	10 28	6 17
S 9	18 39	18 55	4 36	7 59	3 34	25 3	1 37	22 9	1 36	22 42	0 35	19 43	1 27	23 38	0 24	11 4	0 57	24 15	1 18	8 6	8 17	12 48	10 27	6 17
S 10	18 53	18 38	4 5	8 15	3 34	25 8	1 38	22 2	1 36	22 40	0 35	19 44	1 27	23 38	0 24	11 4	0 57	24 15	1 18	8 9	8 18	12 50	10 27	6 18
M11	19 7	17 29	3 21	8 32	3 33	25 11	1 40	21 54	1 35	22 39	0 35	19 46	1 26	23 38	0 24	11 4	0 57	24 15	1 18	8 11	8 19	12 51	10 26	6 18
T 12	19 21	15 27	2 27	8 51	3 32	25 15	1 42	21 46	1 34	22 37	0 35	19 47	1 26	23 38	0 24	11 4	0 57	24 16	1 18	8 12	8 20	12 53	10 26	6 19
W13	19 34	12 37	1 25	9 12	3 29	25 17	1 43	21 38	1 33	22 36	0 35	19 49	1 26	23 37	0 24	11 4	0 57	24 16	1 18	8 12	8 21	12 54	10 26	6 19
T 14	19 47	9 4	0 16	9 35	3 26	25 19	1 45	21 30	1 33	22 34	0 35	19 50	1 26	23 37	0 24	11 3	0 57	24 16	1 19	8 12	8 23	12 56	10 25	6 19
F 15	20 0	4 57	0n56	9 59	3 23	25 19	1 46	21 22	1 32	22 33	0 35	19 52	1 26	23 37	0 24	11 3	0 57	24 16	1 19	8 12	8 24	12 57	10 25	6 20
S 16	20 13	0 25	2 7	10 25	3 18	25 20	1 48	21 14	1 31	22 31	0 35	19 53	1 26	23 37	0 24	11 3	0 57	24 16	1 19	8 13	8 25	12 59	10 25	6 20
S 17	20 25	4s16	3 11	10 52	3 13	25 19	1 49	21 5	1 31	22 30	0 35	19 55	1 26	23 37	0 24	11 3	0 57	24 17	1 19	8 14	8 26	13 0	10 24	6 20
M18	20 37	8 49	4 5	11 21	3 8	25 18	1 50	20 57	1 30	22 28	0 35	19 56	1 26	23 36	0 24	11 3	0 57	24 17	1 19	8 17	8 27	13 2	10 24	6 21
T 19	20 48	12 53	4 42	11 50	3 1	25 16	1 51	20 48	1 29	22 26	0 35	19 57	1 26	23 36	0 24	11 3	0 57	24 17	1 19	8 20	8 29	13 3	10 24	6 21
W20	20 59	16 6	4 59	12 21	2 54	25 13	1 52	20 39	1 28	22 25	0 35	19 59	1 26	23 36	0 24	11 3	0 57	24 17	1 19	8 24	8 30	13 5	10 23	6 22
T 21	21 10	18 12	4 55	12 53	2 47	25 10	1 53	20 30	1 28	22 23	0 35	20 0	1 26	23 36	0 24	11 2	0 57	24 17	1 19	8 28	8 31	13 6	10 23	6 22
F 22	21 20	18 59	4 31	13 26	2 39	25 6	1 54	20 21	1 27	22 21	0 35	20 2	1 26	23 35	0 24	11 2	0 57	24 18	1 20	8 32	8 32	13 8	10 23	6 22
S 23	21 30	18 29	3 50	14 0	2 31	25 1	1 55	20 12	1 26	22 19	0 36	20 3	1 26	23 35	0 24	11 2	0 57	24 18	1 20	8 35	8 33	13 9	10 23	6 23
S 24	21 40	16 50	2 55	14 34	2 22	24 55	1 56	20 2	1 26	22 18	0 36	20 5	1 25	23 35	0 24	11 2	0 57	24 18	1 20	8 37	8 35	13 11	10 23	6 23
M25	21 49	14 16	1 52	15 9	2 12	24 49	1 57	19 53	1 25	22 16	0 36	20 6	1 25	23 35	0 24	11 2	0 57	24 18	1 20	8 38	8 36	13 12	10 22	6 23
T 26	21 58	11 3	0 45	15 44	2 3	24 42	1 57	19 43	1 24	22 14	0 36	20 7	1 25	23 34	0 24	11 2	0 57	24 19	1 20	8 38	8 37	13 14	10 22	6 24
W27	22 6	7 24	0s22	16 20	1 52	24 34	1 58	19 34	1 24	22 12	0 36	20 9	1 25	23 34	0 24	11 2	0 57	24 19	1 20	8 38	8 38	13 15	10 22	6 24
T 28	22 15	3 32	1 26	16 56	1 42	24 26	1 58	19 24	1 23	22 10	0 36	20 10	1 25	23 34	0 24	11 2	0 57	24 19	1 20	8 38	8 39	13 17	10 22	6 25
F 29	22 22	0n25	2 25	17 33	1 31	24 17	1 59	19 14	1 22	22 8	0 36	20 12	1 25	23 34	0 24	11 2	0 57	24 19	1 20	8 39	8 41	13 18	10 22	6 25
S 30	22 30	4 17	3 17	18 9	1 20	24 8	1 59	19 4	1 22	22 6	0 36	20 13	1 25	23 33	0 24	11 2	0 57	24 19	1 20	8 40	8 42	13 20	10 22	6 25
S 31	22n37	7n57	4s 0	18n44	1s 9	23n57	1n59	18n54	1n21	22n 5	0n36	20n14	1s25	23n33	0n24	11s 2	0s58	24s20	1s21	8n43	8n43	13n21	10s22	6n26

Julian Day Number = 2097385.5, Delta T = 22m03s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'28, Lahiri = 10°20'28 Julian Calendar 1 May 1030 == Greg. Calendar 7 May 1030

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1030
geocentric

JUNE 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 58 44	15♊ 3'56	12♉18	0♊ 5	21♋38	11♌26	23♋47	7♊24	10♋24	3°R52	12°R16	7°R35	7♍40	21♉10	14°R39	M 1
T 2	17 2 40	16° 1'09	24° 9	1°59	22°48	12° 1	23°59	7°31	10°27	3♓52	12♏14	7♍23	7°37	21°17	14♒38	T 2
W 3	17 6 37	16°58'22	6♊ 3	3°56	23°59	12°36	24°11	7°39	10°30	3°52	12°13	7°10	7°34	21°24	14°37	W 3
T 4	17 10 33	17°55'34	18° 1	5°56	25° 9	13°11	24°22	7°47	10°34	3°52	12°12	6°56	7°31	21°30	14°36	T 4
F 5	17 14 30	18°52'46	0♋ 6	7°58	26°19	13°46	24°34	7°55	10°37	3°51	12°11	6°43	7°28	21°37	14°35	F 5
S 6	17 18 26	19°49'58	12°17	10° 1	27°29	14°21	24°46	8° 2	10°41	3°51	12° 9	6°32	7°24	21°44	14°33	S 6
S 7	17 22 23	20°47'10	24°36	12° 7	28°38	14°57	24°58	8°10	10°44	3°51	12° 8	6°24	7°21	21°51	14°32	S 7
M 8	17 26 19	21°44'21	7♌ 6	14°14	29°48	15°32	25°10	8°18	10°48	3°51	12° 7	6°18	7°18	21°57	14°30	M 8
T 9	17 30 16	22°41'32	19°47	16°22	0♌58	16° 7	25°22	8°25	10°51	3°51	12° 5	6°15	7°15	22° 4	14°29	T 9
W10	17 34 13	23°38'42	2♍43	18°31	2° 8	16°43	25°34	8°33	10°55	3°50	12° 4	6°D14	7°12	22°11	14°27	W10
T 11	17 38 9	24°35'53	15°56	20°41	3°17	17°18	25°46	8°41	10°58	3°50	12° 3	6°14	7° 9	22°17	14°26	T 11
F 12	17 42 6	25°33'02	29°30	22°51	4°26	17°54	25°58	8°48	11° 2	3°50	12° 1	6°R14	7° 5	22°24	14°24	F 12
S 13	17 46 2	26°30'12	13♎26	25° 2	5°36	18°29	26°11	8°56	11° 5	3°49	12° 0	6°13	7° 2	22°31	14°22	S 13
S 14	17 49 59	27°27'21	27°44	27°12	6°45	19° 5	26°23	9° 4	11° 9	3°49	11°59	6°10	6°59	22°38	14°21	S 14
M15	17 53 55	28°24'30	12♏23	29°22	7°54	19°41	26°35	9°11	11°13	3°49	11°57	6° 4	6°56	22°44	14°19	M15
T 16	17 57 52	29°21'39	27°18	1♋32	9° 3	20°16	26°48	9°19	11°16	3°48	11°56	5°57	6°53	22°51	14°17	T 16
W17	18 1 48	0♋18'47	12♐22	3°40	10°12	20°52	27° 0	9°26	11°20	3°48	11°54	5°48	6°50	22°58	14°15	W17
T 18	18 5 45	1°15'56	27°24	5°48	11°21	21°28	27°12	9°34	11°23	3°47	11°53	5°38	6°46	23° 4	14°13	T 18
F 19	18 9 42	2°13'05	12♑15	7°54	12°29	22° 4	27°25	9°41	11°27	3°47	11°51	5°30	6°43	23°11	14°11	F 19
S 20	18 13 38	3°10'15	26°47	9°59	13°38	22°40	27°38	9°49	11°31	3°46	11°50	5°23	6°40	23°18	14° 9	S 20
S 21	18 17 35	4° 7'24	10♒54	12° 2	14°46	23°16	27°50	9°56	11°34	3°45	11°49	5°18	6°37	23°25	14° 7	S 21
M22	18 21 31	5° 4'34	24°34	14° 4	15°55	23°52	28° 3	10° 3	11°38	3°45	11°47	5°16	6°34	23°31	14° 5	M22
T 23	18 25 28	6° 1'45	7♓46	16° 4	17° 3	24°28	28°15	10°11	11°42	3°44	11°46	5°D15	6°30	23°38	14° 2	T 23
W24	18 29 24	6°58'56	20°33	18° 3	18°11	25° 5	28°28	10°18	11°45	3°43	11°44	5°16	6°27	23°45	14° 0	W24
T 25	18 33 21	7°56'07	2♈59	20° 0	19°19	25°41	28°41	10°25	11°49	3°43	11°43	5°R17	6°24	23°51	13°58	T 25
F 26	18 37 17	8°53'20	15° 9	21°55	20°27	26°17	28°53	10°33	11°53	3°42	11°41	5°17	6°21	23°58	13°56	F 26
S 27	18 41 14	9°50'33	27° 8	23°48	21°35	26°54	29° 6	10°40	11°56	3°41	11°40	5°15	6°18	24° 5	13°53	S 27
S 28	18 45 11	10°47'47	9♉ 1	25°39	22°42	27°30	29°19	10°47	12° 0	3°40	11°39	5°11	6°15	24°12	13°51	S 28
M29	18 49 7	11°45'01	20°52	27°29	23°50	28° 7	29°32	10°54	12° 4	3°39	11°37	5° 5	6°11	24°18	13°48	M29
T 30	18 53 4	12♋42'16	2♊45	29♋17	24♌57	28♌43	29♋45	11♊ 1	12♋ 7	3♓38	11♏36	4♍58	6♍ 8	24♉25	13♒46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n43	11n17	4s32	19n20	0s58	23n46	1n59	18n43	1n20	22n 3	0n36	20n16	1s25	23n33	0n24	11s 2	0s58	24s20	1s21	8n46	8n44	13n23	10s22	6n26
T 2	22 49	14 11	4 52	19 55	0 46	23 35	1 59	18 33	1 20	22 1	0 36	20 17	1 25	23 33	0 24	11 2	0 58	24 20	1 21	8 51	8 45	13 24	10 22	6 26
W 3	22 55	16 30	5 0	20 29	0 35	23 23	1 59	18 22	1 19	21 59	0 36	20 18	1 25	23 32	0 24	11 2	0 58	24 20	1 21	8 56	8 46	13 26	10 22	6 27
T 4	23 1	18 8	4 55	21 1	0 23	23 10	1 59	18 12	1 18	21 56	0 36	20 19	1 25	23 32	0 24	11 2	0 58	24 21	1 21	9 1	8 48	13 27	10 22	6 27
F 5	23 6	18 58	4 36	21 33	0 12	22 56	1 59	18 1	1 18	21 54	0 36	20 21	1 25	23 32	0 24	11 2	0 58	24 21	1 21	9 5	8 49	13 29	10 22	6 27
S 6	23 10	18 56	4 5	22 3	0 1	22 42	1 58	17 50	1 17	21 52	0 36	20 22	1 25	23 32	0 24	11 3	0 58	24 21	1 21	9 9	8 50	13 30	10 22	6 28
S 7	23 14	18 1	3 21	22 32	0n10	22 28	1 58	17 39	1 16	21 50	0 36	20 23	1 25	23 31	0 24	11 3	0 58	24 21	1 21	9 13	8 51	13 32	10 22	6 28
M 8	23 18	16 13	2 28	22 58	0 21	22 12	1 57	17 28	1 16	21 48	0 36	20 25	1 25	23 31	0 24	11 3	0 58	24 22	1 21	9 15	8 52	13 33	10 22	6 28
T 9	23 22	13 36	1 26	23 23	0 31	21 56	1 57	17 17	1 15	21 46	0 36	20 26	1 25	23 31	0 24	11 3	0 58	24 22	1 22	9 16	8 54	13 35	10 22	6 29
W10	23 25	10 16	0 19	23 45	0 41	21 40	1 56	17 5	1 14	21 44	0 36	20 27	1 25	23 30	0 24	11 3	0 58	24 22	1 22	9 16	8 55	13 36	10 22	6 29
T 11	23 27	6 22	0n51	24 4	0 50	21 23	1 55	16 54	1 14	21 41	0 36	20 28	1 25	23 30	0 24	11 3	0 58	24 22	1 22	9 16	8 56	13 38	10 22	6 29
F 12	23 29	2 2	2 0	24 21	0 59	21 6	1 54	16 42	1 13	21 39	0 36	20 29	1 25	23 30	0 24	11 3	0 58	24 22	1 22	9 16	8 57	13 39	10 23	6 30
S 13	23 31	2s30	3 4	24 35	1 7	20 48	1 53	16 30	1 12	21 37	0 36	20 31	1 24	23 30	0 24	11 3	0 58	24 23	1 22	9 17	8 58	13 40	10 23	6 30
S 14	23 32	7 1	3 58	24 47	1 15	20 29	1 52	16 19	1 12	21 35	0 36	20 32	1 24	23 29	0 24	11 4	0 58	24 23	1 22	9 18	9 0	13 42	10 23	6 30
M15	23 33	11 13	4 38	24 56	1 22	20 10	1 50	16 7	1 11	21 32	0 36	20 33	1 24	23 29	0 24	11 4	0 58	24 23	1 22	9 20	9 1	13 43	10 23	6 30
T 16	23 34	14 48	5 0	25 1	1 28	19 50	1 49	15 55	1 10	21 30	0 36	20 34	1 24	23 29	0 24	11 4	0 58	24 23	1 22	9 23	9 2	13 45	10 24	6 31
W17	23 34	17 25	5 1	25 4	1 34	19 30	1 48	15 43	1 10	21 28	0 36	20 35	1 24	23 28	0 24	11 4	0 58	24 24	1 22	9 26	9 3	13 46	10 24	6 31
T 18	23 33	18 51	4 42	25 4	1 38	19 10	1 46	15 30	1 9	21 25	0 36	20 37	1 24	23 28	0 24	11 5	0 58	24 24	1 22	9 29	9 4	13 48	10 24	6 31
F 19	23 33	18 57	4 3	25 2	1 42	18 49	1 44	15 18	1 8	21 23	0 36	20 38	1 24	23 28	0 24	11 5	0 58	24 24	1 23	9 33	9 5	13 49	10 24	6 32
S 20	23 31	17 48	3 10	24 56	1 46	18 27	1 43	15 6	1 8	21 20	0 36	20 39	1 24	23 27	0 24	11 5	0 58	24 24	1 23	9 35	9 7	13 51	10 25	6 32
S 21	23 30	15 34	2 6	24 49	1 48	18 5	1 41	14 53	1 7	21 18	0 36	20 40	1 24	23 27	0 24	11 5	0 58	24 25	1 23	9 37	9 8	13 52	10 25	6 32
M22	23 28	12 31	0 57	24 38	1 50	17 43	1 39	14 41	1 6	21 15	0 37	20 41	1 24	23 27	0 24	11 6	0 58	24 25	1 23	9 38	9 9	13 54	10 25	6 32
T 23	23 25	8 55	0s13	24 26	1 51	17 20	1 37	14 28	1 6	21 13	0 37	20 42	1 24	23 26	0 24	11 6	0 58	24 25	1 23	9 38	9 10	13 55	10 26	6 33
W24	23 23	5 0	1 21	24 11	1 52	16 57	1 35	14 15	1 5	21 10	0 37	20 43	1 24	23 26	0 24	11 6	0 59	24 25	1 23	9 38	9 11	13 56	10 26	6 33
T 25	23 19	0 59	2 23	23 54	1 51	16 34	1 32	14 2	1 4	21 8	0 37	20 44	1 24	23 26	0 24	11 6	0 59	24 25	1 23	9 37	9 13	13 58	10 27	6 33
F 26	23 16	2n58	3 17	23 35	1 50	16 10	1 30	13 49	1 4	21 5	0 37	20 45	1 24	23 25	0 24	11 7	0 59	24 26	1 23	9 37	9 14	13 59	10 27	6 33
S 27	23 12	6 45	4 1	23 15	1 49	15 46	1 27	13 36	1 3	21 3	0 37	20 46	1 24	23 25	0 24	11 7	0 59	24 26	1 23	9 38	9 15	14 1	10 27	6 34
S 28	23 7	10 14	4 35	22 52	1 47	15 21	1 25	13 23	1 2	21 0	0 37	20 47	1 24	23 25	0 24	11 7	0 59	24 26	1 23	9 39	9 16	14 2	10 28	6 34
M29	23 2	13 18	4 57	22 28	1 44	14 56	1 22	13 9	1 2	20 57	0 37	20 48	1 24	23 25	0 24	11 8	0 59	24 26	1 24	9 42	9 17	14 4	10 28	6 34
T 30	22n57	15n49	5s 6	22n 3	1n41	14n31	1n19	12n56	1n 1	20n55	0n37	20n49	1s24	23n24	0n24	11s 8	0s59	24s27	1s24	9n44	9n18	14n 5	10s29	6n34

Julian Day Number = 2097416.5, Delta T = 22m03s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'32, Lahiri = 10°20'32 Julian Calendar 1 June 1030 == Greg. Calendar 7 June 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

JULY 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 57 0	13♋39'33	14♊44	1♌ 3	26♌ 5	29♌20	29♋58	11♊ 8	12♋11	3°R38	11°R34	4°R49	6♍ 5	24♉32	13°R43	W 1
T 2	19 0 57	14°36'49	26°49	2°47	27°12	29°57	0♌11	11°15	12°15	3♓37	11♂33	4♍39	6° 2	24°39	13♒41	T 2
F 3	19 4 53	15°34'07	9♋ 3	4°29	28°19	0♍33	0°23	11°22	12°18	3°36	11°31	4°30	5°59	24°45	13°38	F 3
S 4	19 8 50	16°31'25	21°27	6°10	29°25	1°10	0°36	11°29	12°22	3°35	11°30	4°23	5°56	24°52	13°36	S 4
S 5	19 12 47	17°28'44	4♌ 2	7°49	0♍32	1°47	0°49	11°36	12°25	3°34	11°28	4°17	5°52	24°59	13°33	S 5
M 6	19 16 43	18°26'03	16°48	9°26	1°39	2°24	1° 2	11°43	12°29	3°33	11°27	4°13	5°49	25° 5	13°30	M 6
T 7	19 20 40	19°23'24	29°46	11° 1	2°45	3° 1	1°15	11°50	12°33	3°32	11°26	4°D12	5°46	25°12	13°28	T 7
W 8	19 24 36	20°20'44	12♍56	12°34	3°51	3°38	1°28	11°56	12°36	3°31	11°24	4°12	5°43	25°19	13°25	W 8
T 9	19 28 33	21°18'05	26°20	14° 6	4°57	4°15	1°41	12° 3	12°40	3°29	11°23	4°13	5°40	25°26	13°22	T 9
F 10	19 32 29	22°15'27	9♎59	15°36	6° 3	4°52	1°55	12°10	12°44	3°28	11°21	4°14	5°36	25°32	13°19	F 10
S 11	19 36 26	23°12'49	23°53	17° 4	7° 9	5°30	2° 8	12°16	12°47	3°27	11°20	4°R15	5°33	25°39	13°17	S 11
S 12	19 40 22	24°10'12	8♏ 2	18°30	8°14	6° 7	2°21	12°23	12°51	3°26	11°18	4°14	5°30	25°46	13°14	S 12
M13	19 44 19	25° 7'36	22°26	19°54	9°20	6°44	2°34	12°29	12°55	3°25	11°17	4°12	5°27	25°52	13°11	M13
T 14	19 48 16	26° 5'00	7♐ 0	21°16	10°25	7°22	2°47	12°36	12°58	3°24	11°16	4° 8	5°24	25°59	13° 8	T 14
W15	19 52 12	27° 2'25	21°39	22°37	11°30	7°59	3° 0	12°42	13° 2	3°22	11°14	4° 3	5°21	26° 6	13° 5	W15
T 16	19 56 9	27°59'51	6♑18	23°55	12°34	8°37	3°13	12°48	13° 5	3°21	11°13	3°57	5°17	26°13	13° 2	T 16
F 17	20 0 5	28°57'18	20°49	25°11	13°39	9°14	3°26	12°55	13° 9	3°20	11°12	3°52	5°14	26°19	12°59	F 17
S 18	20 4 2	29°54'46	5♒ 5	26°25	14°43	9°52	3°40	13° 1	13°12	3°19	11°10	3°49	5°11	26°26	12°56	S 18
S 19	20 7 58	0♌52'15	19° 1	27°38	15°47	10°30	3°53	13° 7	13°16	3°17	11° 9	3°46	5° 8	26°33	12°53	S 19
M20	20 11 55	1°49'45	2♓35	28°47	16°51	11° 7	4° 6	13°13	13°19	3°16	11° 8	3°D45	5° 5	26°40	12°50	M20
T 21	20 15 51	2°47'17	15°45	29°55	17°55	11°45	4°19	13°19	13°23	3°15	11° 6	3°46	5° 1	26°46	12°47	T 21
W22	20 19 48	3°44'50	28°34	1♍ 0	18°58	12°23	4°32	13°25	13°26	3°13	11° 5	3°47	4°58	26°53	12°44	W22
T 23	20 23 45	4°42'24	11♈ 2	2° 3	20° 1	13° 1	4°45	13°31	13°30	3°12	11° 4	3°49	4°55	27° 0	12°41	T 23
F 24	20 27 41	5°40'00	23°15	3° 3	21° 4	13°39	4°58	13°37	13°33	3°10	11° 2	3°50	4°52	27° 6	12°38	F 24
S 25	20 31 38	6°37'37	5♉16	4° 0	22° 7	14°17	5°12	13°43	13°37	3° 9	11° 1	3°R51	4°49	27°13	12°35	S 25
S 26	20 35 34	7°35'16	17°11	4°55	23° 9	14°55	5°25	13°48	13°40	3° 8	11° 0	3°51	4°46	27°20	12°32	S 26
M27	20 39 31	8°32'56	29° 3	5°46	24°12	15°33	5°38	13°54	13°44	3° 6	10°59	3°49	4°42	27°27	12°29	M27
T 28	20 43 27	9°30'39	10♊59	6°34	25°13	16°11	5°51	14° 0	13°47	3° 5	10°57	3°46	4°39	27°33	12°26	T 28
W29	20 47 24	10°28'22	23° 0	7°19	26°15	16°50	6° 4	14° 5	13°50	3° 3	10°56	3°43	4°36	27°40	12°23	W29
T 30	20 51 20	11°26'08	5♋12	8° 0	27°16	17°28	6°17	14°11	13°54	3° 2	10°55	3°40	4°33	27°47	12°20	T 30
F 31	20 55 17	12♌23'55	17♋35	8♍38	28♍17	18♍ 6	6♌31	14♊16	13♋57	3♓ 0	10♂54	3♍36	4♍30	27♉53	12♒17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n51	17n41	5s 1	21n37	1n37	14n 5	1n16	12n43	1n 0	20n52	0n37	20n50	1s24	23n24	0n24	11s 8	0s59	24s27	1s24	9n48	9n20	14n 6	10s29	6n34
T 2	22 45	18 48	4 44	21 9	1 33	13 39	1 13	12 29	1 0	20 49	0 37	20 51	1 24	23 24	0 24	11 9	0 59	24 27	1 24	9 51	9 21	14 8	10 30	6 35
F 3	22 39	19 3	4 13	20 40	1 28	13 13	1 10	12 15	0 59	20 46	0 37	20 52	1 24	23 23	0 24	11 9	0 59	24 27	1 24	9 54	9 22	14 9	10 30	6 35
S 4	22 32	18 24	3 30	20 10	1 23	12 47	1 7	12 2	0 59	20 44	0 37	20 53	1 24	23 23	0 24	11 10	0 59	24 27	1 24	9 57	9 23	14 11	10 31	6 35
S 5	22 25	16 50	2 35	19 39	1 17	12 20	1 4	11 48	0 58	20 41	0 37	20 54	1 24	23 23	0 24	11 10	0 59	24 28	1 24	9 59	9 24	14 12	10 31	6 35
M 6	22 17	14 25	1 33	19 8	1 11	11 53	1 0	11 34	0 57	20 38	0 37	20 55	1 24	23 22	0 24	11 10	0 59	24 28	1 24	10 1	9 25	14 14	10 32	6 35
T 7	22 9	11 14	0 24	18 36	1 5	11 26	0 57	11 20	0 57	20 35	0 37	20 56	1 24	23 22	0 24	11 11	0 59	24 28	1 24	10 1	9 27	14 15	10 33	6 36
W 8	22 1	7 28	0n47	18 3	0 58	10 58	0 53	11 6	0 56	20 32	0 37	20 57	1 24	23 22	0 24	11 11	0 59	24 28	1 24	10 1	9 28	14 16	10 33	6 36
T 9	21 52	3 15	1 57	17 29	0 51	10 30	0 49	10 51	0 55	20 30	0 37	20 58	1 24	23 21	0 24	11 12	0 59	24 28	1 24	10 1	9 29	14 18	10 34	6 36
F 10	21 43	1s11	3 2	16 56	0 43	10 2	0 45	10 37	0 55	20 27	0 38	20 58	1 24	23 21	0 24	11 12	0 59	24 29	1 25	10 0	9 30	14 19	10 35	6 36
S 11	21 33	5 39	3 57	16 21	0 35	9 34	0 41	10 23	0 54	20 24	0 38	20 59	1 24	23 21	0 24	11 13	0 59	24 29	1 25	10 0	9 31	14 21	10 35	6 36
S 12	21 23	9 52	4 39	15 47	0 27	9 6	0 37	10 8	0 53	20 21	0 38	21 0	1 24	23 20	0 24	11 13	0 59	24 29	1 25	10 0	9 32	14 22	10 36	6 36
M13	21 13	13 34	5 4	15 13	0 18	8 37	0 33	9 54	0 53	20 18	0 38	21 1	1 24	23 20	0 24	11 13	0 59	24 29	1 25	10 1	9 34	14 24	10 37	6 36
T 14	21 2	16 30	5 10	14 38	0 9	8 9	0 29	9 39	0 52	20 15	0 38	21 2	1 24	23 20	0 24	11 14	0 59	24 29	1 25	10 3	9 35	14 25	10 37	6 36
W15	20 51	18 23	4 56	14 3	0 0	7 40	0 25	9 25	0 52	20 12	0 38	21 2	1 24	23 19	0 24	11 14	0 59	24 30	1 25	10 5	9 36	14 26	10 38	6 37
T 16	20 40	19 2	4 23	13 28	0s 9	7 11	0 20	9 10	0 51	20 9	0 38	21 3	1 24	23 19	0 24	11 15	0 59	24 30	1 25	10 7	9 37	14 28	10 39	6 37
F 17	20 28	18 26	3 33	12 54	0 19	6 42	0 16	8 55	0 50	20 6	0 38	21 4	1 25	23 19	0 24	11 15	0 59	24 30	1 25	10 8	9 38	14 29	10 39	6 37
S 18	20 16	16 40	2 30	12 19	0 29	6 13	0 11	8 40	0 50	20 3	0 38	21 5	1 25	23 18	0 24	11 16	0 59	24 30	1 25	10 10	9 40	14 31	10 40	6 37
S 19	20 4	13 56	1 20	11 45	0 39	5 44	0 6	8 26	0 49	20 0	0 38	21 5	1 25	23 18	0 24	11 16	0 59	24 30	1 25	10 11	9 41	14 32	10 41	6 37
M20	19 51	10 30	0 6	11 11	0 49	5 14	0 1	8 11	0 48	19 57	0 38	21 6	1 25	23 17	0 24	11 17	0 59	24 31	1 25	10 11	9 42	14 33	10 42	6 37
T 21	19 38	6 39	1s 5	10 38	0 59	4 45	0s 4	7 55	0 48	19 54	0 38	21 7	1 25	23 17	0 24	11 17	0 59	24 31	1 25	10 11	9 43	14 35	10 42	6 37
W22	19 25	2 35	2 12	10 5	1 10	4 15	0 9	7 40	0 47	19 51	0 38	21 8	1 25	23 17	0 24	11 18	0 59	24 31	1 25	10 10	9 44	14 36	10 43	6 37
T 23	19 11	1n29	3 10	9 33	1 21	3 46	0 14	7 25	0 46	19 48	0 38	21 8	1 25	23 16	0 24	11 18	0 59	24 31	1 26	10 10	9 45	14 37	10 44	6 37
F 24	18 57	5 23	3 59	9 1	1 31	3 16	0 19	7 10	0 46	19 45	0 39	21 9	1 25	23 16	0 24	11 19	0 59	24 31	1 26	10 9	9 47	14 39	10 45	6 37
S 25	18 43	9 1	4 36	8 30	1 42	2 46	0 24	6 55	0 45	19 41	0 39	21 10	1 25	23 16	0 24	11 20	1 0	24 32	1 26	10 9	9 48	14 40	10 45	6 37
S 26	18 28	12 14	5 1	8 0	1 53	2 17	0 30	6 39	0 45	19 38	0 39	21 10	1 25	23 15	0 24	11 20	1 0	24 32	1 26	10 9	9 49	14 42	10 46	6 37
M27	18 13	14 58	5 13	7 31	2 4	1 47	0 35	6 24	0 44	19 35	0 39	21 11	1 25	23 15	0 24	11 21	1 0	24 32	1 26	10 10	9 50	14 43	10 47	6 37
T 28	17 58	17 4	5 11	7 3	2 15	1 17	0 41	6 8	0 43	19 32	0 39	21 12	1 25	23 15	0 24	11 21	1 0	24 32	1 26	10 11	9 51	14 44	10 48	6 37
W29	17 42	18 27	4 56	6 37	2 26	0 47	0 46	5 53	0 43	19 29	0 39	21 12	1 25	23 14	0 24	11 22	1 0	24 32	1 26	10 12	9 52	14 46	10 49	6 37
T 30	17 26	19 0	4 28	6 11	2 37	0 18	0 52	5 37	0 42	19 26	0 39	21 13	1 25	23 14	0 24	11 22	1 0	24 32	1 26	10 13	9 54	14 47	10 50	6 37
F 31	17n10	18n39	3s46	5n47	2s47	0s12	0s58	5n22	0n41	19n22	0n39	21n13	1s25	23n14	0n24	11s23	1s 0	24s33	1s26	10n14	9n55	14n49	10s50	6n37

Julian Day Number = 2097446.5, Delta T = 22m03s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'36, Lahiri = 10°20'37 Julian Calendar 1 July 1030 == Greg. Calendar 7 July 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

AUGUST 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 59 14	13♌21'43	0♌13	9♍12	29♍18	18♍45	6♌44	14♊21	14♋ 1	2°R59	10°R53	3°R33	4♍27	28♉ 0	12°R14	S 1
S 2	21 3 10	14°19'33	13° 5	9°41	0♎18	19°23	6°57	14°26	14° 4	2♓57	10♑51	3♍31	4°23	28° 7	12♒11	S 2
M 3	21 7 7	15°17'25	26°11	10° 6	1°19	20° 2	7°10	14°32	14° 7	2°55	10°50	3°30	4°20	28°14	12° 8	M 3
T 4	21 11 3	16°15'17	9♍32	10°26	2°18	20°40	7°23	14°37	14°10	2°54	10°49	3°D30	4°17	28°20	12° 5	T 4
W 5	21 15 0	17°13'12	23° 5	10°41	3°18	21°19	7°36	14°42	14°14	2°52	10°48	3°31	4°14	28°27	12° 2	W 5
T 6	21 18 56	18°11'07	6♎50	10°52	4°17	21°58	7°49	14°46	14°17	2°51	10°47	3°32	4°11	28°34	11°59	T 6
F 7	21 22 53	19° 9'04	20°45	10°R56	5°15	22°36	8° 2	14°51	14°20	2°49	10°46	3°33	4° 7	28°41	11°56	F 7
S 8	21 26 49	20° 7'03	4♏48	10°55	6°13	23°15	8°15	14°56	14°23	2°48	10°45	3°34	4° 4	28°47	11°53	S 8
S 9	21 30 46	21° 5'03	18°58	10°48	7°11	23°54	8°28	15° 1	14°26	2°46	10°44	3°R34	4° 1	28°54	11°50	S 9
M10	21 34 42	22° 3'04	3♐13	10°35	8° 9	24°33	8°41	15° 5	14°29	2°44	10°43	3°34	3°58	29° 1	11°47	M10
T 11	21 38 39	23° 1'06	17°30	10°16	9° 6	25°12	8°54	15°10	14°32	2°43	10°42	3°33	3°55	29° 7	11°44	T 11
W12	21 42 36	23°59'10	1♑45	9°50	10° 2	25°51	9° 7	15°14	14°35	2°41	10°41	3°33	3°52	29°14	11°41	W12
T 13	21 46 32	24°57'16	15°56	9°19	10°58	26°30	9°20	15°18	14°38	2°39	10°40	3°31	3°48	29°21	11°38	T 13
F 14	21 50 29	25°55'23	29°58	8°41	11°54	27° 9	9°33	15°23	14°41	2°38	10°39	3°31	3°45	29°28	11°35	F 14
S 15	21 54 25	26°53'31	13♒49	7°58	12°49	27°48	9°46	15°27	14°44	2°36	10°38	3°30	3°42	29°34	11°32	S 15
S 16	21 58 22	27°51'42	27°25	7°10	13°43	28°28	9°59	15°31	14°47	2°35	10°37	3°D30	3°39	29°41	11°29	S 16
M17	22 2 18	28°49'54	10♓44	6°18	14°37	29° 7	10°11	15°35	14°50	2°33	10°36	3°30	3°36	29°48	11°26	M17
T 18	22 6 15	29°48'07	23°45	5°22	15°31	29°46	10°24	15°39	14°53	2°31	10°35	3°30	3°33	29°55	11°23	T 18
W19	22 10 11	0♍46'23	6♈28	4°23	16°24	0♎26	10°37	15°43	14°56	2°30	10°35	3°30	3°29	0♊ 1	11°20	W19
T 20	22 14 8	1°44'41	18°55	3°23	17°16	1° 5	10°50	15°46	14°59	2°28	10°34	3°30	3°26	0° 8	11°18	T 20
F 21	22 18 5	2°43'00	1♉ 8	2°23	18° 7	1°45	11° 2	15°50	15° 1	2°26	10°33	3°31	3°23	0°15	11°15	F 21
S 22	22 22 1	3°41'22	13°10	1°24	18°58	2°25	11°15	15°53	15° 4	2°25	10°32	3°R31	3°20	0°21	11°12	S 22
S 23	22 25 58	4°39'46	25° 5	0°28	19°49	3° 4	11°28	15°57	15° 7	2°23	10°32	3°30	3°17	0°28	11° 9	S 23
M24	22 29 54	5°38'13	6♊58	29♌36	20°38	3°44	11°40	16° 0	15° 9	2°21	10°31	3°D30	3°13	0°35	11° 7	M24
T 25	22 33 51	6°36'41	18°54	28°49	21°27	4°24	11°53	16° 3	15°12	2°20	10°30	3°31	3°10	0°42	11° 4	T 25
W26	22 37 47	7°35'12	0♋56	28° 8	22°15	5° 4	12° 5	16° 6	15°15	2°18	10°30	3°31	3° 7	0°48	11° 1	W26
T 27	22 41 44	8°33'45	13°10	27°35	23° 3	5°43	12°18	16°10	15°17	2°16	10°29	3°31	3° 4	0°55	10°59	T 27
F 28	22 45 40	9°32'20	25°38	27°11	23°49	6°23	12°30	16°12	15°20	2°15	10°28	3°32	3° 1	1° 2	10°56	F 28
S 29	22 49 37	10°30'57	8♌24	26°55	24°35	7° 3	12°42	16°15	15°22	2°13	10°28	3°33	2°58	1° 8	10°54	S 29
S 30	22 53 34	11°29'36	21°30	26°D49	25°20	7°43	12°55	16°18	15°24	2°11	10°27	3°33	2°54	1°15	10°51	S 30
M31	22 57 30	12♍28'17	4♍56	26♌53	26♎ 4	8♎24	13♌ 7	16♊21	15♋27	2♓10	10♑27	3°R33	2♍51	1♊22	10♒49	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n54	17n23	2s53	5n25	2s58	0s42	1s 4	5n 6	0n41	19n19	0n39	21n14	1s25	23n13	0n24	11s23	1s 0	24s33	1s26	10n15	9n56	14n50	10s51	6n37
S 2	16 37	15 13	1 50	5 4	3 8	1 11	1 10	4 50	0 40	19 16	0 39	21 14	1 25	23 13	0 24	11 24	1 0	24 33	1 26	10 16	9 57	14 51	10 52	6 37
M 3	16 20	12 13	0 40	4 46	3 18	1 41	1 16	4 34	0 39	19 13	0 39	21 15	1 25	23 13	0 24	11 25	1 0	24 33	1 26	10 16	9 58	14 53	10 53	6 37
T 4	16 3	8 33	0n33	4 29	3 28	2 10	1 22	4 19	0 39	19 9	0 39	21 15	1 25	23 12	0 24	11 25	1 0	24 33	1 26	10 16	9 59	14 54	10 54	6 37
W 5	15 45	4 23	1 46	4 15	3 37	2 40	1 28	4 3	0 38	19 6	0 40	21 16	1 25	23 12	0 24	11 26	1 0	24 33	1 26	10 16	10 1	14 55	10 55	6 37
T 6	15 27	0s 4	2 54	4 3	3 46	3 9	1 34	3 47	0 38	19 3	0 40	21 16	1 25	23 12	0 24	11 26	1 0	24 34	1 27	10 16	10 2	14 57	10 56	6 37
F 7	15 9	4 33	3 52	3 53	3 54	3 38	1 41	3 31	0 37	19 0	0 40	21 17	1 25	23 12	0 24	11 27	1 0	24 34	1 27	10 15	10 3	14 58	10 57	6 37
S 8	14 51	8 50	4 37	3 47	4 2	4 7	1 47	3 15	0 36	18 56	0 40	21 17	1 26	23 11	0 24	11 28	1 0	24 34	1 27	10 15	10 4	14 59	10 57	6 37
S 9	14 33	12 38	5 6	3 43	4 9	4 36	1 54	2 59	0 36	18 53	0 40	21 18	1 26	23 11	0 24	11 28	1 0	24 34	1 27	10 15	10 5	15 1	10 58	6 37
M10	14 14	15 44	5 16	3 43	4 14	5 5	2 0	2 43	0 35	18 50	0 40	21 18	1 26	23 11	0 24	11 29	1 0	24 34	1 27	10 15	10 6	15 2	10 59	6 37
T 11	13 55	17 52	5 7	3 46	4 19	5 34	2 7	2 27	0 34	18 46	0 40	21 19	1 26	23 10	0 25	11 29	1 0	24 34	1 27	10 15	10 7	15 4	11 0	6 37
W12	13 36	18 54	4 39	3 52	4 22	6 2	2 13	2 10	0 34	18 43	0 40	21 19	1 26	23 10	0 25	11 30	1 0	24 34	1 27	10 16	10 9	15 5	11 1	6 36
T 13	13 16	18 44	3 54	4 2	4 24	6 31	2 20	1 54	0 33	18 40	0 40	21 20	1 26	23 10	0 25	11 31	1 0	24 35	1 27	10 16	10 10	15 6	11 2	6 36
F 14	12 57	17 24	2 55	4 16	4 25	6 59	2 27	1 38	0 32	18 36	0 40	21 20	1 26	23 9	0 25	11 31	1 0	24 35	1 27	10 16	10 11	15 8	11 3	6 36
S 15	12 37	15 3	1 47	4 33	4 24	7 27	2 34	1 22	0 32	18 33	0 41	21 20	1 26	23 9	0 25	11 32	1 0	24 35	1 27	10 17	10 12	15 9	11 4	6 36
S 16	12 17	11 54	0 34	4 53	4 21	7 54	2 41	1 5	0 31	18 29	0 41	21 21	1 26	23 9	0 25	11 32	1 0	24 35	1 27	10 17	10 13	15 10	11 5	6 36
M17	11 56	8 12	0s40	5 17	4 16	8 22	2 48	0 49	0 31	18 26	0 41	21 21	1 26	23 8	0 25	11 33	1 0	24 35	1 27	10 17	10 14	15 12	11 6	6 36
T 18	11 36	4 11	1 50	5 44	4 9	8 49	2 55	0 33	0 30	18 23	0 41	21 21	1 26	23 8	0 25	11 34	1 0	24 35	1 27	10 17	10 16	15 13	11 7	6 36
W19	11 15	0 4	2 53	6 14	4 0	9 16	3 2	0 17	0 29	18 19	0 41	21 22	1 26	23 8	0 25	11 34	1 0	24 35	1 27	10 16	10 17	15 14	11 7	6 35
T 20	10 55	3n58	3 46	6 45	3 49	9 43	3 9	0 0	0 29	18 16	0 41	21 22	1 26	23 8	0 25	11 35	1 0	24 36	1 27	10 16	10 18	15 16	11 8	6 35
F 21	10 34	7 44	4 28	7 19	3 37	10 9	3 16	0s16	0 28	18 13	0 41	21 22	1 26	23 7	0 25	11 35	1 0	24 36	1 27	10 16	10 19	15 17	11 9	6 35
S 22	10 12	11 9	4 57	7 53	3 22	10 35	3 23	0 33	0 27	18 9	0 41	21 23	1 26	23 7	0 25	11 36	1 0	24 36	1 28	10 16	10 20	15 18	11 10	6 35
S 23	9 51	14 4	5 14	8 27	3 6	11 1	3 30	0 49	0 27	18 6	0 42	21 23	1 27	23 7	0 25	11 37	1 0	24 36	1 28	10 16	10 21	15 20	11 11	6 35
M24	9 29	16 23	5 16	9 2	2 49	11 27	3 37	1 5	0 26	18 2	0 42	21 23	1 27	23 6	0 25	11 37	1 0	24 36	1 28	10 16	10 22	15 21	11 12	6 35
T 25	9 8	18 1	5 6	9 35	2 31	11 52	3 44	1 22	0 26	17 59	0 42	21 24	1 27	23 6	0 25	11 38	1 0	24 36	1 28	10 16	10 24	15 22	11 13	6 34
W26	8 46	18 52	4 42	10 7	2 12	12 17	3 51	1 38	0 25	17 56	0 42	21 24	1 27	23 6	0 25	11 39	1 0	24 36	1 28	10 16	10 25	15 24	11 14	6 34
T 27	8 24	18 51	4 4	10 37	1 53	12 42	3 59	1 55	0 24	17 52	0 42	21 24	1 27	23 6	0 25	11 39	1 0	24 36	1 28	10 16	10 26	15 25	11 15	6 34
F 28	8 2	17 56	3 15	11 3	1 33	13 6	4 6	2 11	0 24	17 49	0 42	21 24	1 27	23 5	0 25	11 40	1 0	24 36	1 28	10 16	10 27	15 26	11 16	6 34
S 29	7 40	16 5	2 15	11 27	1 14	13 30	4 13	2 28	0 23	17 45	0 42	21 24	1 27	23 5	0 25	11 40	1 0	24 36	1 28	10 16	10 28	15 27	11 17	6 33
S 30	7 17	13 22	1 6	11 47	0 54	13 53	4 20	2 44	0 22	17 42	0 42	21 25	1 27	23 5	0 25	11 41	1 0	24 37	1 28	10 15	10 29	15 29	11 17	6 33
M31	6n55	9n52	0n 8	12n 3	0s36	14s16	4s28	3s 1	0n22	17n39	0n43	21n25	1s27	23n 5	0n25	11s42	1s 0	24s37	1s28	10n15	10n31	15n30	11s18	6n33

Julian Day Number = 2097477.5, Delta T = 22m02s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'40, Lahiri = 10°20'41 Julian Calendar 1 Aug. 1030 == Greg. Calendar 7 Aug. 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

SEPTEMBER 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 1 27	13♍27'01	18♍40	27♌ 6	26♎47	9♎ 4	13♌19	16♊23	15♋29	2°R 8	10°R26	3°R33	2♍48	1♊29	10°R46	T 1
W 2	23 5 23	14°25'46	2♎41	27°29	27°29	9°44	13°31	16°26	15°31	2♓ 7	10♑26	3♍32	2°45	1°35	10♒44	W 2
T 3	23 9 20	15°24'33	16°54	28° 2	28°10	10°24	13°43	16°28	15°34	2° 5	10°25	3°31	2°42	1°42	10°42	T 3
F 4	23 13 16	16°23'22	1♏15	28°43	28°51	11° 5	13°55	16°30	15°36	2° 3	10°25	3°29	2°38	1°49	10°39	F 4
S 5	23 17 13	17°22'13	15°38	29°33	29°29	11°45	14° 7	16°32	15°38	2° 2	10°25	3°28	2°35	1°56	10°37	S 5
S 6	23 21 9	18°21'06	0♐ 0	0♍30	0♏ 7	12°26	14°19	16°34	15°40	2° 0	10°24	3°26	2°32	2° 2	10°35	S 6
M 7	23 25 6	19°20'00	14°17	1°35	0°44	13° 6	14°31	16°36	15°42	1°59	10°24	3°D26	2°29	2° 9	10°33	M 7
T 8	23 29 3	20°18'57	28°26	2°46	1°19	13°47	14°43	16°38	15°44	1°57	10°24	3°26	2°26	2°16	10°30	T 8
W 9	23 32 59	21°17'55	12♑24	4° 4	1°53	14°27	14°55	16°40	15°46	1°56	10°23	3°27	2°23	2°22	10°28	W 9
T 10	23 36 56	22°16'55	26°12	5°26	2°26	15° 8	15° 7	16°41	15°48	1°54	10°23	3°28	2°19	2°29	10°26	T 10
F 11	23 40 52	23°15'56	9♒48	6°53	2°57	15°49	15°18	16°43	15°50	1°53	10°23	3°29	2°16	2°36	10°24	F 11
S 12	23 44 49	24°15'00	23°12	8°24	3°27	16°30	15°30	16°44	15°52	1°51	10°23	3°30	2°13	2°43	10°22	S 12
S 13	23 48 45	25°14'05	6♓23	9°58	3°55	17°11	15°41	16°45	15°54	1°50	10°23	3°R31	2°10	2°49	10°21	S 13
M14	23 52 42	26°13'12	19°21	11°35	4°22	17°51	15°53	16°46	15°56	1°48	10°23	3°30	2° 7	2°56	10°19	M14
T 15	23 56 38	27°12'21	2♈ 7	13°15	4°47	18°32	16° 4	16°47	15°57	1°47	10°22	3°28	2° 4	3° 3	10°17	T 15
W16	0 0 35	28°11'33	14°39	14°56	5°10	19°13	16°15	16°48	15°59	1°45	10°22	3°24	2° 0	3° 9	10°15	W16
T 17	0 4 31	29°10'46	26°59	16°38	5°32	19°55	16°27	16°49	16° 1	1°44	10°22	3°20	1°57	3°16	10°14	T 17
F 18	0 8 28	0♎10'02	9♉ 8	18°22	5°52	20°36	16°38	16°50	16° 2	1°42	10°D22	3°16	1°54	3°23	10°12	F 18
S 19	0 12 25	1° 9'20	21° 8	20° 6	6°10	21°17	16°49	16°50	16° 4	1°41	10°22	3°11	1°51	3°30	10°10	S 19
S 20	0 16 21	2° 8'41	3♊ 3	21°51	6°26	21°58	17° 0	16°51	16° 5	1°40	10°22	3° 7	1°48	3°36	10° 9	S 20
M21	0 20 18	3° 8'03	14°55	23°36	6°40	22°40	17°11	16°51	16° 7	1°38	10°23	3° 4	1°44	3°43	10° 7	M21
T 22	0 24 14	4° 7'28	26°48	25°21	6°52	23°21	17°22	16°52	16° 8	1°37	10°23	3° 3	1°41	3°50	10° 6	T 22
W23	0 28 11	5° 6'56	8♋48	27° 6	7° 1	24° 2	17°32	16°52	16° 9	1°36	10°23	3°D 3	1°38	3°57	10° 5	W23
T 24	0 32 7	6° 6'26	20°59	28°51	7° 9	24°44	17°43	16°R52	16°11	1°34	10°23	3° 3	1°35	4° 3	10° 3	T 24
F 25	0 36 4	7° 5'58	3♌27	0♎36	7°14	25°25	17°54	16°52	16°12	1°33	10°23	3° 5	1°32	4°10	10° 2	F 25
S 26	0 40 0	8° 5'32	16°14	2°20	7°18	26° 7	18° 4	16°51	16°13	1°32	10°23	3° 7	1°29	4°17	10° 1	S 26
S 27	0 43 57	9° 5'09	29°25	4° 4	7°R19	26°49	18°15	16°51	16°14	1°30	10°24	3°R 8	1°25	4°23	10° 0	S 27
M28	0 47 54	10° 4'48	13♍ 1	5°48	7°17	27°31	18°25	16°51	16°15	1°29	10°24	3° 7	1°22	4°30	9°59	M28
T 29	0 51 50	11° 4'29	27° 2	7°31	7°13	28°12	18°35	16°50	16°16	1°28	10°24	3° 5	1°19	4°37	9°58	T 29
W30	0 55 47	12♎ 4'12	11♎26	9♎13	7♏ 7	28♎54	18♌45	16♊50	16♋17	1♓27	10♑25	3♍ 1	1♍16	4♊44	9♒57	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n32	5n46	1n23	12n16	0s18	14s38	4s35	3s17	0n21	17n35	0n43	21n25	1s27	23n 4	0n25	11s42	1s 0	24s37	1s28	10n15	10n32	15n31	11s19	6n33
W 2	6 10	1 17	2 34	12 24	0 1	15 1	4 42	3 34	0 20	17 32	0 43	21 25	1 27	23 4	0 25	11 43	1 0	24 37	1 28	10 16	10 33	15 33	11 20	6 32
T 3	5 47	3s20	3 37	12 28	0n15	15 22	4 49	3 50	0 20	17 29	0 43	21 25	1 27	23 4	0 25	11 43	1 0	24 37	1 28	10 16	10 34	15 34	11 21	6 32
F 4	5 24	7 47	4 27	12 27	0 30	15 43	4 56	4 7	0 19	17 25	0 43	21 25	1 27	23 4	0 25	11 44	1 0	24 37	1 28	10 17	10 35	15 35	11 22	6 32
S 5	5 1	11 48	5 1	12 22	0 44	16 4	5 3	4 23	0 19	17 22	0 43	21 26	1 28	23 3	0 25	11 44	1 0	24 37	1 28	10 17	10 36	15 37	11 23	6 32
S 6	4 38	15 7	5 15	12 14	0 56	16 24	5 10	4 40	0 18	17 19	0 43	21 26	1 28	23 3	0 25	11 45	1 0	24 37	1 28	10 18	10 37	15 38	11 24	6 31
M 7	4 15	17 30	5 10	12 1	1 7	16 44	5 17	4 56	0 17	17 15	0 43	21 26	1 28	23 3	0 25	11 46	1 0	24 37	1 28	10 18	10 39	15 39	11 24	6 31
T 8	3 51	18 47	4 46	11 44	1 17	17 3	5 24	5 12	0 17	17 12	0 44	21 26	1 28	23 3	0 25	11 46	1 0	24 37	1 28	10 18	10 40	15 41	11 25	6 31
W 9	3 28	18 54	4 6	11 24	1 26	17 21	5 31	5 29	0 16	17 8	0 44	21 26	1 28	23 3	0 25	11 47	1 0	24 37	1 28	10 18	10 41	15 42	11 26	6 30
T 10	3 5	17 53	3 11	11 1	1 33	17 39	5 38	5 45	0 15	17 5	0 44	21 26	1 28	23 2	0 25	11 47	1 0	24 37	1 29	10 17	10 42	15 43	11 27	6 30
F 11	2 41	15 51	2 7	10 34	1 40	17 57	5 45	6 2	0 15	17 2	0 44	21 26	1 28	23 2	0 25	11 48	1 0	24 38	1 29	10 17	10 43	15 44	11 28	6 30
S 12	2 18	12 58	0 57	10 5	1 45	18 13	5 51	6 18	0 14	16 59	0 44	21 26	1 28	23 2	0 25	11 48	1 0	24 38	1 29	10 16	10 44	15 46	11 29	6 30
S 13	1 54	9 28	0s16	9 33	1 49	18 29	5 58	6 34	0 14	16 55	0 44	21 26	1 28	23 2	0 25	11 49	1 0	24 38	1 29	10 16	10 45	15 47	11 29	6 29
M14	1 31	5 33	1 26	8 58	1 52	18 44	6 4	6 51	0 13	16 52	0 45	21 26	1 28	23 2	0 25	11 49	1 0	24 38	1 29	10 17	10 47	15 48	11 30	6 29
T 15	1 7	1 28	2 31	8 22	1 54	18 59	6 10	7 7	0 12	16 49	0 45	21 26	1 28	23 1	0 25	11 50	1 0	24 38	1 29	10 17	10 48	15 50	11 31	6 29
W16	0 43	2n37	3 27	7 44	1 55	19 12	6 16	7 23	0 12	16 45	0 45	21 26	1 28	23 1	0 25	11 50	1 0	24 38	1 29	10 18	10 49	15 51	11 32	6 28
T 17	0 20	6 32	4 12	7 4	1 55	19 25	6 22	7 39	0 11	16 42	0 45	21 26	1 28	23 1	0 25	11 51	1 0	24 38	1 29	10 20	10 50	15 52	11 32	6 28
F 18	0s 4	10 6	4 46	6 23	1 55	19 37	6 27	7 55	0 10	16 39	0 45	21 26	1 29	23 1	0 26	11 51	1 0	24 38	1 29	10 22	10 51	15 53	11 33	6 28
S 19	0 28	13 13	5 6	5 41	1 54	19 48	6 33	8 12	0 10	16 36	0 45	21 26	1 29	23 1	0 26	11 52	1 0	24 38	1 29	10 23	10 52	15 55	11 34	6 27
S 20	0 51	15 46	5 13	4 58	1 52	19 59	6 38	8 28	0 9	16 33	0 45	21 26	1 29	23 1	0 26	11 52	1 0	24 38	1 29	10 25	10 53	15 56	11 35	6 27
M21	1 15	17 38	5 6	4 14	1 50	20 8	6 43	8 44	0 8	16 29	0 46	21 26	1 29	23 1	0 26	11 53	1 0	24 38	1 29	10 26	10 55	15 57	11 35	6 26
T 22	1 39	18 45	4 46	3 29	1 47	20 16	6 47	9 0	0 8	16 26	0 46	21 26	1 29	23 0	0 26	11 53	1 0	24 38	1 29	10 26	10 56	15 58	11 36	6 26
W23	2 3	19 3	4 14	2 44	1 43	20 24	6 52	9 16	0 7	16 23	0 46	21 26	1 29	23 0	0 26	11 54	1 0	24 38	1 29	10 26	10 57	16 0	11 37	6 26
T 24	2 26	18 28	3 30	1 59	1 40	20 30	6 56	9 32	0 7	16 20	0 46	21 26	1 29	23 0	0 26	11 54	1 0	24 38	1 29	10 26	10 58	16 1	11 38	6 25
F 25	2 50	16 58	2 35	1 13	1 36	20 35	6 59	9 47	0 6	16 17	0 46	21 26	1 29	23 0	0 26	11 55	1 0	24 38	1 29	10 26	10 59	16 2	11 38	6 25
S 26	3 14	14 36	1 31	0 27	1 31	20 39	7 2	10 3	0 5	16 14	0 46	21 26	1 29	23 0	0 26	11 55	1 0	24 38	1 29	10 25	11 0	16 3	11 39	6 25
S 27	3 37	11 25	0 20	0s19	1 26	20 42	7 5	10 19	0 5	16 11	0 47	21 26	1 29	23 0	0 26	11 56	1 0	24 38	1 29	10 25	11 1	16 5	11 40	6 24
M28	4 1	7 32	0n54	1 4	1 21	20 44	7 7	10 35	0 4	16 8	0 47	21 26	1 29	23 0	0 26	11 56	1 0	24 38	1 29	10 25	11 3	16 6	11 40	6 24
T 29	4 24	3 7	2 6	1 50	1 16	20 44	7 9	10 50	0 3	16 5	0 47	21 26	1 29	23 0	0 26	11 56	1 0	24 38	1 29	10 25	11 4	16 7	11 41	6 24
W30	4s48	1s35	3n13	2s36	1n10	20s43	7s10	11s 6	0n 3	16n 2	0n47	21n25	1s29	23n 0	0n26	11s57	1s 0	24s38	1s29	10n27	11n 5	16n 8	11s41	6n23

Julian Day Number = 2097508.5, Delta T = 22m02s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'45, Lahiri = 10°20'45 Julian Calendar 1 Sept. 1030 == Greg. Calendar 7 Sept. 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

OCTOBER 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 59 43	13♎ 3'57	26♎ 6	10♎55	6°R58	29♎36	18♌56	16°R49	16♋18	1°R26	10♑25	2°R56	1♍13	4♊50	9°R56	T 1
F 2	1 3 40	14° 3'44	10♏55	12°37	6♏47	0♏18	19° 5	16♊48	16°19	1♓25	10°25	2♍49	1° 9	4°57	9♒55	F 2
S 3	1 7 36	15° 3'33	25°46	14°17	6°34	1° 0	19°15	16°47	16°20	1°24	10°26	2°43	1° 6	5° 4	9°54	S 3
S 4	1 11 33	16° 3'24	10♐29	15°57	6°18	1°42	19°25	16°46	16°20	1°22	10°26	2°37	1° 3	5°11	9°54	S 4
M 5	1 15 29	17° 3'17	25° 0	17°37	6° 0	2°24	19°35	16°45	16°21	1°21	10°27	2°33	1° 0	5°17	9°53	M 5
T 6	1 19 26	18° 3'11	9♑13	19°16	5°39	3° 7	19°44	16°43	16°22	1°20	10°27	2°31	0°57	5°24	9°52	T 6
W 7	1 23 23	19° 3'07	23° 7	20°55	5°17	3°49	19°54	16°42	16°22	1°19	10°28	2°D31	0°54	5°31	9°52	W 7
T 8	1 27 19	20° 3'05	6♒42	22°33	4°52	4°31	20° 3	16°40	16°23	1°18	10°29	2°32	0°50	5°37	9°51	T 8
F 9	1 31 16	21° 3'04	20° 1	24°10	4°25	5°14	20°12	16°39	16°23	1°17	10°29	2°33	0°47	5°44	9°51	F 9
S 10	1 35 12	22° 3'05	3♓ 3	25°47	3°56	5°56	20°21	16°37	16°24	1°17	10°30	2°R34	0°44	5°51	9°51	S 10
S 11	1 39 9	23° 3'08	15°53	27°23	3°26	6°39	20°30	16°35	16°24	1°16	10°30	2°33	0°41	5°58	9°50	S 11
M12	1 43 5	24° 3'12	28°30	28°59	2°54	7°21	20°39	16°33	16°24	1°15	10°31	2°30	0°38	6° 4	9°50	M12
T 13	1 47 2	25° 3'18	10♈58	0♏35	2°21	8° 4	20°48	16°31	16°25	1°14	10°32	2°24	0°35	6°11	9°50	T 13
W14	1 50 58	26° 3'26	23°17	2°10	1°46	8°46	20°57	16°29	16°25	1°13	10°33	2°16	0°31	6°18	9°50	W14
T 15	1 54 55	27° 3'36	5♉27	3°45	1°11	9°29	21° 5	16°27	16°25	1°12	10°33	2° 6	0°28	6°24	9°D50	T 15
F 16	1 58 51	28° 3'48	17°30	5°19	0°35	10°12	21°14	16°24	16°25	1°12	10°34	1°55	0°25	6°31	9°50	F 16
S 17	2 2 48	29° 4'01	29°27	6°53	29♎59	10°55	21°22	16°22	16°R25	1°11	10°35	1°44	0°22	6°38	9°50	S 17
S 18	2 6 45	0♏ 4'17	11♊20	8°26	29°22	11°38	21°30	16°19	16°25	1°10	10°36	1°33	0°19	6°45	9°50	S 18
M19	2 10 41	1° 4'34	23°10	9°59	28°46	12°21	21°38	16°17	16°25	1°10	10°37	1°25	0°15	6°51	9°51	M19
T 20	2 14 38	2° 4'54	5♋ 2	11°32	28° 9	13° 4	21°46	16°14	16°25	1° 9	10°38	1°19	0°12	6°58	9°51	T 20
W21	2 18 34	3° 5'15	17° 0	13° 4	27°34	13°47	21°54	16°11	16°25	1° 8	10°39	1°15	0° 9	7° 5	9°51	W21
T 22	2 22 31	4° 5'39	29° 7	14°36	26°59	14°30	22° 1	16° 8	16°25	1° 8	10°40	1°D13	0° 6	7°12	9°52	T 22
F 23	2 26 27	5° 6'04	11♌29	16° 8	26°25	15°13	22° 9	16° 5	16°24	1° 7	10°41	1°13	0° 3	7°18	9°52	F 23
S 24	2 30 24	6° 6'31	24°11	17°40	25°53	15°56	22°16	16° 2	16°24	1° 7	10°42	1°14	29♌59	7°25	9°53	S 24
S 25	2 34 20	7° 7'01	7♍17	19°11	25°22	16°39	22°23	15°59	16°23	1° 6	10°43	1°R14	29°56	7°32	9°53	S 25
M26	2 38 17	8° 7'32	20°52	20°42	24°53	17°23	22°31	15°55	16°23	1° 6	10°44	1°12	29°53	7°38	9°54	M26
T 27	2 42 14	9° 8'05	4♎56	22°12	24°26	18° 6	22°37	15°52	16°23	1° 6	10°45	1° 8	29°50	7°45	9°55	T 27
W28	2 46 10	10° 8'40	19°28	23°42	24° 0	18°50	22°44	15°49	16°22	1° 5	10°46	1° 1	29°47	7°52	9°56	W28
T 29	2 50 7	11° 9'16	4♏24	25°12	23°37	19°33	22°51	15°45	16°21	1° 5	10°47	0°52	29°44	7°59	9°57	T 29
F 30	2 54 3	12° 9'54	19°34	26°41	23°16	20°17	22°57	15°41	16°21	1° 5	10°48	0°42	29°41	8° 5	9°58	F 30
S 31	2 58 0	13♏10'34	4♐48	28♏11	22♎57	21♏ 0	23♌ 4	15♊38	16♋20	1♓ 4	10♑50	0♍31	29♌37	8♊12	9♒59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s11	6s17	4n 8	3s21	1n 4	20s41	7s11	11s21	0n 2	15n59	0n47	21n25	1s30	22n59	0n26	11s57	1s 0	24s38	1s29	10n29	11n 6	16n10	11s42	6n23
F 2	5 34	10 38	4 47	4 7	0 58	20 37	7 11	11 37	0 2	15 56	0 48	21 25	1 30	22 59	0 26	11 58	1 0	24 38	1 30	10 31	11 7	16 11	11 43	6 22
S 3	5 58	14 20	5 7	4 52	0 52	20 32	7 11	11 52	0 1	15 53	0 48	21 25	1 30	22 59	0 26	11 58	1 0	24 38	1 30	10 34	11 8	16 12	11 43	6 22
S 4	6 21	17 5	5 6	5 36	0 46	20 26	7 10	12 7	0 0	15 50	0 48	21 25	1 30	22 59	0 26	11 58	1 0	24 38	1 30	10 36	11 9	16 13	11 44	6 22
M 5	6 44	18 43	4 46	6 20	0 40	20 18	7 8	12 23	0s 0	15 47	0 48	21 25	1 30	22 59	0 26	11 59	1 0	24 38	1 30	10 37	11 11	16 15	11 44	6 21
T 6	7 7	19 7	4 8	7 4	0 33	20 8	7 5	12 38	0 1	15 44	0 48	21 24	1 30	22 59	0 26	11 59	1 0	24 38	1 30	10 38	11 12	16 16	11 45	6 21
W 7	7 30	18 20	3 17	7 48	0 27	19 58	7 2	12 53	0 2	15 41	0 49	21 24	1 30	22 59	0 26	11 59	1 0	24 38	1 30	10 38	11 13	16 17	11 45	6 20
T 8	7 53	16 31	2 15	8 30	0 20	19 45	6 58	13 8	0 2	15 39	0 49	21 24	1 30	22 59	0 26	12 0	1 0	24 38	1 30	10 37	11 14	16 18	11 46	6 20
F 9	8 15	13 49	1 7	9 13	0 13	19 31	6 53	13 23	0 3	15 36	0 49	21 24	1 30	22 59	0 26	12 0	1 0	24 38	1 30	10 37	11 15	16 19	11 46	6 20
S 10	8 38	10 29	0s 3	9 55	0 7	19 16	6 48	13 37	0 3	15 33	0 49	21 24	1 30	22 59	0 26	12 0	1 0	24 38	1 30	10 37	11 16	16 21	11 47	6 19
S 11	9 0	6 41	1 11	10 36	0s 0	19 0	6 41	13 52	0 4	15 30	0 49	21 23	1 30	22 59	0 26	12 1	1 0	24 38	1 30	10 37	11 17	16 22	11 47	6 19
M12	9 23	2 39	2 15	11 17	0 7	18 42	6 34	14 7	0 5	15 28	0 50	21 23	1 30	22 59	0 26	12 1	1 0	24 38	1 30	10 38	11 18	16 23	11 48	6 18
T 13	9 45	1n26	3 11	11 57	0 13	18 22	6 26	14 21	0 5	15 25	0 50	21 23	1 30	22 59	0 26	12 1	1 0	24 38	1 30	10 40	11 20	16 24	11 48	6 18
W14	10 7	5 25	3 57	12 36	0 20	18 2	6 17	14 36	0 6	15 23	0 50	21 23	1 30	22 59	0 26	12 2	1 0	24 38	1 30	10 43	11 21	16 26	11 49	6 18
T 15	10 29	9 8	4 32	13 15	0 27	17 40	6 7	14 50	0 7	15 20	0 50	21 22	1 30	22 59	0 26	12 2	1 0	24 38	1 30	10 47	11 22	16 27	11 49	6 17
F 16	10 50	12 26	4 55	13 53	0 33	17 18	5 57	15 4	0 7	15 18	0 50	21 22	1 30	22 59	0 26	12 2	1 0	24 38	1 30	10 51	11 23	16 28	11 49	6 17
S 17	11 12	15 11	5 4	14 30	0 40	16 54	5 46	15 18	0 8	15 15	0 51	21 22	1 30	22 59	0 26	12 2	1 0	24 38	1 30	10 55	11 24	16 29	11 50	6 16
S 18	11 33	17 18	5 0	15 7	0 46	16 30	5 34	15 32	0 8	15 13	0 51	21 21	1 30	22 59	0 26	12 2	1 0	24 38	1 30	10 59	11 25	16 30	11 50	6 16
M19	11 54	18 41	4 43	15 43	0 53	16 5	5 22	15 46	0 9	15 10	0 51	21 21	1 31	22 59	0 27	12 3	1 0	24 38	1 30	11 2	11 26	16 32	11 50	6 15
T 20	12 16	19 15	4 14	16 18	0 59	15 40	5 9	16 0	0 10	15 8	0 51	21 21	1 31	22 59	0 27	12 3	1 0	24 38	1 30	11 4	11 27	16 33	11 51	6 15
W21	12 36	18 57	3 33	16 53	1 5	15 15	4 55	16 13	0 10	15 6	0 51	21 20	1 31	22 59	0 27	12 3	1 0	24 38	1 30	11 5	11 29	16 34	11 51	6 15
T 22	12 57	17 48	2 42	17 26	1 11	14 49	4 41	16 27	0 11	15 3	0 52	21 20	1 31	22 59	0 27	12 3	1 0	24 38	1 30	11 6	11 30	16 35	11 51	6 14
F 23	13 17	15 46	1 43	17 59	1 17	14 23	4 27	16 40	0 12	15 1	0 52	21 20	1 31	22 59	0 27	12 3	1 0	24 38	1 30	11 6	11 31	16 36	11 52	6 14
S 24	13 38	12 56	0 38	18 31	1 23	13 58	4 12	16 53	0 12	14 59	0 52	21 19	1 31	22 59	0 27	12 4	0 59	24 38	1 31	11 6	11 32	16 38	11 52	6 13
S 25	13 58	9 23	0n32	19 2	1 29	13 32	3 57	17 6	0 13	14 57	0 52	21 19	1 31	23 0	0 27	12 4	0 59	24 38	1 31	11 6	11 33	16 39	11 52	6 13
M26	14 17	5 12	1 42	19 32	1 34	13 7	3 42	17 19	0 13	14 55	0 53	21 19	1 31	23 0	0 27	12 4	0 59	24 38	1 31	11 6	11 34	16 40	11 52	6 13
T 27	14 37	0 37	2 49	20 1	1 39	12 43	3 27	17 32	0 14	14 52	0 53	21 18	1 31	23 0	0 27	12 4	0 59	24 38	1 31	11 8	11 35	16 41	11 52	6 12
W28	14 56	4s10	3 47	20 29	1 44	12 19	3 11	17 45	0 15	14 50	0 53	21 18	1 31	23 0	0 27	12 4	0 59	24 38	1 31	11 10	11 36	16 42	11 53	6 12
T 29	15 15	8 48	4 30	20 56	1 49	11 56	2 56	17 57	0 15	14 48	0 53	21 18	1 31	23 0	0 27	12 4	0 59	24 38	1 31	11 13	11 38	16 43	11 53	6 11
F 30	15 34	12 58	4 56	21 22	1 54	11 34	2 40	18 10	0 16	14 47	0 53	21 17	1 31	23 0	0 27	12 4	0 59	24 38	1 31	11 17	11 39	16 45	11 53	6 11
S 31	15s52	16s17	5n 1	21s47	1s58	11s12	2s25	18s22	0s16	14n45	0n54	21n17	1s31	23n 0	0n27	12s 4	0s59	24s38	1s31	11n21	11n40	16n46	11s53	6n11

Julian Day Number = 2097538.5, Delta T = 22m01s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'49, Lahiri = 10°20'49 Julian Calendar 1 Oct. 1030 == Greg. Calendar 7 Oct. 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

NOVEMBER 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 1 56	14♏11'15	19♐55	29♏39	22°R40	21♏44	23♌10	15°R34	16°R19	1°R 4	10♑51	0°R21	29♌34	8♊19	10♒ 0	S 1
M 2	3 5 53	15°11'57	4♑45	1♐ 7	22♎26	22°28	23°16	15♊30	16♋18	1♓ 4	10°52	0♍13	29°31	8°25	10° 1	M 2
T 3	3 9 49	16°12'40	19°13	2°35	22°14	23°12	23°22	15°26	16°17	1° 4	10°53	0° 8	29°28	8°32	10° 2	T 3
W 4	3 13 46	17°13'25	3♒15	4° 2	22° 5	23°55	23°28	15°22	16°17	1° 4	10°55	0° 6	29°25	8°39	10° 3	W 4
T 5	3 17 43	18°14'10	16°51	5°29	21°58	24°39	23°33	15°18	16°16	1° 4	10°56	0°D 5	29°21	8°46	10° 5	T 5
F 6	3 21 39	19°14'57	0♓ 4	6°55	21°54	25°23	23°39	15°14	16°15	1° 4	10°57	0°R 5	29°18	8°52	10° 6	F 6
S 7	3 25 36	20°15'45	12°57	8°20	21°D52	26° 7	23°44	15°10	16°13	1°D 4	10°59	0° 4	29°15	8°59	10° 7	S 7
S 8	3 29 32	21°16'33	25°33	9°44	21°53	26°51	23°49	15° 5	16°12	1° 4	11° 0	0° 2	29°12	9° 6	10° 9	S 8
M 9	3 33 29	22°17'23	7♈57	11° 8	21°56	27°35	23°54	15° 1	16°11	1° 4	11° 2	29♌57	29° 9	9°13	10°10	M 9
T 10	3 37 25	23°18'13	20°10	12°30	22° 1	28°20	23°59	14°57	16°10	1° 4	11° 3	29°49	29° 6	9°19	10°12	T 10
W11	3 41 22	24°19'05	2♉17	13°51	22° 9	29° 4	24° 3	14°52	16° 9	1° 4	11° 5	29°38	29° 2	9°26	10°14	W11
T 12	3 45 18	25°19'58	14°18	15°10	22°19	29°48	24° 8	14°48	16° 7	1° 4	11° 6	29°25	28°59	9°33	10°15	T 12
F 13	3 49 15	26°20'51	26°14	16°27	22°31	0♐32	24°12	14°43	16° 6	1° 4	11° 8	29°10	28°56	9°39	10°17	F 13
S 14	3 53 12	27°21'46	8♊ 8	17°43	22°45	1°17	24°16	14°39	16° 5	1° 4	11° 9	28°55	28°53	9°46	10°19	S 14
S 15	3 57 8	28°22'42	20° 0	18°56	23° 2	2° 1	24°20	14°34	16° 3	1° 5	11°11	28°41	28°50	9°53	10°21	S 15
M16	4 1 5	29°23'40	1♋52	20° 6	23°20	2°46	24°24	14°29	16° 2	1° 5	11°12	28°28	28°47	10° 0	10°23	M16
T 17	4 5 1	0♐24'38	13°45	21°13	23°41	3°30	24°27	14°25	16° 0	1° 5	11°14	28°19	28°43	10° 6	10°25	T 17
W18	4 8 58	1°25'37	25°43	22°17	24° 3	4°15	24°31	14°20	15°58	1° 6	11°15	28°13	28°40	10°13	10°27	W18
T 19	4 12 54	2°26'38	7♌50	23°17	24°27	4°59	24°34	14°15	15°57	1° 6	11°17	28° 9	28°37	10°20	10°29	T 19
F 20	4 16 51	3°27'40	20° 9	24°11	24°54	5°44	24°37	14°10	15°55	1° 7	11°19	28° 8	28°34	10°26	10°31	F 20
S 21	4 20 47	4°28'43	2♍46	25° 1	25°21	6°29	24°40	14° 5	15°53	1° 7	11°20	28° 8	28°31	10°33	10°34	S 21
S 22	4 24 44	5°29'46	15°45	25°44	25°51	7°13	24°42	14° 0	15°52	1° 8	11°22	28° 8	28°27	10°40	10°36	S 22
M23	4 28 41	6°30'51	29°11	26°20	26°22	7°58	24°45	13°56	15°50	1° 8	11°24	28° 6	28°24	10°47	10°38	M23
T 24	4 32 37	7°31'57	13♎ 6	26°48	26°55	8°43	24°47	13°51	15°48	1° 9	11°25	28° 2	28°21	10°53	10°41	T 24
W25	4 36 34	8°33'04	27°31	27° 8	27°29	9°28	24°49	13°46	15°46	1° 9	11°27	27°56	28°18	11° 0	10°43	W25
T 26	4 40 30	9°34'12	12♏22	27°R18	28° 4	10°13	24°51	13°41	15°44	1°10	11°29	27°46	28°15	11° 7	10°46	T 26
F 27	4 44 27	10°35'21	27°34	27°18	28°41	10°58	24°53	13°36	15°42	1°11	11°30	27°35	28°12	11°14	10°48	F 27
S 28	4 48 23	11°36'30	12♐56	27° 6	29°19	11°43	24°54	13°31	15°40	1°11	11°32	27°24	28° 8	11°20	10°51	S 28
S 29	4 52 20	12°37'41	28°15	26°43	29°59	12°28	24°55	13°26	15°38	1°12	11°34	27°14	28° 5	11°27	10°53	S 29
M30	4 56 16	13♐38'51	13♑21	26♐ 8	0♏39	13♐13	24♌57	13♊21	15♋36	1♓13	11♑36	27♌ 5	28♌ 2	11♊34	10♒56	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s11	18s27	4n44	22s11	2s 3	10s52	2s10	18s34	0s17	14n43	0n54	21n16	1s31	23n 0	0n27	12s 4	0s59	24s38	1s31	11n24	11n41	16n47	11s53	6n10
M 2	16 29	19 20	4 9	22 33	2 7	10 33	1 55	18 46	0 18	14 41	0 54	21 16	1 31	23 0	0 27	12 4	0 59	24 38	1 31	11 27	11 42	16 48	11 53	6 10
T 3	16 46	18 54	3 18	22 55	2 10	10 15	1 40	18 58	0 18	14 39	0 54	21 15	1 31	23 1	0 27	12 4	0 59	24 38	1 31	11 29	11 43	16 49	11 53	6 9
W 4	17 4	17 19	2 17	23 15	2 14	9 58	1 26	19 9	0 19	14 38	0 55	21 15	1 31	23 1	0 27	12 4	0 59	24 37	1 31	11 30	11 44	16 50	11 53	6 9
T 5	17 21	14 46	1 9	23 34	2 17	9 42	1 11	19 21	0 19	14 36	0 55	21 15	1 31	23 1	0 27	12 4	0 59	24 37	1 31	11 30	11 45	16 52	11 53	6 9
F 6	17 38	11 30	0 0	23 52	2 19	9 28	0 57	19 32	0 20	14 35	0 55	21 14	1 31	23 1	0 27	12 4	0 59	24 37	1 31	11 30	11 46	16 53	11 54	6 8
S 7	17 54	7 46	1s 8	24 8	2 21	9 14	0 44	19 43	0 21	14 33	0 55	21 14	1 31	23 1	0 27	12 4	0 59	24 37	1 31	11 30	11 48	16 54	11 54	6 8
S 8	18 10	3 46	2 10	24 23	2 23	9 2	0 30	19 54	0 21	14 32	0 56	21 13	1 31	23 1	0 27	12 4	0 59	24 37	1 31	11 31	11 49	16 55	11 54	6 7
M 9	18 26	0n20	3 6	24 37	2 24	8 51	0 18	20 5	0 22	14 30	0 56	21 13	1 31	23 2	0 27	12 4	0 59	24 37	1 31	11 33	11 50	16 56	11 53	6 7
T 10	18 42	4 21	3 52	24 49	2 25	8 42	0 5	20 15	0 23	14 29	0 56	21 12	1 31	23 2	0 27	12 4	0 59	24 37	1 31	11 36	11 51	16 57	11 53	6 7
W11	18 57	8 9	4 26	24 59	2 26	8 33	0n 7	20 26	0 23	14 27	0 56	21 12	1 31	23 2	0 27	12 4	0 59	24 37	1 31	11 39	11 52	16 58	11 53	6 6
T 12	19 12	11 36	4 49	25 8	2 25	8 26	0 19	20 36	0 24	14 26	0 57	21 11	1 31	23 2	0 27	12 4	0 59	24 37	1 32	11 44	11 53	17 0	11 53	6 6
F 13	19 26	14 34	4 59	25 16	2 25	8 20	0 30	20 46	0 24	14 25	0 57	21 11	1 31	23 2	0 27	12 4	0 59	24 37	1 32	11 49	11 54	17 1	11 53	6 5
S 14	19 40	16 55	4 55	25 22	2 23	8 15	0 41	20 56	0 25	14 24	0 57	21 10	1 31	23 2	0 27	12 4	0 59	24 37	1 32	11 55	11 55	17 2	11 53	6 5
S 15	19 54	18 33	4 39	25 26	2 21	8 12	0 52	21 5	0 25	14 23	0 57	21 10	1 31	23 3	0 27	12 4	0 59	24 37	1 32	12 0	11 56	17 3	11 53	6 5
M16	20 7	19 22	4 11	25 29	2 18	8 9	1 2	21 15	0 26	14 22	0 58	21 9	1 30	23 3	0 27	12 4	0 59	24 37	1 32	12 4	11 58	17 4	11 53	6 4
T 17	20 21	19 21	3 31	25 30	2 14	8 8	1 12	21 24	0 27	14 21	0 58	21 9	1 30	23 3	0 27	12 4	0 59	24 37	1 32	12 7	11 59	17 5	11 53	6 4
W18	20 33	18 27	2 42	25 29	2 9	8 7	1 21	21 33	0 27	14 20	0 58	21 8	1 30	23 3	0 27	12 3	0 59	24 37	1 32	12 9	12 0	17 6	11 52	6 4
T 19	20 45	16 43	1 45	25 27	2 4	8 8	1 30	21 42	0 28	14 19	0 59	21 8	1 30	23 4	0 27	12 3	0 59	24 36	1 32	12 11	12 1	17 8	11 52	6 3
F 20	20 57	14 10	0 42	25 23	1 57	8 9	1 39	21 50	0 28	14 18	0 59	21 7	1 30	23 4	0 27	12 3	0 59	24 36	1 32	12 11	12 2	17 9	11 52	6 3
S 21	21 9	10 55	0n24	25 17	1 49	8 12	1 47	21 59	0 29	14 18	0 59	21 7	1 30	23 4	0 27	12 3	0 59	24 36	1 32	12 11	12 3	17 10	11 52	6 2
S 22	21 20	7 3	1 32	25 9	1 40	8 15	1 55	22 7	0 30	14 17	0 59	21 6	1 30	23 4	0 28	12 3	0 59	24 36	1 32	12 11	12 4	17 11	11 51	6 2
M23	21 30	2 43	2 36	25 0	1 30	8 19	2 3	22 15	0 30	14 17	1 0	21 6	1 30	23 4	0 28	12 2	0 59	24 36	1 32	12 12	12 5	17 12	11 51	6 2
T 24	21 41	1s55	3 34	24 49	1 18	8 24	2 10	22 22	0 31	14 16	1 0	21 5	1 30	23 5	0 28	12 2	0 59	24 36	1 32	12 13	12 6	17 13	11 51	6 1
W25	21 51	6 36	4 20	24 37	1 5	8 30	2 17	22 30	0 31	14 16	1 0	21 5	1 30	23 5	0 28	12 2	0 59	24 36	1 32	12 15	12 8	17 14	11 51	6 1
T 26	22 0	11 1	4 50	24 23	0 51	8 37	2 23	22 37	0 32	14 15	1 0	21 4	1 30	23 5	0 28	12 2	0 59	24 36	1 32	12 18	12 9	17 15	11 50	6 1
F 27	22 9	14 50	5 1	24 7	0 35	8 44	2 29	22 44	0 32	14 15	1 1	21 4	1 30	23 5	0 28	12 2	0 59	24 36	1 32	12 22	12 10	17 16	11 50	6 0
S 28	22 18	17 40	4 50	23 50	0 18	8 52	2 35	22 51	0 33	14 15	1 1	21 3	1 30	23 6	0 28	12 1	0 59	24 36	1 32	12 26	12 11	17 17	11 49	6 0
S 29	22 26	19 15	4 18	23 31	0 0	9 1	2 41	22 58	0 34	14 14	1 1	21 3	1 30	23 6	0 28	12 1	0 59	24 36	1 33	12 30	12 12	17 19	11 49	6 0
M30	22s33	19s25	3n29	23s11	0n19	9s10	2n46	23s 4	0s34	14n14	1n 1	21n 2	1s29	23n 6	0n28	12s 1	0s59	24s35	1s33	12n33	12n13	17n20	11s49	5n59

Julian Day Number = 2097569.5, Delta T = 22m01s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'53, Lahiri = 10°20'53 Julian Calendar 1 Nov. 1030 == Greg. Calendar 7 Nov. 1030

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ASTRODIENST EPHEMERIS for the year 1030
geocentric

DECEMBER 1030 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 0 13	14♐40'02	28♉ 5	25°R22	1♏21	13♐59	24♌57	13°R16	15°R34	1♓14	11♉38	26°R59	27♌59	11♊40	10♒59	T 1
W 2	5 4 10	15°41'13	12♒21	24♐25	2° 4	14°44	24°58	13♊11	15♋32	1°14	11°39	26♌56	27°56	11°47	11° 2	W 2
T 3	5 8 6	16°42'24	26° 8	23°19	2°48	15°29	24°59	13° 6	15°30	1°15	11°41	26°D56	27°53	11°54	11° 4	T 3
F 4	5 12 3	17°43'35	9♓26	22° 5	3°33	16°15	24°59	13° 1	15°27	1°16	11°43	26°56	27°49	12° 1	11° 7	F 4
S 5	5 15 59	18°44'46	22°21	20°46	4°19	17° 0	24°R59	12°56	15°25	1°17	11°45	26°R56	27°46	12° 7	11°10	S 5
S 6	5 19 56	19°45'57	4♈55	19°24	5° 6	17°45	24°59	12°51	15°23	1°18	11°47	26°55	27°43	12°14	11°13	S 6
M 7	5 23 52	20°47'08	17°13	18° 2	5°54	18°31	24°59	12°46	15°21	1°19	11°49	26°51	27°40	12°21	11°16	M 7
T 8	5 27 49	21°48'19	29°20	16°42	6°43	19°16	24°58	12°41	15°18	1°20	11°51	26°45	27°37	12°27	11°19	T 8
W 9	5 31 45	22°49'30	11♉19	15°28	7°33	20° 2	24°58	12°37	15°16	1°21	11°52	26°37	27°33	12°34	11°22	W 9
T 10	5 35 42	23°50'41	23°13	14°21	8°23	20°47	24°57	12°32	15°14	1°22	11°54	26°26	27°30	12°41	11°26	T 10
F 11	5 39 39	24°51'53	5♊ 6	13°23	9°14	21°33	24°56	12°27	15°11	1°23	11°56	26°13	27°27	12°48	11°29	F 11
S 12	5 43 35	25°53'04	16°58	12°35	10° 6	22°19	24°55	12°22	15° 9	1°25	11°58	26° 1	27°24	12°54	11°32	S 12
S 13	5 47 32	26°54'15	28°51	11°57	10°59	23° 4	24°53	12°17	15° 6	1°26	12° 0	25°49	27°21	13° 1	11°35	S 13
M14	5 51 28	27°55'26	10♋47	11°29	11°53	23°50	24°52	12°13	15° 4	1°27	12° 2	25°39	27°18	13° 8	11°39	M14
T 15	5 55 25	28°56'37	22°47	11°11	12°47	24°36	24°50	12° 8	15° 2	1°28	12° 4	25°31	27°14	13°14	11°42	T 15
W16	5 59 21	29°57'48	4♌53	11°D 3	13°41	25°22	24°48	12° 4	14°59	1°30	12° 6	25°27	27°11	13°21	11°45	W16
T 17	6 3 18	0♉58'59	17° 7	11° 4	14°37	26° 8	24°46	11°59	14°57	1°31	12° 8	25°24	27° 8	13°28	11°49	T 17
F 18	6 7 15	2° 0'10	29°32	11°14	15°33	26°54	24°43	11°54	14°54	1°32	12°10	25°D24	27° 5	13°35	11°52	F 18
S 19	6 11 11	3° 1'21	12♍11	11°32	16°29	27°40	24°41	11°50	14°52	1°34	12°12	25°25	27° 2	13°41	11°56	S 19
S 20	6 15 8	4° 2'32	25° 8	11°57	17°27	28°26	24°38	11°46	14°49	1°35	12°14	25°26	26°58	13°48	11°59	S 20
M21	6 19 4	5° 3'43	8♎27	12°28	18°24	29°12	24°35	11°41	14°46	1°36	12°16	25°R26	26°55	13°55	12° 3	M21
T 22	6 23 1	6° 4'54	22°11	13° 5	19°23	29°58	24°32	11°37	14°44	1°38	12°18	25°25	26°52	14° 2	12° 6	T 22
W23	6 26 57	7° 6'05	6♏21	13°48	20°21	0♉44	24°29	11°33	14°41	1°39	12°20	25°21	26°49	14° 8	12°10	W23
T 24	6 30 54	8° 7'15	20°56	14°35	21°20	1°30	24°25	11°28	14°39	1°41	12°22	25°16	26°46	14°15	12°14	T 24
F 25	6 34 50	9° 8'26	5♐51	15°26	22°20	2°16	24°22	11°24	14°36	1°42	12°24	25° 9	26°43	14°22	12°17	F 25
S 26	6 38 47	10° 9'37	20°59	16°21	23°20	3° 2	24°18	11°20	14°34	1°44	12°26	25° 2	26°39	14°28	12°21	S 26
S 27	6 42 44	11°10'47	6♉11	17°20	24°21	3°49	24°14	11°16	14°31	1°46	12°28	24°55	26°36	14°35	12°25	S 27
M28	6 46 40	12°11'56	21°15	18°21	25°21	4°35	24°10	11°12	14°28	1°47	12°30	24°50	26°33	14°42	12°29	M28
T 29	6 50 37	13°13'05	6♒ 3	19°25	26°23	5°21	24° 5	11° 9	14°26	1°49	12°32	24°46	26°30	14°49	12°32	T 29
W30	6 54 33	14°14'13	20°28	20°32	27°24	6° 8	24° 1	11° 5	14°23	1°50	12°34	24°D45	26°27	14°55	12°36	W30
T 31	6 58 30	15♉15'20	4♓25	21♐41	28♏26	6♉54	23♌56	11♊ 1	14♋21	1♓52	12♉36	24♌45	26♌24	15♊ 2	12♒40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s41	18s15	2n27	22s50	0n39	9s20	2n51	23s10	0s35	14n14	1n 2	21n 2	1s29	23n 6	0n28	12s 0	0s59	24s35	1s33	12n35	12n14	17n21	11s48	5n59
W 2	22 47	15 58	1 17	22 28	0 59	9 31	2 55	23 16	0 35	14 14	1 2	21 1	1 29	23 7	0 28	12 0	0 59	24 35	1 33	12 36	12 15	17 22	11 48	5 59
T 3	22 54	12 48	0 4	22 5	1 19	9 42	3 0	23 22	0 36	14 14	1 2	21 1	1 29	23 7	0 28	12 0	0 59	24 35	1 33	12 36	12 16	17 23	11 47	5 58
F 4	23 0	9 5	1s 6	21 41	1 38	9 53	3 4	23 27	0 36	14 15	1 3	21 0	1 29	23 7	0 28	11 59	0 59	24 35	1 33	12 36	12 17	17 24	11 47	5 58
S 5	23 5	5 3	2 11	21 18	1 57	10 5	3 7	23 32	0 37	14 15	1 3	21 0	1 29	23 8	0 28	11 59	0 58	24 35	1 33	12 36	12 19	17 25	11 46	5 58
S 6	23 10	0 54	3 7	20 55	2 14	10 17	3 11	23 37	0 37	14 15	1 3	20 59	1 29	23 8	0 28	11 59	0 58	24 35	1 33	12 36	12 20	17 26	11 46	5 58
M 7	23 14	3n11	3 54	20 33	2 29	10 30	3 14	23 42	0 38	14 15	1 3	20 59	1 29	23 8	0 28	11 58	0 58	24 35	1 33	12 37	12 21	17 27	11 45	5 57
T 8	23 18	7 5	4 29	20 13	2 41	10 43	3 17	23 46	0 39	14 16	1 4	20 58	1 29	23 8	0 28	11 58	0 58	24 35	1 33	12 40	12 22	17 28	11 45	5 57
W 9	23 22	10 40	4 52	19 55	2 52	10 57	3 20	23 50	0 39	14 16	1 4	20 58	1 28	23 9	0 28	11 57	0 58	24 35	1 33	12 43	12 23	17 29	11 44	5 57
T 10	23 25	13 48	5 2	19 40	3 0	11 11	3 22	23 54	0 40	14 17	1 4	20 57	1 28	23 9	0 28	11 57	0 58	24 35	1 33	12 46	12 24	17 30	11 44	5 56
F 11	23 28	16 21	4 59	19 27	3 6	11 25	3 25	23 58	0 40	14 17	1 5	20 57	1 28	23 9	0 28	11 57	0 58	24 34	1 33	12 50	12 25	17 32	11 43	5 56
S 12	23 30	18 13	4 43	19 18	3 9	11 39	3 27	24 1	0 41	14 18	1 5	20 56	1 28	23 10	0 28	11 56	0 58	24 34	1 33	12 55	12 26	17 33	11 43	5 56
S 13	23 32	19 19	4 15	19 12	3 10	11 54	3 28	24 4	0 41	14 19	1 5	20 56	1 28	23 10	0 28	11 56	0 58	24 34	1 34	12 59	12 27	17 34	11 42	5 56
M14	23 33	19 33	3 35	19 9	3 10	12 9	3 30	24 7	0 42	14 20	1 5	20 55	1 28	23 10	0 28	11 55	0 58	24 34	1 34	13 2	12 28	17 35	11 41	5 55
T 15	23 33	18 54	2 45	19 9	3 7	12 24	3 31	24 9	0 42	14 20	1 6	20 55	1 28	23 10	0 28	11 55	0 58	24 34	1 34	13 5	12 30	17 36	11 41	5 55
W16	23 34	17 24	1 48	19 11	3 4	12 39	3 32	24 12	0 43	14 21	1 6	20 54	1 28	23 11	0 28	11 54	0 58	24 34	1 34	13 6	12 31	17 37	11 40	5 55
T 17	23 34	15 5	0 44	19 16	2 59	12 54	3 33	24 14	0 43	14 22	1 6	20 54	1 27	23 11	0 28	11 54	0 58	24 34	1 34	13 7	12 32	17 38	11 39	5 54
F 18	23 33	12 3	0n22	19 23	2 53	13 10	3 34	24 15	0 44	14 23	1 6	20 54	1 27	23 11	0 28	11 53	0 58	24 34	1 34	13 7	12 33	17 39	11 39	5 54
S 19	23 32	8 24	1 29	19 32	2 46	13 25	3 35	24 17	0 44	14 25	1 7	20 53	1 27	23 12	0 28	11 53	0 58	24 34	1 34	13 7	12 34	17 40	11 38	5 54
S 20	23 30	4 17	2 33	19 43	2 39	13 41	3 35	24 18	0 45	14 26	1 7	20 53	1 27	23 12	0 28	11 52	0 58	24 33	1 34	13 7	12 35	17 41	11 37	5 54
M21	23 28	0s 9	3 31	19 55	2 31	13 57	3 35	24 19	0 45	14 27	1 7	20 52	1 27	23 12	0 28	11 52	0 58	24 33	1 34	13 6	12 36	17 42	11 36	5 54
T 22	23 25	4 42	4 18	20 8	2 22	14 13	3 35	24 20	0 46	14 28	1 7	20 52	1 27	23 13	0 28	11 51	0 58	24 33	1 34	13 7	12 37	17 43	11 36	5 53
W23	23 22	9 7	4 51	20 22	2 14	14 28	3 35	24 20	0 46	14 30	1 8	20 51	1 26	23 13	0 28	11 51	0 58	24 33	1 34	13 8	12 38	17 44	11 35	5 53
T 24	23 19	13 8	5 7	20 36	2 5	14 44	3 35	24 20	0 47	14 31	1 8	20 51	1 26	23 13	0 28	11 50	0 58	24 33	1 34	13 10	12 39	17 45	11 34	5 53
F 25	23 15	16 25	5 3	20 51	1 56	15 0	3 34	24 20	0 47	14 32	1 8	20 51	1 26	23 13	0 28	11 50	0 58	24 33	1 34	13 12	12 40	17 46	11 33	5 53
S 26	23 10	18 39	4 37	21 5	1 47	15 15	3 34	24 19	0 48	14 34	1 9	20 50	1 26	23 14	0 28	11 49	0 58	24 33	1 35	13 15	12 42	17 47	11 32	5 52
S 27	23 5	19 33	3 52	21 20	1 37	15 31	3 33	24 19	0 48	14 36	1 9	20 50	1 26	23 14	0 28	11 48	0 58	24 33	1 35	13 17	12 43	17 48	11 32	5 52
M28	23 0	19 3	2 51	21 35	1 28	15 46	3 32	24 18	0 49	14 37	1 9	20 50	1 25	23 14	0 28	11 48	0 58	24 33	1 35	13 19	12 44	17 49	11 31	5 52
T 29	22 54	17 15	1 40	21 50	1 19	16 2	3 31	24 16	0 49	14 39	1 9	20 49	1 25	23 15	0 28	11 47	0 58	24 33	1 35	13 20	12 45	17 50	11 30	5 52
W30	22 48	14 23	0 23	22 4	1 10	16 17	3 29	24 15	0 50	14 41	1 10	20 49	1 25	23 15	0 28	11 47	0 58	24 32	1 35	13 20	12 46	17 51	11 29	5 52
T 31	22s41	10s45	0s52	22s18	1n 0	16s32	3n28	24s13	0s50	14n43	1n10	20n49	1s25	23n15	0n28	11s46	0s58	24s32	1s35	13n20	12n47	17n52	11s28	5n51

Julian Day Number = 2097599.5, Delta T = 22m01s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°13'57, Lahiri = 10°20'58 Julian Calendar 1 Dec. 1030 == Greg. Calendar 7 Dec. 1030

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

JANUARY 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 2 26	16♑16'26	17♓53	22♐52	29♏29	7♑40	23°R51	10°R58	14°R18	1♓54	12♑38	24♌46	26♌20	15♊ 9	12♒44	F 1
S 2	7 6 23	17°17'32	0♈56	24° 5	0♐31	8°27	23♌46	10♊54	14♋15	1°56	12°40	24°48	26°17	15°15	12°48	S 2
S 3	7 10 19	18°18'36	13°35	25°20	1°34	9°13	23°41	10°51	14°13	1°57	12°41	24°R49	26°14	15°22	12°52	S 3
M 4	7 14 16	19°19'38	25°56	26°36	2°38	10° 0	23°35	10°47	14°10	1°59	12°43	24°49	26°11	15°29	12°56	M 4
T 5	7 18 13	20°20'40	8♉ 3	27°53	3°41	10°46	23°30	10°44	14° 7	2° 1	12°45	24°47	26° 8	15°36	13° 0	T 5
W 6	7 22 9	21°21'41	20° 0	29°12	4°45	11°33	23°24	10°41	14° 5	2° 3	12°47	24°44	26° 4	15°42	13° 4	W 6
T 7	7 26 6	22°22'41	1♊53	0♑32	5°50	12°19	23°19	10°38	14° 2	2° 5	12°49	24°39	26° 1	15°49	13° 8	T 7
F 8	7 30 2	23°23'39	13°44	1°54	6°54	13° 6	23°13	10°35	14° 0	2° 6	12°51	24°34	25°58	15°56	13°12	F 8
S 9	7 33 59	24°24'36	25°37	3°16	7°59	13°53	23° 7	10°32	13°57	2° 8	12°53	24°28	25°55	16° 2	13°16	S 9
S 10	7 37 55	25°25'33	7♋33	4°40	9° 4	14°39	23° 0	10°29	13°55	2°10	12°55	24°22	25°52	16° 9	13°20	S 10
M11	7 41 52	26°26'28	19°36	6° 4	10° 9	15°26	22°54	10°27	13°52	2°12	12°57	24°18	25°49	16°16	13°24	M11
T 12	7 45 48	27°27'22	1♌46	7°30	11°15	16°13	22°48	10°24	13°50	2°14	12°59	24°14	25°45	16°23	13°28	T 12
W13	7 49 45	28°28'14	14° 5	8°56	12°20	16°59	22°41	10°22	13°47	2°16	13° 1	24°13	25°42	16°29	13°32	W13
T 14	7 53 42	29°29'06	26°34	10°23	13°26	17°46	22°34	10°19	13°45	2°18	13° 3	24°D12	25°39	16°36	13°36	T 14
F 15	7 57 38	0♒29'57	9♍14	11°51	14°32	18°33	22°28	10°17	13°42	2°20	13° 5	24°13	25°36	16°43	13°40	F 15
S 16	8 1 35	1°30'46	22° 7	13°20	15°39	19°20	22°21	10°15	13°40	2°22	13° 7	24°14	25°33	16°49	13°44	S 16
S 17	8 5 31	2°31'34	5♎15	14°50	16°45	20° 7	22°14	10°13	13°37	2°24	13° 9	24°16	25°30	16°56	13°49	S 17
M18	8 9 28	3°32'22	18°39	16°21	17°52	20°53	22° 7	10°11	13°35	2°26	13°11	24°17	25°26	17° 3	13°53	M18
T 19	8 13 24	4°33'08	2♏21	17°52	18°59	21°40	22° 0	10° 9	13°32	2°28	13°12	24°R18	25°23	17°10	13°57	T 19
W20	8 17 21	5°33'54	16°20	19°24	20° 6	22°27	21°52	10° 7	13°30	2°30	13°14	24°18	25°20	17°16	14° 1	W20
T 21	8 21 17	6°34'38	0♐37	20°58	21°14	23°14	21°45	10° 5	13°28	2°32	13°16	24°16	25°17	17°23	14° 5	T 21
F 22	8 25 14	7°35'21	15° 9	22°31	22°21	24° 1	21°37	10° 4	13°25	2°34	13°18	24°15	25°14	17°30	14° 9	F 22
S 23	8 29 11	8°36'04	29°52	24° 6	23°29	24°48	21°30	10° 2	13°23	2°36	13°20	24°13	25°10	17°36	14°14	S 23
S 24	8 33 7	9°36'45	14♑39	25°42	24°37	25°35	21°22	10° 1	13°21	2°39	13°22	24°11	25° 7	17°43	14°18	S 24
M25	8 37 4	10°37'24	29°23	27°18	25°45	26°22	21°15	10° 0	13°19	2°41	13°24	24° 9	25° 4	17°50	14°22	M25
T 26	8 41 0	11°38'02	13♒57	28°56	26°53	27° 9	21° 7	9°59	13°16	2°43	13°25	24° 8	25° 1	17°57	14°26	T 26
W27	8 44 57	12°38'39	28°14	0♒34	28° 1	27°56	20°59	9°58	13°14	2°45	13°27	24°D 8	24°58	18° 3	14°30	W27
T 28	8 48 53	13°39'14	12♓10	2°13	29°10	28°43	20°52	9°57	13°12	2°47	13°29	24° 9	24°55	18°10	14°35	T 28
F 29	8 52 50	14°39'47	25°43	3°53	0♑18	29°30	20°44	9°56	13°10	2°49	13°31	24° 9	24°51	18°17	14°39	F 29
S 30	8 56 46	15°40'18	8♈51	5°34	1°27	0♒17	20°36	9°55	13° 8	2°51	13°32	24°10	24°48	18°23	14°43	S 30
S 31	9 0 43	16♒40'47	21♈36	7♒15	2♑36	1♒ 4	20♌28	9♊55	13♋ 6	2♓54	13♑34	24♌11	24♌45	18♊30	14♒47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s34	6s41	2s 3	22s31	0n51	16s47	3n26	24s11	0s51	14n44	1n10	20n48	1s25	23n15	0n28	11s45	0s58	24s32	1s35	13n20	12n48	17n53	11s27	5n51
S 2	22 26	2 26	3 4	22 43	0 42	17 2	3 25	24 8	0 51	14 46	1 10	20 48	1 25	23 16	0 28	11 45	0 58	24 32	1 35	13 19	12 49	17 54	11 26	5 51
S 3	22 18	1n47	3 55	22 55	0 33	17 16	3 23	24 6	0 51	14 48	1 10	20 48	1 24	23 16	0 28	11 44	0 58	24 32	1 35	13 19	12 50	17 55	11 25	5 51
M 4	22 10	5 50	4 33	23 6	0 25	17 30	3 21	24 3	0 52	14 50	1 11	20 47	1 24	23 16	0 28	11 43	0 58	24 32	1 35	13 19	12 51	17 56	11 24	5 51
T 5	22 1	9 33	4 59	23 17	0 16	17 44	3 19	24 0	0 52	14 52	1 11	20 47	1 24	23 17	0 28	11 43	0 58	24 32	1 35	13 20	12 52	17 57	11 24	5 51
W 6	21 51	12 51	5 11	23 26	0 8	17 58	3 17	23 56	0 53	14 54	1 11	20 47	1 24	23 17	0 28	11 42	0 58	24 32	1 36	13 21	12 53	17 58	11 23	5 51
T 7	21 42	15 36	5 9	23 34	0s 0	18 12	3 15	23 52	0 53	14 56	1 11	20 47	1 24	23 17	0 28	11 41	0 58	24 32	1 36	13 22	12 55	17 59	11 22	5 50
F 8	21 31	17 41	4 55	23 41	0 8	18 25	3 12	23 48	0 54	14 59	1 12	20 46	1 23	23 17	0 28	11 41	0 58	24 32	1 36	13 24	12 56	18 0	11 21	5 50
S 9	21 21	19 2	4 27	23 48	0 16	18 38	3 10	23 44	0 54	15 1	1 12	20 46	1 23	23 18	0 28	11 40	0 58	24 31	1 36	13 26	12 57	18 1	11 20	5 50
S 10	21 10	19 33	3 48	23 53	0 24	18 50	3 7	23 39	0 54	15 3	1 12	20 46	1 23	23 18	0 28	11 39	0 58	24 31	1 36	13 28	12 58	18 2	11 19	5 50
M11	20 58	19 11	2 58	23 57	0 31	19 2	3 5	23 34	0 55	15 5	1 12	20 46	1 23	23 18	0 28	11 39	0 58	24 31	1 36	13 29	12 59	18 3	11 18	5 50
T 12	20 47	17 55	2 0	23 59	0 38	19 14	3 2	23 29	0 55	15 8	1 12	20 46	1 22	23 19	0 28	11 38	0 58	24 31	1 36	13 31	13 0	18 4	11 17	5 50
W13	20 34	15 48	0 55	24 1	0 45	19 26	2 59	23 24	0 56	15 10	1 13	20 46	1 22	23 19	0 28	11 37	0 58	24 31	1 36	13 31	13 1	18 5	11 16	5 50
T 14	20 22	12 56	0n13	24 1	0 52	19 37	2 56	23 18	0 56	15 12	1 13	20 45	1 22	23 19	0 28	11 37	0 58	24 31	1 36	13 31	13 2	18 6	11 14	5 50
F 15	20 9	9 25	1 22	24 0	0 59	19 48	2 53	23 12	0 57	15 15	1 13	20 45	1 22	23 19	0 28	11 36	0 58	24 31	1 36	13 31	13 3	18 7	11 13	5 49
S 16	19 56	5 24	2 28	23 58	1 5	19 58	2 50	23 6	0 57	15 17	1 13	20 45	1 22	23 20	0 28	11 35	0 58	24 31	1 37	13 31	13 4	18 8	11 12	5 49
S 17	19 42	1 4	3 27	23 54	1 11	20 8	2 47	23 0	0 57	15 20	1 13	20 45	1 21	23 20	0 28	11 34	0 58	24 31	1 37	13 30	13 5	18 9	11 11	5 49
M18	19 28	3s23	4 17	23 49	1 17	20 17	2 44	22 53	0 58	15 22	1 14	20 45	1 21	23 20	0 28	11 34	0 58	24 31	1 37	13 30	13 6	18 10	11 10	5 49
T 19	19 13	7 46	4 53	23 43	1 22	20 26	2 41	22 46	0 58	15 25	1 14	20 45	1 21	23 20	0 28	11 33	0 58	24 31	1 37	13 29	13 7	18 11	11 9	5 49
W20	18 59	11 49	5 13	23 35	1 27	20 35	2 37	22 38	0 58	15 27	1 14	20 45	1 21	23 21	0 28	11 32	0 58	24 30	1 37	13 30	13 9	18 12	11 8	5 49
T 21	18 43	15 16	5 14	23 26	1 32	20 43	2 34	22 31	0 59	15 30	1 14	20 45	1 21	23 21	0 28	11 31	0 58	24 30	1 37	13 30	13 10	18 13	11 7	5 49
F 22	18 28	17 51	4 55	23 16	1 37	20 50	2 30	22 23	0 59	15 32	1 14	20 45	1 20	23 21	0 28	11 31	0 58	24 30	1 37	13 31	13 11	18 14	11 6	5 49
S 23	18 12	19 17	4 17	23 4	1 41	20 57	2 27	22 15	0 59	15 35	1 14	20 45	1 20	23 21	0 28	11 30	0 58	24 30	1 37	13 31	13 12	18 15	11 5	5 49
S 24	17 56	19 25	3 21	22 50	1 45	21 4	2 23	22 7	1 0	15 38	1 15	20 45	1 20	23 21	0 28	11 29	0 58	24 30	1 37	13 32	13 13	18 16	11 3	5 49
M25	17 40	18 13	2 13	22 35	1 49	21 10	2 20	21 58	1 0	15 40	1 15	20 45	1 20	23 22	0 28	11 28	0 58	24 30	1 37	13 32	13 14	18 17	11 2	5 49
T 26	17 23	15 50	0 56	22 18	1 52	21 16	2 16	21 50	1 1	15 43	1 15	20 45	1 19	23 22	0 28	11 27	0 58	24 30	1 38	13 33	13 15	18 17	11 1	5 49
W27	17 6	12 30	0s23	22 0	1 55	21 21	2 12	21 41	1 1	15 45	1 15	20 45	1 19	23 22	0 28	11 27	0 58	24 30	1 38	13 33	13 16	18 18	11 0	5 49
T 28	16 49	8 33	1 38	21 41	1 58	21 25	2 8	21 31	1 1	15 48	1 15	20 45	1 19	23 22	0 28	11 26	0 58	24 30	1 38	13 33	13 17	18 19	10 59	5 49
F 29	16 31	4 15	2 46	21 19	2 0	21 29	2 5	21 22	1 1	15 51	1 15	20 45	1 19	23 23	0 28	11 25	0 58	24 30	1 38	13 32	13 18	18 20	10 58	5 49
S 30	16 13	0n 6	3 43	20 57	2 2	21 32	2 1	21 12	1 2	15 53	1 15	20 46	1 18	23 23	0 28	11 24	0 58	24 30	1 38	13 32	13 19	18 21	10 56	5 49
S 31	15s55	4n20	4s28	20s32	2s 3	21s35	1n57	21s 2	1s 2	15n56	1n15	20n46	1s18	23n23	0n28	11s24	0s58	24s30	1s38	13n32	13n20	18n22	10s55	5n49

Julian Day Number = 2097630.5, Delta T = 22m00s
Ecliptic obliquity = 23°33'45, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'01, Lahiri = 10°21'02 Julian Calendar 1 Jan. 1031 == Greg. Calendar 7 Jan. 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

FEBRUARY 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 4 40	17♒41'15	4♉ 3	8♒58	3♉44	1♒51	20°R20	9°R54	13°R 4	2♓56	13♉36	24♌12	24♌42	18♊37	14♒51	M 1
T 2	9 8 36	18°41'40	16°13	10°42	4°53	2°38	20♌12	9♊54	13♋ 2	2°58	13°38	24°R12	24°39	18°44	14°56	T 2
W 3	9 12 33	19°42'04	28°13	12°26	6° 3	3°25	20° 5	9°54	13° 0	3° 0	13°39	24°12	24°36	18°50	15° 0	W 3
T 4	9 16 29	20°42'25	10♊ 6	14°12	7°12	4°12	19°57	9°D54	12°58	3° 3	13°41	24°11	24°32	18°57	15° 4	T 4
F 5	9 20 26	21°42'45	21°57	15°58	8°21	4°59	19°49	9°54	12°56	3° 5	13°43	24°11	24°29	19° 4	15° 8	F 5
S 6	9 24 22	22°43'03	3♋51	17°46	9°31	5°47	19°41	9°54	12°54	3° 7	13°44	24°11	24°26	19°10	15°12	S 6
S 7	9 28 19	23°43'18	15°51	19°34	10°40	6°34	19°33	9°54	12°52	3° 9	13°46	24°D11	24°23	19°17	15°17	S 7
M 8	9 32 15	24°43'32	28° 0	21°24	11°50	7°21	19°25	9°55	12°51	3°12	13°47	24°11	24°20	19°24	15°21	M 8
T 9	9 36 12	25°43'44	10♌21	23°15	12°59	8° 8	19°17	9°55	12°49	3°14	13°49	24°11	24°16	19°30	15°25	T 9
W10	9 40 9	26°43'53	22°55	25° 6	14° 9	8°55	19°10	9°56	12°47	3°16	13°50	24°R11	24°13	19°37	15°29	W10
T 11	9 44 5	27°44'01	5♍43	26°58	15°19	9°42	19° 2	9°56	12°46	3°18	13°52	24°11	24°10	19°44	15°33	T 11
F 12	9 48 2	28°44'07	18°46	28°52	16°29	10°29	18°54	9°57	12°44	3°21	13°54	24°11	24° 7	19°51	15°37	F 12
S 13	9 51 58	29°44'11	2♎ 3	0♓46	17°39	11°16	18°46	9°58	12°42	3°23	13°55	24°10	24° 4	19°57	15°41	S 13
S 14	9 55 55	0♓44'14	15°32	2°41	18°49	12° 3	18°39	9°59	12°41	3°25	13°57	24° 9	24° 1	20° 4	15°45	S 14
M15	9 59 51	1°44'14	29°14	4°37	20° 0	12°51	18°31	10° 0	12°39	3°27	13°58	24° 8	23°57	20°11	15°49	M15
T 16	10 3 48	2°44'13	13♏ 7	6°34	21°10	13°38	18°24	10° 2	12°38	3°30	13°59	24° 8	23°54	20°17	15°54	T 16
W17	10 7 44	3°44'11	27° 9	8°31	22°21	14°25	18°16	10° 3	12°37	3°32	14° 1	24°D 7	23°51	20°24	15°58	W17
T 18	10 11 41	4°44'06	11♐18	10°28	23°31	15°12	18° 9	10° 5	12°35	3°34	14° 2	24° 7	23°48	20°31	16° 2	T 18
F 19	10 15 37	5°44'01	25°34	12°26	24°42	15°59	18° 2	10° 6	12°34	3°37	14° 4	24° 8	23°45	20°38	16° 6	F 19
S 20	10 19 34	6°43'53	9♑52	14°24	25°52	16°46	17°55	10° 8	12°33	3°39	14° 5	24° 9	23°42	20°44	16°10	S 20
S 21	10 23 31	7°43'44	24°10	16°21	27° 3	17°33	17°48	10°10	12°32	3°41	14° 6	24°10	23°38	20°51	16°14	S 21
M22	10 27 27	8°43'33	8♒25	18°18	28°14	18°20	17°41	10°12	12°30	3°43	14° 8	24°11	23°35	20°58	16°18	M22
T 23	10 31 24	9°43'20	22°33	20°15	29°24	19° 8	17°34	10°14	12°29	3°46	14° 9	24°R11	23°32	21° 4	16°22	T 23
W24	10 35 20	10°43'05	6♓29	22°10	0♒35	19°55	17°27	10°16	12°28	3°48	14°10	24°11	23°29	21°11	16°25	W24
T 25	10 39 17	11°42'48	20°10	24° 4	1°46	20°42	17°20	10°18	12°27	3°50	14°11	24° 9	23°26	21°18	16°29	T 25
F 26	10 43 13	12°42'29	3♈33	25°56	2°57	21°29	17°14	10°20	12°26	3°52	14°13	24° 7	23°22	21°25	16°33	F 26
S 27	10 47 10	13°42'07	16°38	27°45	4° 8	22°16	17° 7	10°23	12°26	3°55	14°14	24° 5	23°19	21°31	16°37	S 27
S 28	10 51 6	14♓41'44	29♈23	29♓32	5♒19	23♒ 3	17♌ 1	10♊25	12♋25	3♓57	14♉15	24♌ 1	23♌16	21♊38	16♒41	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s37	8n15	4s58	20s 6	2s 4	21s38	1n53	20s52	1s 2	15n59	1n16	20n46	1s18	23n23	0n28	11s23	0s58	24s30	1s38	13n32	13n21	18n23	10s54	5n49
T 2	15 18	11 45	5 14	19 39	2 5	21 39	1 49	20 41	1 3	16 1	1 16	20 46	1 18	23 23	0 28	11 22	0 58	24 30	1 38	13 31	13 22	18 24	10 53	5 49
W 3	14 59	14 43	5 16	19 10	2 5	21 40	1 45	20 31	1 3	16 4	1 16	20 46	1 18	23 24	0 28	11 21	0 58	24 29	1 38	13 31	13 24	18 25	10 52	5 49
T 4	14 40	17 3	5 5	18 39	2 5	21 41	1 41	20 20	1 3	16 6	1 16	20 46	1 17	23 24	0 28	11 20	0 58	24 29	1 39	13 32	13 25	18 26	10 50	5 49
F 5	14 20	18 39	4 41	18 7	2 5	21 41	1 37	20 9	1 4	16 9	1 16	20 47	1 17	23 24	0 28	11 19	0 58	24 29	1 39	13 32	13 26	18 27	10 49	5 49
S 6	14 1	19 26	4 5	17 33	2 3	21 40	1 33	19 57	1 4	16 12	1 16	20 47	1 17	23 24	0 28	11 19	0 58	24 29	1 39	13 32	13 27	18 28	10 48	5 49
S 7	13 41	19 21	3 17	16 57	2 2	21 39	1 29	19 46	1 4	16 14	1 16	20 47	1 17	23 24	0 28	11 18	0 58	24 29	1 39	13 32	13 28	18 28	10 47	5 49
M 8	13 21	18 23	2 20	16 20	2 0	21 37	1 25	19 34	1 4	16 17	1 16	20 48	1 16	23 24	0 28	11 17	0 58	24 29	1 39	13 32	13 29	18 29	10 46	5 49
T 9	13 1	16 31	1 16	15 41	1 57	21 35	1 21	19 22	1 5	16 19	1 16	20 48	1 16	23 25	0 28	11 16	0 58	24 29	1 39	13 32	13 30	18 30	10 44	5 49
W10	12 40	13 50	0 7	15 1	1 54	21 32	1 17	19 10	1 5	16 22	1 16	20 48	1 16	23 25	0 28	11 15	0 58	24 29	1 39	13 32	13 31	18 31	10 43	5 49
T 11	12 19	10 27	1n 4	14 19	1 51	21 28	1 13	18 57	1 5	16 24	1 16	20 48	1 16	23 25	0 28	11 15	0 58	24 29	1 39	13 32	13 32	18 32	10 42	5 49
F 12	11 58	6 30	2 12	13 35	1 46	21 24	1 9	18 45	1 5	16 27	1 16	20 49	1 15	23 25	0 28	11 14	0 58	24 29	1 40	13 32	13 33	18 33	10 41	5 49
S 13	11 37	2 10	3 15	12 50	1 42	21 19	1 5	18 32	1 5	16 29	1 16	20 49	1 15	23 25	0 28	11 13	0 58	24 29	1 40	13 32	13 34	18 34	10 39	5 49
S 14	11 16	2s20	4 8	12 4	1 36	21 13	1 1	18 19	1 6	16 31	1 16	20 50	1 15	23 25	0 28	11 12	0 58	24 29	1 40	13 32	13 35	18 35	10 38	5 49
M15	10 55	6 47	4 48	11 16	1 30	21 7	0 57	18 6	1 6	16 34	1 16	20 50	1 15	23 25	0 28	11 11	0 58	24 29	1 40	13 33	13 36	18 35	10 37	5 49
T 16	10 33	10 55	5 11	10 27	1 24	21 1	0 53	17 52	1 6	16 36	1 16	20 50	1 15	23 26	0 28	11 10	0 58	24 29	1 40	13 33	13 37	18 36	10 36	5 49
W17	10 11	14 29	5 16	9 37	1 17	20 53	0 49	17 39	1 6	16 39	1 17	20 51	1 14	23 26	0 28	11 10	0 58	24 29	1 40	13 33	13 38	18 37	10 34	5 49
T 18	9 49	17 15	5 3	8 45	1 9	20 46	0 45	17 25	1 7	16 41	1 17	20 51	1 14	23 26	0 28	11 9	0 58	24 29	1 40	13 33	13 39	18 38	10 33	5 49
F 19	9 27	18 59	4 31	7 52	1 1	20 37	0 41	17 11	1 7	16 43	1 17	20 52	1 14	23 26	0 28	11 8	0 58	24 29	1 40	13 33	13 40	18 39	10 32	5 49
S 20	9 5	19 31	3 41	6 59	0 52	20 28	0 37	16 57	1 7	16 45	1 17	20 52	1 14	23 26	0 28	11 7	0 58	24 29	1 41	13 33	13 42	18 40	10 31	5 50
S 21	8 43	18 47	2 39	6 4	0 43	20 18	0 34	16 43	1 7	16 48	1 17	20 53	1 13	23 26	0 28	11 6	0 58	24 29	1 41	13 32	13 43	18 41	10 29	5 50
M22	8 20	16 52	1 26	5 9	0 33	20 8	0 30	16 28	1 7	16 50	1 17	20 53	1 13	23 26	0 28	11 6	0 58	24 29	1 41	13 32	13 44	18 41	10 28	5 50
T 23	7 58	13 56	0 9	4 13	0 22	19 58	0 26	16 14	1 7	16 52	1 17	20 54	1 13	23 26	0 28	11 5	0 58	24 29	1 41	13 32	13 45	18 42	10 27	5 50
W24	7 35	10 13	1s 7	3 18	0 11	19 46	0 22	15 59	1 7	16 54	1 16	20 54	1 13	23 26	0 28	11 4	0 58	24 29	1 41	13 32	13 46	18 43	10 26	5 50
T 25	7 12	6 2	2 19	2 22	0n 0	19 34	0 18	15 44	1 8	16 56	1 16	20 55	1 13	23 26	0 28	11 3	0 58	24 29	1 41	13 32	13 47	18 44	10 24	5 50
F 26	6 49	1 39	3 21	1 27	0 12	19 22	0 15	15 29	1 8	16 58	1 16	20 55	1 12	23 26	0 28	11 2	0 58	24 29	1 41	13 33	13 48	18 45	10 23	5 50
S 27	6 26	2n43	4 10	0 32	0 24	19 9	0 11	15 14	1 8	17 0	1 16	20 56	1 12	23 27	0 28	11 1	0 58	24 29	1 41	13 34	13 49	18 46	10 22	5 50
S 28	6s 3	6n51	4s46	0n23	0n37	18s55	0n 7	14s58	1s 8	17n 2	1n16	20n56	1s12	23n27	0n28	11s 1	0s58	24s29	1s42	13n35	13n50	18n47	10s21	5n51

Julian Day Number = 2097661.5, Delta T = 22m00s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'06, Lahiri = 10°21'06 Julian Calendar 1 Feb. 1031 == Greg. Calendar 7 Feb. 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

MARCH 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 55 3	15♓41'18	11♉51	1♈16	6♒30	23♒50	16°R55	10♊28	12°R24	3♓59	14♑16	23°R58	23♌13	21♊45	16♒45	M 1
T 2	10 59 0	16°40'50	24° 4	2°56	7°42	24°37	16♌49	10°31	12♋23	4° 1	14°17	23♌56	23°10	21°51	16°48	T 2
W 3	11 2 56	17°40'20	6♊ 5	4°32	8°53	25°24	16°43	10°34	12°23	4° 4	14°18	23°54	23° 7	21°58	16°52	W 3
T 4	11 6 53	18°39'47	17°59	6° 4	10° 4	26°11	16°37	10°37	12°22	4° 6	14°19	23°D53	23° 3	22° 5	16°56	T 4
F 5	11 10 49	19°39'12	29°51	7°30	11°15	26°58	16°31	10°40	12°21	4° 8	14°20	23°54	23° 0	22°11	17° 0	F 5
S 6	11 14 46	20°38'34	11♋45	8°52	12°27	27°45	16°26	10°43	12°21	4°10	14°21	23°55	22°57	22°18	17° 3	S 6
S 7	11 18 42	21°37'55	23°46	10° 7	13°38	28°32	16°21	10°46	12°20	4°12	14°22	23°57	22°54	22°25	17° 7	S 7
M 8	11 22 39	22°37'13	5♌58	11°17	14°50	29°19	16°15	10°49	12°20	4°15	14°23	23°59	22°51	22°32	17°10	M 8
T 9	11 26 35	23°36'28	18°27	12°20	16° 1	0♓ 6	16°10	10°53	12°20	4°17	14°24	24°R 0	22°47	22°38	17°14	T 9
W10	11 30 32	24°35'42	1♍13	13°16	17°13	0°53	16° 5	10°57	12°19	4°19	14°25	24° 0	22°44	22°45	17°18	W10
T 11	11 34 29	25°34'53	14°18	14° 6	18°24	1°40	16° 1	11° 0	12°19	4°21	14°26	23°58	22°41	22°52	17°21	T 11
F 12	11 38 25	26°34'02	27°44	14°49	19°36	2°27	15°56	11° 4	12°19	4°23	14°27	23°55	22°38	22°58	17°25	F 12
S 13	11 42 22	27°33'09	11♎27	15°25	20°47	3°14	15°52	11° 8	12°19	4°25	14°28	23°50	22°35	23° 5	17°28	S 13
S 14	11 46 18	28°32'13	25°25	15°54	21°59	4° 0	15°47	11°12	12°19	4°28	14°29	23°45	22°32	23°12	17°31	S 14
M15	11 50 15	29°31'16	9♏34	16°16	23°11	4°47	15°43	11°16	12°D18	4°30	14°29	23°40	22°28	23°18	17°35	M15
T 16	11 54 11	0♈30'17	23°49	16°30	24°22	5°34	15°39	11°20	12°19	4°32	14°30	23°35	22°25	23°25	17°38	T 16
W17	11 58 8	1°29'17	8♐ 6	16°38	25°34	6°21	15°36	11°24	12°19	4°34	14°31	23°31	22°22	23°32	17°41	W17
T 18	12 2 4	2°28'14	22°22	16°R39	26°46	7° 8	15°32	11°28	12°19	4°36	14°32	23°29	22°19	23°39	17°45	T 18
F 19	12 6 1	3°27'10	6♑33	16°33	27°58	7°54	15°29	11°33	12°19	4°38	14°32	23°D29	22°16	23°45	17°48	F 19
S 20	12 9 57	4°26'04	20°38	16°21	29°10	8°41	15°26	11°37	12°19	4°40	14°33	23°29	22°13	23°52	17°51	S 20
S 21	12 13 54	5°24'56	4♒35	16° 3	0♓21	9°28	15°22	11°42	12°19	4°42	14°33	23°31	22° 9	23°59	17°54	S 21
M22	12 17 51	6°23'47	18°24	15°39	1°33	10°15	15°20	11°46	12°20	4°44	14°34	23°R32	22° 6	24° 5	17°57	M22
T 23	12 21 47	7°22'35	2♓ 4	15°10	2°45	11° 1	15°17	11°51	12°20	4°46	14°35	23°31	22° 3	24°12	18° 0	T 23
W24	12 25 44	8°21'22	15°34	14°37	3°57	11°48	15°14	11°56	12°21	4°48	14°35	23°29	22° 0	24°19	18° 3	W24
T 25	12 29 40	9°20'07	28°52	14° 1	5° 9	12°34	15°12	12° 1	12°21	4°50	14°36	23°25	21°57	24°26	18° 6	T 25
F 26	12 33 37	10°18'50	11♈57	13°21	6°21	13°21	15°10	12° 6	12°22	4°52	14°36	23°19	21°53	24°32	18° 9	F 26
S 27	12 37 33	11°17'31	24°49	12°39	7°33	14° 8	15° 8	12°11	12°22	4°54	14°37	23°11	21°50	24°39	18°12	S 27
S 28	12 41 30	12°16'09	7♉26	11°57	8°45	14°54	15° 6	12°16	12°23	4°56	14°37	23° 2	21°47	24°46	18°15	S 28
M29	12 45 26	13°14'46	19°49	11°13	9°57	15°41	15° 5	12°21	12°24	4°58	14°37	22°53	21°44	24°52	18°18	M29
T 30	12 49 23	14°13'21	1♊59	10°30	11°10	16°27	15° 3	12°26	12°24	5° 0	14°38	22°44	21°41	24°59	18°21	T 30
W31	12 53 20	15♈11'53	13♊59	9♈48	12♓22	17♓13	15♌ 2	12♊32	12♋25	5♓ 1	14♑38	22♌38	21♌38	25♊ 6	18♒23	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s40	10n35	5s 8	1n16	0n49	18s41	0n 3	14s43	1s 8	17n 4	1n16	20n57	1s12	23n27	0n28	11s 0	0s58	24s29	1s42	13n36	13n51	18n47	10s19	5n51
T 2	5 17	13 48	5 15	2 7	1 2	18 27	0s 0	14 27	1 8	17 5	1 16	20 58	1 11	23 27	0 28	10 59	0 58	24 29	1 42	13 37	13 52	18 48	10 18	5 51
W 3	4 54	16 23	5 8	2 57	1 15	18 11	0 4	14 11	1 8	17 7	1 16	20 58	1 11	23 27	0 28	10 58	0 58	24 29	1 42	13 37	13 53	18 49	10 17	5 51
T 4	4 30	18 15	4 47	3 45	1 27	17 56	0 7	13 56	1 8	17 9	1 16	20 59	1 11	23 27	0 28	10 57	0 58	24 29	1 42	13 38	13 54	18 50	10 16	5 51
F 5	4 7	19 19	4 15	4 31	1 40	17 40	0 11	13 39	1 9	17 10	1 16	21 0	1 11	23 27	0 28	10 57	0 58	24 29	1 42	13 37	13 55	18 51	10 14	5 51
S 6	3 44	19 32	3 32	5 15	1 52	17 23	0 14	13 23	1 9	17 12	1 16	21 0	1 11	23 27	0 28	10 56	0 58	24 29	1 42	13 37	13 56	18 51	10 13	5 51
S 7	3 20	18 52	2 38	5 55	2 4	17 6	0 17	13 7	1 9	17 14	1 16	21 1	1 10	23 27	0 28	10 55	0 58	24 29	1 43	13 36	13 57	18 52	10 12	5 52
M 8	2 57	17 18	1 37	6 33	2 15	16 48	0 21	12 50	1 9	17 15	1 16	21 2	1 10	23 27	0 28	10 54	0 58	24 29	1 43	13 36	13 58	18 53	10 11	5 52
T 9	2 33	14 54	0 30	7 8	2 26	16 30	0 24	12 34	1 9	17 17	1 16	21 2	1 10	23 27	0 28	10 54	0 58	24 29	1 43	13 36	13 59	18 54	10 9	5 52
W10	2 9	11 43	0n39	7 39	2 36	16 11	0 27	12 17	1 9	17 18	1 16	21 3	1 10	23 27	0 28	10 53	0 58	24 29	1 43	13 36	14 0	18 55	10 8	5 52
T 11	1 46	7 53	1 49	8 7	2 45	15 52	0 30	12 0	1 9	17 19	1 16	21 4	1 10	23 27	0 28	10 52	0 58	24 29	1 43	13 36	14 1	18 55	10 7	5 52
F 12	1 22	3 34	2 54	8 32	2 53	15 33	0 33	11 44	1 9	17 21	1 16	21 4	1 9	23 27	0 28	10 51	0 58	24 29	1 43	13 37	14 2	18 56	10 6	5 53
S 13	0 59	1s 1	3 50	8 53	3 1	15 13	0 37	11 27	1 9	17 22	1 16	21 5	1 9	23 27	0 28	10 50	0 58	24 29	1 43	13 39	14 4	18 57	10 4	5 53
S 14	0 35	5 38	4 34	9 9	3 7	14 53	0 40	11 10	1 9	17 23	1 15	21 6	1 9	23 27	0 28	10 50	0 58	24 29	1 43	13 40	14 5	18 58	10 3	5 53
M15	0 11	9 59	5 2	9 23	3 12	14 32	0 42	10 52	1 9	17 24	1 15	21 7	1 9	23 27	0 28	10 49	0 58	24 29	1 44	13 42	14 6	18 59	10 2	5 53
T 16	0n12	13 48	5 11	9 32	3 16	14 11	0 45	10 35	1 9	17 25	1 15	21 7	1 8	23 27	0 28	10 48	0 58	24 29	1 44	13 44	14 7	18 59	10 1	5 53
W17	0 36	16 49	5 1	9 37	3 18	13 49	0 48	10 18	1 9	17 26	1 15	21 8	1 8	23 27	0 28	10 47	0 58	24 29	1 44	13 45	14 8	19 0	10 0	5 54
T 18	0 59	18 49	4 32	9 38	3 19	13 27	0 51	10 0	1 9	17 27	1 15	21 9	1 8	23 27	0 28	10 47	0 58	24 29	1 44	13 46	14 9	19 1	9 58	5 54
F 19	1 23	19 37	3 47	9 36	3 19	13 5	0 53	9 43	1 9	17 28	1 15	21 10	1 8	23 27	0 28	10 46	0 58	24 29	1 44	13 46	14 10	19 2	9 57	5 54
S 20	1 46	19 11	2 49	9 29	3 17	12 42	0 56	9 25	1 9	17 29	1 15	21 11	1 8	23 27	0 28	10 45	0 58	24 30	1 44	13 46	14 11	19 2	9 56	5 54
S 21	2 10	17 35	1 41	9 19	3 13	12 19	0 59	9 7	1 9	17 30	1 15	21 11	1 7	23 27	0 28	10 45	0 58	24 30	1 44	13 45	14 12	19 3	9 55	5 55
M22	2 33	14 57	0 28	9 5	3 8	11 56	1 1	8 50	1 9	17 31	1 15	21 12	1 7	23 27	0 28	10 44	0 58	24 30	1 45	13 45	14 13	19 4	9 54	5 55
T 23	2 57	11 31	0s46	8 48	3 2	11 32	1 3	8 32	1 9	17 31	1 14	21 13	1 7	23 27	0 28	10 43	0 58	24 30	1 45	13 45	14 14	19 5	9 53	5 55
W24	3 20	7 30	1 56	8 27	2 54	11 8	1 6	8 14	1 9	17 32	1 14	21 14	1 7	23 27	0 28	10 42	0 58	24 30	1 45	13 46	14 15	19 6	9 51	5 55
T 25	3 43	3 11	2 59	8 4	2 44	10 43	1 8	7 56	1 9	17 32	1 14	21 15	1 7	23 27	0 28	10 42	0 59	24 30	1 45	13 47	14 16	19 6	9 50	5 56
F 26	4 6	1n12	3 51	7 39	2 33	10 19	1 10	7 38	1 8	17 33	1 14	21 16	1 7	23 26	0 28	10 41	0 59	24 30	1 45	13 49	14 17	19 7	9 49	5 56
S 27	4 29	5 28	4 30	7 11	2 21	9 54	1 12	7 20	1 8	17 33	1 14	21 16	1 6	23 26	0 27	10 40	0 59	24 30	1 45	13 52	14 18	19 8	9 48	5 56
S 28	4 52	9 24	4 55	6 42	2 7	9 29	1 14	7 2	1 8	17 34	1 14	21 17	1 6	23 26	0 27	10 40	0 59	24 30	1 45	13 55	14 19	19 9	9 47	5 56
M29	5 15	12 52	5 6	6 11	1 53	9 3	1 16	6 43	1 8	17 34	1 14	21 18	1 6	23 26	0 27	10 39	0 59	24 30	1 46	13 58	14 20	19 9	9 46	5 57
T 30	5 38	15 43	5 3	5 40	1 38	8 37	1 18	6 25	1 8	17 34	1 14	21 19	1 6	23 26	0 27	10 38	0 59	24 30	1 46	14 0	14 21	19 10	9 45	5 57
W31	6n 1	17n52	4s46	5n 9	1n22	8s11	1s20	6s 7	1s 8	17n35	1n13	21n20	1s 6	23n26	0n27	10s38	0s59	24s30	1s46	14n 2	14n22	19n11	9s44	5n57

Julian Day Number = 2097689.5, Delta T = 22m00s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'09, Lahiri = 10°21'10 Julian Calendar 1 March 1031 == Greg. Calendar 7 March 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

APRIL 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 57 16	16♈10'23	25♊52	9°R 8	13♓34	18♓ 0	15°R 1	12♊37	12♋26	5♓ 3	14♑38	22°R34	21♌34	25♊12	18♒26	T 1
F 2	13 1 13	17° 8'51	7♋43	8♈30	14°46	18°46	15♌ 0	12°43	12°27	5° 5	14°39	22♌31	21°31	25°19	18°29	F 2
S 3	13 5 9	18° 7'17	19°35	7°55	15°58	19°32	15° 0	12°48	12°28	5° 7	14°39	22°D31	21°28	25°26	18°31	S 3
S 4	13 9 6	19° 5'41	1♌35	7°24	17°10	20°19	14°59	12°54	12°29	5° 9	14°39	22°31	21°25	25°33	18°34	S 4
M 5	13 13 2	20° 4'03	13°48	6°56	18°23	21° 5	14°59	12°59	12°30	5°10	14°39	22°32	21°22	25°39	18°36	M 5
T 6	13 16 59	21° 2'22	26°18	6°34	19°35	21°51	14°D59	13° 5	12°31	5°12	14°39	22°R32	21°18	25°46	18°39	T 6
W 7	13 20 55	22° 0'40	9♍10	6°15	20°47	22°37	14°59	13°11	12°32	5°14	14°39	22°31	21°15	25°53	18°41	W 7
T 8	13 24 52	22°58'55	22°26	6° 1	21°59	23°23	14°59	13°17	12°34	5°15	14°39	22°28	21°12	25°59	18°43	T 8
F 9	13 28 49	23°57'08	6♎ 7	5°52	23°12	24°10	15° 0	13°23	12°35	5°17	14°40	22°22	21° 9	26° 6	18°46	F 9
S 10	13 32 45	24°55'19	20°11	5°D48	24°24	24°56	15° 0	13°29	12°36	5°19	14°40	22°13	21° 6	26°13	18°48	S 10
S 11	13 36 42	25°53'29	4♏35	5°49	25°36	25°42	15° 1	13°35	12°38	5°20	14°R40	22° 4	21° 3	26°19	18°50	S 11
M12	13 40 38	26°51'37	19°11	5°55	26°48	26°28	15° 2	13°41	12°39	5°22	14°40	21°54	20°59	26°26	18°52	M12
T 13	13 44 35	27°49'43	3♐54	6° 5	28° 1	27°13	15° 3	13°47	12°40	5°23	14°39	21°45	20°56	26°33	18°54	T 13
W14	13 48 31	28°47'48	18°34	6°21	29°13	27°59	15° 5	13°54	12°42	5°25	14°39	21°38	20°53	26°39	18°56	W14
T 15	13 52 28	29°45'51	3♑ 6	6°40	0♈26	28°45	15° 6	14° 0	12°44	5°27	14°39	21°33	20°50	26°46	18°58	T 15
F 16	13 56 24	0♉43'53	17°25	7° 4	1°38	29°31	15° 8	14° 6	12°45	5°28	14°39	21°30	20°47	26°53	19° 0	F 16
S 17	14 0 21	1°41'54	1♒29	7°33	2°50	0♈17	15°10	14°13	12°47	5°30	14°39	21°D30	20°44	27° 0	19° 2	S 17
S 18	14 4 18	2°39'53	15°18	8° 5	4° 3	1° 3	15°12	14°19	12°49	5°31	14°39	21°R30	20°40	27° 6	19° 4	S 18
M19	14 8 14	3°37'51	28°52	8°42	5°15	1°48	15°14	14°26	12°50	5°32	14°39	21°30	20°37	27°13	19° 6	M19
T 20	14 12 11	4°35'47	12♓12	9°22	6°28	2°34	15°17	14°32	12°52	5°34	14°38	21°28	20°34	27°20	19° 7	T 20
W21	14 16 7	5°33'42	25°19	10° 6	7°40	3°20	15°19	14°39	12°54	5°35	14°38	21°24	20°31	27°26	19° 9	W21
T 22	14 20 4	6°31'36	8♈16	10°54	8°53	4° 5	15°22	14°46	12°56	5°36	14°38	21°17	20°28	27°33	19°10	T 22
F 23	14 24 0	7°29'28	21° 1	11°45	10° 5	4°51	15°25	14°52	12°58	5°38	14°37	21° 8	20°24	27°40	19°12	F 23
S 24	14 27 57	8°27'19	3♉35	12°40	11°18	5°36	15°28	14°59	13° 0	5°39	14°37	20°56	20°21	27°46	19°13	S 24
S 25	14 31 53	9°25'08	15°59	13°37	12°30	6°22	15°32	15° 6	13° 2	5°40	14°37	20°43	20°18	27°53	19°15	S 25
M26	14 35 50	10°22'56	28°12	14°38	13°43	7° 7	15°35	15°13	13° 4	5°41	14°36	20°30	20°15	28° 0	19°16	M26
T 27	14 39 46	11°20'42	10♊16	15°41	14°55	7°52	15°39	15°20	13° 6	5°43	14°36	20°17	20°12	28° 7	19°18	T 27
W28	14 43 43	12°18'27	22°12	16°48	16° 8	8°38	15°43	15°27	13° 8	5°44	14°35	20° 7	20° 9	28°13	19°19	W28
T 29	14 47 40	13°16'10	4♋ 3	17°57	17°21	9°23	15°46	15°34	13°10	5°45	14°35	19°59	20° 5	28°20	19°20	T 29
F 30	14 51 36	14♉13'52	15♋51	19♈10	18♈33	10♈ 8	15♌51	15♊41	13♋13	5♓46	14♑34	19♌54	20♌ 2	28♊27	19♒21	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n24	19n13	4s17	4n38	1n 5	7s45	1s22	5s49	1s 8	17n35	1n13	21n21	1s 5	23n26	0n27	10s37	0s59	24s31	1s46	14n 4	14n23	19n11	9s43	5n57
F 2	6 46	19 44	3 37	4 8	0 49	7 19	1 23	5 30	1 8	17 35	1 13	21 22	1 5	23 26	0 27	10 36	0 59	24 31	1 46	14 5	14 24	19 12	9 42	5 58
S 3	7 9	19 22	2 47	3 39	0 32	6 52	1 25	5 12	1 8	17 35	1 13	21 22	1 5	23 26	0 27	10 36	0 59	24 31	1 46	14 5	14 25	19 13	9 40	5 58
S 4	7 31	18 7	1 50	3 11	0 15	6 25	1 27	4 53	1 7	17 35	1 13	21 23	1 5	23 26	0 27	10 35	0 59	24 31	1 46	14 5	14 26	19 14	9 39	5 58
M 5	7 53	16 1	0 47	2 45	0s 1	5 58	1 28	4 35	1 7	17 35	1 13	21 24	1 5	23 26	0 27	10 34	0 59	24 31	1 47	14 4	14 27	19 14	9 38	5 59
T 6	8 15	13 8	0n20	2 21	0 18	5 31	1 29	4 16	1 7	17 35	1 13	21 25	1 5	23 25	0 27	10 34	0 59	24 31	1 47	14 4	14 28	19 15	9 37	5 59
W 7	8 37	9 32	1 28	1 59	0 33	5 3	1 31	3 58	1 7	17 35	1 12	21 26	1 4	23 25	0 27	10 33	0 59	24 31	1 47	14 5	14 29	19 16	9 36	5 59
T 8	8 59	5 21	2 33	1 40	0 49	4 36	1 32	3 39	1 7	17 35	1 12	21 27	1 4	23 25	0 27	10 33	0 59	24 31	1 47	14 6	14 30	19 16	9 35	6 0
F 9	9 20	0 47	3 31	1 23	1 3	4 8	1 33	3 21	1 7	17 34	1 12	21 28	1 4	23 25	0 27	10 32	0 59	24 32	1 47	14 8	14 31	19 17	9 34	6 0
S 10	9 42	3s57	4 18	1 8	1 17	3 40	1 34	3 2	1 6	17 34	1 12	21 29	1 4	23 25	0 27	10 32	0 59	24 32	1 47	14 10	14 32	19 18	9 33	6 0
S 11	10 3	8 34	4 49	0 57	1 30	3 12	1 35	2 44	1 6	17 34	1 12	21 30	1 4	23 25	0 27	10 31	0 59	24 32	1 47	14 14	14 33	19 19	9 32	6 0
M12	10 24	12 45	5 3	0 48	1 43	2 44	1 36	2 25	1 6	17 33	1 12	21 31	1 4	23 25	0 27	10 30	0 59	24 32	1 48	14 17	14 34	19 19	9 32	6 1
T 13	10 45	16 11	4 56	0 41	1 54	2 16	1 37	2 7	1 6	17 33	1 12	21 31	1 3	23 24	0 27	10 30	0 59	24 32	1 48	14 20	14 35	19 20	9 31	6 1
W14	11 6	18 34	4 31	0 37	2 5	1 48	1 37	1 48	1 6	17 32	1 11	21 32	1 3	23 24	0 27	10 29	0 59	24 32	1 48	14 22	14 36	19 21	9 30	6 1
T 15	11 27	19 44	3 48	0 36	2 15	1 20	1 38	1 30	1 5	17 31	1 11	21 33	1 3	23 24	0 27	10 29	0 59	24 32	1 48	14 24	14 37	19 21	9 29	6 2
F 16	11 47	19 36	2 51	0 37	2 24	0 51	1 39	1 11	1 5	17 31	1 11	21 34	1 3	23 24	0 27	10 28	0 59	24 33	1 48	14 24	14 39	19 22	9 28	6 2
S 17	12 8	18 14	1 44	0 41	2 32	0 23	1 39	0 53	1 5	17 30	1 11	21 35	1 3	23 24	0 27	10 28	0 59	24 33	1 48	14 25	14 40	19 23	9 27	6 2
S 18	12 28	15 49	0 33	0 47	2 40	0n 6	1 40	0 34	1 5	17 29	1 11	21 36	1 3	23 24	0 27	10 27	0 59	24 33	1 48	14 25	14 41	19 23	9 26	6 3
M19	12 47	12 32	0s39	0 55	2 46	0 34	1 40	0 16	1 4	17 28	1 11	21 37	1 2	23 23	0 27	10 27	0 59	24 33	1 49	14 25	14 42	19 24	9 25	6 3
T 20	13 7	8 41	1 47	1 6	2 52	1 3	1 40	0n 3	1 4	17 28	1 11	21 38	1 2	23 23	0 27	10 26	0 59	24 33	1 49	14 25	14 43	19 25	9 24	6 3
W21	13 27	4 27	2 49	1 19	2 57	1 31	1 40	0 21	1 4	17 27	1 10	21 39	1 2	23 23	0 27	10 26	0 59	24 33	1 49	14 26	14 44	19 25	9 24	6 4
T 22	13 46	0 5	3 41	1 34	3 1	2 0	1 40	0 40	1 3	17 26	1 10	21 40	1 2	23 23	0 27	10 25	0 59	24 34	1 49	14 29	14 45	19 26	9 23	6 4
F 23	14 5	4n13	4 21	1 50	3 4	2 28	1 41	0 58	1 3	17 25	1 10	21 41	1 2	23 23	0 27	10 25	0 59	24 34	1 49	14 32	14 46	19 27	9 22	6 4
S 24	14 24	8 16	4 47	2 9	3 7	2 57	1 41	1 16	1 3	17 24	1 10	21 41	1 2	23 22	0 27	10 25	1 0	24 34	1 49	14 36	14 47	19 27	9 21	6 5
S 25	14 42	11 56	4 59	2 30	3 9	3 26	1 40	1 35	1 3	17 23	1 10	21 42	1 2	23 22	0 27	10 24	1 0	24 34	1 49	14 40	14 48	19 28	9 20	6 5
M26	15 1	15 1	4 58	2 52	3 10	3 54	1 40	1 53	1 2	17 21	1 10	21 43	1 1	23 22	0 27	10 24	1 0	24 34	1 50	14 44	14 49	19 29	9 20	6 5
T 27	15 19	17 26	4 43	3 17	3 11	4 22	1 40	2 11	1 2	17 20	1 10	21 44	1 1	23 22	0 27	10 23	1 0	24 35	1 50	14 48	14 50	19 29	9 19	6 6
W28	15 37	19 5	4 15	3 42	3 10	4 51	1 40	2 30	1 2	17 19	1 9	21 45	1 1	23 22	0 27	10 23	1 0	24 35	1 50	14 51	14 51	19 30	9 18	6 6
T 29	15 54	19 53	3 37	4 10	3 9	5 19	1 39	2 48	1 1	17 18	1 9	21 46	1 1	23 21	0 27	10 22	1 0	24 35	1 50	14 54	14 52	19 30	9 18	6 7
F 30	16n11	19n49	2s49	4n39	3s 8	5n47	1s39	3n 6	1s 1	17n16	1n 9	21n47	1s 1	23n21	0n27	10s22	1s 0	24s35	1s50	14n55	14n53	19n31	9s17	6n 7

Julian Day Number = 2097720.5, Delta T = 21m59s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'14, Lahiri = 10°21'14 Julian Calendar 1 Apr. 1031 == Greg. Calendar 7 Apr. 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

MAY 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 55 33	15♉11'32	27♋43	20♈24	19♈46	10♈53	15♌55	15♊48	13♋15	5♓47	14°R34	19°R51	19♌59	28♊33	19♒22	S 1
S 2	14 59 29	16° 9'11	9♌41	21°42	20°58	11°38	15°59	15°55	13°17	5°48	14♑33	19♌51	19°56	28°40	19°23	S 2
M 3	15 3 26	17° 6'48	21°51	23° 2	22°11	12°23	16° 4	16° 2	13°20	5°49	14°33	19°51	19°53	28°47	19°24	M 3
T 4	15 7 22	18° 4'23	4♍20	24°24	23°24	13° 8	16° 9	16°10	13°22	5°50	14°32	19°50	19°50	28°53	19°25	T 4
W 5	15 11 19	19° 1'57	17°10	25°50	24°36	13°53	16°14	16°17	13°24	5°51	14°31	19°48	19°46	29° 0	19°26	W 5
T 6	15 15 15	19°59'29	0♎28	27°17	25°49	14°38	16°19	16°24	13°27	5°52	14°31	19°44	19°43	29° 7	19°27	T 6
F 7	15 19 12	20°57'00	14°14	28°47	27° 2	15°23	16°24	16°31	13°29	5°53	14°30	19°38	19°40	29°13	19°27	F 7
S 8	15 23 9	21°54'30	28°28	0♏20	28°14	16° 7	16°29	16°39	13°32	5°54	14°29	19°29	19°37	29°20	19°28	S 8
S 9	15 27 5	22°51'58	13♏ 7	1°55	29°27	16°52	16°35	16°46	13°35	5°55	14°28	19°18	19°34	29°27	19°29	S 9
M10	15 31 2	23°49'25	28° 3	3°32	0♐40	17°37	16°41	16°54	13°37	5°56	14°28	19° 7	19°30	29°34	19°29	M10
T 11	15 34 58	24°46'52	13♐ 7	5°12	1°52	18°21	16°46	17° 1	13°40	5°56	14°27	18°57	19°27	29°40	19°30	T 11
W12	15 38 55	25°44'17	28°10	6°54	3° 5	19° 6	16°52	17° 8	13°43	5°57	14°26	18°49	19°24	29°47	19°30	W12
T 13	15 42 51	26°41'42	13♑ 2	8°38	4°18	19°50	16°59	17°16	13°45	5°58	14°25	18°43	19°21	29°54	19°30	T 13
F 14	15 46 48	27°39'05	27°37	10°25	5°31	20°35	17° 5	17°24	13°48	5°58	14°24	18°40	19°18	0♋ 0	19°31	F 14
S 15	15 50 45	28°36'28	11♒50	12°15	6°43	21°19	17°11	17°31	13°51	5°59	14°23	18°38	19°15	0° 7	19°31	S 15
S 16	15 54 41	29°33'51	25°42	14° 6	7°56	22° 4	17°18	17°39	13°54	6° 0	14°23	18°38	19°11	0°14	19°31	S 16
M17	15 58 38	0♊31'12	9♓12	16° 0	9° 9	22°48	17°24	17°46	13°57	6° 0	14°22	18°38	19° 8	0°20	19°31	M17
T 18	16 2 34	1°28'34	22°23	17°57	10°22	23°32	17°31	17°54	13°59	6° 1	14°21	18°37	19° 5	0°27	19°31	T 18
W19	16 6 31	2°25'54	5♈18	19°55	11°35	24°16	17°38	18° 1	14° 2	6° 1	14°20	18°33	19° 2	0°34	19°R31	W19
T 20	16 10 27	3°23'14	17°59	21°56	12°48	25° 0	17°45	18° 9	14° 5	6° 2	14°19	18°27	18°59	0°40	19°31	T 20
F 21	16 14 24	4°20'33	0♉28	23°58	14° 0	25°44	17°52	18°17	14° 8	6° 2	14°18	18°18	18°55	0°47	19°31	F 21
S 22	16 18 20	5°17'52	12°47	26° 2	15°13	26°28	18° 0	18°24	14°11	6° 3	14°17	18° 6	18°52	0°54	19°31	S 22
S 23	16 22 17	6°15'11	24°57	28° 9	16°26	27°12	18° 7	18°32	14°14	6° 3	14°16	17°54	18°49	1° 0	19°31	S 23
M24	16 26 13	7°12'28	7♊ 0	0♊16	17°39	27°56	18°15	18°40	14°18	6° 3	14°15	17°41	18°46	1° 7	19°31	M24
T 25	16 30 10	8° 9'45	18°57	2°25	18°52	28°40	18°22	18°48	14°21	6° 4	14°14	17°29	18°43	1°14	19°30	T 25
W26	16 34 7	9° 7'02	0♋48	4°35	20° 5	29°24	18°30	18°55	14°24	6° 4	14°12	17°19	18°40	1°21	19°30	W26
T 27	16 38 3	10° 4'17	12°37	6°46	21°18	0♉ 7	18°38	19° 3	14°27	6° 4	14°11	17°12	18°36	1°27	19°29	T 27
F 28	16 42 0	11° 1'32	24°25	8°57	22°31	0°51	18°46	19°11	14°30	6° 5	14°10	17° 7	18°33	1°34	19°29	F 28
S 29	16 45 56	11°58'47	6♌17	11° 9	23°44	1°34	18°55	19°19	14°33	6° 5	14° 9	17° 4	18°30	1°41	19°28	S 29
S 30	16 49 53	12°56'00	18°15	13°21	24°57	2°18	19° 3	19°27	14°37	6° 5	14° 8	17°D 4	18°27	1°47	19°28	S 30
M31	16 53 49	13♊53'13	0♍25	15♊32	26♉10	3♉ 1	19♌11	19♊34	14♋40	6♓ 5	14♑ 7	17♌ 4	18♌24	1♋54	19♒27	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n29	18n52	1s54	5n 9	3s 6	6n15	1s38	3n24	1s 1	17n15	1n 9	21n48	1s 1	23n21	0n27	10s22	1s 0	24s35	1s50	14n56	14n54	19n32	9s16	6n 7
S 2	16 45	17 3	0 54	5 41	3 3	6 43	1 38	3 42	1 0	17 13	1 9	21 49	1 1	23 21	0 27	10 21	1 0	24 36	1 50	14 56	14 55	19 32	9 16	6 8
M 3	17 2	14 28	0n11	6 13	2 59	7 11	1 37	4 0	1 0	17 12	1 9	21 49	1 0	23 20	0 27	10 21	1 0	24 36	1 50	14 56	14 56	19 33	9 15	6 8
T 4	17 18	11 9	1 16	6 48	2 55	7 39	1 36	4 18	1 0	17 10	1 9	21 50	1 0	23 20	0 27	10 21	1 0	24 36	1 51	14 56	14 57	19 34	9 14	6 8
W 5	17 34	7 14	2 19	7 23	2 50	8 6	1 35	4 36	0 59	17 9	1 8	21 51	1 0	23 20	0 27	10 20	1 0	24 36	1 51	14 57	14 58	19 34	9 14	6 9
T 6	17 50	2 50	3 17	8 0	2 45	8 33	1 35	4 54	0 59	17 7	1 8	21 52	1 0	23 20	0 27	10 20	1 0	24 36	1 51	14 58	14 59	19 35	9 13	6 9
F 7	18 5	1s52	4 6	8 37	2 39	9 1	1 34	5 11	0 58	17 5	1 8	21 53	1 0	23 19	0 27	10 20	1 0	24 37	1 51	15 0	15 0	19 35	9 13	6 9
S 8	18 20	6 37	4 41	9 16	2 33	9 28	1 33	5 29	0 58	17 3	1 8	21 54	1 0	23 19	0 27	10 20	1 0	24 37	1 51	15 3	15 1	19 36	9 12	6 10
S 9	18 35	11 6	4 59	9 55	2 26	9 54	1 32	5 47	0 58	17 2	1 8	21 55	1 0	23 19	0 27	10 19	1 0	24 37	1 51	15 6	15 2	19 37	9 11	6 10
M10	18 50	15 0	4 57	10 35	2 19	10 21	1 30	6 4	0 57	17 0	1 8	21 55	1 0	23 18	0 27	10 19	1 0	24 37	1 51	15 10	15 3	19 37	9 11	6 10
T 11	19 4	17 57	4 35	11 16	2 11	10 47	1 29	6 21	0 57	16 58	1 8	21 56	0 59	23 18	0 27	10 19	1 0	24 37	1 52	15 13	15 4	19 38	9 10	6 11
W12	19 18	19 40	3 53	11 58	2 2	11 14	1 28	6 39	0 56	16 56	1 8	21 57	0 59	23 18	0 27	10 19	1 0	24 38	1 52	15 16	15 5	19 38	9 10	6 11
T 13	19 31	20 0	2 56	12 40	1 54	11 39	1 27	6 56	0 56	16 54	1 7	21 58	0 59	23 18	0 27	10 18	1 0	24 38	1 52	15 18	15 6	19 39	9 10	6 12
F 14	19 44	18 58	1 49	13 22	1 45	12 5	1 25	7 13	0 55	16 52	1 7	21 59	0 59	23 17	0 27	10 18	1 0	24 38	1 52	15 19	15 7	19 39	9 9	6 12
S 15	19 57	16 45	0 36	14 5	1 35	12 31	1 24	7 30	0 55	16 50	1 7	22 0	0 59	23 17	0 27	10 18	1 0	24 38	1 52	15 19	15 8	19 40	9 9	6 12
S 16	20 10	13 36	0s37	14 48	1 25	12 56	1 22	7 47	0 55	16 48	1 7	22 0	0 59	23 17	0 27	10 18	1 0	24 39	1 52	15 19	15 9	19 41	9 8	6 13
M17	20 22	9 48	1 47	15 31	1 15	13 20	1 21	8 4	0 54	16 45	1 7	22 1	0 59	23 16	0 27	10 18	1 0	24 39	1 52	15 19	15 10	19 41	9 8	6 13
T 18	20 34	5 37	2 49	16 14	1 5	13 45	1 19	8 21	0 54	16 43	1 7	22 2	0 59	23 16	0 27	10 17	1 1	24 39	1 53	15 20	15 11	19 42	9 8	6 13
W19	20 45	1 15	3 40	16 57	0 54	14 9	1 18	8 38	0 53	16 41	1 7	22 3	0 59	23 16	0 27	10 17	1 1	24 39	1 53	15 21	15 12	19 42	9 7	6 14
T 20	20 56	3n 5	4 20	17 39	0 43	14 33	1 16	8 55	0 53	16 39	1 6	22 4	0 58	23 15	0 27	10 17	1 1	24 39	1 53	15 23	15 13	19 43	9 7	6 14
F 21	21 7	7 13	4 47	18 20	0 32	14 57	1 14	9 11	0 52	16 36	1 6	22 4	0 58	23 15	0 27	10 17	1 1	24 40	1 53	15 25	15 14	19 43	9 7	6 14
S 22	21 18	10 59	5 0	19 1	0 21	15 20	1 13	9 28	0 52	16 34	1 6	22 5	0 58	23 15	0 27	10 17	1 1	24 40	1 53	15 29	15 15	19 44	9 6	6 15
S 23	21 28	14 16	4 59	19 41	0 10	15 43	1 11	9 44	0 51	16 32	1 6	22 6	0 58	23 14	0 27	10 17	1 1	24 40	1 53	15 33	15 16	19 45	9 6	6 15
M24	21 38	16 55	4 45	20 19	0n 1	16 5	1 9	10 0	0 51	16 29	1 6	22 7	0 58	23 14	0 27	10 17	1 1	24 40	1 53	15 37	15 17	19 45	9 6	6 16
T 25	21 47	18 49	4 18	20 56	0 11	16 27	1 7	10 16	0 50	16 27	1 6	22 7	0 58	23 14	0 27	10 17	1 1	24 41	1 53	15 40	15 18	19 46	9 6	6 16
W26	21 56	19 54	3 40	21 31	0 22	16 49	1 5	10 32	0 50	16 24	1 6	22 8	0 58	23 13	0 27	10 16	1 1	24 41	1 54	15 43	15 19	19 46	9 5	6 16
T 27	22 4	20 6	2 53	22 5	0 32	17 10	1 3	10 48	0 49	16 21	1 6	22 9	0 58	23 13	0 27	10 16	1 1	24 41	1 54	15 46	15 20	19 47	9 5	6 17
F 28	22 13	19 25	1 58	22 36	0 42	17 31	1 1	11 4	0 49	16 19	1 6	22 10	0 58	23 13	0 27	10 16	1 1	24 41	1 54	15 47	15 21	19 47	9 5	6 17
S 29	22 21	17 53	0 57	23 4	0 51	17 51	0 59	11 20	0 48	16 16	1 5	22 10	0 58	23 12	0 27	10 16	1 1	24 42	1 54	15 48	15 22	19 48	9 5	6 17
S 30	22 28	15 32	0n 6	23 31	1 0	18 11	0 57	11 35	0 48	16 13	1 5	22 11	0 57	23 12	0 27	10 16	1 1	24 42	1 54	15 48	15 23	19 48	9 5	6 18
M31	22n35	12n29	1n11	23n54	1n 8	18n30	0s55	11n51	0s47	16n11	1n 5	22n12	0s57	23n12	0n27	10s16	1s 1	24s42	1s54	15n48	15n24	19n49	9s 5	6n18

Julian Day Number = 2097750.5, Delta T = 21m59s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'18, Lahiri = 10°21'18 Julian Calendar 1 May 1031 == Greg. Calendar 7 May 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

JUNE 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 57 46	14♊50'25	12♍51	17♊43	27♉23	3♉45	19♌20	19♊42	14♋43	6♓ 5	14°R 5	17°R 5	18♌21	2♋ 1	19°R26	T 1
W 2	17 1 43	15°47'36	25°39	19°53	28°36	4°28	19°28	19°50	14°46	6° 5	14♑ 4	17♌ 4	18°17	2° 7	19♒25	W 2
T 3	17 5 39	16°44'47	8♎53	22° 2	29°49	5°11	19°37	19°58	14°50	6°R 5	14° 3	17° 2	18°14	2°14	19°24	T 3
F 4	17 9 36	17°41'57	22°36	24°10	1♊ 2	5°54	19°46	20° 6	14°53	6° 5	14° 2	16°58	18°11	2°21	19°23	F 4
S 5	17 13 32	18°39'07	6♏48	26°16	2°15	6°37	19°55	20°13	14°56	6° 5	14° 1	16°52	18° 8	2°27	19°22	S 5
S 6	17 17 29	19°36'16	21°27	28°21	3°29	7°20	20° 4	20°21	15° 0	6° 5	13°59	16°44	18° 5	2°34	19°21	S 6
M 7	17 21 25	20°33'25	6♐28	0♋25	4°42	8° 3	20°13	20°29	15° 3	6° 5	13°58	16°36	18° 1	2°41	19°20	M 7
T 8	17 25 22	21°30'34	21°42	2°26	5°55	8°46	20°22	20°37	15° 7	6° 5	13°57	16°28	17°58	2°47	19°19	T 8
W 9	17 29 18	22°27'42	6♑57	4°26	7° 8	9°29	20°32	20°45	15°10	6° 5	13°55	16°21	17°55	2°54	19°18	W 9
T 10	17 33 15	23°24'51	22° 4	6°24	8°21	10°12	20°41	20°53	15°14	6° 5	13°54	16°17	17°52	3° 1	19°17	T 10
F 11	17 37 12	24°21'59	6♒54	8°20	9°34	10°54	20°51	21° 0	15°17	6° 4	13°53	16°15	17°49	3° 8	19°15	F 11
S 12	17 41 8	25°19'08	21°21	10°14	10°48	11°37	21° 0	21° 8	15°21	6° 4	13°51	16°D15	17°46	3°14	19°14	S 12
S 13	17 45 5	26°16'16	5♓22	12° 6	12° 1	12°19	21°10	21°16	15°24	6° 4	13°50	16°16	17°42	3°21	19°13	S 13
M14	17 49 1	27°13'25	18°57	13°55	13°14	13° 2	21°20	21°24	15°28	6° 3	13°49	16°17	17°39	3°28	19°11	M14
T 15	17 52 58	28°10'35	2♈ 9	15°43	14°27	13°44	21°30	21°32	15°31	6° 3	13°47	16°R17	17°36	3°34	19°10	T 15
W16	17 56 54	29° 7'44	15° 0	17°29	15°41	14°27	21°40	21°39	15°35	6° 3	13°46	16°15	17°33	3°41	19° 8	W16
T 17	18 0 51	0♋ 4'54	27°34	19°13	16°54	15° 9	21°50	21°47	15°38	6° 2	13°45	16°12	17°30	3°48	19° 6	T 17
F 18	18 4 47	1° 2'05	9♉54	20°54	18° 7	15°51	22° 0	21°55	15°42	6° 2	13°43	16° 7	17°27	3°54	19° 5	F 18
S 19	18 8 44	1°59'15	22° 3	22°34	19°21	16°33	22°11	22° 3	15°45	6° 1	13°42	16° 0	17°23	4° 1	19° 3	S 19
S 20	18 12 41	2°56'27	4♊ 4	24°12	20°34	17°15	22°21	22°10	15°49	6° 1	13°40	15°53	17°20	4° 8	19° 1	S 20
M21	18 16 37	3°53'38	15°59	25°47	21°48	17°57	22°31	22°18	15°53	6° 0	13°39	15°45	17°17	4°14	18°59	M21
T 22	18 20 34	4°50'50	27°50	27°21	23° 1	18°39	22°42	22°26	15°56	6° 0	13°38	15°38	17°14	4°21	18°57	T 22
W23	18 24 30	5°48'03	9♋40	28°52	24°15	19°21	22°52	22°34	16° 0	5°59	13°36	15°31	17°11	4°28	18°55	W23
T 24	18 28 27	6°45'15	21°29	0♌21	25°28	20° 3	23° 3	22°41	16° 3	5°59	13°35	15°27	17° 7	4°34	18°54	T 24
F 25	18 32 23	7°42'28	3♌20	1°48	26°42	20°45	23°14	22°49	16° 7	5°58	13°33	15°25	17° 4	4°41	18°52	F 25
S 26	18 36 20	8°39'41	15°15	3°14	27°55	21°26	23°25	22°57	16°11	5°57	13°32	15°D24	17° 1	4°48	18°49	S 26
S 27	18 40 16	9°36'55	27°19	4°36	29° 9	22° 8	23°36	23° 4	16°14	5°56	13°30	15°24	16°58	4°54	18°47	S 27
M28	18 44 13	10°34'08	9♍33	5°57	0♋22	22°49	23°47	23°12	16°18	5°56	13°29	15°26	16°55	5° 1	18°45	M28
T 29	18 48 10	11°31'22	22° 2	7°15	1°36	23°31	23°58	23°19	16°22	5°55	13°28	15°27	16°52	5° 8	18°43	T 29
W30	18 52 6	12♋28'36	4♎50	8♌32	2♋50	24♉12	24♌ 9	23♊27	16♋25	5♓54	13♑26	15♌29	16♌48	5♋15	18♒41	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n42	8n49	2n13	24n15	1n16	18n49	0s53	12n 6	0s46	16n 8	1n 5	22n13	0s57	23n11	0n27	10s16	1s 1	24s42	1s54	15n48	15n25	19n49	9s 5	6n18
W 2	22 48	4 39	3 11	24 34	1 23	19 8	0 50	12 21	0 46	16 5	1 5	22 13	0 57	23 11	0 27	10 16	1 1	24 43	1 54	15 48	15 26	19 50	9 4	6 19
T 3	22 54	0 9	4 1	24 49	1 30	19 26	0 48	12 36	0 45	16 2	1 5	22 14	0 57	23 11	0 27	10 16	1 1	24 43	1 54	15 49	15 27	19 50	9 4	6 19
F 4	22 59	4s32	4 39	25 2	1 36	19 43	0 46	12 51	0 45	15 59	1 5	22 15	0 57	23 10	0 27	10 16	1 1	24 43	1 55	15 50	15 27	19 51	9 4	6 19
S 5	23 5	9 7	5 1	25 11	1 41	20 0	0 44	13 6	0 44	15 56	1 5	22 15	0 57	23 10	0 27	10 16	1 1	24 43	1 55	15 52	15 28	19 51	9 4	6 20
S 6	23 9	13 19	5 4	25 18	1 45	20 17	0 41	13 21	0 44	15 53	1 5	22 16	0 57	23 9	0 27	10 17	1 1	24 44	1 55	15 54	15 29	19 52	9 4	6 20
M 7	23 13	16 47	4 47	25 22	1 49	20 33	0 39	13 35	0 43	15 50	1 5	22 16	0 57	23 9	0 27	10 17	1 1	24 44	1 55	15 57	15 30	19 52	9 4	6 20
T 8	23 17	19 8	4 10	25 24	1 52	20 48	0 37	13 50	0 42	15 47	1 4	22 17	0 57	23 9	0 27	10 17	1 1	24 44	1 55	15 59	15 31	19 53	9 4	6 21
W 9	23 21	20 8	3 15	25 23	1 54	21 3	0 34	14 4	0 42	15 44	1 4	22 18	0 57	23 8	0 27	10 17	1 1	24 44	1 55	16 1	15 32	19 53	9 5	6 21
T 10	23 24	19 40	2 6	25 20	1 55	21 17	0 32	14 18	0 41	15 41	1 4	22 18	0 57	23 8	0 27	10 17	1 2	24 45	1 55	16 2	15 33	19 54	9 5	6 21
F 11	23 27	17 50	0 50	25 14	1 56	21 31	0 30	14 32	0 41	15 38	1 4	22 19	0 56	23 7	0 27	10 17	1 2	24 45	1 55	16 3	15 34	19 54	9 5	6 22
S 12	23 29	14 54	0s27	25 6	1 56	21 44	0 27	14 46	0 40	15 35	1 4	22 20	0 56	23 7	0 27	10 17	1 2	24 45	1 56	16 3	15 35	19 55	9 5	6 22
S 13	23 31	11 10	1 41	24 56	1 55	21 56	0 25	14 59	0 39	15 32	1 4	22 20	0 56	23 7	0 27	10 17	1 2	24 45	1 56	16 3	15 36	19 55	9 5	6 22
M14	23 32	6 57	2 47	24 43	1 54	22 8	0 22	15 13	0 39	15 28	1 4	22 21	0 56	23 6	0 27	10 17	1 2	24 46	1 56	16 2	15 37	19 56	9 5	6 22
T 15	23 33	2 32	3 42	24 29	1 52	22 19	0 20	15 26	0 38	15 25	1 4	22 21	0 56	23 6	0 27	10 18	1 2	24 46	1 56	16 2	15 38	19 56	9 5	6 23
W16	23 34	1n53	4 24	24 14	1 50	22 30	0 17	15 39	0 38	15 22	1 4	22 22	0 56	23 5	0 27	10 18	1 2	24 46	1 56	16 3	15 39	19 57	9 6	6 23
T 17	23 34	6 7	4 52	23 56	1 47	22 40	0 15	15 53	0 37	15 18	1 4	22 22	0 56	23 5	0 27	10 18	1 2	24 46	1 56	16 4	15 40	19 57	9 6	6 23
F 18	23 34	10 0	5 7	23 37	1 43	22 49	0 13	16 5	0 36	15 15	1 4	22 23	0 56	23 5	0 27	10 18	1 2	24 47	1 56	16 5	15 41	19 57	9 6	6 24
S 19	23 33	13 26	5 7	23 17	1 38	22 58	0 10	16 18	0 36	15 11	1 3	22 24	0 56	23 4	0 27	10 18	1 2	24 47	1 56	16 7	15 42	19 58	9 6	6 24
S 20	23 32	16 16	4 53	22 55	1 34	23 6	0 8	16 31	0 35	15 8	1 3	22 24	0 56	23 4	0 27	10 19	1 2	24 47	1 56	16 10	15 43	19 58	9 7	6 24
M21	23 30	18 24	4 27	22 32	1 28	23 13	0 5	16 43	0 34	15 4	1 3	22 25	0 56	23 3	0 27	10 19	1 2	24 47	1 56	16 12	15 44	19 59	9 7	6 24
T 22	23 28	19 43	3 49	22 9	1 22	23 20	0 3	16 56	0 34	15 1	1 3	22 25	0 56	23 3	0 27	10 19	1 2	24 48	1 57	16 14	15 45	19 59	9 7	6 25
W23	23 26	20 11	3 2	21 44	1 16	23 26	0 0	17 8	0 33	14 57	1 3	22 26	0 56	23 2	0 27	10 19	1 2	24 48	1 57	16 16	15 46	20 0	9 7	6 25
T 24	23 23	19 45	2 7	21 18	1 9	23 31	0n 2	17 20	0 32	14 54	1 3	22 26	0 56	23 2	0 27	10 20	1 2	24 48	1 57	16 17	15 47	20 0	9 8	6 25
F 25	23 20	18 27	1 5	20 52	1 2	23 36	0 5	17 31	0 32	14 50	1 3	22 27	0 56	23 2	0 27	10 20	1 2	24 48	1 57	16 18	15 48	20 0	9 8	6 25
S 26	23 17	16 20	0 1	20 25	0 54	23 40	0 7	17 43	0 31	14 47	1 3	22 27	0 55	23 1	0 27	10 20	1 2	24 49	1 57	16 18	15 49	20 1	9 9	6 26
S 27	23 13	13 29	1n 5	19 57	0 46	23 43	0 9	17 55	0 30	14 43	1 3	22 27	0 55	23 1	0 27	10 21	1 2	24 49	1 57	16 18	15 50	20 1	9 9	6 26
M28	23 8	10 0	2 8	19 29	0 37	23 46	0 12	18 6	0 29	14 39	1 3	22 28	0 55	23 0	0 27	10 21	1 2	24 49	1 57	16 18	15 51	20 2	9 9	6 26
T 29	23 4	6 2	3 7	19 0	0 28	23 47	0 14	18 17	0 29	14 35	1 3	22 28	0 55	23 0	0 27	10 21	1 2	24 49	1 57	16 17	15 52	20 2	9 10	6 26
W30	22n58	1n43	3n58	18n32	0n19	23n49	0n17	18n28	0s28	14n32	1n 3	22n29	0s55	22n59	0n27	10s22	1s 2	24s50	1s57	16n17	15n53	20n 3	9s10	6n27

Julian Day Number = 2097781.5, Delta T = 21m59s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'22, Lahiri = 10°21'23 Julian Calendar 1 June 1031 == Greg. Calendar 7 June 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

JULY 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 56 3	13♋25'50	18♎ 0	9♌45	4♋ 3	24♉53	24♌20	23♊35	16♋29	5°R53	13°R25	15°R29	16♌45	5♋21	18°R39	T 1
F 2	18 59 59	14°23'05	1♏36	10°57	5°17	25°34	24°31	23°42	16°33	5♓52	13♑23	15♌28	16°42	5°28	18♒36	F 2
S 3	19 3 56	15°20'20	15°39	12° 6	6°30	26°15	24°43	23°50	16°36	5°52	13°22	15°25	16°39	5°35	18°34	S 3
S 4	19 7 52	16°17'36	0♐ 8	13°12	7°44	26°56	24°54	23°57	16°40	5°51	13°20	15°22	16°36	5°41	18°32	S 4
M 5	19 11 49	17°14'52	14°59	14°16	8°58	27°37	25° 5	24° 4	16°44	5°50	13°19	15°18	16°33	5°48	18°29	M 5
T 6	19 15 45	18°12'08	0♑ 6	15°16	10°12	28°18	25°17	24°12	16°47	5°49	13°17	15°14	16°29	5°55	18°27	T 6
W 7	19 19 42	19° 9'25	15°19	16°14	11°25	28°59	25°28	24°19	16°51	5°48	13°16	15°11	16°26	6° 1	18°24	W 7
T 8	19 23 39	20° 6'43	0♒28	17° 9	12°39	29°40	25°40	24°27	16°55	5°47	13°15	15°10	16°23	6° 8	18°22	T 8
F 9	19 27 35	21° 4'02	15°24	18° 1	13°53	0♊20	25°52	24°34	16°58	5°46	13°13	15°D 9	16°20	6°15	18°19	F 9
S 10	19 31 32	22° 1'22	0♓ 0	18°50	15° 7	1° 1	26° 3	24°41	17° 2	5°45	13°12	15°10	16°17	6°21	18°17	S 10
S 11	19 35 28	22°58'42	14°12	19°35	16°21	1°41	26°15	24°48	17° 6	5°44	13°10	15°11	16°13	6°28	18°14	S 11
M12	19 39 25	23°56'04	27°56	20°17	17°34	2°22	26°27	24°56	17° 9	5°43	13° 9	15°12	16°10	6°35	18°11	M12
T 13	19 43 21	24°53'27	11♈14	20°55	18°48	3° 2	26°39	25° 3	17°13	5°41	13° 8	15°13	16° 7	6°41	18° 9	T 13
W14	19 47 18	25°50'51	24° 8	21°29	20° 2	3°42	26°51	25°10	17°17	5°40	13° 6	15°R14	16° 4	6°48	18° 6	W14
T 15	19 51 14	26°48'17	6♉42	21°59	21°16	4°22	27° 3	25°17	17°20	5°39	13° 5	15°14	16° 1	6°55	18° 3	T 15
F 16	19 55 11	27°45'43	18°59	22°25	22°30	5° 2	27°15	25°24	17°24	5°38	13° 3	15°12	15°58	7° 1	18° 0	F 16
S 17	19 59 8	28°43'11	1♊ 4	22°46	23°44	5°42	27°27	25°31	17°28	5°37	13° 2	15°11	15°54	7° 8	17°58	S 17
S 18	20 3 4	29°40'41	13° 0	23° 2	24°58	6°22	27°39	25°38	17°31	5°35	13° 1	15° 8	15°51	7°15	17°55	S 18
M19	20 7 1	0♌38'12	24°51	23°14	26°12	7° 2	27°51	25°45	17°35	5°34	12°59	15° 6	15°48	7°21	17°52	M19
T 20	20 10 57	1°35'44	6♋40	23°21	27°26	7°42	28° 4	25°52	17°38	5°33	12°58	15° 4	15°45	7°28	17°49	T 20
W21	20 14 54	2°33'17	18°30	23°R22	28°40	8°21	28°16	25°59	17°42	5°31	12°57	15° 3	15°42	7°35	17°46	W21
T 22	20 18 50	3°30'52	0♌22	23°18	29°54	9° 1	28°28	26° 5	17°46	5°30	12°55	15° 2	15°39	7°41	17°44	T 22
F 23	20 22 47	4°28'27	12°20	23° 9	1♌ 9	9°40	28°41	26°12	17°49	5°29	12°54	15°D 1	15°35	7°48	17°41	F 23
S 24	20 26 43	5°26'04	24°25	22°54	2°23	10°20	28°53	26°19	17°53	5°27	12°53	15° 1	15°32	7°55	17°38	S 24
S 25	20 30 40	6°23'42	6♍40	22°33	3°37	10°59	29° 5	26°26	17°56	5°26	12°51	15° 2	15°29	8° 1	17°35	S 25
M26	20 34 37	7°21'21	19° 5	22° 8	4°51	11°38	29°18	26°32	18° 0	5°25	12°50	15° 2	15°26	8° 8	17°32	M26
T 27	20 38 33	8°19'02	1♎45	21°37	6° 5	12°17	29°30	26°39	18° 3	5°23	12°49	15° 3	15°23	8°15	17°29	T 27
W28	20 42 30	9°16'43	14°40	21° 1	7°19	12°56	29°43	26°45	18° 7	5°22	12°48	15° 4	15°19	8°21	17°26	W28
T 29	20 46 26	10°14'26	27°53	20°20	8°34	13°35	29°56	26°52	18°10	5°20	12°46	15° 4	15°16	8°28	17°23	T 29
F 30	20 50 23	11°12'09	11♏26	19°35	9°48	14°14	0♍ 8	26°58	18°14	5°19	12°45	15°R 4	15°13	8°35	17°20	F 30
S 31	20 54 19	12♌ 9'54	25♏20	18♌47	11♌ 2	14♊52	0♍21	27♊ 4	18♋17	5♓17	12♑44	15♌ 4	15♌10	8♋41	17♒17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n53	2s49	4n38	18n 3	0n 9	23n49	0n19	18n39	0s27	14n28	1n 3	22n29	0s55	22n59	0n27	10s22	1s 2	24s50	1s57	16n17	15n54	20n 3	9s11	6n27
F 2	22 47	7 20	5 4	17 33	0s 1	23 49	0 21	18 49	0 27	14 24	1 3	22 30	0 55	22 58	0 27	10 22	1 2	24 50	1 58	16 17	15 55	20 3	9 11	6 27
S 3	22 41	11 37	5 13	17 4	0 12	23 48	0 24	19 0	0 26	14 20	1 3	22 30	0 55	22 58	0 27	10 23	1 2	24 50	1 58	16 18	15 56	20 4	9 12	6 27
S 4	22 34	15 21	5 3	16 35	0 22	23 46	0 26	19 10	0 25	14 16	1 3	22 30	0 55	22 58	0 27	10 23	1 3	24 51	1 58	16 19	15 57	20 4	9 12	6 27
M 5	22 27	18 12	4 33	16 6	0 33	23 44	0 28	19 20	0 24	14 12	1 2	22 31	0 55	22 57	0 27	10 23	1 3	24 51	1 58	16 20	15 58	20 4	9 13	6 28
T 6	22 19	19 51	3 43	15 38	0 45	23 40	0 30	19 30	0 24	14 8	1 2	22 31	0 55	22 57	0 27	10 24	1 3	24 51	1 58	16 21	15 59	20 5	9 13	6 28
W 7	22 11	20 5	2 37	15 9	0 56	23 37	0 33	19 40	0 23	14 4	1 2	22 32	0 55	22 56	0 27	10 24	1 3	24 51	1 58	16 22	15 59	20 5	9 14	6 28
T 8	22 3	18 51	1 20	14 42	1 8	23 32	0 35	19 49	0 22	14 0	1 2	22 32	0 55	22 56	0 27	10 25	1 3	24 51	1 58	16 22	16 0	20 6	9 15	6 28
F 9	21 54	16 19	0s 1	14 14	1 20	23 27	0 37	19 59	0 21	13 56	1 2	22 32	0 55	22 55	0 27	10 25	1 3	24 52	1 58	16 22	16 1	20 6	9 15	6 28
S 10	21 45	12 47	1 21	13 48	1 32	23 21	0 39	20 8	0 21	13 52	1 2	22 33	0 55	22 55	0 27	10 25	1 3	24 52	1 58	16 22	16 2	20 6	9 16	6 29
S 11	21 36	8 36	2 33	13 22	1 44	23 14	0 41	20 17	0 20	13 48	1 2	22 33	0 55	22 54	0 27	10 26	1 3	24 52	1 58	16 22	16 3	20 7	9 16	6 29
M12	21 26	4 6	3 35	12 57	1 57	23 7	0 43	20 26	0 19	13 44	1 2	22 33	0 55	22 54	0 27	10 26	1 3	24 52	1 58	16 22	16 4	20 7	9 17	6 29
T 13	21 16	0n27	4 22	12 33	2 9	22 59	0 45	20 34	0 18	13 40	1 2	22 34	0 55	22 53	0 27	10 27	1 3	24 53	1 58	16 21	16 5	20 7	9 18	6 29
W14	21 5	4 50	4 55	12 11	2 22	22 50	0 47	20 43	0 17	13 36	1 2	22 34	0 55	22 53	0 27	10 27	1 3	24 53	1 59	16 21	16 6	20 8	9 18	6 29
T 15	20 54	8 54	5 12	11 49	2 34	22 41	0 49	20 51	0 17	13 32	1 2	22 34	0 55	22 53	0 27	10 28	1 3	24 53	1 59	16 21	16 7	20 8	9 19	6 29
F 16	20 43	12 30	5 15	11 29	2 47	22 31	0 51	20 59	0 16	13 28	1 2	22 34	0 55	22 52	0 27	10 28	1 3	24 53	1 59	16 21	16 8	20 8	9 20	6 29
S 17	20 31	15 31	5 4	11 11	2 59	22 20	0 53	21 7	0 15	13 23	1 2	22 35	0 55	22 52	0 27	10 29	1 3	24 53	1 59	16 22	16 9	20 9	9 21	6 30
S 18	20 19	17 51	4 39	10 54	3 11	22 9	0 55	21 15	0 14	13 19	1 2	22 35	0 55	22 51	0 27	10 29	1 3	24 54	1 59	16 23	16 10	20 9	9 21	6 30
M19	20 7	19 25	4 3	10 39	3 23	21 57	0 57	21 22	0 13	13 15	1 2	22 35	0 54	22 51	0 27	10 30	1 3	24 54	1 59	16 23	16 11	20 9	9 22	6 30
T 20	19 54	20 7	3 17	10 26	3 34	21 44	0 58	21 30	0 13	13 11	1 2	22 35	0 54	22 50	0 27	10 30	1 3	24 54	1 59	16 24	16 12	20 10	9 23	6 30
W21	19 41	19 56	2 22	10 15	3 45	21 31	1 0	21 37	0 12	13 6	1 2	22 36	0 54	22 50	0 27	10 31	1 3	24 54	1 59	16 24	16 13	20 10	9 24	6 30
T 22	19 28	18 52	1 20	10 7	3 55	21 17	1 2	21 44	0 11	13 2	1 2	22 36	0 54	22 49	0 27	10 31	1 3	24 54	1 59	16 25	16 14	20 10	9 24	6 30
F 23	19 14	16 57	0 15	10 1	4 5	21 2	1 3	21 51	0 10	12 58	1 2	22 36	0 54	22 49	0 27	10 32	1 3	24 55	1 59	16 25	16 15	20 11	9 25	6 30
S 24	19 1	14 16	0n52	9 57	4 14	20 47	1 5	21 58	0 9	12 53	1 2	22 36	0 54	22 48	0 27	10 32	1 3	24 55	1 59	16 25	16 16	20 11	9 26	6 30
S 25	18 46	10 56	1 57	9 56	4 22	20 31	1 6	22 4	0 8	12 49	1 2	22 37	0 54	22 48	0 27	10 33	1 3	24 55	1 59	16 25	16 17	20 11	9 27	6 30
M26	18 32	7 4	2 58	9 58	4 29	20 15	1 8	22 10	0 8	12 44	1 2	22 37	0 54	22 48	0 27	10 33	1 3	24 55	1 59	16 24	16 18	20 12	9 28	6 30
T 27	18 17	2 50	3 51	10 3	4 34	19 58	1 9	22 16	0 7	12 40	1 2	22 37	0 54	22 47	0 27	10 34	1 3	24 55	1 59	16 24	16 18	20 12	9 28	6 30
W28	18 2	1s36	4 34	10 10	4 38	19 40	1 10	22 22	0 6	12 36	1 2	22 37	0 54	22 47	0 27	10 34	1 3	24 56	2 0	16 24	16 19	20 12	9 29	6 30
T 29	17 46	6 3	5 3	10 20	4 41	19 22	1 12	22 28	0 5	12 31	1 2	22 37	0 54	22 46	0 27	10 35	1 3	24 56	2 0	16 24	16 20	20 13	9 30	6 30
F 30	17 30	10 19	5 17	10 33	4 42	19 3	1 13	22 33	0 4	12 27	1 2	22 37	0 54	22 46	0 27	10 36	1 3	24 56	2 0	16 24	16 21	20 13	9 31	6 30
S 31	17n14	14s 8	5n13	10n49	4s41	18n44	1n14	22n39	0s 3	12n22	1n 2	22n38	0s54	22n45	0n27	10s36	1s 3	24s56	2s 0	16n24	16n22	20n13	9s32	6n30

Julian Day Number = 2097811.5, Delta T = 21m58s
Ecliptic obliquity = 23°33'46, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'26, Lahiri = 10°21'27 Julian Calendar 1 July 1031 == Greg. Calendar 7 July 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

AUGUST 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 58 16	13♌ 7'40	9♐35	17°R57	12♌16	15♊31	0♍33	27♊11	18♋21	5°R16	12°R43	15°R 4	15♌ 7	8♋48	17°R14	S 1
M 2	21 2 12	14° 5'28	24° 8	17♌ 4	13°31	16°10	0°46	27°17	18°24	5♓14	12♑41	15♌ 4	15° 4	8°55	17♒11	M 2
T 3	21 6 9	15° 3'16	8♑55	16°11	14°45	16°48	0°59	27°23	18°27	5°13	12°40	15°D 4	15° 0	9° 2	17° 8	T 3
W 4	21 10 6	16° 1'06	23°51	15°18	15°59	17°26	1°12	27°29	18°31	5°11	12°39	15° 4	14°57	9° 8	17° 5	W 4
T 5	21 14 2	16°58'57	8♒47	14°26	17°14	18° 4	1°24	27°35	18°34	5°10	12°38	15°R 4	14°54	9°15	17° 2	T 5
F 6	21 17 59	17°56'50	23°36	13°37	18°28	18°43	1°37	27°41	18°37	5° 8	12°37	15° 4	14°51	9°22	16°59	F 6
S 7	21 21 55	18°54'44	8♓10	12°51	19°42	19°21	1°50	27°47	18°41	5° 7	12°36	15° 4	14°48	9°28	16°56	S 7
S 8	21 25 52	19°52'40	22°24	12°10	20°57	19°59	2° 3	27°53	18°44	5° 5	12°35	15° 3	14°45	9°35	16°53	S 8
M 9	21 29 48	20°50'38	6♈13	11°34	22°11	20°36	2°16	27°59	18°47	5° 4	12°34	15° 3	14°41	9°42	16°50	M 9
T 10	21 33 45	21°48'38	19°37	11° 5	23°26	21°14	2°28	28° 4	18°51	5° 2	12°33	15° 2	14°38	9°48	16°47	T 10
W11	21 37 41	22°46'39	2♉36	10°42	24°40	21°52	2°41	28°10	18°54	5° 0	12°32	15° 1	14°35	9°55	16°44	W11
T 12	21 41 38	23°44'43	15°13	10°27	25°55	22°29	2°54	28°15	18°57	4°59	12°31	15° 1	14°32	10° 2	16°41	T 12
F 13	21 45 35	24°42'48	27°32	10°D21	27° 9	23° 7	3° 7	28°21	19° 0	4°57	12°30	15°D 1	14°29	10° 8	16°38	F 13
S 14	21 49 31	25°40'56	9♊36	10°22	28°24	23°44	3°20	28°26	19° 3	4°55	12°29	15° 1	14°25	10°15	16°35	S 14
S 15	21 53 28	26°39'05	21°31	10°33	29°38	24°21	3°33	28°32	19° 6	4°54	12°28	15° 2	14°22	10°22	16°32	S 15
M16	21 57 24	27°37'17	3♋21	10°52	0♍53	24°58	3°46	28°37	19° 9	4°52	12°27	15° 3	14°19	10°28	16°29	M16
T 17	22 1 21	28°35'31	15°10	11°19	2° 7	25°35	3°59	28°42	19°12	4°51	12°26	15° 4	14°16	10°35	16°27	T 17
W18	22 5 17	29°33'46	27° 2	11°55	3°22	26°12	4°12	28°47	19°16	4°49	12°25	15° 5	14°13	10°42	16°24	W18
T 19	22 9 14	0♍32'04	9♌ 1	12°40	4°36	26°49	4°25	28°52	19°18	4°47	12°24	15°R 6	14°10	10°48	16°21	T 19
F 20	22 13 10	1°30'23	21° 8	13°32	5°51	27°26	4°38	28°57	19°21	4°46	12°23	15° 6	14° 6	10°55	16°18	F 20
S 21	22 17 7	2°28'44	3♍27	14°31	7° 6	28° 2	4°51	29° 2	19°24	4°44	12°22	15° 5	14° 3	11° 2	16°15	S 21
S 22	22 21 4	3°27'08	15°58	15°38	8°20	28°39	5° 4	29° 7	19°27	4°42	12°22	15° 3	14° 0	11° 8	16°12	S 22
M23	22 25 0	4°25'33	28°42	16°51	9°35	29°15	5°17	29°12	19°30	4°41	12°21	15° 1	13°57	11°15	16° 9	M23
T 24	22 28 57	5°23'59	11♎40	18°10	10°49	29°51	5°30	29°16	19°33	4°39	12°20	14°58	13°54	11°22	16° 7	T 24
W25	22 32 53	6°22'28	24°52	19°35	12° 4	0♋27	5°43	29°21	19°36	4°37	12°19	14°55	13°50	11°28	16° 4	W25
T 26	22 36 50	7°20'58	8♏18	21° 4	13°19	1° 3	5°56	29°25	19°39	4°36	12°19	14°52	13°47	11°35	16° 1	T 26
F 27	22 40 46	8°19'30	21°57	22°38	14°33	1°39	6° 9	29°30	19°41	4°34	12°18	14°50	13°44	11°42	15°58	F 27
S 28	22 44 43	9°18'04	5♐49	24°15	15°48	2°14	6°22	29°34	19°44	4°32	12°17	14°D49	13°41	11°48	15°56	S 28
S 29	22 48 39	10°16'39	19°54	25°56	17° 3	2°50	6°35	29°38	19°47	4°31	12°17	14°50	13°38	11°55	15°53	S 29
M30	22 52 36	11°15'16	4♑10	27°39	18°17	3°25	6°48	29°42	19°49	4°29	12°16	14°51	13°35	12° 2	15°51	M30
T 31	22 56 32	12♍13'55	18♑35	29♌24	19♍32	4♋ 1	7♍ 1	29♊47	19♋52	4♓27	12♑16	14♌52	13♌31	12♋ 8	15♒48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n58	17s14	4n49	11n 7	4s38	18n24	1n15	22n44	0s 2	12n18	1n 2	22n38	0s54	22n45	0n27	10s37	1s 3	24s56	2s 0	16n24	16n23	20n13	9s33	6n30
M 2	16 41	19 19	4 7	11 27	4 34	18 4	1 16	22 49	0 2	12 13	1 2	22 38	0 54	22 44	0 27	10 37	1 3	24 57	2 0	16 24	16 24	20 14	9 34	6 30
T 3	16 24	20 8	3 8	11 49	4 27	17 43	1 17	22 54	0 1	12 9	1 2	22 38	0 54	22 44	0 27	10 38	1 3	24 57	2 0	16 24	16 25	20 14	9 34	6 30
W 4	16 7	19 33	1 55	12 12	4 19	17 22	1 18	22 58	0n 0	12 4	1 2	22 38	0 54	22 43	0 27	10 38	1 3	24 57	2 0	16 24	16 26	20 14	9 35	6 30
T 5	15 50	17 36	0 35	12 37	4 9	17 0	1 19	23 3	0 1	11 59	1 2	22 38	0 54	22 43	0 27	10 39	1 3	24 57	2 0	16 24	16 27	20 14	9 36	6 30
F 6	15 32	14 28	0s47	13 3	3 57	16 38	1 20	23 7	0 2	11 55	1 2	22 38	0 54	22 43	0 27	10 40	1 3	24 57	2 0	16 24	16 28	20 15	9 37	6 30
S 7	15 14	10 29	2 5	13 28	3 43	16 15	1 21	23 11	0 3	11 50	1 2	22 39	0 54	22 42	0 27	10 40	1 4	24 57	2 0	16 24	16 29	20 15	9 38	6 30
S 8	14 56	5 59	3 13	13 54	3 28	15 52	1 21	23 15	0 4	11 46	1 2	22 39	0 54	22 42	0 27	10 41	1 4	24 57	2 0	16 24	16 30	20 15	9 39	6 30
M 9	14 37	1 18	4 8	14 19	3 12	15 29	1 22	23 19	0 5	11 41	1 2	22 39	0 54	22 41	0 27	10 41	1 4	24 58	2 0	16 24	16 31	20 15	9 40	6 30
T 10	14 19	3n17	4 47	14 44	2 55	15 5	1 23	23 22	0 6	11 36	1 2	22 39	0 54	22 41	0 27	10 42	1 4	24 58	2 0	16 25	16 32	20 16	9 41	6 30
W11	14 0	7 35	5 10	15 7	2 38	14 40	1 23	23 25	0 7	11 32	1 2	22 39	0 54	22 40	0 27	10 43	1 4	24 58	2 0	16 25	16 33	20 16	9 42	6 30
T 12	13 40	11 25	5 17	15 28	2 19	14 15	1 24	23 29	0 8	11 27	1 2	22 39	0 54	22 40	0 27	10 43	1 4	24 58	2 0	16 25	16 33	20 16	9 43	6 30
F 13	13 21	14 41	5 10	15 48	2 1	13 50	1 24	23 32	0 9	11 22	1 2	22 39	0 54	22 40	0 27	10 44	1 4	24 58	2 0	16 25	16 34	20 16	9 44	6 30
S 14	13 1	17 15	4 49	16 5	1 42	13 25	1 24	23 34	0 10	11 18	1 2	22 39	0 54	22 39	0 27	10 44	1 4	24 58	2 0	16 25	16 35	20 17	9 45	6 30
S 15	12 42	19 3	4 15	16 20	1 24	12 59	1 24	23 37	0 11	11 13	1 2	22 39	0 54	22 39	0 27	10 45	1 4	24 59	2 1	16 25	16 36	20 17	9 46	6 30
M16	12 22	20 0	3 31	16 33	1 6	12 32	1 25	23 39	0 11	11 8	1 2	22 39	0 54	22 38	0 27	10 46	1 4	24 59	2 1	16 24	16 37	20 17	9 47	6 30
T 17	12 1	20 4	2 38	16 42	0 48	12 6	1 25	23 42	0 12	11 4	1 2	22 39	0 54	22 38	0 27	10 46	1 4	24 59	2 1	16 24	16 38	20 17	9 48	6 29
W18	11 41	19 15	1 38	16 49	0 31	11 39	1 25	23 44	0 13	10 59	1 2	22 39	0 54	22 37	0 27	10 47	1 4	24 59	2 1	16 24	16 39	20 18	9 48	6 29
T 19	11 20	17 33	0 34	16 52	0 14	11 11	1 25	23 46	0 14	10 54	1 2	22 40	0 54	22 37	0 27	10 48	1 4	24 59	2 1	16 23	16 40	20 18	9 49	6 29
F 20	11 0	15 3	0n33	16 52	0n 1	10 44	1 25	23 48	0 15	10 49	1 2	22 40	0 54	22 37	0 28	10 48	1 4	24 59	2 1	16 23	16 41	20 18	9 50	6 29
S 21	10 39	11 50	1 40	16 49	0 16	10 16	1 25	23 49	0 16	10 45	1 2	22 40	0 54	22 36	0 28	10 49	1 4	24 59	2 1	16 24	16 42	20 18	9 51	6 29
S 22	10 18	8 3	2 42	16 42	0 30	9 47	1 24	23 51	0 17	10 40	1 2	22 40	0 54	22 36	0 28	10 49	1 4	24 59	2 1	16 24	16 43	20 18	9 52	6 29
M23	9 56	3 51	3 38	16 32	0 42	9 19	1 24	23 52	0 18	10 35	1 2	22 40	0 54	22 36	0 28	10 50	1 4	25 0	2 1	16 25	16 44	20 19	9 53	6 29
T 24	9 35	0s36	4 23	16 19	0 54	8 50	1 24	23 53	0 19	10 30	1 2	22 40	0 54	22 35	0 28	10 51	1 4	25 0	2 1	16 26	16 45	20 19	9 54	6 29
W25	9 13	5 5	4 56	16 2	1 4	8 21	1 23	23 54	0 20	10 26	1 2	22 40	0 54	22 35	0 28	10 51	1 4	25 0	2 1	16 27	16 45	20 19	9 55	6 28
T 26	8 51	9 24	5 13	15 42	1 13	7 52	1 23	23 55	0 22	10 21	1 2	22 40	0 54	22 34	0 28	10 52	1 4	25 0	2 1	16 27	16 46	20 19	9 56	6 28
F 27	8 29	13 19	5 12	15 19	1 22	7 23	1 22	23 56	0 23	10 16	1 2	22 40	0 54	22 34	0 28	10 52	1 4	25 0	2 1	16 28	16 47	20 19	9 57	6 28
S 28	8 7	16 34	4 54	14 54	1 29	6 53	1 22	23 56	0 24	10 11	1 2	22 40	0 54	22 34	0 28	10 53	1 4	25 0	2 1	16 28	16 48	20 19	9 58	6 28
S 29	7 45	18 53	4 18	14 25	1 35	6 23	1 21	23 57	0 25	10 6	1 2	22 40	0 54	22 33	0 28	10 54	1 4	25 0	2 1	16 28	16 49	20 20	9 59	6 28
M30	7 23	20 5	3 25	13 55	1 40	5 53	1 21	23 57	0 26	10 2	1 3	22 40	0 54	22 33	0 28	10 54	1 4	25 0	2 1	16 28	16 50	20 20	10 0	6 27
T 31	7n 0	19s58	2n20	13n22	1n44	5n23	1n20	23n57	0n27	9n57	1n 3	22n40	0s54	22n33	0n28	10s55	1s 4	25s 0	2s 1	16n27	16n51	20n20	10s 1	6n27

Julian Day Number = 2097842.5, Delta T = 21m58s
Ecliptic obliquity = 23°33'47, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'30, Lahiri = 10°21'31 Julian Calendar 1 Aug. 1031 == Greg. Calendar 7 Aug. 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

SEPTEMBER 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 0 29	13♍12'35	3♒ 5	1♍11	20♍47	4♋36	7♍14	29♊50	19♋54	4°R26	12°R15	14♌53	13♌28	12♋15	15°R45	W 1
T 2	23 4 26	14°11'18	17°37	2°59	22° 2	5°11	7°27	29°54	19°57	4♓24	12♑15	14°R54	13°25	12°22	15♒43	T 2
F 3	23 8 22	15°10'02	2♓ 5	4°48	23°16	5°46	7°40	29°58	19°59	4°23	12°14	14°53	13°22	12°28	15°40	F 3
S 4	23 12 19	16° 8'48	16°24	6°38	24°31	6°20	7°53	0♋ 2	20° 2	4°21	12°14	14°50	13°19	12°35	15°38	S 4
S 5	23 16 15	17° 7'36	0♈28	8°28	25°46	6°55	8° 6	0° 5	20° 4	4°19	12°13	14°46	13°16	12°42	15°36	S 5
M 6	23 20 12	18° 6'26	14°13	10°19	27° 0	7°30	8°19	0° 9	20° 6	4°18	12°13	14°41	13°12	12°48	15°33	M 6
T 7	23 24 8	19° 5'18	27°36	12° 9	28°15	8° 4	8°32	0°12	20° 9	4°16	12°12	14°36	13° 9	12°55	15°31	T 7
W 8	23 28 5	20° 4'13	10♉36	13°59	29°30	8°38	8°44	0°16	20°11	4°15	12°12	14°30	13° 6	13° 2	15°29	W 8
T 9	23 32 1	21° 3'09	23°15	15°48	0♎45	9°12	8°57	0°19	20°13	4°13	12°12	14°26	13° 3	13° 8	15°26	T 9
F 10	23 35 58	22° 2'09	5♊36	17°38	1°59	9°46	9°10	0°22	20°15	4°11	12°12	14°23	13° 0	13°15	15°24	F 10
S 11	23 39 55	23° 1'10	17°41	19°26	3°14	10°20	9°23	0°25	20°18	4°10	12°11	14°21	12°56	13°22	15°22	S 11
S 12	23 43 51	24° 0'14	29°36	21°14	4°29	10°53	9°36	0°28	20°20	4° 8	12°11	14°D21	12°53	13°28	15°20	S 12
M13	23 47 48	24°59'20	11♋26	23° 1	5°44	11°27	9°49	0°31	20°22	4° 7	12°11	14°22	12°50	13°35	15°18	M13
T 14	23 51 44	25°58'29	23°15	24°48	6°58	12° 0	10° 1	0°33	20°24	4° 5	12°11	14°24	12°47	13°42	15°16	T 14
W15	23 55 41	26°57'40	5♌10	26°34	8°13	12°33	10°14	0°36	20°26	4° 4	12°10	14°25	12°44	13°48	15°14	W15
T 16	23 59 37	27°56'53	17°13	28°19	9°28	13° 6	10°27	0°38	20°28	4° 2	12°10	14°R26	12°41	13°55	15°12	T 16
F 17	0 3 34	28°56'09	29°30	0♎ 3	10°43	13°39	10°39	0°41	20°29	4° 1	12°10	14°24	12°37	14° 2	15°10	F 17
S 18	0 7 30	29°55'26	12♍ 2	1°47	11°58	14°12	10°52	0°43	20°31	3°59	12°10	14°21	12°34	14° 8	15° 8	S 18
S 19	0 11 27	0♎54'46	24°51	3°30	13°12	14°44	11° 5	0°45	20°33	3°58	12°10	14°16	12°31	14°15	15° 6	S 19
M20	0 15 24	1°54'08	7♎58	5°12	14°27	15°17	11°17	0°47	20°35	3°57	12°D10	14° 9	12°28	14°22	15° 4	M20
T 21	0 19 20	2°53'32	21°20	6°53	15°42	15°49	11°30	0°49	20°36	3°55	12°10	14° 0	12°25	14°28	15° 3	T 21
W22	0 23 17	3°52'58	4♏57	8°33	16°57	16°21	11°42	0°51	20°38	3°54	12°10	13°52	12°21	14°35	15° 1	W22
T 23	0 27 13	4°52'26	18°45	10°13	18°12	16°52	11°55	0°53	20°40	3°52	12°10	13°44	12°18	14°41	14°59	T 23
F 24	0 31 10	5°51'56	2♐41	11°52	19°26	17°24	12° 7	0°54	20°41	3°51	12°10	13°38	12°15	14°48	14°58	F 24
S 25	0 35 6	6°51'27	16°43	13°30	20°41	17°55	12°20	0°56	20°43	3°50	12°11	13°34	12°12	14°55	14°56	S 25
S 26	0 39 3	7°51'01	0♑49	15° 8	21°56	18°26	12°32	0°57	20°44	3°48	12°11	13°32	12° 9	15° 1	14°55	S 26
M27	0 42 59	8°50'36	14°56	16°45	23°11	18°57	12°44	0°59	20°45	3°47	12°11	13°D32	12° 6	15° 8	14°53	M27
T 28	0 46 56	9°50'13	29° 4	18°21	24°26	19°28	12°57	1° 0	20°47	3°46	12°11	13°32	12° 2	15°15	14°52	T 28
W29	0 50 53	10°49'52	13♒12	19°57	25°40	19°59	13° 9	1° 1	20°48	3°45	12°11	13°R33	11°59	15°21	14°51	W29
T 30	0 54 49	11♎49'33	27♒18	21♎32	26♎55	20♋29	13♍21	1♋ 2	20♋49	3♓43	12♑12	13♌32	11♌56	15♋28	14♒49	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n38	18s31	1n 4	12n46	1n47	4n53	1n19	23n57	0n28	9n52	1n 3	22n40	0s54	22n32	0n28	10s56	1s 4	25s 0	2s 1	16n27	16n52	20n20	10s 2	6n27
T 2	6 15	15 52	0s15	12 9	1 49	4 22	1 18	23 57	0 29	9 47	1 3	22 40	0 54	22 32	0 28	10 56	1 4	25 0	2 1	16 27	16 53	20 20	10 3	6 27
F 3	5 52	12 14	1 33	11 30	1 50	3 52	1 17	23 56	0 30	9 42	1 3	22 40	0 54	22 32	0 28	10 57	1 4	25 1	2 1	16 27	16 54	20 20	10 4	6 27
S 4	5 30	7 54	2 44	10 50	1 51	3 21	1 16	23 56	0 31	9 38	1 3	22 40	0 54	22 31	0 28	10 57	1 4	25 1	2 1	16 28	16 55	20 20	10 5	6 26
S 5	5 7	3 14	3 44	10 9	1 51	2 50	1 15	23 55	0 32	9 33	1 3	22 40	0 54	22 31	0 28	10 58	1 4	25 1	2 1	16 29	16 56	20 21	10 6	6 26
M 6	4 44	1n30	4 29	9 26	1 50	2 19	1 14	23 54	0 33	9 28	1 3	22 40	0 54	22 31	0 28	10 58	1 4	25 1	2 1	16 31	16 56	20 21	10 7	6 26
T 7	4 20	6 2	4 58	8 43	1 49	1 48	1 13	23 53	0 34	9 23	1 3	22 40	0 54	22 30	0 28	10 59	1 4	25 1	2 1	16 32	16 57	20 21	10 7	6 26
W 8	3 57	10 9	5 11	7 58	1 47	1 17	1 11	23 52	0 36	9 18	1 3	22 40	0 54	22 30	0 28	11 0	1 4	25 1	2 1	16 34	16 58	20 21	10 8	6 25
T 9	3 34	13 43	5 8	7 13	1 44	0 46	1 10	23 51	0 37	9 14	1 3	22 40	0 54	22 30	0 28	11 0	1 4	25 1	2 2	16 35	16 59	20 21	10 9	6 25
F 10	3 11	16 35	4 51	6 28	1 41	0 15	1 9	23 50	0 38	9 9	1 3	22 40	0 54	22 29	0 28	11 1	1 4	25 1	2 2	16 36	17 0	20 21	10 10	6 25
S 11	2 47	18 40	4 21	5 42	1 37	0s16	1 7	23 48	0 39	9 4	1 3	22 40	0 54	22 29	0 28	11 1	1 4	25 1	2 2	16 37	17 1	20 21	10 11	6 24
S 12	2 24	19 54	3 40	4 55	1 33	0 47	1 6	23 47	0 40	8 59	1 3	22 40	0 54	22 29	0 28	11 2	1 4	25 1	2 2	16 37	17 2	20 21	10 12	6 24
M13	2 0	20 15	2 50	4 9	1 29	1 18	1 4	23 45	0 41	8 55	1 3	22 40	0 54	22 28	0 28	11 2	1 4	25 1	2 2	16 36	17 3	20 22	10 13	6 24
T 14	1 36	19 42	1 53	3 22	1 25	1 49	1 3	23 43	0 43	8 50	1 4	22 40	0 54	22 28	0 28	11 3	1 4	25 1	2 2	16 36	17 4	20 22	10 14	6 24
W15	1 13	18 16	0 50	2 35	1 20	2 21	1 1	23 42	0 44	8 45	1 4	22 40	0 54	22 28	0 28	11 4	1 4	25 1	2 2	16 35	17 5	20 22	10 15	6 23
T 16	0 49	16 0	0n15	1 49	1 14	2 52	0 59	23 40	0 45	8 40	1 4	22 40	0 54	22 28	0 28	11 4	1 4	25 1	2 2	16 35	17 6	20 22	10 15	6 23
F 17	0 26	12 58	1 21	1 2	1 9	3 23	0 58	23 37	0 46	8 35	1 4	22 40	0 54	22 27	0 28	11 5	1 4	25 1	2 2	16 36	17 6	20 22	10 16	6 23
S 18	0 2	9 18	2 24	0 15	1 3	3 54	0 56	23 35	0 47	8 31	1 4	22 40	0 54	22 27	0 28	11 5	1 4	25 1	2 2	16 37	17 7	20 22	10 17	6 22
S 19	0s22	5 7	3 21	0s31	0 57	4 25	0 54	23 33	0 49	8 26	1 4	22 40	0 54	22 27	0 28	11 6	1 4	25 1	2 2	16 38	17 8	20 22	10 18	6 22
M20	0 46	0 38	4 8	1 17	0 51	4 56	0 52	23 31	0 50	8 21	1 4	22 40	0 54	22 27	0 28	11 6	1 4	25 1	2 2	16 40	17 9	20 22	10 19	6 22
T 21	1 9	3s59	4 43	2 3	0 45	5 26	0 50	23 28	0 51	8 17	1 4	22 40	0 54	22 27	0 28	11 7	1 4	25 2	2 2	16 43	17 10	20 22	10 20	6 21
W22	1 33	8 29	5 3	2 49	0 39	5 57	0 48	23 25	0 52	8 12	1 4	22 40	0 54	22 26	0 28	11 7	1 4	25 2	2 2	16 45	17 11	20 22	10 20	6 21
T 23	1 57	12 36	5 6	3 34	0 32	6 28	0 46	23 23	0 54	8 7	1 4	22 40	0 54	22 26	0 28	11 8	1 4	25 2	2 2	16 47	17 12	20 22	10 21	6 21
F 24	2 20	16 4	4 50	4 19	0 26	6 58	0 44	23 20	0 55	8 2	1 4	22 40	0 54	22 26	0 29	11 8	1 4	25 2	2 2	16 49	17 13	20 22	10 22	6 20
S 25	2 44	18 38	4 17	5 4	0 19	7 28	0 42	23 17	0 56	7 58	1 5	22 39	0 54	22 26	0 29	11 9	1 4	25 2	2 2	16 50	17 14	20 22	10 23	6 20
S 26	3 8	20 5	3 29	5 48	0 13	7 58	0 40	23 14	0 58	7 53	1 5	22 39	0 54	22 26	0 29	11 9	1 4	25 2	2 2	16 51	17 14	20 23	10 23	6 20
M27	3 31	20 17	2 27	6 32	0 6	8 28	0 38	23 11	0 59	7 48	1 5	22 39	0 54	22 25	0 29	11 10	1 4	25 2	2 2	16 51	17 15	20 23	10 24	6 19
T 28	3 55	19 12	1 17	7 15	0s 1	8 58	0 35	23 8	1 0	7 44	1 5	22 39	0 54	22 25	0 29	11 10	1 4	25 2	2 2	16 51	17 16	20 23	10 25	6 19
W29	4 18	16 55	0 2	7 58	0 8	9 27	0 33	23 5	1 2	7 39	1 5	22 39	0 54	22 25	0 29	11 10	1 4	25 2	2 2	16 51	17 17	20 23	10 26	6 19
T 30	4s42	13s37	1s13	8s40	0s15	9s57	0n31	23n 2	1n 3	7n35	1n 5	22n39	0s54	22n25	0n29	11s11	1s 4	25s 2	2s 2	16n51	17n18	20n23	10s26	6n18

Julian Day Number = 2097873.5, Delta T = 21m57s
Ecliptic obliquity = 23°33'47, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'35, Lahiri = 10°21'35 Julian Calendar 1 Sept. 1031 == Greg. Calendar 7 Sept. 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

OCTOBER 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 58 46	12♎49'15	11♓19	23♎ 6	28♎10	20♋59	13♍33	1♋ 3	20♋50	3°R42	12♑12	13°R29	11♌53	15♋35	14°R48	F 1
S 2	1 2 42	13°48'59	25°13	24°40	29°25	21°29	13°45	1° 4	20°52	3♓41	12°12	13♌23	11°50	15°41	14♒47	S 2
S 3	1 6 39	14°48'45	8♈56	26°13	0♏39	21°59	13°57	1° 4	20°53	3°40	12°13	13°15	11°47	15°48	14°46	S 3
M 4	1 10 35	15°48'33	22°25	27°46	1°54	22°28	14° 9	1° 5	20°54	3°39	12°13	13° 5	11°43	15°55	14°45	M 4
T 5	1 14 32	16°48'23	5♉38	29°18	3° 9	22°58	14°21	1° 5	20°55	3°38	12°14	12°54	11°40	16° 1	14°44	T 5
W 6	1 18 28	17°48'15	18°32	0♏50	4°24	23°27	14°33	1° 5	20°55	3°36	12°14	12°42	11°37	16° 8	14°43	W 6
T 7	1 22 25	18°48'10	1♊ 8	2°21	5°39	23°56	14°45	1° 6	20°56	3°35	12°15	12°32	11°34	16°15	14°42	T 7
F 8	1 26 21	19°48'06	13°27	3°51	6°53	24°24	14°57	1°R 6	20°57	3°34	12°15	12°24	11°31	16°21	14°42	F 8
S 9	1 30 18	20°48'05	25°31	5°21	8° 8	24°53	15° 9	1° 6	20°58	3°33	12°16	12°19	11°27	16°28	14°41	S 9
S 10	1 34 15	21°48'06	7♋26	6°51	9°23	25°21	15°20	1° 6	20°59	3°32	12°16	12°16	11°24	16°35	14°40	S 10
M11	1 38 11	22°48'09	19°15	8°20	10°38	25°49	15°32	1° 5	20°59	3°31	12°17	12°D14	11°21	16°41	14°40	M11
T 12	1 42 8	23°48'14	1♌ 4	9°48	11°52	26°16	15°43	1° 5	21° 0	3°30	12°17	12°15	11°18	16°48	14°39	T 12
W13	1 46 4	24°48'21	12°58	11°16	13° 7	26°44	15°55	1° 4	21° 0	3°30	12°18	12°R15	11°15	16°55	14°39	W13
T 14	1 50 1	25°48'31	25° 3	12°43	14°22	27°11	16° 6	1° 4	21° 1	3°29	12°19	12°14	11°12	17° 1	14°38	T 14
F 15	1 53 57	26°48'42	7♍24	14°10	15°37	27°38	16°18	1° 3	21° 1	3°28	12°20	12°11	11° 8	17° 8	14°38	F 15
S 16	1 57 54	27°48'56	20° 4	15°36	16°51	28° 4	16°29	1° 2	21° 2	3°27	12°20	12° 6	11° 5	17°15	14°38	S 16
S 17	2 1 50	28°49'12	3♎ 7	17° 1	18° 6	28°30	16°40	1° 1	21° 2	3°26	12°21	11°58	11° 2	17°21	14°37	S 17
M18	2 5 47	29°49'29	16°32	18°26	19°21	28°56	16°51	1° 0	21° 2	3°26	12°22	11°48	10°59	17°28	14°37	M18
T 19	2 9 44	0♏49'49	0♏18	19°50	20°36	29°22	17° 2	0°59	21° 2	3°25	12°23	11°36	10°56	17°35	14°37	T 19
W20	2 13 40	1°50'10	14°22	21°13	21°50	29°47	17°13	0°58	21° 2	3°24	12°24	11°23	10°53	17°41	14°D37	W20
T 21	2 17 37	2°50'33	28°38	22°35	23° 5	0♌12	17°24	0°57	21° 3	3°23	12°24	11°12	10°49	17°48	14°37	T 21
F 22	2 21 33	3°50'57	13♐ 1	23°56	24°20	0°37	17°35	0°55	21°R 3	3°23	12°25	11° 2	10°46	17°55	14°37	F 22
S 23	2 25 30	4°51'24	27°24	25°16	25°35	1° 1	17°46	0°54	21° 3	3°22	12°26	10°55	10°43	18° 1	14°37	S 23
S 24	2 29 26	5°51'51	11♑43	26°35	26°49	1°25	17°56	0°52	21° 2	3°22	12°27	10°51	10°40	18° 8	14°38	S 24
M25	2 33 23	6°52'20	25°56	27°53	28° 4	1°49	18° 7	0°50	21° 2	3°21	12°28	10°50	10°37	18°15	14°38	M25
T 26	2 37 19	7°52'50	10♒ 0	29° 9	29°19	2°13	18°17	0°48	21° 2	3°21	12°29	10°50	10°33	18°21	14°38	T 26
W27	2 41 16	8°53'22	23°55	0♐23	0♐34	2°36	18°28	0°46	21° 2	3°20	12°30	10°50	10°30	18°28	14°39	W27
T 28	2 45 13	9°53'55	7♓41	1°35	1°48	2°58	18°38	0°44	21° 2	3°20	12°31	10°48	10°27	18°35	14°39	T 28
F 29	2 49 9	10°54'29	21°19	2°46	3° 3	3°21	18°48	0°42	21° 1	3°19	12°33	10°44	10°24	18°41	14°40	F 29
S 30	2 53 6	11°55'04	4♈47	3°53	4°18	3°43	18°58	0°39	21° 1	3°19	12°34	10°37	10°21	18°48	14°40	S 30
S 31	2 57 2	12♏55'41	18♈ 6	4♐59	5♐32	4♌ 4	19♍ 8	0♋37	21♋ 0	3♓19	12♑35	10♌26	10♌18	18♋54	14♒41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s 5	9s33	2s23	9s21	0s21	10s26	0n29	22n58	1n 4	7n30	1n 5	22n39	0s54	22n25	0n29	11s11	1s 4	25s 2	2s 2	16n52	17n19	20n23	10s27	6n18
S 2	5 29	5 1	3 23	10 3	0 28	10 55	0 26	22 55	1 6	7 25	1 5	22 39	0 54	22 25	0 29	11 12	1 4	25 2	2 2	16 53	17 20	20 23	10 28	6 18
S 3	5 52	0 17	4 11	10 43	0 35	11 23	0 24	22 52	1 7	7 21	1 5	22 39	0 54	22 24	0 29	11 12	1 4	25 2	2 2	16 56	17 21	20 23	10 28	6 17
M 4	6 15	4n23	4 44	11 23	0 42	11 52	0 22	22 48	1 8	7 16	1 6	22 39	0 54	22 24	0 29	11 13	1 4	25 2	2 2	16 59	17 22	20 23	10 29	6 17
T 5	6 38	8 44	5 1	12 2	0 48	12 20	0 19	22 45	1 10	7 12	1 6	22 39	0 54	22 24	0 29	11 13	1 4	25 2	2 2	17 2	17 22	20 23	10 29	6 16
W 6	7 1	12 36	5 2	12 41	0 55	12 47	0 17	22 41	1 11	7 7	1 6	22 39	0 54	22 24	0 29	11 13	1 4	25 2	2 2	17 5	17 23	20 23	10 30	6 16
T 7	7 24	15 48	4 48	13 19	1 2	13 15	0 14	22 37	1 13	7 3	1 6	22 39	0 54	22 24	0 29	11 14	1 4	25 2	2 2	17 8	17 24	20 23	10 31	6 16
F 8	7 47	18 13	4 20	13 56	1 8	13 42	0 12	22 34	1 14	6 58	1 6	22 39	0 54	22 24	0 29	11 14	1 4	25 2	2 2	17 10	17 25	20 23	10 31	6 15
S 9	8 10	19 47	3 42	14 33	1 14	14 9	0 9	22 30	1 16	6 54	1 6	22 39	0 54	22 24	0 29	11 14	1 4	25 2	2 2	17 12	17 26	20 23	10 32	6 15
S 10	8 32	20 27	2 54	15 8	1 21	14 35	0 7	22 26	1 17	6 50	1 6	22 39	0 54	22 24	0 29	11 15	1 4	25 1	2 2	17 13	17 27	20 23	10 32	6 15
M11	8 55	20 12	1 59	15 43	1 27	15 1	0 4	22 23	1 19	6 45	1 7	22 39	0 54	22 24	0 29	11 15	1 3	25 1	2 2	17 13	17 28	20 23	10 33	6 14
T 12	9 17	19 4	0 59	16 18	1 33	15 27	0 2	22 19	1 20	6 41	1 7	22 39	0 54	22 24	0 29	11 15	1 3	25 1	2 2	17 13	17 29	20 23	10 33	6 14
W13	9 39	17 4	0n 4	16 51	1 39	15 52	0s 1	22 15	1 22	6 37	1 7	22 39	0 54	22 24	0 29	11 16	1 3	25 1	2 2	17 13	17 30	20 23	10 34	6 13
T 14	10 1	14 18	1 8	17 23	1 44	16 17	0 3	22 11	1 23	6 32	1 7	22 39	0 54	22 24	0 29	11 16	1 3	25 1	2 3	17 13	17 30	20 23	10 34	6 13
F 15	10 23	10 50	2 9	17 55	1 50	16 42	0 6	22 8	1 25	6 28	1 7	22 39	0 54	22 24	0 29	11 16	1 3	25 1	2 3	17 14	17 31	20 23	10 35	6 13
S 16	10 45	6 48	3 6	18 26	1 55	17 6	0 9	22 4	1 26	6 24	1 7	22 39	0 54	22 23	0 29	11 17	1 3	25 1	2 3	17 15	17 32	20 23	10 35	6 12
S 17	11 7	2 21	3 55	18 56	2 0	17 29	0 11	22 0	1 28	6 19	1 7	22 39	0 54	22 23	0 29	11 17	1 3	25 1	2 3	17 17	17 33	20 23	10 36	6 12
M18	11 28	2s20	4 32	19 24	2 5	17 53	0 14	21 56	1 29	6 15	1 8	22 39	0 54	22 23	0 29	11 17	1 3	25 1	2 3	17 20	17 34	20 23	10 36	6 11
T 19	11 49	7 2	4 55	19 52	2 10	18 15	0 16	21 52	1 31	6 11	1 8	22 39	0 54	22 23	0 29	11 17	1 3	25 1	2 3	17 24	17 35	20 22	10 37	6 11
W20	12 10	11 27	5 0	20 19	2 14	18 37	0 19	21 49	1 33	6 7	1 8	22 39	0 54	22 23	0 29	11 18	1 3	25 1	2 3	17 27	17 36	20 22	10 37	6 11
T 21	12 31	15 17	4 47	20 44	2 18	18 59	0 21	21 45	1 34	6 3	1 8	22 39	0 54	22 24	0 29	11 18	1 3	25 1	2 3	17 30	17 37	20 22	10 37	6 10
F 22	12 52	18 15	4 16	21 9	2 22	19 20	0 24	21 41	1 36	5 59	1 8	22 39	0 54	22 24	0 29	11 18	1 3	25 1	2 3	17 33	17 37	20 22	10 38	6 10
S 23	13 12	20 4	3 28	21 32	2 25	19 41	0 27	21 37	1 38	5 55	1 8	22 40	0 54	22 24	0 30	11 18	1 3	25 1	2 3	17 35	17 38	20 22	10 38	6 9
S 24	13 33	20 36	2 27	21 54	2 28	20 1	0 29	21 34	1 39	5 51	1 9	22 40	0 54	22 24	0 30	11 18	1 3	25 1	2 3	17 36	17 39	20 22	10 38	6 9
M25	13 53	19 48	1 18	22 14	2 31	20 21	0 32	21 30	1 41	5 47	1 9	22 40	0 54	22 24	0 30	11 19	1 3	25 1	2 3	17 36	17 40	20 22	10 39	6 9
T 26	14 13	17 46	0 4	22 34	2 33	20 40	0 34	21 26	1 43	5 43	1 9	22 40	0 54	22 24	0 30	11 19	1 3	25 1	2 3	17 36	17 41	20 22	10 39	6 8
W27	14 32	14 42	1s 9	22 51	2 35	20 58	0 37	21 23	1 45	5 39	1 9	22 40	0 54	22 24	0 30	11 19	1 3	25 1	2 3	17 36	17 42	20 22	10 39	6 8
T 28	14 51	10 51	2 17	23 8	2 36	21 16	0 39	21 19	1 46	5 35	1 9	22 40	0 54	22 24	0 30	11 19	1 3	25 1	2 3	17 37	17 43	20 22	10 40	6 7
F 29	15 11	6 28	3 16	23 23	2 37	21 34	0 42	21 16	1 48	5 31	1 9	22 40	0 54	22 24	0 30	11 19	1 3	25 1	2 3	17 38	17 43	20 22	10 40	6 7
S 30	15 29	1 49	4 4	23 36	2 37	21 50	0 44	21 12	1 50	5 27	1 10	22 40	0 54	22 24	0 30	11 19	1 3	25 0	2 3	17 40	17 44	20 22	10 40	6 7
S 31	15s48	2n51	4s38	23s47	2s36	22s 6	0s47	21n 9	1n52	5n23	1n10	22n40	0s54	22n24	0n30	11s19	1s 3	25s 0	2s 3	17n43	17n45	20n22	10s40	6n 6

Julian Day Number = 2097903.5, Delta T = 21m57s
Ecliptic obliquity = 23°33'48, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'39, Lahiri = 10°21'39 Julian Calendar 1 Oct. 1031 == Greg. Calendar 7 Oct. 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

NOVEMBER 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 0 59	13♏56'19	1♉13	6♐ 0	6♐47	4♌25	19♍18	0°R34	21°R 0	3°R18	12♑36	10°R14	10♌14	19♋ 1	14♒42	M 1
T 2	3 4 55	14°56'58	14° 7	6°59	8° 2	4°46	19°28	0♋32	20♋59	3♓18	12°37	10♌ 0	10°11	19° 8	14°42	T 2
W 3	3 8 52	15°57'39	26°47	7°53	9°16	5° 7	19°38	0°29	20°59	3°18	12°38	9°46	10° 8	19°14	14°43	W 3
T 4	3 12 48	16°58'21	9♊14	8°43	10°31	5°27	19°47	0°26	20°58	3°18	12°40	9°34	10° 5	19°21	14°44	T 4
F 5	3 16 45	17°59'05	21°27	9°28	11°45	5°46	19°57	0°23	20°57	3°17	12°41	9°23	10° 2	19°28	14°45	F 5
S 6	3 20 42	18°59'51	3♋28	10° 6	13° 0	6° 5	20° 6	0°20	20°56	3°17	12°42	9°15	9°58	19°34	14°46	S 6
S 7	3 24 38	20° 0'38	15°20	10°38	14°15	6°24	20°15	0°17	20°56	3°17	12°44	9°10	9°55	19°41	14°47	S 7
M 8	3 28 35	21° 1'26	27° 8	11° 3	15°29	6°42	20°25	0°14	20°55	3°17	12°45	9° 8	9°52	19°48	14°48	M 8
T 9	3 32 31	22° 2'16	8♌55	11°20	16°44	7° 0	20°34	0°11	20°54	3°D17	12°46	9°D 8	9°49	19°54	14°50	T 9
W10	3 36 28	23° 3'07	20°47	11°R28	17°58	7°18	20°43	0° 7	20°53	3°17	12°48	9°R 8	9°46	20° 1	14°51	W10
T 11	3 40 24	24° 4'00	2♍51	11°26	19°13	7°35	20°51	0° 4	20°52	3°17	12°49	9° 7	9°43	20° 8	14°52	T 11
F 12	3 44 21	25° 4'54	15°10	11°13	20°28	7°51	21° 0	0° 0	20°51	3°17	12°50	9° 6	9°39	20°14	14°53	F 12
S 13	3 48 17	26° 5'50	27°51	10°50	21°42	8° 7	21° 9	29♊57	20°50	3°17	12°52	9° 2	9°36	20°21	14°55	S 13
S 14	3 52 14	27° 6'47	10♎57	10°15	22°57	8°22	21°17	29°53	20°48	3°17	12°53	8°55	9°33	20°28	14°56	S 14
M15	3 56 11	28° 7'45	24°29	9°30	24°11	8°37	21°26	29°49	20°47	3°18	12°55	8°46	9°30	20°34	14°58	M15
T 16	4 0 7	29° 8'45	8♏29	8°33	25°26	8°51	21°34	29°46	20°46	3°18	12°56	8°35	9°27	20°41	15° 0	T 16
W17	4 4 4	0♐ 9'45	22°51	7°28	26°40	9° 5	21°42	29°42	20°44	3°18	12°58	8°23	9°24	20°48	15° 1	W17
T 18	4 8 0	1°10'47	7♐31	6°14	27°55	9°18	21°50	29°38	20°43	3°18	12°59	8°13	9°20	20°54	15° 3	T 18
F 19	4 11 57	2°11'49	22°20	4°55	29° 9	9°31	21°58	29°34	20°42	3°19	13° 1	8° 4	9°17	21° 1	15° 5	F 19
S 20	4 15 53	3°12'53	7♑10	3°33	0♑24	9°43	22° 6	29°29	20°40	3°19	13° 3	7°58	9°14	21° 8	15° 7	S 20
S 21	4 19 50	4°13'57	21°53	2°10	1°38	9°55	22°13	29°25	20°39	3°19	13° 4	7°54	9°11	21°14	15° 8	S 21
M22	4 23 46	5°15'02	6♒24	0°49	2°53	10° 5	22°21	29°21	20°37	3°20	13° 6	7°D53	9° 8	21°21	15°10	M22
T 23	4 27 43	6°16'07	20°38	29♏34	4° 7	10°16	22°28	29°17	20°36	3°20	13° 7	7°54	9° 4	21°28	15°12	T 23
W24	4 31 40	7°17'12	4♓36	28°26	5°21	10°25	22°35	29°12	20°34	3°21	13° 9	7°R54	9° 1	21°34	15°14	W24
T 25	4 35 36	8°18'18	18°16	27°27	6°36	10°34	22°42	29° 8	20°32	3°21	13°11	7°54	8°58	21°41	15°17	T 25
F 26	4 39 33	9°19'24	1♈41	26°38	7°50	10°43	22°49	29° 3	20°30	3°22	13°12	7°51	8°55	21°47	15°19	F 26
S 27	4 43 29	10°20'31	14°52	26° 0	9° 4	10°50	22°56	28°59	20°29	3°22	13°14	7°46	8°52	21°54	15°21	S 27
S 28	4 47 26	11°21'38	27°50	25°33	10°19	10°57	23° 2	28°54	20°27	3°23	13°16	7°39	8°49	22° 1	15°23	S 28
M29	4 51 22	12°22'45	10♉35	25°17	11°33	11° 4	23° 9	28°50	20°25	3°24	13°18	7°30	8°45	22° 7	15°25	M29
T 30	4 55 19	13♐23'53	23♉ 9	25°D11	12♑47	11♌10	23♍15	28♊45	20♋23	3♓24	13♑19	7♌19	8♌42	22♋14	15♒28	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s 6	7n19	4s56	23s57	2s34	22s22	0s49	21n 6	1n54	5n20	1n10	22n40	0s54	22n24	0n30	11s19	1s 3	25s 0	2s 3	17n46	17n46	20n21	10s40	6n 6
T 2	16 24	11 24	4 59	24 5	2 32	22 37	0 52	21 2	1 55	5 16	1 10	22 40	0 54	22 24	0 30	11 20	1 3	25 0	2 3	17 50	17 47	20 21	10 41	6 5
W 3	16 42	14 53	4 47	24 11	2 29	22 51	0 54	20 59	1 57	5 12	1 10	22 40	0 54	22 25	0 30	11 20	1 3	25 0	2 3	17 54	17 48	20 21	10 41	6 5
T 4	17 0	17 38	4 21	24 15	2 25	23 4	0 56	20 56	1 59	5 9	1 11	22 40	0 54	22 25	0 30	11 20	1 3	25 0	2 3	17 57	17 49	20 21	10 41	6 5
F 5	17 17	19 34	3 44	24 17	2 20	23 17	0 59	20 53	2 1	5 5	1 11	22 40	0 54	22 25	0 30	11 20	1 3	25 0	2 3	18 0	17 49	20 21	10 41	6 4
S 6	17 34	20 34	2 57	24 17	2 14	23 29	1 1	20 50	2 3	5 2	1 11	22 40	0 54	22 25	0 30	11 20	1 3	25 0	2 3	18 2	17 50	20 21	10 41	6 4
S 7	17 50	20 39	2 3	24 15	2 7	23 41	1 3	20 47	2 5	4 58	1 11	22 40	0 54	22 25	0 30	11 20	1 3	25 0	2 3	18 3	17 51	20 21	10 41	6 3
M 8	18 6	19 48	1 3	24 10	1 58	23 51	1 6	20 45	2 7	4 55	1 11	22 40	0 54	22 25	0 30	11 20	1 3	25 0	2 3	18 4	17 52	20 21	10 41	6 3
T 9	18 22	18 6	0 1	24 2	1 48	24 1	1 8	20 42	2 9	4 51	1 12	22 40	0 54	22 25	0 30	11 20	1 3	25 0	2 3	18 4	17 53	20 20	10 41	6 3
W10	18 38	15 37	1n 2	23 52	1 36	24 11	1 10	20 39	2 11	4 48	1 12	22 40	0 54	22 26	0 30	11 20	1 3	24 59	2 3	18 4	17 54	20 20	10 41	6 2
T 11	18 53	12 25	2 3	23 39	1 24	24 19	1 12	20 37	2 13	4 45	1 12	22 40	0 54	22 26	0 30	11 20	1 3	24 59	2 3	18 4	17 55	20 20	10 41	6 2
F 12	19 8	8 37	2 59	23 23	1 9	24 27	1 14	20 35	2 15	4 41	1 12	22 40	0 54	22 26	0 30	11 20	1 3	24 59	2 4	18 4	17 55	20 20	10 41	6 2
S 13	19 23	4 21	3 49	23 4	0 53	24 34	1 16	20 33	2 17	4 38	1 12	22 40	0 54	22 26	0 30	11 20	1 3	24 59	2 4	18 6	17 56	20 20	10 41	6 1
S 14	19 37	0s15	4 28	22 42	0 36	24 40	1 18	20 31	2 20	4 35	1 13	22 40	0 54	22 26	0 30	11 19	1 3	24 59	2 4	18 7	17 57	20 20	10 41	6 1
M15	19 51	4 59	4 53	22 16	0 17	24 46	1 20	20 29	2 22	4 32	1 13	22 40	0 53	22 27	0 30	11 19	1 3	24 59	2 4	18 10	17 58	20 20	10 41	6 0
T 16	20 4	9 38	5 3	21 48	0n 2	24 51	1 22	20 27	2 24	4 29	1 13	22 40	0 53	22 27	0 30	11 19	1 3	24 59	2 4	18 13	17 59	20 19	10 41	6 0
W17	20 17	13 51	4 53	21 18	0 22	24 55	1 24	20 25	2 26	4 26	1 13	22 40	0 53	22 27	0 30	11 19	1 3	24 59	2 4	18 16	18 0	20 19	10 41	6 0
T 18	20 30	17 20	4 24	20 45	0 43	24 58	1 26	20 24	2 28	4 23	1 14	22 40	0 53	22 27	0 30	11 19	1 3	24 59	2 4	18 18	18 1	20 19	10 41	5 59
F 19	20 42	19 43	3 38	20 11	1 3	25 1	1 27	20 23	2 30	4 20	1 14	22 40	0 53	22 28	0 30	11 19	1 3	24 59	2 4	18 21	18 1	20 19	10 40	5 59
S 20	20 54	20 46	2 36	19 37	1 23	25 3	1 29	20 22	2 33	4 17	1 14	22 41	0 53	22 28	0 30	11 19	1 3	24 58	2 4	18 22	18 2	20 19	10 40	5 59
S 21	21 6	20 23	1 24	19 3	1 41	25 4	1 31	20 21	2 35	4 14	1 14	22 41	0 53	22 28	0 30	11 19	1 2	24 58	2 4	18 23	18 3	20 18	10 40	5 58
M22	21 17	18 39	0 8	18 31	1 58	25 4	1 32	20 20	2 37	4 12	1 15	22 41	0 53	22 28	0 30	11 18	1 2	24 58	2 4	18 23	18 4	20 18	10 40	5 58
T 23	21 28	15 45	1s 8	18 0	2 12	25 4	1 34	20 19	2 40	4 9	1 15	22 41	0 53	22 29	0 31	11 18	1 2	24 58	2 4	18 23	18 5	20 18	10 40	5 57
W24	21 38	12 1	2 18	17 34	2 25	25 2	1 35	20 19	2 42	4 6	1 15	22 41	0 53	22 29	0 31	11 18	1 2	24 58	2 4	18 23	18 6	20 18	10 39	5 57
T 25	21 48	7 42	3 19	17 10	2 35	25 0	1 37	20 19	2 44	4 4	1 15	22 41	0 53	22 29	0 31	11 18	1 2	24 58	2 4	18 23	18 6	20 18	10 39	5 57
F 26	21 58	3 6	4 7	16 52	2 43	24 58	1 38	20 18	2 47	4 1	1 15	22 41	0 53	22 30	0 31	11 18	1 2	24 58	2 4	18 24	18 7	20 17	10 39	5 56
S 27	22 7	1n34	4 42	16 37	2 49	24 54	1 39	20 19	2 49	3 59	1 16	22 41	0 53	22 30	0 31	11 17	1 2	24 58	2 4	18 25	18 8	20 17	10 39	5 56
S 28	22 16	6 4	5 1	16 28	2 52	24 50	1 40	20 19	2 51	3 56	1 16	22 41	0 53	22 30	0 31	11 17	1 2	24 58	2 4	18 27	18 9	20 17	10 38	5 56
M29	22 24	10 15	5 5	16 22	2 54	24 45	1 41	20 20	2 54	3 54	1 16	22 41	0 53	22 30	0 31	11 17	1 2	24 57	2 4	18 30	18 10	20 17	10 38	5 55
T 30	22s32	13n55	4s54	16s21	2n54	24s39	1s43	20n20	2n56	3n52	1n16	22n41	0s53	22n31	0n31	11s17	1s 2	24s57	2s 4	18n32	18n11	20n16	10s38	5n55

Julian Day Number = 2097934.5, Delta T = 21m57s
Ecliptic obliquity = 23°33'47, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'43, Lahiri = 10°21'44 Julian Calendar 1 Nov. 1031 == Greg. Calendar 7 Nov. 1031

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ASTRODIENST EPHEMERIS for the year 1031
geocentric

DECEMBER 1031 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 59 15	14♐25'01	5♊33	25♏16	14♑ 2	11♌15	23♍21	28°R40	20°R21	3♓25	13♑21	7°R 9	8♌39	22♋21	15♒30	W 1
T 2	5 3 12	15°26'10	17°46	25°29	15°16	11°19	23°27	28♊35	20♋19	3°26	13°23	6♌59	8°36	22°27	15°33	T 2
F 3	5 7 9	16°27'19	29°49	25°51	16°30	11°22	23°33	28°31	20°17	3°27	13°25	6°51	8°33	22°34	15°35	F 3
S 4	5 11 5	17°28'28	11♋45	26°20	17°44	11°25	23°39	28°26	20°15	3°28	13°26	6°45	8°30	22°41	15°38	S 4
S 5	5 15 2	18°29'38	23°34	26°56	18°58	11°27	23°44	28°21	20°13	3°28	13°28	6°42	8°26	22°47	15°40	S 5
M 6	5 18 58	19°30'49	5♌21	27°38	20°12	11°29	23°50	28°16	20°11	3°29	13°30	6°D41	8°23	22°54	15°43	M 6
T 7	5 22 55	20°31'59	17° 8	28°26	21°26	11°R29	23°55	28°11	20° 9	3°30	13°32	6°41	8°20	23° 1	15°46	T 7
W 8	5 26 51	21°33'11	29° 0	29°18	22°40	11°29	24° 0	28° 6	20° 7	3°31	13°34	6°43	8°17	23° 7	15°49	W 8
T 9	5 30 48	22°34'22	11♍ 1	0♐14	23°55	11°28	24° 5	28° 1	20° 4	3°32	13°36	6°44	8°14	23°14	15°51	T 9
F 10	5 34 44	23°35'34	23°17	1°14	25° 9	11°27	24°10	27°57	20° 2	3°33	13°38	6°R45	8°10	23°21	15°54	F 10
S 11	5 38 41	24°36'47	5♎54	2°18	26°22	11°24	24°14	27°52	20° 0	3°34	13°39	6°44	8° 7	23°27	15°57	S 11
S 12	5 42 38	25°37'59	18°54	3°24	27°36	11°21	24°19	27°47	19°58	3°35	13°41	6°42	8° 4	23°34	16° 0	S 12
M13	5 46 34	26°39'13	2♏23	4°33	28°50	11°16	24°23	27°42	19°55	3°36	13°43	6°38	8° 1	23°41	16° 3	M13
T 14	5 50 31	27°40'26	16°20	5°44	0♒ 4	11°12	24°27	27°37	19°53	3°38	13°45	6°32	7°58	23°47	16° 6	T 14
W15	5 54 27	28°41'39	0♐45	6°58	1°18	11° 6	24°31	27°32	19°51	3°39	13°47	6°26	7°55	23°54	16° 9	W15
T 16	5 58 24	29°42'53	15°33	8°13	2°32	10°59	24°35	27°27	19°48	3°40	13°49	6°20	7°51	24° 1	16°12	T 16
F 17	6 2 20	0♑44'07	0♑36	9°29	3°46	10°52	24°38	27°22	19°46	3°41	13°51	6°15	7°48	24° 7	16°15	F 17
S 18	6 6 17	1°45'20	15°46	10°48	4°59	10°43	24°42	27°17	19°43	3°42	13°53	6°12	7°45	24°14	16°18	S 18
S 19	6 10 14	2°46'34	0♒51	12° 7	6°13	10°34	24°45	27°12	19°41	3°44	13°55	6°D10	7°42	24°20	16°22	S 19
M20	6 14 10	3°47'46	15°45	13°28	7°27	10°24	24°48	27° 7	19°38	3°45	13°57	6°10	7°39	24°27	16°25	M20
T 21	6 18 7	4°48'58	0♓19	14°50	8°40	10°14	24°50	27° 2	19°36	3°46	13°59	6°12	7°36	24°34	16°28	T 21
W22	6 22 3	5°50'10	14°32	16°13	9°54	10° 2	24°53	26°57	19°33	3°48	14° 1	6°13	7°32	24°40	16°31	W22
T 23	6 26 0	6°51'21	28°20	17°36	11° 7	9°50	24°56	26°52	19°31	3°49	14° 3	6°14	7°29	24°47	16°35	T 23
F 24	6 29 56	7°52'31	11♈46	19° 1	12°21	9°37	24°58	26°47	19°28	3°51	14° 4	6°R15	7°26	24°54	16°38	F 24
S 25	6 33 53	8°53'40	24°51	20°26	13°34	9°23	25° 0	26°43	19°26	3°52	14° 6	6°14	7°23	25° 0	16°42	S 25
S 26	6 37 49	9°54'49	7♉38	21°53	14°47	9° 8	25° 2	26°38	19°23	3°54	14° 8	6°11	7°20	25° 7	16°45	S 26
M27	6 41 46	10°55'57	20°10	23°20	16° 1	8°53	25° 3	26°33	19°21	3°55	14°10	6° 8	7°16	25°14	16°48	M27
T 28	6 45 43	11°57'04	2♊29	24°47	17°14	8°37	25° 5	26°28	19°18	3°57	14°12	6° 4	7°13	25°20	16°52	T 28
W29	6 49 39	12°58'11	14°38	26°16	18°27	8°20	25° 6	26°24	19°16	3°58	14°14	5°59	7°10	25°27	16°56	W29
T 30	6 53 36	13°59'16	26°38	27°45	19°40	8° 3	25° 7	26°19	19°13	4° 0	14°16	5°56	7° 7	25°34	16°59	T 30
F 31	6 57 32	15♑ 0'21	8♋33	29♐14	20♒53	7♌45	25♍ 8	26♊15	19♋10	4♓ 2	14♑18	5♌53	7♌ 4	25♋40	17♒ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s39	16n55	4s29	16s23	2n53	24s32	1s44	20n21	2n59	3n49	1n17	22n41	0s52	22n31	0n31	11s16	1s 2	24s57	2s 4	18n35	18n11	20n16	10s37	5n55
T 2	22 46	19 8	3 52	16 29	2 50	24 25	1 44	20 22	3 1	3 47	1 17	22 41	0 52	22 31	0 31	11 16	1 2	24 57	2 4	18 37	18 12	20 16	10 37	5 54
F 3	22 52	20 28	3 5	16 38	2 46	24 17	1 45	20 24	3 4	3 45	1 17	22 41	0 52	22 32	0 31	11 16	1 2	24 57	2 5	18 39	18 13	20 16	10 36	5 54
S 4	22 58	20 52	2 11	16 49	2 41	24 8	1 46	20 25	3 6	3 43	1 18	22 41	0 52	22 32	0 31	11 15	1 2	24 57	2 5	18 41	18 14	20 15	10 36	5 54
S 5	23 4	20 20	1 10	17 3	2 36	23 59	1 47	20 27	3 9	3 41	1 18	22 41	0 52	22 32	0 31	11 15	1 2	24 57	2 5	18 42	18 15	20 15	10 35	5 53
M 6	23 9	18 55	0 7	17 18	2 30	23 48	1 47	20 29	3 11	3 39	1 18	22 41	0 52	22 33	0 31	11 15	1 2	24 57	2 5	18 42	18 16	20 15	10 35	5 53
T 7	23 13	16 41	0n56	17 35	2 23	23 37	1 48	20 31	3 14	3 37	1 18	22 41	0 52	22 33	0 31	11 14	1 2	24 56	2 5	18 42	18 16	20 15	10 35	5 53
W 8	23 18	13 44	1 58	17 53	2 16	23 26	1 48	20 34	3 16	3 36	1 19	22 41	0 52	22 33	0 31	11 14	1 2	24 56	2 5	18 41	18 17	20 14	10 34	5 52
T 9	23 21	10 10	2 56	18 13	2 9	23 13	1 49	20 37	3 19	3 34	1 19	22 41	0 52	22 34	0 31	11 13	1 2	24 56	2 5	18 41	18 18	20 14	10 33	5 52
F 10	23 24	6 8	3 46	18 32	2 1	23 0	1 49	20 40	3 21	3 32	1 19	22 41	0 52	22 34	0 31	11 13	1 2	24 56	2 5	18 41	18 19	20 14	10 33	5 52
S 11	23 27	1 44	4 27	18 53	1 53	22 47	1 49	20 43	3 24	3 31	1 19	22 41	0 52	22 35	0 31	11 13	1 2	24 56	2 5	18 41	18 20	20 14	10 32	5 52
S 12	23 29	2s52	4 56	19 14	1 45	22 32	1 50	20 46	3 26	3 29	1 20	22 41	0 51	22 35	0 31	11 12	1 2	24 56	2 5	18 42	18 21	20 13	10 32	5 51
M13	23 31	7 30	5 10	19 35	1 37	22 17	1 50	20 50	3 29	3 28	1 20	22 41	0 51	22 35	0 31	11 12	1 2	24 56	2 5	18 43	18 21	20 13	10 31	5 51
T 14	23 33	11 55	5 6	19 56	1 28	22 2	1 50	20 53	3 31	3 27	1 20	22 41	0 51	22 36	0 31	11 11	1 2	24 55	2 5	18 44	18 22	20 13	10 31	5 51
W15	23 33	15 47	4 44	20 16	1 20	21 45	1 50	20 58	3 34	3 25	1 20	22 41	0 51	22 36	0 31	11 11	1 2	24 55	2 5	18 46	18 23	20 12	10 30	5 50
T 16	23 34	18 46	4 2	20 37	1 12	21 28	1 49	21 2	3 36	3 24	1 21	22 41	0 51	22 36	0 31	11 10	1 2	24 55	2 5	18 47	18 24	20 12	10 29	5 50
F 17	23 34	20 32	3 2	20 57	1 3	21 11	1 49	21 6	3 39	3 23	1 21	22 41	0 51	22 37	0 31	11 10	1 2	24 55	2 5	18 48	18 25	20 12	10 29	5 50
S 18	23 33	20 49	1 49	21 17	0 55	20 53	1 49	21 11	3 41	3 22	1 21	22 41	0 51	22 37	0 31	11 10	1 2	24 55	2 6	18 49	18 26	20 12	10 28	5 50
S 19	23 32	19 36	0 29	21 36	0 47	20 34	1 48	21 16	3 44	3 21	1 22	22 41	0 51	22 37	0 31	11 9	1 2	24 55	2 6	18 50	18 26	20 11	10 27	5 49
M20	23 30	17 2	0s52	21 54	0 38	20 15	1 48	21 21	3 46	3 20	1 22	22 41	0 51	22 38	0 31	11 9	1 2	24 55	2 6	18 50	18 27	20 11	10 27	5 49
T 21	23 28	13 25	2 9	22 12	0 30	19 55	1 47	21 26	3 49	3 19	1 22	22 41	0 50	22 38	0 31	11 8	1 2	24 55	2 6	18 49	18 28	20 11	10 26	5 49
W22	23 26	9 7	3 15	22 29	0 22	19 34	1 47	21 32	3 51	3 18	1 22	22 41	0 50	22 39	0 31	11 7	1 2	24 54	2 6	18 49	18 29	20 10	10 25	5 49
T 23	23 23	4 27	4 8	22 45	0 14	19 13	1 46	21 37	3 53	3 17	1 23	22 41	0 50	22 39	0 31	11 7	1 2	24 54	2 6	18 49	18 30	20 10	10 24	5 48
F 24	23 20	0n17	4 46	23 0	0 6	18 52	1 45	21 43	3 56	3 17	1 23	22 41	0 50	22 39	0 31	11 6	1 2	24 54	2 6	18 49	18 30	20 10	10 24	5 48
S 25	23 16	4 54	5 8	23 14	0s 1	18 30	1 44	21 49	3 58	3 16	1 23	22 41	0 50	22 40	0 31	11 6	1 2	24 54	2 6	18 49	18 31	20 9	10 23	5 48
S 26	23 11	9 11	5 14	23 28	0 9	18 7	1 43	21 55	4 0	3 16	1 24	22 41	0 50	22 40	0 31	11 5	1 2	24 54	2 6	18 49	18 32	20 9	10 22	5 48
M27	23 7	12 59	5 5	23 40	0 16	17 44	1 42	22 1	4 2	3 15	1 24	22 41	0 50	22 40	0 31	11 5	1 2	24 54	2 6	18 50	18 33	20 8	10 21	5 47
T 28	23 1	16 10	4 42	23 51	0 23	17 21	1 41	22 8	4 5	3 15	1 24	22 41	0 50	22 41	0 31	11 4	1 2	24 54	2 6	18 51	18 34	20 8	10 20	5 47
W29	22 56	18 36	4 6	24 1	0 30	16 57	1 40	22 14	4 7	3 15	1 24	22 41	0 49	22 41	0 31	11 4	1 2	24 54	2 6	18 52	18 35	20 8	10 20	5 47
T 30	22 49	20 11	3 20	24 10	0 37	16 33	1 38	22 21	4 9	3 15	1 25	22 41	0 49	22 42	0 31	11 3	1 2	24 53	2 6	18 53	18 35	20 7	10 19	5 47
F 31	22s43	20n52	2s25	24s18	0s44	16s 8	1s37	22n27	4n11	3n14	1n25	22n41	0s49	22n42	0n31	11s 2	1s 2	24s53	2s 7	18n54	18n36	20n 7	10s18	5n47

Julian Day Number = 2097964.5, Delta T = 21m56s
Ecliptic obliquity = 23°33'47, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'47, Lahiri = 10°21'48 Julian Calendar 1 Dec. 1031 == Greg. Calendar 7 Dec. 1031

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

JANUARY 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 1 29	16♑ 1'26	20♋23	0♑44	22♒ 6	7°R26	25♍ 9	26°R10	19°R 8	4♓ 3	14♑20	5°R51	7♌ 1	25♋47	17♒ 6	S 1
S 2	7 5 25	17° 2'29	2♌11	2°15	23°19	7♌ 7	25°10	26♊ 6	19♋ 5	4° 5	14°22	5°D50	6°57	25°54	17°10	S 2
M 3	7 9 22	18° 3'32	13°58	3°47	24°32	6°47	25°10	26° 1	19° 3	4° 7	14°24	5♌50	6°54	26° 0	17°14	M 3
T 4	7 13 18	19° 4'34	25°49	5°19	25°45	6°26	25°R10	25°57	19° 0	4° 8	14°26	5°51	6°51	26° 7	17°17	T 4
W 5	7 17 15	20° 5'35	7♍44	6°52	26°58	6° 5	25°10	25°53	18°57	4°10	14°28	5°52	6°48	26°13	17°21	W 5
T 6	7 21 12	21° 6'36	19°48	8°25	28°10	5°44	25°10	25°48	18°55	4°12	14°30	5°54	6°45	26°20	17°25	T 6
F 7	7 25 8	22° 7'36	2♎ 5	9°59	29°23	5°22	25°10	25°44	18°52	4°14	14°32	5°55	6°42	26°27	17°29	F 7
S 8	7 29 5	23° 8'35	14°39	11°33	0♓35	5° 0	25° 9	25°40	18°49	4°15	14°34	5°56	6°38	26°33	17°32	S 8
S 9	7 33 1	24° 9'34	27°34	13° 9	1°48	4°37	25° 8	25°36	18°47	4°17	14°36	5°R56	6°35	26°40	17°36	S 9
M10	7 36 58	25°10'32	10♏54	14°45	3° 0	4°14	25° 7	25°32	18°44	4°19	14°38	5°55	6°32	26°47	17°40	M10
T 11	7 40 54	26°11'29	24°39	16°21	4°12	3°51	25° 6	25°28	18°42	4°21	14°40	5°55	6°29	26°53	17°44	T 11
W12	7 44 51	27°12'25	8♐52	17°58	5°24	3°27	25° 5	25°24	18°39	4°23	14°42	5°54	6°26	27° 0	17°48	W12
T 13	7 48 47	28°13'21	23°31	19°36	6°37	3° 3	25° 3	25°20	18°36	4°25	14°44	5°53	6°22	27° 7	17°52	T 13
F 14	7 52 44	29°14'15	8♑29	21°15	7°49	2°39	25° 2	25°17	18°34	4°27	14°46	5°52	6°19	27°13	17°56	F 14
S 15	7 56 41	0♒15'09	23°40	22°55	9° 1	2°15	25° 0	25°13	18°31	4°29	14°47	5°51	6°16	27°20	18° 0	S 15
S 16	8 0 37	1°16'01	8♒54	24°35	10°12	1°51	24°58	25°10	18°29	4°31	14°49	5°D51	6°13	27°27	18° 4	S 16
M17	8 4 34	2°16'52	24° 1	26°16	11°24	1°27	24°55	25° 6	18°26	4°32	14°51	5°51	6°10	27°33	18° 7	M17
T 18	8 8 30	3°17'42	8♓53	27°57	12°36	1° 3	24°53	25° 3	18°24	4°34	14°53	5°52	6° 7	27°40	18°11	T 18
W19	8 12 27	4°18'30	23°22	29°40	13°47	0°39	24°50	24°59	18°21	4°36	14°55	5°52	6° 3	27°47	18°15	W19
T 20	8 16 23	5°19'16	7♈26	1♒23	14°59	0°16	24°47	24°56	18°19	4°39	14°57	5°52	6° 0	27°53	18°19	T 20
F 21	8 20 20	6°20'01	21° 2	3° 7	16°10	29♋52	24°44	24°53	18°16	4°41	14°59	5°R52	5°57	28° 0	18°23	F 21
S 22	8 24 16	7°20'44	4♉12	4°52	17°21	29°29	24°41	24°50	18°14	4°43	15° 1	5°D52	5°54	28° 6	18°27	S 22
S 23	8 28 13	8°21'25	16°59	6°38	18°33	29° 6	24°38	24°47	18°12	4°45	15° 3	5°52	5°51	28°13	18°31	S 23
M24	8 32 10	9°22'05	29°27	8°24	19°44	28°43	24°34	24°44	18° 9	4°47	15° 4	5°52	5°48	28°20	18°36	M24
T 25	8 36 6	10°22'43	11♊39	10°12	20°54	28°20	24°30	24°42	18° 7	4°49	15° 6	5°53	5°44	28°26	18°40	T 25
W26	8 40 3	11°23'19	23°39	12° 0	22° 5	27°58	24°26	24°39	18° 4	4°51	15° 8	5°53	5°41	28°33	18°44	W26
T 27	8 43 59	12°23'54	5♋32	13°49	23°16	27°37	24°22	24°37	18° 2	4°53	15°10	5°54	5°38	28°40	18°48	T 27
F 28	8 47 56	13°24'27	17°20	15°38	24°26	27°16	24°18	24°34	18° 0	4°55	15°12	5°55	5°35	28°46	18°52	F 28
S 29	8 51 52	14°24'58	29° 8	17°29	25°37	26°55	24°14	24°32	17°58	4°57	15°13	5°55	5°32	28°53	18°56	S 29
S 30	8 55 49	15°25'27	10♌56	19°20	26°47	26°35	24° 9	24°30	17°55	5° 0	15°15	5°R55	5°28	29° 0	19° 0	S 30
M31	8 59 45	16♒25'55	22♌48	21♒11	27♓57	26♋15	24♍ 4	24♊28	17♋53	5♓ 2	15♑17	5♌54	5♌25	29♋ 6	19♒ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s36	20n37	1s24	24s24	0s50	15s43	1s35	22n34	4n12	3n14	1n25	22n41	0s49	22n42	0n31	11s 2	1s 2	24s53	2s 7	18n54	18n37	20n 7	10s17	5n46
S 2	22 28	19 27	0 20	24 29	0 57	15 17	1 34	22 41	4 14	3 14	1 26	22 41	0 49	22 43	0 31	11 1	1 2	24 53	2 7	18 55	18 38	20 6	10 16	5 46
M 3	22 20	17 26	0n45	24 33	1 3	14 51	1 32	22 48	4 16	3 15	1 26	22 41	0 49	22 43	0 31	11 0	1 2	24 53	2 7	18 55	18 39	20 6	10 15	5 46
T 4	22 12	14 41	1 48	24 36	1 8	14 25	1 30	22 55	4 18	3 15	1 26	22 41	0 49	22 44	0 31	11 0	1 2	24 53	2 7	18 54	18 39	20 6	10 14	5 46
W 5	22 3	11 18	2 48	24 37	1 14	13 58	1 28	23 2	4 19	3 15	1 26	22 41	0 48	22 44	0 31	10 59	1 1	24 53	2 7	18 54	18 40	20 5	10 13	5 46
T 6	21 54	7 26	3 41	24 37	1 19	13 31	1 26	23 8	4 21	3 15	1 27	22 41	0 48	22 44	0 31	10 58	1 1	24 53	2 7	18 54	18 41	20 5	10 12	5 45
F 7	21 44	3 12	4 24	24 35	1 24	13 4	1 24	23 15	4 22	3 16	1 27	22 41	0 48	22 45	0 31	10 58	1 1	24 52	2 7	18 53	18 42	20 4	10 11	5 45
S 8	21 34	1s15	4 56	24 32	1 29	12 36	1 22	23 22	4 23	3 16	1 27	22 41	0 48	22 45	0 31	10 57	1 1	24 52	2 7	18 53	18 43	20 4	10 10	5 45
S 9	21 23	5 46	5 14	24 28	1 34	12 8	1 20	23 29	4 25	3 17	1 28	22 42	0 48	22 45	0 31	10 56	1 1	24 52	2 7	18 53	18 43	20 3	10 9	5 45
M10	21 13	10 9	5 16	24 22	1 38	11 40	1 17	23 36	4 26	3 17	1 28	22 42	0 48	22 46	0 31	10 56	1 1	24 52	2 7	18 53	18 44	20 3	10 8	5 45
T 11	21 1	14 10	5 1	24 15	1 42	11 11	1 15	23 42	4 27	3 18	1 28	22 42	0 48	22 46	0 31	10 55	1 1	24 52	2 8	18 54	18 45	20 3	10 7	5 45
W12	20 50	17 30	4 27	24 6	1 46	10 42	1 13	23 49	4 28	3 19	1 28	22 42	0 47	22 47	0 31	10 54	1 1	24 52	2 8	18 54	18 46	20 2	10 6	5 45
T 13	20 37	19 50	3 34	23 55	1 49	10 13	1 10	23 55	4 28	3 20	1 29	22 42	0 47	22 47	0 31	10 54	1 1	24 52	2 8	18 54	18 47	20 2	10 5	5 44
F 14	20 25	20 51	2 27	23 43	1 52	9 44	1 7	24 2	4 29	3 21	1 29	22 42	0 47	22 47	0 31	10 53	1 1	24 52	2 8	18 54	18 47	20 1	10 4	5 44
S 15	20 12	20 22	1 7	23 30	1 55	9 14	1 5	24 8	4 30	3 22	1 29	22 42	0 47	22 48	0 31	10 52	1 1	24 51	2 8	18 54	18 48	20 1	10 3	5 44
S 16	19 59	18 24	0s17	23 14	1 57	8 44	1 2	24 14	4 30	3 23	1 30	22 42	0 47	22 48	0 31	10 51	1 1	24 51	2 8	18 54	18 49	20 0	10 2	5 44
M17	19 45	15 9	1 39	22 58	1 59	8 14	0 59	24 20	4 30	3 24	1 30	22 42	0 47	22 48	0 31	10 51	1 1	24 51	2 8	18 54	18 50	20 0	10 1	5 44
T 18	19 31	10 58	2 54	22 39	2 1	7 44	0 56	24 25	4 31	3 25	1 30	22 42	0 46	22 49	0 31	10 50	1 1	24 51	2 8	18 54	18 51	20 0	10 0	5 44
W19	19 17	6 14	3 55	22 19	2 2	7 13	0 53	24 31	4 31	3 27	1 30	22 42	0 46	22 49	0 31	10 49	1 1	24 51	2 8	18 54	18 51	19 59	9 59	5 44
T 20	19 2	1 19	4 40	21 57	2 3	6 43	0 50	24 36	4 31	3 28	1 31	22 42	0 46	22 49	0 31	10 49	1 1	24 51	2 8	18 54	18 52	19 59	9 58	5 44
F 21	18 47	3n30	5 8	21 34	2 4	6 12	0 47	24 41	4 31	3 29	1 31	22 42	0 46	22 50	0 31	10 48	1 1	24 51	2 9	18 54	18 53	19 58	9 57	5 43
S 22	18 32	8 0	5 18	21 9	2 4	5 41	0 44	24 46	4 30	3 31	1 31	22 42	0 46	22 50	0 31	10 47	1 1	24 51	2 9	18 54	18 54	19 58	9 56	5 43
S 23	18 16	12 0	5 12	20 42	2 3	5 10	0 40	24 51	4 30	3 33	1 31	22 42	0 46	22 50	0 31	10 46	1 1	24 51	2 9	18 54	18 54	19 57	9 54	5 43
M24	18 0	15 23	4 52	20 14	2 2	4 39	0 37	24 55	4 30	3 34	1 32	22 42	0 45	22 51	0 31	10 45	1 1	24 50	2 9	18 54	18 55	19 57	9 53	5 43
T 25	17 44	18 2	4 18	19 43	2 1	4 8	0 33	24 59	4 29	3 36	1 32	22 42	0 45	22 51	0 31	10 45	1 1	24 50	2 9	18 54	18 56	19 56	9 52	5 43
W26	17 27	19 51	3 34	19 12	1 59	3 37	0 30	25 3	4 29	3 38	1 32	22 42	0 45	22 51	0 31	10 44	1 1	24 50	2 9	18 54	18 57	19 56	9 51	5 43
T 27	17 10	20 46	2 41	18 38	1 57	3 5	0 26	25 7	4 28	3 40	1 32	22 42	0 45	22 52	0 31	10 43	1 1	24 50	2 9	18 54	18 58	19 55	9 50	5 43
F 28	16 53	20 45	1 41	18 3	1 54	2 34	0 23	25 11	4 27	3 42	1 33	22 42	0 45	22 52	0 31	10 42	1 1	24 50	2 9	18 54	18 58	19 55	9 49	5 43
S 29	16 35	19 49	0 38	17 26	1 51	2 2	0 19	25 14	4 26	3 43	1 33	22 42	0 45	22 52	0 31	10 42	1 1	24 50	2 9	18 53	18 59	19 54	9 47	5 43
S 30	16 18	18 1	0n28	16 47	1 47	1 31	0 15	25 17	4 25	3 46	1 33	22 42	0 44	22 52	0 31	10 41	1 1	24 50	2 10	18 53	19 0	19 54	9 46	5 43
M31	16s 0	15n26	1n32	16s 7	1s42	0s59	0s11	25n20	4n24	3n48	1n33	22n43	0s44	22n53	0n31	10s40	1s 1	24s50	2s10	18n54	19n 1	19n53	9s45	5n43

Julian Day Number = 2097995.5, Delta T = 21m56s
Ecliptic obliquity = 23°33'47, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'51, Lahiri = 10°21'52 Julian Calendar 1 Jan. 1032 == Greg. Calendar 7 Jan. 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

FEBRUARY 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 3 42	17♒26'21	4♍46	23♒ 3	29♓ 7	25°R57	23°R59	24°R26	17°R51	5♓ 4	15♑19	5°R53	5♌22	29♋13	19♒ 8	T 1
W 2	9 7 39	18°26'45	16°51	24°56	0♈17	25♋38	23♍54	24♊24	17♋49	5° 6	15°20	5♌52	5°19	29°20	19°12	W 2
T 3	9 11 35	19°27'08	29° 5	26°49	1°27	25°21	23°49	24°22	17°47	5° 8	15°22	5°50	5°16	29°26	19°16	T 3
F 4	9 15 32	20°27'30	11♎31	28°42	2°36	25° 4	23°44	24°20	17°45	5°11	15°24	5°48	5°13	29°33	19°20	F 4
S 5	9 19 28	21°27'49	24°11	0♓35	3°46	24°47	23°38	24°19	17°42	5°13	15°25	5°46	5° 9	29°40	19°24	S 5
S 6	9 23 25	22°28'08	7♏ 8	2°27	4°55	24°32	23°33	24°17	17°40	5°15	15°27	5°44	5° 6	29°46	19°28	S 6
M 7	9 27 21	23°28'24	20°23	4°19	6° 4	24°17	23°27	24°16	17°38	5°17	15°29	5°D44	5° 3	29°53	19°32	M 7
T 8	9 31 18	24°28'40	3♐59	6°10	7°13	24° 2	23°21	24°14	17°36	5°19	15°30	5°44	5° 0	29°59	19°37	T 8
W 9	9 35 14	25°28'54	17°57	8° 1	8°22	23°49	23°15	24°13	17°35	5°22	15°32	5°45	4°57	0♌ 6	19°41	W 9
T 10	9 39 11	26°29'06	2♑17	9°49	9°30	23°36	23° 9	24°12	17°33	5°24	15°33	5°46	4°54	0°13	19°45	T 10
F 11	9 43 8	27°29'17	16°56	11°36	10°39	23°24	23° 3	24°11	17°31	5°26	15°35	5°47	4°50	0°19	19°49	F 11
S 12	9 47 4	28°29'26	1♒51	13°20	11°47	23°13	22°56	24°10	17°29	5°29	15°37	5°R48	4°47	0°26	19°53	S 12
S 13	9 51 1	29°29'33	16°53	15° 1	12°55	23° 3	22°50	24°10	17°27	5°31	15°38	5°48	4°44	0°33	19°57	S 13
M14	9 54 57	0♓29'39	1♓56	16°39	14° 3	22°53	22°43	24° 9	17°26	5°33	15°40	5°46	4°41	0°39	20° 1	M14
T 15	9 58 54	1°29'42	16°50	18°13	15°11	22°45	22°36	24° 9	17°24	5°35	15°41	5°44	4°38	0°46	20° 5	T 15
W16	10 2 50	2°29'44	1♈26	19°42	16°18	22°37	22°30	24° 8	17°22	5°38	15°43	5°40	4°34	0°53	20° 9	W16
T 17	10 6 47	3°29'43	15°39	21° 6	17°26	22°29	22°23	24° 8	17°21	5°40	15°44	5°36	4°31	0°59	20°13	T 17
F 18	10 10 43	4°29'40	29°26	22°25	18°33	22°23	22°16	24° 8	17°19	5°42	15°45	5°32	4°28	1° 6	20°17	F 18
S 19	10 14 40	5°29'35	12♉44	23°37	19°40	22°18	22° 8	24°D 8	17°18	5°44	15°47	5°29	4°25	1°13	20°21	S 19
S 20	10 18 36	6°29'28	25°37	24°43	20°46	22°13	22° 1	24° 8	17°16	5°47	15°48	5°27	4°22	1°19	20°25	S 20
M21	10 22 33	7°29'18	8♊ 7	25°42	21°53	22° 9	21°54	24° 8	17°15	5°49	15°50	5°D26	4°19	1°26	20°29	M21
T 22	10 26 30	8°29'06	20°19	26°34	22°59	22° 6	21°47	24° 8	17°13	5°51	15°51	5°27	4°15	1°32	20°33	T 22
W23	10 30 26	9°28'52	2♋17	27°17	24° 5	22° 3	21°39	24° 9	17°12	5°53	15°52	5°28	4°12	1°39	20°36	W23
T 24	10 34 23	10°28'36	14° 7	27°53	25°11	22° 1	21°32	24° 9	17°11	5°56	15°54	5°30	4° 9	1°46	20°40	T 24
F 25	10 38 19	11°28'17	25°54	28°20	26°16	22° 0	21°24	24°10	17°10	5°58	15°55	5°31	4° 6	1°52	20°44	F 25
S 26	10 42 16	12°27'56	7♌41	28°39	27°21	22°D 0	21°17	24°11	17° 8	6° 0	15°56	5°R32	4° 3	1°59	20°48	S 26
S 27	10 46 12	13°27'33	19°33	28°50	28°26	22° 1	21° 9	24°12	17° 7	6° 3	15°57	5°31	3°59	2° 6	20°52	S 27
M28	10 50 9	14°27'08	1♍31	28°R52	29°31	22° 2	21° 2	24°13	17° 6	6° 5	15°59	5°28	3°56	2°12	20°56	M28
T 29	10 54 5	15♓26'40	13♍40	28♓46	0♉35	22♋ 4	20♍54	24♊14	17♋ 5	6♓ 7	16♑ 0	5♌23	3♌53	2♌19	20♒59	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s41	12n11	2n33	15s26	1s37	0s28	0s 7	25n22	4n23	3n50	1n34	22n43	0s44	22n53	0n31	10s39	1s 1	24s50	2s10	18n54	19n 2	19n53	9s44	5n43
W 2	15 23	8 25	3 28	14 43	1 31	0n 4	0 3	25 25	4 22	3 52	1 34	22 43	0 44	22 53	0 31	10 38	1 1	24 50	2 10	18 54	19 2	19 52	9 43	5 43
T 3	15 4	4 15	4 14	13 58	1 25	0 35	0n 1	25 27	4 21	3 54	1 34	22 43	0 44	22 54	0 31	10 37	1 1	24 50	2 10	18 55	19 3	19 52	9 41	5 43
F 4	14 45	0s 9	4 49	13 12	1 18	1 7	0 5	25 29	4 19	3 57	1 34	22 43	0 44	22 54	0 31	10 37	1 1	24 50	2 10	18 55	19 4	19 51	9 40	5 43
S 5	14 25	4 37	5 10	12 25	1 10	1 38	0 9	25 30	4 18	3 59	1 35	22 43	0 43	22 54	0 31	10 36	1 1	24 49	2 10	18 56	19 5	19 51	9 39	5 43
S 6	14 6	8 59	5 16	11 37	1 2	2 10	0 13	25 32	4 16	4 1	1 35	22 43	0 43	22 54	0 31	10 35	1 1	24 49	2 10	18 56	19 5	19 50	9 38	5 43
M 7	13 46	13 1	5 6	10 48	0 53	2 41	0 17	25 33	4 15	4 4	1 35	22 43	0 43	22 55	0 31	10 34	1 1	24 49	2 11	18 56	19 6	19 50	9 36	5 43
T 8	13 26	16 29	4 39	9 58	0 43	3 13	0 22	25 34	4 13	4 6	1 35	22 43	0 43	22 55	0 31	10 33	1 1	24 49	2 11	18 56	19 7	19 49	9 35	5 43
W 9	13 6	19 7	3 55	9 7	0 33	3 44	0 26	25 35	4 11	4 9	1 35	22 43	0 43	22 55	0 31	10 33	1 1	24 49	2 11	18 56	19 8	19 48	9 34	5 43
T 10	12 45	20 38	2 55	8 16	0 22	4 15	0 30	25 35	4 10	4 12	1 35	22 44	0 43	22 55	0 31	10 32	1 1	24 49	2 11	18 56	19 8	19 48	9 33	5 43
F 11	12 24	20 47	1 42	7 25	0 10	4 46	0 35	25 35	4 8	4 14	1 36	22 44	0 42	22 56	0 31	10 31	1 1	24 49	2 11	18 55	19 9	19 47	9 31	5 43
S 12	12 4	19 30	0 22	6 33	0n 2	5 17	0 39	25 36	4 6	4 17	1 36	22 44	0 42	22 56	0 31	10 30	1 1	24 49	2 11	18 55	19 10	19 47	9 30	5 43
S 13	11 43	16 49	1s 1	5 43	0 14	5 48	0 44	25 36	4 4	4 20	1 36	22 44	0 42	22 56	0 31	10 29	1 1	24 49	2 11	18 55	19 11	19 46	9 29	5 43
M14	11 21	13 0	2 19	4 53	0 27	6 19	0 48	25 35	4 2	4 23	1 36	22 44	0 42	22 56	0 31	10 28	1 1	24 49	2 11	18 56	19 12	19 46	9 28	5 43
T 15	11 0	8 24	3 27	4 4	0 41	6 49	0 53	25 35	4 0	4 25	1 36	22 44	0 42	22 56	0 31	10 28	1 1	24 49	2 12	18 56	19 12	19 45	9 26	5 43
W16	10 38	3 24	4 20	3 16	0 54	7 20	0 57	25 34	3 58	4 28	1 36	22 44	0 42	22 57	0 31	10 27	1 1	24 49	2 12	18 57	19 13	19 44	9 25	5 43
T 17	10 17	1n39	4 55	2 30	1 8	7 50	1 2	25 34	3 56	4 31	1 37	22 45	0 41	22 57	0 31	10 26	1 1	24 49	2 12	18 58	19 14	19 44	9 24	5 43
F 18	9 55	6 28	5 12	1 46	1 22	8 20	1 7	25 33	3 54	4 34	1 37	22 45	0 41	22 57	0 31	10 25	1 1	24 49	2 12	18 59	19 15	19 43	9 23	5 43
S 19	9 33	10 48	5 11	1 5	1 36	8 50	1 11	25 32	3 52	4 37	1 37	22 45	0 41	22 57	0 31	10 24	1 1	24 49	2 12	19 0	19 15	19 43	9 21	5 43
S 20	9 11	14 29	4 55	0 26	1 50	9 19	1 16	25 31	3 50	4 40	1 37	22 45	0 41	22 57	0 31	10 23	1 1	24 49	2 12	19 0	19 16	19 42	9 20	5 43
M21	8 48	17 25	4 24	0n10	2 3	9 49	1 21	25 29	3 48	4 43	1 37	22 45	0 41	22 58	0 31	10 23	1 1	24 49	2 12	19 1	19 17	19 41	9 19	5 43
T 22	8 26	19 30	3 43	0 42	2 16	10 18	1 25	25 28	3 46	4 46	1 37	22 46	0 40	22 58	0 31	10 22	1 1	24 49	2 13	19 0	19 18	19 41	9 17	5 43
W23	8 3	20 41	2 52	1 11	2 29	10 47	1 30	25 26	3 44	4 49	1 37	22 46	0 40	22 58	0 31	10 21	1 1	24 49	2 13	19 0	19 18	19 40	9 16	5 43
T 24	7 41	20 55	1 55	1 36	2 41	11 16	1 35	25 24	3 42	4 52	1 37	22 46	0 40	22 58	0 31	10 20	1 1	24 49	2 13	19 0	19 19	19 40	9 15	5 43
F 25	7 18	20 13	0 52	1 57	2 52	11 44	1 40	25 22	3 40	4 55	1 38	22 46	0 40	22 58	0 31	10 19	1 1	24 49	2 13	18 59	19 20	19 39	9 13	5 44
S 26	6 55	18 38	0n12	2 14	3 2	12 12	1 44	25 20	3 38	4 58	1 38	22 46	0 40	22 58	0 31	10 18	1 1	24 49	2 13	18 59	19 21	19 38	9 12	5 44
S 27	6 32	16 14	1 16	2 27	3 11	12 40	1 49	25 18	3 36	5 1	1 38	22 47	0 40	22 58	0 31	10 18	1 1	24 49	2 13	18 59	19 21	19 38	9 11	5 44
M28	6 9	13 7	2 17	2 35	3 18	13 8	1 54	25 16	3 34	5 4	1 38	22 47	0 39	22 59	0 31	10 17	1 1	24 49	2 13	19 0	19 22	19 37	9 10	5 44
T 29	5s46	9n25	3n12	2n38	3n25	13n35	1n59	25n14	3n32	5n 7	1n38	22n47	0s39	22n59	0n31	10s16	1s 1	24s49	2s14	19n 1	19n23	19n36	9s 8	5n44

Julian Day Number = 2098026.5, Delta T = 21m56s
Ecliptic obliquity = 23°33'48, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°14'56, Lahiri = 10°21'56 Julian Calendar 1 Feb. 1032 == Greg. Calendar 7 Feb. 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

MARCH 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 58 2	16♓26'11	25♍59	28°R33	1♉39	22♋ 7	20°R46	24♊15	17°R 4	6♓ 9	16♑ 1	5°R16	3♌50	2♌26	21♒ 3	W 1
T 2	11 1 59	17°25'39	8♎29	28♓12	2°43	22°10	20♍38	24°16	17♋ 3	6°12	16° 2	5♌ 9	3°47	2°32	21° 7	T 2
F 3	11 5 55	18°25'05	21°12	27°44	3°47	22°14	20°31	24°18	17° 2	6°14	16° 3	5° 1	3°44	2°39	21°11	F 3
S 4	11 9 52	19°24'30	4♏ 8	27°10	4°50	22°19	20°23	24°19	17° 2	6°16	16° 4	4°54	3°40	2°46	21°14	S 4
S 5	11 13 48	20°23'52	17°17	26°31	5°53	22°24	20°15	24°21	17° 1	6°18	16° 5	4°48	3°37	2°52	21°18	S 5
M 6	11 17 45	21°23'13	0♐39	25°48	6°55	22°30	20° 7	24°23	17° 0	6°20	16° 6	4°44	3°34	2°59	21°22	M 6
T 7	11 21 41	22°22'32	14°15	25° 1	7°58	22°37	20° 0	24°24	16°59	6°23	16° 7	4°42	3°31	3° 5	21°25	T 7
W 8	11 25 38	23°21'49	28° 5	24°12	8°59	22°44	19°52	24°26	16°59	6°25	16° 8	4°D42	3°28	3°12	21°29	W 8
T 9	11 29 34	24°21'05	12♑11	23°21	10° 1	22°52	19°44	24°28	16°58	6°27	16° 9	4°42	3°25	3°19	21°33	T 9
F 10	11 33 31	25°20'19	26°30	22°30	11° 2	23° 1	19°37	24°31	16°58	6°29	16°10	4°43	3°21	3°25	21°36	F 10
S 11	11 37 28	26°19'31	11♒ 2	21°40	12° 3	23°10	19°29	24°33	16°57	6°31	16°11	4°R44	3°18	3°32	21°40	S 11
S 12	11 41 24	27°18'41	25°41	20°52	13° 3	23°20	19°21	24°35	16°57	6°34	16°12	4°42	3°15	3°39	21°43	S 12
M13	11 45 21	28°17'49	10♓24	20° 6	14° 3	23°30	19°14	24°38	16°56	6°36	16°13	4°38	3°12	3°45	21°47	M13
T 14	11 49 17	29°16'55	25° 2	19°23	15° 3	23°41	19° 6	24°40	16°56	6°38	16°14	4°31	3° 9	3°52	21°50	T 14
W15	11 53 14	0♈15'58	9♈28	18°44	16° 2	23°52	18°59	24°43	16°56	6°40	16°14	4°23	3° 5	3°59	21°53	W15
T 16	11 57 10	1°15'00	23°37	18° 9	17° 1	24° 4	18°51	24°46	16°56	6°42	16°15	4°13	3° 2	4° 5	21°57	T 16
F 17	12 1 7	2°14'00	7♉23	17°39	17°59	24°16	18°44	24°49	16°56	6°44	16°16	4° 4	2°59	4°12	22° 0	F 17
S 18	12 5 3	3°12'57	20°44	17°14	18°57	24°29	18°36	24°52	16°56	6°46	16°17	3°56	2°56	4°19	22° 3	S 18
S 19	12 9 0	4°11'52	3♊40	16°55	19°54	24°43	18°29	24°55	16°D55	6°48	16°17	3°49	2°53	4°25	22° 7	S 19
M20	12 12 56	5°10'45	16°13	16°41	20°51	24°57	18°22	24°58	16°55	6°50	16°18	3°45	2°50	4°32	22°10	M20
T 21	12 16 53	6° 9'36	28°27	16°32	21°47	25°11	18°15	25° 1	16°56	6°53	16°19	3°43	2°46	4°39	22°13	T 21
W22	12 20 50	7° 8'24	10♋27	16°D29	22°43	25°26	18° 8	25° 5	16°56	6°55	16°19	3°D43	2°43	4°45	22°16	W22
T 23	12 24 46	8° 7'10	22°18	16°31	23°38	25°42	18° 1	25° 8	16°56	6°57	16°20	3°44	2°40	4°52	22°19	T 23
F 24	12 28 43	9° 5'54	4♌ 5	16°38	24°32	25°58	17°54	25°12	16°56	6°59	16°20	3°R44	2°37	4°58	22°22	F 24
S 25	12 32 39	10° 4'35	15°54	16°50	25°26	26°14	17°47	25°15	16°56	7° 1	16°21	3°43	2°34	5° 5	22°25	S 25
S 26	12 36 36	11° 3'14	27°50	17° 7	26°20	26°31	17°41	25°19	16°57	7° 3	16°21	3°41	2°30	5°12	22°28	S 26
M27	12 40 32	12° 1'51	9♍55	17°29	27°12	26°48	17°34	25°23	16°57	7° 4	16°22	3°35	2°27	5°18	22°31	M27
T 28	12 44 29	13° 0'26	22°14	17°55	28° 4	27° 6	17°28	25°27	16°58	7° 6	16°22	3°27	2°24	5°25	22°34	T 28
W29	12 48 25	13°58'58	4♎48	18°26	28°56	27°24	17°21	25°31	16°58	7° 8	16°23	3°17	2°21	5°32	22°37	W29
T 30	12 52 22	14°57'29	17°37	19° 0	29°46	27°42	17°15	25°35	16°59	7°10	16°23	3° 6	2°18	5°38	22°40	T 30
F 31	12 56 19	15♈55'58	0♏42	19♓39	0♊36	28♋ 1	17♍ 9	25♊39	16♋59	7♓12	16♑23	2♌54	2♌15	5♌45	22♒43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s23	5n16	4n 0	2n37	3n30	14n 2	2n 3	25n11	3n30	5n11	1n38	22n47	0s39	22n59	0n31	10s15	1s 1	24s49	2s14	19n 3	19n24	19n36	9s 7	5n44
T 2	5 0	0 51	4 36	2 32	3 33	14 29	2 8	25 8	3 28	5 14	1 38	22 47	0 39	22 59	0 31	10 14	1 1	24 49	2 14	19 5	19 24	19 35	9 6	5 44
F 3	4 36	3s41	5 0	2 22	3 34	14 55	2 13	25 6	3 25	5 17	1 38	22 48	0 39	22 59	0 31	10 13	1 1	24 49	2 14	19 7	19 25	19 35	9 4	5 44
S 4	4 13	8 7	5 9	2 9	3 34	15 21	2 18	25 3	3 23	5 20	1 38	22 48	0 39	22 59	0 31	10 13	1 2	24 49	2 14	19 8	19 26	19 34	9 3	5 44
S 5	3 49	12 15	5 2	1 51	3 32	15 47	2 22	25 0	3 21	5 23	1 38	22 48	0 38	22 59	0 31	10 12	1 2	24 49	2 14	19 10	19 27	19 33	9 2	5 45
M 6	3 26	15 51	4 38	1 30	3 28	16 12	2 27	24 57	3 19	5 26	1 38	22 48	0 38	22 59	0 31	10 11	1 2	24 49	2 14	19 11	19 27	19 33	9 1	5 45
T 7	3 2	18 41	3 59	1 6	3 22	16 37	2 32	24 54	3 17	5 29	1 38	22 49	0 38	22 59	0 31	10 10	1 2	24 49	2 15	19 11	19 28	19 32	8 59	5 45
W 8	2 39	20 28	3 5	0 40	3 15	17 2	2 36	24 51	3 15	5 32	1 38	22 49	0 38	22 59	0 31	10 9	1 2	24 49	2 15	19 11	19 29	19 31	8 58	5 45
T 9	2 15	21 2	1 59	0 12	3 6	17 26	2 41	24 47	3 13	5 35	1 38	22 49	0 38	22 59	0 31	10 9	1 2	24 49	2 15	19 11	19 30	19 30	8 57	5 45
F 10	1 52	20 14	0 44	0s18	2 55	17 50	2 46	24 44	3 11	5 38	1 38	22 49	0 38	22 59	0 31	10 8	1 2	24 49	2 15	19 11	19 30	19 30	8 56	5 45
S 11	1 28	18 6	0s34	0 49	2 44	18 13	2 50	24 40	3 9	5 41	1 38	22 50	0 37	22 59	0 31	10 7	1 2	24 49	2 15	19 11	19 31	19 29	8 54	5 45
S 12	1 4	14 45	1 50	1 20	2 31	18 36	2 55	24 37	3 7	5 44	1 38	22 50	0 37	23 0	0 31	10 6	1 2	24 49	2 15	19 11	19 32	19 28	8 53	5 46
M13	0 41	10 29	3 0	1 51	2 17	18 59	2 59	24 33	3 5	5 47	1 38	22 50	0 37	23 0	0 31	10 5	1 2	24 49	2 15	19 12	19 33	19 28	8 52	5 46
T 14	0 17	5 36	3 57	2 22	2 2	19 21	3 3	24 29	3 3	5 50	1 38	22 50	0 37	23 0	0 31	10 5	1 2	24 49	2 16	19 14	19 33	19 27	8 50	5 46
W15	0n 6	0 29	4 37	2 51	1 46	19 43	3 8	24 25	3 1	5 53	1 38	22 51	0 37	23 0	0 31	10 4	1 2	24 49	2 16	19 16	19 34	19 26	8 49	5 46
T 16	0 30	4n34	5 0	3 19	1 31	20 4	3 12	24 21	2 59	5 56	1 38	22 51	0 37	23 0	0 31	10 3	1 2	24 49	2 16	19 18	19 35	19 26	8 48	5 46
F 17	0 54	9 15	5 5	3 45	1 15	20 25	3 16	24 17	2 57	5 59	1 38	22 51	0 36	23 0	0 31	10 2	1 2	24 49	2 16	19 20	19 36	19 25	8 47	5 47
S 18	1 17	13 20	4 53	4 10	0 59	20 45	3 21	24 13	2 55	6 2	1 38	22 52	0 36	23 0	0 31	10 2	1 2	24 49	2 16	19 22	19 36	19 24	8 46	5 47
S 19	1 41	16 39	4 25	4 32	0 43	21 5	3 25	24 8	2 53	6 5	1 38	22 52	0 36	23 0	0 31	10 1	1 2	24 49	2 16	19 24	19 37	19 23	8 44	5 47
M20	2 4	19 6	3 46	4 52	0 27	21 25	3 29	24 4	2 52	6 7	1 38	22 52	0 36	23 0	0 31	10 0	1 2	24 49	2 16	19 25	19 38	19 23	8 43	5 47
T 21	2 28	20 36	2 57	5 10	0 12	21 44	3 33	23 59	2 50	6 10	1 38	22 52	0 36	22 59	0 31	9 59	1 2	24 49	2 17	19 25	19 38	19 22	8 42	5 47
W22	2 51	21 8	2 1	5 25	0s 3	22 2	3 37	23 55	2 48	6 13	1 38	22 53	0 36	22 59	0 31	9 59	1 2	24 49	2 17	19 25	19 39	19 21	8 41	5 48
T 23	3 14	20 42	1 1	5 37	0 17	22 20	3 41	23 50	2 46	6 15	1 38	22 53	0 35	22 59	0 31	9 58	1 2	24 49	2 17	19 25	19 40	19 20	8 40	5 48
F 24	3 37	19 22	0n 2	5 47	0 31	22 37	3 44	23 45	2 44	6 18	1 37	22 53	0 35	22 59	0 31	9 57	1 2	24 50	2 17	19 25	19 41	19 20	8 38	5 48
S 25	4 1	17 11	1 5	5 55	0 45	22 54	3 48	23 40	2 42	6 21	1 37	22 54	0 35	22 59	0 31	9 56	1 2	24 50	2 17	19 25	19 41	19 19	8 37	5 48
S 26	4 24	14 14	2 5	6 0	0 57	23 11	3 52	23 35	2 41	6 23	1 37	22 54	0 35	22 59	0 31	9 56	1 2	24 50	2 17	19 26	19 42	19 18	8 36	5 48
M27	4 47	10 40	3 0	6 2	1 10	23 27	3 55	23 30	2 39	6 26	1 37	22 54	0 35	22 59	0 30	9 55	1 2	24 50	2 18	19 27	19 43	19 17	8 35	5 49
T 28	5 10	6 35	3 48	6 2	1 21	23 42	3 58	23 25	2 37	6 28	1 37	22 54	0 35	22 59	0 30	9 54	1 2	24 50	2 18	19 29	19 44	19 17	8 34	5 49
W29	5 33	2 9	4 26	6 0	1 32	23 57	4 2	23 20	2 35	6 30	1 37	22 55	0 35	22 59	0 30	9 54	1 2	24 50	2 18	19 31	19 44	19 16	8 33	5 49
T 30	5 55	2s28	4 51	5 56	1 42	24 11	4 5	23 14	2 34	6 33	1 37	22 55	0 34	22 59	0 30	9 53	1 2	24 50	2 18	19 34	19 45	19 15	8 31	5 49
F 31	6n18	7s 4	5n 1	5s49	1s51	24n25	4n 8	23n 9	2n32	6n35	1n37	22n55	0s34	22n59	0n30	9s52	1s 2	24s50	2s18	19n37	19n46	19n14	8s30	5n50

Julian Day Number = 2098055.5, Delta T = 21m55s
Ecliptic obliquity = 23°33'48, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'00, Lahiri = 10°22'00 Julian Calendar 1 March 1032 == Greg. Calendar 7 March 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

APRIL 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 0 15	16♈54'25	14♏ 0	20♓22	1♊25	28♋20	17°R 3	25♊44	17♋ 0	7♓14	16♉24	2°R42	2♌11	5♌52	22♒45	S 1
S 2	13 4 12	17°52'50	27°29	21° 8	2°13	28°39	16♍57	25°48	17° 1	7°16	16°24	2♌32	2° 8	5°58	22°48	S 2
M 3	13 8 8	18°51'13	11♐ 9	21°57	3° 1	28°59	16°52	25°52	17° 1	7°18	16°24	2°25	2° 5	6° 5	22°51	M 3
T 4	13 12 5	19°49'35	24°58	22°50	3°48	29°20	16°46	25°57	17° 2	7°19	16°24	2°21	2° 2	6°12	22°53	T 4
W 5	13 16 1	20°47'55	8♑53	23°46	4°33	29°40	16°41	26° 2	17° 3	7°21	16°25	2°19	1°59	6°18	22°56	W 5
T 6	13 19 58	21°46'14	22°55	24°45	5°18	0♌ 1	16°35	26° 6	17° 4	7°23	16°25	2°D19	1°56	6°25	22°59	T 6
F 7	13 23 54	22°44'31	7♒ 3	25°46	6° 2	0°22	16°30	26°11	17° 5	7°25	16°25	2°R19	1°52	6°31	23° 1	F 7
S 8	13 27 51	23°42'47	21°16	26°51	6°45	0°44	16°25	26°16	17° 6	7°26	16°25	2°18	1°49	6°38	23° 3	S 8
S 9	13 31 48	24°41'01	5♓33	27°58	7°27	1° 6	16°20	26°21	17° 7	7°28	16°25	2°15	1°46	6°45	23° 6	S 9
M10	13 35 44	25°39'13	19°49	29° 8	8° 7	1°28	16°16	26°26	17° 8	7°30	16°25	2° 9	1°43	6°51	23° 8	M10
T 11	13 39 41	26°37'24	4♈ 3	0♈20	8°47	1°51	16°11	26°31	17° 9	7°31	16°25	2° 0	1°40	6°58	23°10	T 11
W12	13 43 37	27°35'33	18° 7	1°35	9°26	2°14	16° 7	26°36	17°11	7°33	16°R25	1°50	1°36	7° 5	23°13	W12
T 13	13 47 34	28°33'41	1♉58	2°52	10° 3	2°37	16° 3	26°41	17°12	7°35	16°25	1°37	1°33	7°11	23°15	T 13
F 14	13 51 30	29°31'47	15°31	4°11	10°39	3° 0	15°58	26°47	17°13	7°36	16°25	1°25	1°30	7°18	23°17	F 14
S 15	13 55 27	0♉29'51	28°44	5°33	11°14	3°24	15°55	26°52	17°15	7°38	16°25	1°14	1°27	7°25	23°19	S 15
S 16	13 59 23	1°27'53	11♊35	6°57	11°47	3°48	15°51	26°58	17°16	7°39	16°25	1° 5	1°24	7°31	23°21	S 16
M17	14 3 20	2°25'53	24° 7	8°22	12°19	4°12	15°47	27° 3	17°18	7°41	16°25	0°58	1°21	7°38	23°23	M17
T 18	14 7 17	3°23'52	6♋20	9°51	12°50	4°37	15°44	27° 9	17°19	7°42	16°25	0°55	1°17	7°45	23°25	T 18
W19	14 11 13	4°21'49	18°21	11°21	13°19	5° 2	15°41	27°14	17°21	7°44	16°24	0°53	1°14	7°51	23°27	W19
T 20	14 15 10	5°19'43	0♌12	12°53	13°47	5°27	15°38	27°20	17°22	7°45	16°24	0°53	1°11	7°58	23°29	T 20
F 21	14 19 6	6°17'36	12° 0	14°27	14°13	5°52	15°35	27°26	17°24	7°47	16°24	0°53	1° 8	8° 5	23°31	F 21
S 22	14 23 3	7°15'27	23°51	16° 4	14°37	6°18	15°32	27°32	17°26	7°48	16°24	0°52	1° 5	8°11	23°32	S 22
S 23	14 26 59	8°13'17	5♍49	17°42	14°59	6°44	15°30	27°38	17°27	7°49	16°23	0°49	1° 2	8°18	23°34	S 23
M24	14 30 56	9°11'04	17°59	19°23	15°20	7°10	15°27	27°44	17°29	7°51	16°23	0°44	0°58	8°24	23°36	M24
T 25	14 34 52	10° 8'50	0♎26	21° 5	15°39	7°36	15°25	27°50	17°31	7°52	16°23	0°37	0°55	8°31	23°37	T 25
W26	14 38 49	11° 6'34	13°11	22°50	15°56	8° 2	15°23	27°56	17°33	7°53	16°22	0°27	0°52	8°38	23°39	W26
T 27	14 42 45	12° 4'17	26°16	24°37	16°11	8°29	15°21	28° 2	17°35	7°54	16°22	0°15	0°49	8°44	23°40	T 27
F 28	14 46 42	13° 1'58	9♏40	26°25	16°24	8°56	15°20	28° 8	17°37	7°56	16°21	0° 3	0°46	8°51	23°42	F 28
S 29	14 50 39	13°59'38	23°22	28°16	16°35	9°23	15°18	28°15	17°39	7°57	16°21	29♋52	0°42	8°58	23°43	S 29
S 30	14 54 35	14♉57'17	7♐17	0♉ 9	16♊43	9♌51	15♍17	28♊21	17♋41	7♓58	16♉21	29♋42	0♌39	9♌ 4	23♒44	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n41	11s25	4n56	5s40	2s 0	24n38	4n11	23n 3	2n30	6n37	1n36	22n56	0s34	22n59	0n30	9s52	1s 2	24s50	2s18	19n39	19n46	19n13	8s29	5n50
S 2	7 3	15 15	4 34	5 29	2 8	24 51	4 14	22 58	2 29	6 39	1 36	22 56	0 34	22 59	0 30	9 51	1 2	24 50	2 18	19 42	19 47	19 13	8 28	5 50
M 3	7 25	18 20	3 56	5 16	2 15	25 3	4 16	22 52	2 27	6 41	1 36	22 56	0 34	22 58	0 30	9 50	1 2	24 51	2 19	19 43	19 48	19 12	8 27	5 50
T 4	7 48	20 24	3 4	5 2	2 22	25 15	4 19	22 46	2 25	6 43	1 36	22 56	0 34	22 58	0 30	9 50	1 2	24 51	2 19	19 44	19 49	19 11	8 26	5 51
W 5	8 10	21 15	2 1	4 45	2 27	25 26	4 21	22 40	2 24	6 45	1 36	22 57	0 34	22 58	0 30	9 49	1 2	24 51	2 19	19 45	19 49	19 10	8 25	5 51
T 6	8 32	20 47	0 50	4 26	2 33	25 37	4 23	22 34	2 22	6 47	1 36	22 57	0 33	22 58	0 30	9 48	1 2	24 51	2 19	19 45	19 50	19 9	8 24	5 51
F 7	8 53	19 1	0s25	4 6	2 37	25 47	4 25	22 28	2 20	6 49	1 36	22 57	0 33	22 58	0 30	9 48	1 2	24 51	2 19	19 45	19 51	19 9	8 23	5 51
S 8	9 15	16 2	1 39	3 43	2 41	25 56	4 27	22 21	2 19	6 51	1 35	22 58	0 33	22 58	0 30	9 47	1 2	24 51	2 19	19 45	19 51	19 8	8 22	5 52
S 9	9 37	12 6	2 46	3 20	2 45	26 5	4 29	22 15	2 17	6 53	1 35	22 58	0 33	22 58	0 30	9 47	1 2	24 51	2 20	19 46	19 52	19 7	8 21	5 52
M10	9 58	7 28	3 43	2 54	2 47	26 13	4 30	22 8	2 16	6 54	1 35	22 58	0 33	22 57	0 30	9 46	1 2	24 52	2 20	19 47	19 53	19 6	8 20	5 52
T 11	10 19	2 27	4 26	2 27	2 49	26 21	4 32	22 2	2 14	6 56	1 35	22 58	0 33	22 57	0 30	9 45	1 3	24 52	2 20	19 49	19 54	19 5	8 19	5 53
W12	10 40	2n38	4 52	1 59	2 51	26 28	4 33	21 55	2 13	6 57	1 35	22 59	0 33	22 57	0 30	9 45	1 3	24 52	2 20	19 51	19 54	19 4	8 18	5 53
T 13	11 1	7 31	5 1	1 29	2 52	26 35	4 34	21 48	2 11	6 59	1 34	22 59	0 32	22 57	0 30	9 44	1 3	24 52	2 20	19 54	19 55	19 4	8 17	5 53
F 14	11 22	11 55	4 52	0 57	2 52	26 41	4 34	21 41	2 10	7 0	1 34	22 59	0 32	22 57	0 30	9 44	1 3	24 52	2 20	19 57	19 56	19 3	8 16	5 53
S 15	11 42	15 38	4 27	0 24	2 51	26 46	4 35	21 34	2 8	7 2	1 34	22 59	0 32	22 57	0 30	9 43	1 3	24 52	2 21	19 59	19 56	19 2	8 15	5 54
S 16	12 3	18 30	3 50	0n10	2 50	26 51	4 35	21 27	2 7	7 3	1 34	23 0	0 32	22 56	0 30	9 43	1 3	24 52	2 21	20 1	19 57	19 1	8 14	5 54
M17	12 23	20 24	3 2	0 45	2 49	26 56	4 35	21 20	2 5	7 4	1 34	23 0	0 32	22 56	0 30	9 42	1 3	24 53	2 21	20 3	19 58	19 0	8 13	5 54
T 18	12 43	21 19	2 6	1 22	2 47	27 0	4 35	21 13	2 4	7 5	1 33	23 0	0 32	22 56	0 30	9 42	1 3	24 53	2 21	20 4	19 59	18 59	8 12	5 55
W19	13 2	21 13	1 6	2 0	2 44	27 3	4 34	21 5	2 2	7 6	1 33	23 1	0 32	22 56	0 30	9 41	1 3	24 53	2 21	20 4	19 59	18 58	8 11	5 55
T 20	13 22	20 9	0 4	2 39	2 40	27 6	4 33	20 57	2 1	7 7	1 33	23 1	0 31	22 55	0 30	9 41	1 3	24 53	2 21	20 4	20 0	18 58	8 10	5 55
F 21	13 41	18 13	0n59	3 19	2 37	27 8	4 32	20 50	1 59	7 8	1 33	23 1	0 31	22 55	0 30	9 40	1 3	24 53	2 21	20 4	20 1	18 57	8 9	5 56
S 22	14 0	15 30	1 59	4 1	2 32	27 9	4 31	20 42	1 58	7 9	1 33	23 1	0 31	22 55	0 30	9 40	1 3	24 54	2 22	20 4	20 1	18 56	8 8	5 56
S 23	14 19	12 7	2 54	4 43	2 27	27 10	4 29	20 34	1 57	7 10	1 32	23 1	0 31	22 55	0 30	9 39	1 3	24 54	2 22	20 5	20 2	18 55	8 8	5 56
M24	14 38	8 11	3 42	5 26	2 22	27 10	4 27	20 26	1 55	7 11	1 32	23 2	0 31	22 55	0 30	9 39	1 3	24 54	2 22	20 6	20 3	18 54	8 7	5 56
T 25	14 56	3 49	4 21	6 10	2 16	27 10	4 24	20 18	1 54	7 11	1 32	23 2	0 31	22 54	0 30	9 38	1 3	24 54	2 22	20 7	20 3	18 53	8 6	5 57
W26	15 14	0s49	4 48	6 56	2 9	27 9	4 22	20 10	1 53	7 12	1 32	23 2	0 31	22 54	0 30	9 38	1 3	24 54	2 22	20 10	20 4	18 52	8 5	5 57
T 27	15 32	5 31	5 0	7 41	2 2	27 8	4 19	20 1	1 51	7 12	1 31	23 2	0 31	22 54	0 30	9 37	1 3	24 55	2 22	20 12	20 5	18 51	8 4	5 57
F 28	15 50	10 5	4 57	8 28	1 55	27 5	4 15	19 53	1 50	7 13	1 31	23 3	0 30	22 53	0 30	9 37	1 3	24 55	2 23	20 15	20 5	18 50	8 4	5 58
S 29	16 7	14 15	4 37	9 15	1 47	27 3	4 11	19 44	1 49	7 13	1 31	23 3	0 30	22 53	0 30	9 37	1 3	24 55	2 23	20 17	20 6	18 49	8 3	5 58
S 30	16n24	17s42	4n 0	10n 3	1s38	26n59	4n 7	19n36	1n47	7n13	1n31	23n 3	0s30	22n53	0n30	9s36	1s 3	24s55	2s23	20n19	20n 7	18n49	8s 2	5n58

Julian Day Number = 2098086.5, Delta T = 21m55s
Ecliptic obliquity = 23°33'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'04, Lahiri = 10°22'04 Julian Calendar 1 Apr. 1032 == Greg. Calendar 7 Apr. 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

MAY 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 58 32	15♉54'54	21♐21	2♉ 4	16♊50	10♌18	15°R16	28♊28	17♋43	7♓59	16°R20	29°R35	0♌36	9♌11	23♒46	M 1
T 2	15 2 28	16°52'30	5♑31	4° 1	16°54	10°46	15♍15	28°34	17°45	8° 0	16♑19	29♋31	0°33	9°18	23°47	T 2
W 3	15 6 25	17°50'06	19°42	6° 0	16°R56	11°14	15°15	28°41	17°48	8° 1	16°19	29°29	0°30	9°24	23°48	W 3
T 4	15 10 21	18°47'40	3♒54	8° 0	16°55	11°42	15°14	28°47	17°50	8° 2	16°18	29°D29	0°27	9°31	23°49	T 4
F 5	15 14 18	19°45'13	18° 3	10° 3	16°53	12°11	15°14	28°54	17°52	8° 3	16°18	29°R29	0°23	9°38	23°50	F 5
S 6	15 18 15	20°42'45	2♓ 8	12° 7	16°47	12°39	15°D14	29° 0	17°54	8° 4	16°17	29°29	0°20	9°44	23°51	S 6
S 7	15 22 11	21°40'17	16°10	14°13	16°40	13° 8	15°14	29° 7	17°57	8° 5	16°16	29°26	0°17	9°51	23°52	S 7
M 8	15 26 8	22°37'48	0♈ 5	16°21	16°30	13°37	15°14	29°14	17°59	8° 6	16°16	29°22	0°14	9°57	23°53	M 8
T 9	15 30 4	23°35'17	13°54	18°29	16°17	14° 6	15°14	29°21	18° 2	8° 7	16°15	29°15	0°11	10° 4	23°53	T 9
W10	15 34 1	24°32'46	27°32	20°39	16° 3	14°35	15°15	29°28	18° 4	8° 8	16°14	29° 5	0° 7	10°11	23°54	W10
T 11	15 37 57	25°30'14	10♉59	22°50	15°46	15° 5	15°15	29°34	18° 7	8° 9	16°13	28°55	0° 4	10°17	23°55	T 11
F 12	15 41 54	26°27'41	24°11	25° 1	15°26	15°34	15°16	29°41	18° 9	8°10	16°13	28°44	0° 1	10°24	23°55	F 12
S 13	15 45 50	27°25'07	7♊ 7	27°13	15° 5	16° 4	15°17	29°48	18°12	8°10	16°12	28°35	29♋58	10°31	23°56	S 13
S 14	15 49 47	28°22'32	19°46	29°25	14°41	16°34	15°19	29°55	18°15	8°11	16°11	28°27	29°55	10°37	23°57	S 14
M15	15 53 44	29°19'56	2♋ 9	1♊37	14°15	17° 4	15°20	0♋ 2	18°17	8°12	16°10	28°21	29°52	10°44	23°57	M15
T 16	15 57 40	0♊17'19	14°18	3°48	13°47	17°35	15°22	0°10	18°20	8°12	16° 9	28°18	29°48	10°51	23°57	T 16
W17	16 1 37	1°14'41	26°16	5°59	13°17	18° 5	15°24	0°17	18°23	8°13	16° 8	28°D17	29°45	10°57	23°58	W17
T 18	16 5 33	2°12'02	8♌ 7	8° 9	12°46	18°36	15°26	0°24	18°25	8°14	16° 7	28°18	29°42	11° 4	23°58	T 18
F 19	16 9 30	3° 9'22	19°55	10°18	12°13	19° 6	15°28	0°31	18°28	8°14	16° 7	28°18	29°39	11°11	23°58	F 19
S 20	16 13 26	4° 6'40	1♍46	12°25	11°39	19°37	15°30	0°38	18°31	8°15	16° 6	28°R19	29°36	11°17	23°58	S 20
S 21	16 17 23	5° 3'58	13°44	14°31	11° 3	20° 8	15°33	0°46	18°34	8°15	16° 5	28°19	29°33	11°24	23°58	S 21
M22	16 21 19	6° 1'15	25°56	16°35	10°27	20°40	15°35	0°53	18°37	8°16	16° 4	28°17	29°29	11°31	23°R58	M22
T 23	16 25 16	6°58'30	8♎25	18°37	9°50	21°11	15°38	1° 0	18°40	8°16	16° 3	28°13	29°26	11°37	23°58	T 23
W24	16 29 13	7°55'45	21°15	20°37	9°12	21°43	15°41	1° 8	18°43	8°17	16° 2	28° 7	29°23	11°44	23°58	W24
T 25	16 33 9	8°52'59	4♏29	22°35	8°35	22°14	15°44	1°15	18°46	8°17	16° 0	27°59	29°20	11°50	23°58	T 25
F 26	16 37 6	9°50'12	18° 6	24°31	7°57	22°46	15°48	1°23	18°49	8°17	15°59	27°52	29°17	11°57	23°58	F 26
S 27	16 41 2	10°47'25	2♐ 5	26°25	7°19	23°18	15°51	1°30	18°52	8°18	15°58	27°44	29°13	12° 4	23°58	S 27
S 28	16 44 59	11°44'37	16°22	28°16	6°43	23°50	15°55	1°37	18°55	8°18	15°57	27°38	29°10	12°10	23°57	S 28
M29	16 48 55	12°41'49	0♑50	0♋ 6	6° 6	24°22	15°59	1°45	18°58	8°18	15°56	27°33	29° 7	12°17	23°57	M29
T 30	16 52 52	13°39'00	15°25	1°52	5°31	24°54	16° 3	1°53	19° 1	8°18	15°55	27°31	29° 4	12°24	23°57	T 30
W31	16 56 48	14♊36'11	0♒ 0	3♋37	4♊57	25♌27	16♍ 7	2♋ 0	19♋ 4	8♓18	15♑54	27°D31	29♋ 1	12♌30	23♒56	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n41	20s10	3n 8	10n51	1s30	26n55	4n 2	19n27	1n46	7n13	1n30	23n 3	0s30	22n53	0n30	9s36	1s 3	24s55	2s23	20n21	20n 8	18n48	8s 1	5n59
T 2	16 58	21 23	2 4	11 40	1 20	26 50	3 57	19 18	1 45	7 14	1 30	23 3	0 30	22 52	0 30	9 35	1 3	24 56	2 23	20 21	20 8	18 47	8 1	5 59
W 3	17 14	21 15	0 52	12 28	1 11	26 45	3 51	19 9	1 43	7 14	1 30	23 4	0 30	22 52	0 30	9 35	1 3	24 56	2 23	20 22	20 9	18 46	8 0	5 59
T 4	17 30	19 46	0s23	13 17	1 1	26 39	3 45	19 0	1 42	7 14	1 30	23 4	0 30	22 52	0 30	9 35	1 3	24 56	2 23	20 22	20 10	18 45	7 59	6 0
F 5	17 46	17 2	1 37	14 6	0 51	26 32	3 38	18 51	1 41	7 13	1 29	23 4	0 30	22 51	0 30	9 34	1 3	24 56	2 24	20 22	20 10	18 44	7 59	6 0
S 6	18 1	13 19	2 45	14 54	0 41	26 24	3 31	18 41	1 40	7 13	1 29	23 4	0 29	22 51	0 30	9 34	1 3	24 57	2 24	20 22	20 11	18 43	7 58	6 0
S 7	18 17	8 53	3 42	15 43	0 30	26 16	3 23	18 32	1 38	7 13	1 29	23 4	0 29	22 51	0 30	9 34	1 4	24 57	2 24	20 22	20 12	18 42	7 57	6 1
M 8	18 31	4 1	4 25	16 30	0 19	26 7	3 15	18 22	1 37	7 13	1 29	23 4	0 29	22 50	0 30	9 33	1 4	24 57	2 24	20 23	20 12	18 41	7 57	6 1
T 9	18 46	1n 1	4 53	17 17	0 9	25 57	3 6	18 13	1 36	7 12	1 29	23 5	0 29	22 50	0 30	9 33	1 4	24 57	2 24	20 25	20 13	18 40	7 56	6 1
W10	19 0	5 56	5 3	18 2	0n 2	25 46	2 57	18 3	1 35	7 12	1 28	23 5	0 29	22 50	0 30	9 33	1 4	24 57	2 24	20 27	20 14	18 39	7 56	6 2
T 11	19 14	10 30	4 57	18 47	0 12	25 35	2 48	17 53	1 34	7 11	1 28	23 5	0 29	22 49	0 30	9 33	1 4	24 58	2 24	20 29	20 14	18 38	7 55	6 2
F 12	19 28	14 29	4 34	19 29	0 23	25 22	2 37	17 43	1 32	7 11	1 28	23 5	0 29	22 49	0 30	9 32	1 4	24 58	2 25	20 31	20 15	18 37	7 55	6 2
S 13	19 41	17 42	3 58	20 10	0 33	25 9	2 27	17 33	1 31	7 10	1 28	23 5	0 29	22 49	0 30	9 32	1 4	24 58	2 25	20 33	20 16	18 36	7 54	6 3
S 14	19 54	20 0	3 11	20 50	0 43	24 56	2 16	17 23	1 30	7 9	1 27	23 5	0 28	22 48	0 30	9 32	1 4	24 58	2 25	20 35	20 16	18 35	7 54	6 3
M15	20 7	21 17	2 15	21 27	0 52	24 41	2 4	17 13	1 29	7 9	1 27	23 5	0 28	22 48	0 30	9 32	1 4	24 59	2 25	20 36	20 17	18 34	7 53	6 3
T 16	20 19	21 34	1 14	22 2	1 2	24 26	1 52	17 2	1 28	7 8	1 27	23 6	0 28	22 47	0 30	9 31	1 4	24 59	2 25	20 36	20 18	18 33	7 53	6 4
W17	20 31	20 50	0 11	22 34	1 10	24 10	1 40	16 52	1 26	7 7	1 27	23 6	0 28	22 47	0 30	9 31	1 4	24 59	2 25	20 37	20 18	18 32	7 52	6 4
T 18	20 43	19 11	0n53	23 4	1 18	23 53	1 27	16 41	1 25	7 6	1 26	23 6	0 28	22 47	0 30	9 31	1 4	24 59	2 25	20 37	20 19	18 31	7 52	6 4
F 19	20 54	16 43	1 54	23 31	1 26	23 36	1 14	16 30	1 24	7 5	1 26	23 6	0 28	22 46	0 30	9 31	1 4	25 0	2 26	20 36	20 20	18 30	7 52	6 5
S 20	21 5	13 33	2 50	23 56	1 33	23 18	1 1	16 19	1 23	7 4	1 26	23 6	0 28	22 46	0 30	9 31	1 4	25 0	2 26	20 36	20 20	18 29	7 51	6 5
S 21	21 15	9 48	3 40	24 18	1 39	22 59	0 47	16 8	1 22	7 2	1 26	23 6	0 28	22 45	0 30	9 31	1 4	25 0	2 26	20 36	20 21	18 28	7 51	6 5
M22	21 25	5 36	4 20	24 37	1 44	22 41	0 33	15 57	1 21	7 1	1 25	23 6	0 28	22 45	0 30	9 30	1 4	25 0	2 26	20 37	20 22	18 27	7 51	6 6
T 23	21 35	1 5	4 50	24 53	1 49	22 21	0 19	15 46	1 20	7 0	1 25	23 6	0 27	22 45	0 30	9 30	1 4	25 1	2 26	20 38	20 22	18 26	7 50	6 6
W24	21 45	3s37	5 5	25 7	1 53	22 2	0 5	15 35	1 19	6 58	1 25	23 6	0 27	22 44	0 30	9 30	1 4	25 1	2 26	20 39	20 23	18 25	7 50	6 6
T 25	21 54	8 17	5 6	25 18	1 56	21 42	0s 9	15 24	1 18	6 57	1 25	23 6	0 27	22 44	0 30	9 30	1 4	25 1	2 26	20 40	20 24	18 24	7 50	6 7
F 26	22 2	12 41	4 49	25 26	1 59	21 22	0 23	15 12	1 17	6 55	1 24	23 6	0 27	22 43	0 30	9 30	1 4	25 1	2 27	20 42	20 24	18 23	7 49	6 7
S 27	22 11	16 32	4 15	25 32	2 1	21 2	0 37	15 1	1 15	6 54	1 24	23 6	0 27	22 43	0 30	9 30	1 4	25 2	2 27	20 43	20 25	18 22	7 49	6 7
S 28	22 19	19 29	3 24	25 35	2 2	20 42	0 51	14 49	1 14	6 52	1 24	23 6	0 27	22 42	0 30	9 30	1 4	25 2	2 27	20 45	20 26	18 21	7 49	6 8
M29	22 26	21 14	2 19	25 36	2 2	20 23	1 5	14 37	1 13	6 51	1 24	23 6	0 27	22 42	0 30	9 30	1 5	25 2	2 27	20 45	20 26	18 20	7 49	6 8
T 30	22 33	21 35	1 5	25 35	2 2	20 3	1 18	14 25	1 12	6 49	1 23	23 6	0 27	22 42	0 29	9 30	1 5	25 3	2 27	20 46	20 27	18 19	7 49	6 8
W31	22n40	20s28	0s14	25n32	2n 1	19n44	1s31	14n13	1n11	6n47	1n23	23n 6	0s27	22n41	0n29	9s30	1s 5	25s 3	2s27	20n46	20n28	18n18	7s48	6n 9

Julian Day Number = 2098116.5, Delta T = 21m55s
Ecliptic obliquity = 23°33'48, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'08, Lahiri = 10°22'08 Julian Calendar 1 May 1032 == Greg. Calendar 7 May 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

JUNE 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 0 45	15♊33'22	14♒30	5♋19	4°R25	25♌59	16♍11	2♋ 8	19♋ 8	8♓19	15°R53	27♋31	28♋58	12♌37	23°R56	T 1
F 2	17 4 42	16°30'33	28°52	6°59	3♊54	26°32	16°16	2°15	19°11	8°19	15♉51	27°33	28°54	12°44	23♒55	F 2
S 3	17 8 38	17°27'43	13♓ 1	8°36	3°25	27° 5	16°20	2°23	19°14	8°19	15°50	27°R33	28°51	12°50	23°54	S 3
S 4	17 12 35	18°24'54	26°59	10°12	2°57	27°38	16°25	2°31	19°17	8°19	15°49	27°33	28°48	12°57	23°54	S 4
M 5	17 16 31	19°22'04	10♈42	11°44	2°32	28°11	16°30	2°38	19°21	8°R19	15°48	27°31	28°45	13° 4	23°53	M 5
T 6	17 20 28	20°19'15	24°13	13°15	2° 9	28°44	16°35	2°46	19°24	8°19	15°46	27°28	28°42	13°10	23°52	T 6
W 7	17 24 24	21°16'26	7♉30	14°43	1°48	29°17	16°40	2°54	19°27	8°19	15°45	27°23	28°39	13°17	23°51	W 7
T 8	17 28 21	22°13'37	20°33	16° 8	1°29	29°51	16°46	3° 1	19°31	8°19	15°44	27°18	28°35	13°24	23°50	T 8
F 9	17 32 17	23°10'47	3♊23	17°31	1°13	0♍24	16°51	3° 9	19°34	8°19	15°43	27°12	28°32	13°30	23°49	F 9
S 10	17 36 14	24° 7'58	15°59	18°52	0°59	0°58	16°57	3°17	19°37	8°18	15°41	27° 7	28°29	13°37	23°48	S 10
S 11	17 40 11	25° 5'09	28°22	20°10	0°47	1°32	17° 3	3°24	19°41	8°18	15°40	27° 3	28°26	13°44	23°47	S 11
M12	17 44 7	26° 2'20	10♋34	21°25	0°38	2° 6	17° 9	3°32	19°44	8°18	15°39	27° 0	28°23	13°50	23°46	M12
T 13	17 48 4	26°59'30	22°35	22°38	0°31	2°40	17°15	3°40	19°48	8°18	15°37	26°D59	28°19	13°57	23°45	T 13
W14	17 52 0	27°56'41	4♌29	23°48	0°27	3°14	17°21	3°48	19°51	8°18	15°36	26°59	28°16	14° 4	23°43	W14
T 15	17 55 57	28°53'51	16°17	24°55	0°D24	3°48	17°27	3°56	19°55	8°17	15°35	27° 0	28°13	14°10	23°42	T 15
F 16	17 59 53	29°51'02	28° 5	25°59	0°25	4°22	17°34	4° 3	19°58	8°17	15°33	27° 2	28°10	14°17	23°41	F 16
S 17	18 3 50	0♋48'12	9♍55	27° 0	0°27	4°57	17°41	4°11	20° 2	8°17	15°32	27° 3	28° 7	14°23	23°39	S 17
S 18	18 7 46	1°45'22	21°53	27°59	0°32	5°31	17°47	4°19	20° 5	8°16	15°31	27° 5	28° 4	14°30	23°38	S 18
M19	18 11 43	2°42'32	4♎ 4	28°54	0°39	6° 6	17°54	4°27	20° 9	8°16	15°29	27°R 5	28° 0	14°37	23°36	M19
T 20	18 15 40	3°39'42	16°32	29°46	0°48	6°41	18° 1	4°35	20°12	8°15	15°28	27° 4	27°57	14°43	23°35	T 20
W21	18 19 36	4°36'52	29°21	0♌34	0°59	7°16	18° 9	4°42	20°16	8°15	15°26	27° 3	27°54	14°50	23°33	W21
T 22	18 23 33	5°34'02	12♏35	1°19	1°12	7°51	18°16	4°50	20°19	8°14	15°25	27° 0	27°51	14°57	23°32	T 22
F 23	18 27 29	6°31'12	26°15	2° 0	1°27	8°26	18°23	4°58	20°23	8°14	15°24	26°58	27°48	15° 3	23°30	F 23
S 24	18 31 26	7°28'22	10♐20	2°38	1°44	9° 1	18°31	5° 6	20°27	8°13	15°22	26°55	27°45	15°10	23°28	S 24
S 25	18 35 22	8°25'33	24°49	3°11	2° 3	9°36	18°39	5°14	20°30	8°13	15°21	26°53	27°41	15°17	23°26	S 25
M26	18 39 19	9°22'44	9♑34	3°40	2°24	10°11	18°46	5°21	20°34	8°12	15°19	26°51	27°38	15°23	23°24	M26
T 27	18 43 15	10°19'56	24°30	4° 6	2°46	10°47	18°54	5°29	20°38	8°11	15°18	26°D51	27°35	15°30	23°23	T 27
W28	18 47 12	11°17'08	9♒28	4°26	3°10	11°22	19° 2	5°37	20°41	8°11	15°17	26°51	27°32	15°37	23°21	W28
T 29	18 51 9	12°14'20	24°20	4°42	3°36	11°58	19°11	5°45	20°45	8°10	15°15	26°52	27°29	15°43	23°19	T 29
F 30	18 55 5	13♋11'34	9♓ 0	4♌54	4♊ 3	12♍34	19♍19	5♋52	20♋49	8♓ 9	15♉14	26♋53	27♋25	15♌50	23♒17	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n47	18s 1	1s31	25n27	1n59	19n26	1s44	14n 1	1n10	6n45	1n23	23n 6	0s27	22n41	0n29	9s30	1s 5	25s 3	2s27	20n46	20n28	18n17	7s48	6n 9
F 2	22 53	14 28	2 42	25 19	1 57	19 8	1 57	13 49	1 9	6 43	1 23	23 6	0 26	22 40	0 29	9 30	1 5	25 3	2 27	20 46	20 29	18 15	7 48	6 9
S 3	22 58	10 7	3 42	25 10	1 54	18 50	2 9	13 37	1 8	6 41	1 22	23 6	0 26	22 40	0 29	9 30	1 5	25 4	2 28	20 45	20 30	18 14	7 48	6 10
S 4	23 3	5 18	4 28	25 0	1 50	18 34	2 20	13 24	1 7	6 39	1 22	23 6	0 26	22 39	0 29	9 30	1 5	25 4	2 28	20 45	20 30	18 13	7 48	6 10
M 5	23 8	0 18	4 58	24 48	1 46	18 18	2 32	13 12	1 6	6 37	1 22	23 6	0 26	22 39	0 29	9 30	1 5	25 4	2 28	20 46	20 31	18 12	7 48	6 10
T 6	23 12	4n37	5 11	24 34	1 41	18 3	2 42	12 59	1 5	6 35	1 22	23 6	0 26	22 38	0 29	9 30	1 5	25 4	2 28	20 46	20 32	18 11	7 48	6 11
W 7	23 16	9 15	5 6	24 19	1 35	17 49	2 53	12 47	1 4	6 32	1 22	23 6	0 26	22 38	0 29	9 30	1 5	25 5	2 28	20 47	20 32	18 10	7 48	6 11
T 8	23 20	13 23	4 46	24 3	1 29	17 35	3 2	12 34	1 3	6 30	1 21	23 6	0 26	22 37	0 29	9 30	1 5	25 5	2 28	20 49	20 33	18 9	7 48	6 11
F 9	23 23	16 49	4 12	23 46	1 22	17 23	3 12	12 21	1 2	6 28	1 21	23 6	0 26	22 37	0 29	9 30	1 5	25 5	2 28	20 50	20 34	18 8	7 48	6 12
S 10	23 26	19 25	3 26	23 28	1 15	17 12	3 20	12 8	1 1	6 25	1 21	23 6	0 26	22 36	0 29	9 30	1 5	25 5	2 28	20 51	20 34	18 7	7 48	6 12
S 11	23 28	21 3	2 30	23 9	1 7	17 1	3 29	11 55	1 0	6 23	1 21	23 6	0 26	22 36	0 29	9 30	1 5	25 6	2 29	20 51	20 35	18 6	7 48	6 12
M12	23 30	21 40	1 29	22 49	0 58	16 52	3 36	11 42	0 59	6 20	1 20	23 5	0 26	22 35	0 29	9 30	1 5	25 6	2 29	20 52	20 36	18 5	7 48	6 13
T 13	23 32	21 16	0 24	22 28	0 49	16 43	3 44	11 29	0 58	6 18	1 20	23 5	0 25	22 35	0 29	9 30	1 5	25 6	2 29	20 52	20 36	18 3	7 48	6 13
W14	23 33	19 54	0n41	22 7	0 40	16 36	3 50	11 16	0 57	6 15	1 20	23 5	0 25	22 34	0 29	9 31	1 5	25 7	2 29	20 52	20 37	18 2	7 48	6 13
T 15	23 34	17 42	1 44	21 45	0 30	16 29	3 57	11 2	0 56	6 12	1 20	23 5	0 25	22 34	0 29	9 31	1 5	25 7	2 29	20 52	20 37	18 1	7 49	6 13
F 16	23 34	14 45	2 43	21 23	0 20	16 23	4 2	10 49	0 55	6 9	1 20	23 5	0 25	22 33	0 29	9 31	1 5	25 7	2 29	20 52	20 38	18 0	7 49	6 14
S 17	23 34	11 12	3 35	21 0	0 9	16 19	4 8	10 35	0 54	6 7	1 19	23 5	0 25	22 33	0 29	9 31	1 5	25 7	2 29	20 51	20 39	17 59	7 49	6 14
S 18	23 33	7 11	4 18	20 38	0s 3	16 15	4 13	10 22	0 53	6 4	1 19	23 5	0 25	22 32	0 29	9 31	1 5	25 8	2 29	20 51	20 39	17 58	7 49	6 14
M19	23 32	2 49	4 50	20 15	0 14	16 12	4 17	10 8	0 52	6 1	1 19	23 4	0 25	22 32	0 29	9 32	1 5	25 8	2 29	20 51	20 40	17 57	7 49	6 15
T 20	23 31	1s46	5 10	19 52	0 27	16 10	4 21	9 54	0 51	5 58	1 19	23 4	0 25	22 31	0 29	9 32	1 6	25 8	2 30	20 51	20 41	17 55	7 50	6 15
W21	23 29	6 23	5 15	19 30	0 39	16 9	4 25	9 40	0 51	5 55	1 19	23 4	0 25	22 31	0 29	9 32	1 6	25 8	2 30	20 51	20 41	17 54	7 50	6 15
T 22	23 27	10 52	5 4	19 8	0 52	16 8	4 28	9 26	0 50	5 52	1 18	23 4	0 25	22 30	0 29	9 32	1 6	25 9	2 30	20 52	20 42	17 53	7 50	6 15
F 23	23 24	14 57	4 35	18 46	1 5	16 8	4 31	9 12	0 49	5 49	1 18	23 4	0 25	22 30	0 29	9 32	1 6	25 9	2 30	20 52	20 43	17 52	7 51	6 16
S 24	23 21	18 20	3 50	18 24	1 19	16 9	4 33	8 58	0 48	5 46	1 18	23 3	0 24	22 29	0 29	9 33	1 6	25 9	2 30	20 53	20 43	17 51	7 51	6 16
S 25	23 18	20 40	2 48	18 3	1 32	16 11	4 35	8 44	0 47	5 42	1 18	23 3	0 24	22 28	0 29	9 33	1 6	25 10	2 30	20 53	20 44	17 50	7 51	6 16
M26	23 14	21 39	1 34	17 43	1 46	16 13	4 37	8 30	0 46	5 39	1 18	23 3	0 24	22 28	0 29	9 33	1 6	25 10	2 30	20 54	20 44	17 48	7 52	6 16
T 27	23 10	21 7	0 13	17 23	2 0	16 16	4 38	8 15	0 45	5 36	1 17	23 3	0 24	22 27	0 29	9 34	1 6	25 10	2 30	20 54	20 45	17 47	7 52	6 17
W28	23 5	19 5	1s 9	17 5	2 14	16 19	4 40	8 1	0 44	5 32	1 17	23 3	0 24	22 27	0 29	9 34	1 6	25 10	2 30	20 54	20 46	17 46	7 52	6 17
T 29	23 0	15 47	2 26	16 47	2 28	16 23	4 41	7 46	0 43	5 29	1 17	23 2	0 24	22 26	0 29	9 34	1 6	25 11	2 30	20 54	20 46	17 45	7 53	6 17
F 30	22n54	11s31	3s33	16n31	2s42	16n28	4s41	7n32	0n42	5n26	1n17	23n 2	0s24	22n26	0n29	9s34	1s 6	25s11	2s31	20n53	20n47	17n44	7s53	6n17

Julian Day Number = 2098147.5, Delta T = 21m54s
Ecliptic obliquity = 23°33'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'12, Lahiri = 10°22'13 Julian Calendar 1 June 1032 == Greg. Calendar 7 June 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

JULY 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 59 2	14♋ 8'48	23♓23	5♌ 1	4♊32	13♍ 9	19♍27	6♋ 0	20♋52	8°R 8	15°R12	26♋54	27♋22	15♌57	23°R15	S 1
S 2	19 2 58	15° 6'03	7♈26	5°R 2	5° 3	13°45	19°36	6° 8	20°56	8♓ 7	15♂11	26°54	27°19	16° 3	23♒12	S 2
M 3	19 6 55	16° 3'19	21° 8	4°59	5°35	14°21	19°44	6°16	21° 0	8° 7	15° 9	26°R54	27°16	16°10	23°10	M 3
T 4	19 10 51	17° 0'36	4♉30	4°51	6° 8	14°57	19°53	6°23	21° 3	8° 6	15° 8	26°54	27°13	16°17	23° 8	T 4
W 5	19 14 48	17°57'54	17°34	4°38	6°42	15°34	20° 2	6°31	21° 7	8° 5	15° 7	26°53	27°10	16°23	23° 6	W 5
T 6	19 18 44	18°55'13	0♊20	4°20	7°18	16°10	20°11	6°39	21°11	8° 4	15° 5	26°52	27° 6	16°30	23° 4	T 6
F 7	19 22 41	19°52'33	12°52	3°57	7°55	16°46	20°20	6°46	21°14	8° 3	15° 4	26°51	27° 3	16°37	23° 1	F 7
S 8	19 26 38	20°49'54	25°11	3°30	8°33	17°23	20°29	6°54	21°18	8° 2	15° 2	26°50	27° 0	16°43	22°59	S 8
S 9	19 30 34	21°47'16	7♋20	2°58	9°12	17°59	20°38	7° 2	21°22	8° 1	15° 1	26°50	26°57	16°50	22°57	S 9
M10	19 34 31	22°44'38	19°20	2°23	9°53	18°36	20°48	7° 9	21°25	8° 0	14°59	26°50	26°54	16°56	22°54	M10
T 11	19 38 27	23°42'02	1♌13	1°44	10°34	19°13	20°57	7°17	21°29	7°59	14°58	26°D50	26°51	17° 3	22°52	T 11
W12	19 42 24	24°39'27	13° 3	1° 2	11°16	19°50	21° 7	7°25	21°33	7°58	14°57	26°50	26°47	17°10	22°49	W12
T 13	19 46 20	25°36'52	24°50	0°18	11°59	20°27	21°16	7°32	21°36	7°57	14°55	26°50	26°44	17°16	22°47	T 13
F 14	19 50 17	26°34'19	6♍38	29♋32	12°44	21° 4	21°26	7°40	21°40	7°56	14°54	26°R50	26°41	17°23	22°44	F 14
S 15	19 54 14	27°31'46	18°30	28°46	13°29	21°41	21°36	7°47	21°44	7°54	14°52	26°50	26°38	17°30	22°42	S 15
S 16	19 58 10	28°29'14	0♎29	28° 0	14°15	22°18	21°46	7°55	21°47	7°53	14°51	26°50	26°35	17°36	22°39	S 16
M17	20 2 7	29°26'42	12°40	27°14	15° 1	22°55	21°56	8° 2	21°51	7°52	14°50	26°50	26°31	17°43	22°36	M17
T 18	20 6 3	0♏24'12	25° 6	26°31	15°49	23°33	22° 6	8°10	21°55	7°51	14°48	26°D49	26°28	17°50	22°34	T 18
W19	20 10 0	1°21'43	7♏52	25°50	16°37	24°10	22°16	8°17	21°58	7°50	14°47	26°49	26°25	17°56	22°31	W19
T 20	20 13 56	2°19'14	21° 0	25°13	17°26	24°48	22°26	8°24	22° 2	7°48	14°46	26°50	26°22	18° 3	22°28	T 20
F 21	20 17 53	3°16'46	4♐34	24°40	18°16	25°25	22°37	8°32	22° 6	7°47	14°44	26°50	26°19	18°10	22°26	F 21
S 22	20 21 49	4°14'20	18°35	24°12	19° 7	26° 3	22°47	8°39	22° 9	7°46	14°43	26°51	26°16	18°16	22°23	S 22
S 23	20 25 46	5°11'54	3♑ 1	23°50	19°58	26°41	22°58	8°46	22°13	7°44	14°42	26°51	26°12	18°23	22°20	S 23
M24	20 29 43	6° 9'30	17°50	23°33	20°50	27°19	23° 8	8°54	22°17	7°43	14°40	26°52	26° 9	18°30	22°17	M24
T 25	20 33 39	7° 7'06	2♒54	23°24	21°42	27°56	23°19	9° 1	22°20	7°42	14°39	26°R52	26° 6	18°36	22°15	T 25
W26	20 37 36	8° 4'44	18° 6	23°D21	22°35	28°35	23°30	9° 8	22°24	7°40	14°38	26°51	26° 3	18°43	22°12	W26
T 27	20 41 32	9° 2'23	3♓15	23°25	23°29	29°13	23°41	9°15	22°27	7°39	14°36	26°50	26° 0	18°50	22° 9	T 27
F 28	20 45 29	10° 0'04	18°13	23°37	24°23	29°51	23°52	9°22	22°31	7°38	14°35	26°49	25°57	18°56	22° 6	F 28
S 29	20 49 25	10°57'46	2♈53	23°56	25°18	0♎29	24° 3	9°29	22°34	7°36	14°34	26°47	25°53	19° 3	22° 3	S 29
S 30	20 53 22	11°55'30	17° 8	24°22	26°13	1° 7	24°14	9°36	22°38	7°35	14°33	26°46	25°50	19°10	22° 0	S 30
M31	20 57 18	12♌53'16	0♉57	24♋57	27♊ 9	1♎46	24♍25	9♋43	22♋41	7♓33	14♂31	26♋45	25♋47	19♌16	21♒58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n48	6s41	4s25	16n16	2s56	16n33	4s41	7n17	0n41	5n22	1n17	23n 2	0s24	22n25	0n29	9s35	1s 6	25s11	2s31	20n53	20n48	17n42	7s54	6n17	S 1
S 2	22 42	1 37	4 59	16 2	3 10	16 38	4 41	7 3	0 40	5 19	1 16	23 1	0 24	22 25	0 29	9 35	1 6	25 11	2 31	20 53	20 48	17 41	7 54	6 18	S 2
M 3	22 36	3n25	5 16	15 50	3 23	16 44	4 41	6 48	0 40	5 15	1 16	23 1	0 24	22 24	0 29	9 36	1 6	25 12	2 31	20 53	20 49	17 40	7 55	6 18	M 3
T 4	22 28	8 9	5 14	15 39	3 36	16 50	4 41	6 33	0 39	5 11	1 16	23 1	0 24	22 23	0 29	9 36	1 6	25 12	2 31	20 53	20 50	17 39	7 55	6 18	T 4
W 5	22 21	12 25	4 57	15 30	3 49	16 56	4 40	6 18	0 38	5 8	1 16	23 1	0 24	22 23	0 29	9 36	1 6	25 12	2 31	20 53	20 50	17 38	7 56	6 18	W 5
T 6	22 13	16 1	4 25	15 23	4 0	17 3	4 39	6 3	0 37	5 4	1 16	23 0	0 23	22 22	0 29	9 37	1 6	25 12	2 31	20 54	20 51	17 36	7 56	6 19	T 6
F 7	22 5	18 49	3 41	15 18	4 11	17 10	4 38	5 48	0 36	5 0	1 16	23 0	0 23	22 22	0 29	9 37	1 6	25 13	2 31	20 54	20 51	17 35	7 57	6 19	F 7
S 8	21 56	20 42	2 47	15 15	4 21	17 17	4 37	5 33	0 35	4 57	1 15	23 0	0 23	22 21	0 29	9 37	1 6	25 13	2 31	20 54	20 52	17 34	7 57	6 19	S 8
S 9	21 47	21 35	1 46	15 13	4 30	17 25	4 35	5 18	0 34	4 53	1 15	22 59	0 23	22 21	0 29	9 38	1 6	25 13	2 31	20 54	20 53	17 33	7 58	6 19	S 9
M10	21 38	21 29	0 42	15 14	4 37	17 32	4 34	5 3	0 34	4 49	1 15	22 59	0 23	22 20	0 29	9 38	1 6	25 13	2 31	20 54	20 53	17 31	7 58	6 19	M10
T 11	21 28	20 23	0n24	15 17	4 43	17 40	4 32	4 47	0 33	4 45	1 15	22 59	0 23	22 19	0 29	9 39	1 6	25 14	2 31	20 54	20 54	17 30	7 59	6 19	T 11
W12	21 18	18 24	1 29	15 21	4 47	17 48	4 30	4 32	0 32	4 41	1 15	22 58	0 23	22 19	0 30	9 39	1 6	25 14	2 32	20 54	20 54	17 29	8 0	6 20	W12
T 13	21 8	15 39	2 29	15 28	4 50	17 56	4 27	4 17	0 31	4 37	1 15	22 58	0 23	22 18	0 30	9 40	1 6	25 14	2 32	20 54	20 55	17 28	8 0	6 20	T 13
F 14	20 57	12 16	3 24	15 36	4 51	18 3	4 25	4 1	0 30	4 33	1 14	22 58	0 23	22 18	0 30	9 40	1 6	25 14	2 32	20 54	20 56	17 26	8 1	6 20	F 14
S 15	20 46	8 24	4 10	15 46	4 50	18 11	4 23	3 46	0 29	4 29	1 14	22 57	0 23	22 17	0 30	9 40	1 7	25 15	2 32	20 54	20 56	17 25	8 2	6 20	S 15
S 16	20 34	4 9	4 45	15 58	4 48	18 19	4 20	3 30	0 28	4 25	1 14	22 57	0 23	22 17	0 30	9 41	1 7	25 15	2 32	20 54	20 57	17 24	8 2	6 20	S 16
M17	20 22	0s18	5 8	16 11	4 44	18 27	4 17	3 15	0 28	4 21	1 14	22 57	0 23	22 16	0 30	9 41	1 7	25 15	2 32	20 54	20 57	17 23	8 3	6 20	M17
T 18	20 10	4 50	5 18	16 25	4 37	18 35	4 14	2 59	0 27	4 17	1 14	22 56	0 23	22 15	0 30	9 42	1 7	25 15	2 32	20 54	20 58	17 21	8 4	6 20	T 18
W19	19 58	9 17	5 12	16 40	4 29	18 43	4 11	2 44	0 26	4 13	1 14	22 56	0 22	22 15	0 30	9 42	1 7	25 15	2 32	20 54	20 59	17 20	8 5	6 21	W19
T 20	19 45	13 26	4 50	16 56	4 20	18 51	4 8	2 28	0 25	4 8	1 13	22 55	0 22	22 14	0 30	9 43	1 7	25 16	2 32	20 54	20 59	17 19	8 5	6 21	T 20
F 21	19 31	17 2	4 12	17 13	4 9	18 59	4 5	2 12	0 24	4 4	1 13	22 55	0 22	22 14	0 30	9 43	1 7	25 16	2 32	20 54	21 0	17 17	8 6	6 21	F 21
S 22	19 18	19 48	3 17	17 30	3 57	19 6	4 2	1 56	0 23	4 0	1 13	22 55	0 22	22 13	0 30	9 44	1 7	25 16	2 32	20 54	21 1	17 16	8 7	6 21	S 22
S 23	19 4	21 23	2 9	17 47	3 43	19 13	3 58	1 40	0 23	3 55	1 13	22 54	0 22	22 12	0 30	9 44	1 7	25 16	2 32	20 54	21 1	17 15	8 8	6 21	S 23
M24	18 50	21 33	0 50	18 4	3 29	19 21	3 55	1 25	0 22	3 51	1 13	22 54	0 22	22 12	0 30	9 45	1 7	25 16	2 32	20 54	21 2	17 13	8 9	6 21	M24
T 25	18 35	20 9	0s33	18 21	3 13	19 28	3 51	1 9	0 21	3 47	1 13	22 53	0 22	22 11	0 30	9 46	1 7	25 17	2 32	20 54	21 2	17 12	8 9	6 21	T 25
W26	18 20	17 19	1 55	18 38	2 57	19 35	3 47	0 53	0 20	3 42	1 13	22 53	0 22	22 11	0 30	9 46	1 7	25 17	2 32	20 54	21 3	17 11	8 10	6 21	W26
T 27	18 5	13 17	3 8	18 53	2 40	19 41	3 43	0 37	0 19	3 38	1 12	22 52	0 22	22 10	0 30	9 47	1 7	25 17	2 33	20 54	21 4	17 10	8 11	6 21	T 27
F 28	17 50	8 29	4 8	19 8	2 23	19 47	3 39	0 21	0 19	3 33	1 12	22 52	0 22	22 10	0 30	9 47	1 7	25 17	2 33	20 54	21 4	17 8	8 12	6 21	F 28
S 29	17 34	3 17	4 50	19 22	2 6	19 54	3 35	0 5	0 18	3 29	1 12	22 52	0 22	22 9	0 30	9 48	1 7	25 17	2 33	20 54	21 5	17 7	8 13	6 21	S 29
S 30	17 18	1n57	5 12	19 34	1 49	19 59	3 31	0s11	0 17	3 24	1 12	22 51	0 22	22 8	0 30	9 48	1 7	25 18	2 33	20 55	21 5	17 6	8 14	6 21	S 30
M31	17n 2	6n56	5s16	19n45	1s32	20n 5	3s27	0s27	0n16	3n20	1n12	22n51	0s22	22n 8	0n30	9s49	1s 7	25s18	2s33	20n55	21n 6	17n 4	8s14	6n21	M31

Julian Day Number = 2098177.5, Delta T = 21m54s
Ecliptic obliquity = 23°33'48, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'16, Lahiri = 10°22'17 Julian Calendar 1 July 1032 == Greg. Calendar 7 July 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

AUGUST 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 1 15	13♌51'03	14♉19	25♋38	28♊ 5	2♎24	24♍36	9♋50	22♋45	7°R32	14°R30	26°D44	25♋44	19♌23	21°R55	T 1
W 2	21 5 11	14°48'53	27°18	26°27	29° 2	3° 3	24°47	9°57	22°48	7♓30	14♑29	26♋45	25°41	19°30	21♒52	W 2
T 3	21 9 8	15°46'44	9♊56	27°23	29°59	3°42	24°58	10° 4	22°52	7°29	14°28	26°46	25°37	19°36	21°49	T 3
F 4	21 13 5	16°44'37	22°17	28°25	0♌57	4°20	25°10	10°11	22°55	7°27	14°27	26°47	25°34	19°43	21°46	F 4
S 5	21 17 1	17°42'31	4♌25	29°34	1°55	4°59	25°21	10°18	22°59	7°26	14°26	26°49	25°31	19°50	21°43	S 5
S 6	21 20 58	18°40'28	16°23	0♎49	2°54	5°38	25°33	10°24	23° 2	7°24	14°24	26°50	25°28	19°56	21°40	S 6
M 7	21 24 54	19°38'26	28°15	2°10	3°53	6°17	25°44	10°31	23° 6	7°23	14°23	26°R50	25°25	20° 3	21°37	M 7
T 8	21 28 51	20°36'26	10♎ 3	3°36	4°52	6°56	25°56	10°38	23° 9	7°21	14°22	26°50	25°22	20°10	21°34	T 8
W 9	21 32 47	21°34'28	21°51	5° 8	5°52	7°35	26° 8	10°44	23°12	7°20	14°21	26°48	25°18	20°16	21°31	W 9
T 10	21 36 44	22°32'31	3♏40	6°43	6°52	8°15	26°20	10°51	23°16	7°18	14°20	26°45	25°15	20°23	21°28	T 10
F 11	21 40 40	23°30'36	15°32	8°23	7°53	8°54	26°31	10°57	23°19	7°16	14°19	26°40	25°12	20°29	21°25	F 11
S 12	21 44 37	24°28'42	27°29	10° 6	8°53	9°33	26°43	11° 4	23°22	7°15	14°18	26°36	25° 9	20°36	21°22	S 12
S 13	21 48 34	25°26'50	9♐34	11°52	9°55	10°13	26°55	11°10	23°26	7°13	14°17	26°31	25° 6	20°43	21°19	S 13
M14	21 52 30	26°25'00	21°50	13°40	10°56	10°52	27° 7	11°16	23°29	7°12	14°16	26°27	25° 2	20°49	21°17	M14
T 15	21 56 27	27°23'11	4♑18	15°31	11°58	11°32	27°19	11°22	23°32	7°10	14°15	26°23	24°59	20°56	21°14	T 15
W16	22 0 23	28°21'24	17° 2	17°23	13° 0	12°12	27°31	11°29	23°35	7° 8	14°14	26°21	24°56	21° 3	21°11	W16
T 17	22 4 20	29°19'38	0♗ 5	19°17	14° 3	12°52	27°43	11°35	23°39	7° 7	14°13	26°D21	24°53	21° 9	21° 8	T 17
F 18	22 8 16	0♍17'54	13°30	21°11	15° 6	13°31	27°56	11°41	23°42	7° 5	14°12	26°21	24°50	21°16	21° 5	F 18
S 19	22 12 13	1°16'11	27°20	23° 6	16° 9	14°11	28° 8	11°47	23°45	7° 3	14°11	26°23	24°47	21°23	21° 2	S 19
S 20	22 16 9	2°14'30	11♑34	25° 1	17°12	14°51	28°20	11°53	23°48	7° 2	14°11	26°24	24°43	21°29	20°59	S 20
M21	22 20 6	3°12'51	26°12	26°56	18°16	15°32	28°32	11°59	23°51	7° 0	14°10	26°R25	24°40	21°36	20°56	M21
T 22	22 24 3	4°11'13	11♒10	28°51	19°20	16°12	28°45	12° 4	23°54	6°58	14° 9	26°24	24°37	21°43	20°53	T 22
W23	22 27 59	5° 9'37	26°20	0♍46	20°24	16°52	28°57	12°10	23°57	6°57	14° 8	26°21	24°34	21°49	20°51	W23
T 24	22 31 56	6° 8'03	11♓33	2°40	21°29	17°32	29°10	12°16	24° 0	6°55	14° 7	26°17	24°31	21°56	20°48	T 24
F 25	22 35 52	7° 6'31	26°40	4°33	22°33	18°13	29°22	12°21	24° 3	6°53	14° 7	26°11	24°28	22° 3	20°45	F 25
S 26	22 39 49	8° 5'01	11♈30	6°26	23°38	18°53	29°34	12°27	24° 6	6°52	14° 6	26° 5	24°24	22° 9	20°42	S 26
S 27	22 43 45	9° 3'32	25°56	8°18	24°44	19°34	29°47	12°32	24° 9	6°50	14° 5	25°59	24°21	22°16	20°40	S 27
M28	22 47 42	10° 2'07	9♉54	10° 9	25°49	20°14	29°59	12°38	24°11	6°48	14° 5	25°54	24°18	22°23	20°37	M28
T 29	22 51 38	11° 0'43	23°23	11°59	26°55	20°55	0♎12	12°43	24°14	6°47	14° 4	25°51	24°15	22°29	20°34	T 29
W30	22 55 35	11°59'22	6♊24	13°48	28° 1	21°36	0°25	12°48	24°17	6°45	14° 3	25°D49	24°12	22°36	20°31	W30
T 31	22 59 32	12♍58'03	19♊ 1	15♍37	29♋ 7	22♎17	0♎38	12♋53	24♋20	6♓44	14♑ 3	25♋49	24♋ 8	22♌43	20♒29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n45	11n25	5s 2	19n54	1s15	20n10	3s23	0s44	0n15	3n15	1n12	22n50	0s22	22n 7	0n30	9s49	1s 7	25s18	2s33	20n55	21n 6	17n 3	8s15	6n21
W 2	16 28	15 14	4 33	20 1	0 58	20 15	3 19	1 0	0 15	3 11	1 12	22 50	0 21	22 7	0 30	9 50	1 7	25 18	2 33	20 55	21 7	17 2	8 16	6 21
T 3	16 11	18 15	3 51	20 6	0 42	20 19	3 14	1 16	0 14	3 6	1 12	22 49	0 21	22 6	0 30	9 51	1 7	25 18	2 33	20 55	21 8	17 0	8 17	6 21
F 4	15 54	20 21	3 0	20 9	0 26	20 24	3 10	1 32	0 13	3 1	1 12	22 49	0 21	22 6	0 30	9 51	1 7	25 19	2 33	20 54	21 8	16 59	8 18	6 22
S 5	15 36	21 29	2 1	20 10	0 11	20 27	3 6	1 48	0 12	2 57	1 11	22 49	0 21	22 5	0 30	9 52	1 7	25 19	2 33	20 54	21 9	16 57	8 19	6 22
S 6	15 18	21 36	0 57	20 8	0n 3	20 31	3 1	2 4	0 12	2 52	1 11	22 48	0 21	22 5	0 30	9 52	1 7	25 19	2 33	20 54	21 9	16 56	8 20	6 21
M 7	15 0	20 45	0n 8	20 3	0 16	20 34	2 57	2 21	0 11	2 47	1 11	22 48	0 21	22 4	0 30	9 53	1 7	25 19	2 33	20 54	21 10	16 55	8 21	6 21
T 8	14 42	18 59	1 12	19 55	0 29	20 36	2 52	2 37	0 10	2 43	1 11	22 47	0 21	22 3	0 30	9 54	1 7	25 19	2 33	20 54	21 11	16 53	8 22	6 21
W 9	14 23	16 24	2 13	19 45	0 41	20 39	2 47	2 53	0 9	2 38	1 11	22 47	0 21	22 3	0 30	9 54	1 7	25 19	2 33	20 54	21 11	16 52	8 23	6 21
T 10	14 4	13 9	3 9	19 31	0 52	20 40	2 43	3 9	0 9	2 33	1 11	22 46	0 21	22 2	0 30	9 55	1 7	25 20	2 33	20 55	21 12	16 51	8 24	6 21
F 11	13 45	9 21	3 56	19 15	1 1	20 42	2 38	3 26	0 8	2 28	1 11	22 46	0 21	22 2	0 30	9 55	1 7	25 20	2 33	20 56	21 12	16 49	8 25	6 21
S 12	13 26	5 11	4 34	18 56	1 10	20 43	2 34	3 42	0 7	2 23	1 11	22 45	0 21	22 1	0 30	9 56	1 7	25 20	2 33	20 57	21 13	16 48	8 26	6 21
S 13	13 6	0 46	4 59	18 34	1 18	20 43	2 29	3 58	0 6	2 19	1 11	22 45	0 21	22 1	0 30	9 57	1 7	25 20	2 33	20 58	21 14	16 46	8 27	6 21
M14	12 47	3s44	5 12	18 10	1 25	20 43	2 24	4 14	0 5	2 14	1 11	22 44	0 21	22 0	0 30	9 57	1 7	25 20	2 33	20 58	21 14	16 45	8 28	6 21
T 15	12 27	8 9	5 10	17 43	1 31	20 42	2 19	4 31	0 5	2 9	1 10	22 44	0 21	22 0	0 30	9 58	1 7	25 20	2 33	20 59	21 15	16 44	8 29	6 21
W16	12 6	12 20	4 53	17 14	1 36	20 41	2 15	4 47	0 4	2 4	1 10	22 43	0 21	21 59	0 30	9 59	1 7	25 20	2 33	20 59	21 15	16 42	8 30	6 21
T 17	11 46	16 2	4 20	16 42	1 40	20 40	2 10	5 3	0 3	1 59	1 10	22 43	0 20	21 59	0 30	9 59	1 7	25 21	2 33	21 0	21 16	16 41	8 31	6 21
F 18	11 25	19 1	3 33	16 9	1 43	20 38	2 5	5 20	0 2	1 54	1 10	22 42	0 20	21 58	0 30	10 0	1 7	25 21	2 34	20 59	21 16	16 39	8 32	6 21
S 19	11 5	21 0	2 32	15 33	1 46	20 35	2 0	5 36	0 2	1 49	1 10	22 42	0 20	21 58	0 30	10 0	1 7	25 21	2 34	20 59	21 17	16 38	8 33	6 21
S 20	10 44	21 44	1 20	14 56	1 47	20 32	1 56	5 52	0 1	1 44	1 10	22 42	0 20	21 57	0 30	10 1	1 7	25 21	2 34	20 59	21 18	16 37	8 34	6 21
M21	10 23	21 0	0 1	14 17	1 48	20 29	1 51	6 8	0 0	1 39	1 10	22 41	0 20	21 57	0 30	10 2	1 7	25 21	2 34	20 59	21 18	16 35	8 35	6 21
T 22	10 1	18 47	1s20	13 37	1 48	20 25	1 46	6 25	0s 0	1 34	1 10	22 41	0 20	21 56	0 30	10 2	1 7	25 21	2 34	20 59	21 19	16 34	8 36	6 20
W23	9 40	15 14	2 36	12 56	1 48	20 20	1 41	6 41	0 1	1 29	1 10	22 40	0 20	21 55	0 30	10 3	1 7	25 21	2 34	20 59	21 19	16 32	8 37	6 20
T 24	9 18	10 40	3 41	12 14	1 46	20 15	1 36	6 57	0 2	1 24	1 10	22 40	0 20	21 55	0 30	10 4	1 7	25 21	2 34	21 0	21 20	16 31	8 38	6 20
F 25	8 57	5 27	4 30	11 31	1 45	20 9	1 32	7 13	0 3	1 19	1 10	22 39	0 20	21 55	0 30	10 4	1 7	25 22	2 34	21 1	21 20	16 29	8 39	6 20
S 26	8 35	0 2	5 0	10 47	1 42	20 3	1 27	7 29	0 3	1 14	1 10	22 39	0 20	21 54	0 30	10 5	1 7	25 22	2 34	21 3	21 21	16 28	8 40	6 20
S 27	8 13	5n16	5 10	10 2	1 39	19 57	1 22	7 45	0 4	1 9	1 10	22 38	0 20	21 54	0 30	10 5	1 7	25 22	2 34	21 4	21 21	16 26	8 41	6 20
M28	7 51	10 6	5 1	9 17	1 36	19 49	1 17	8 1	0 5	1 4	1 9	22 38	0 20	21 53	0 30	10 6	1 7	25 22	2 34	21 5	21 22	16 25	8 42	6 20
T 29	7 28	14 17	4 35	8 31	1 32	19 42	1 13	8 17	0 5	0 59	1 9	22 37	0 20	21 53	0 30	10 7	1 7	25 22	2 34	21 5	21 23	16 24	8 43	6 19
W30	7 6	17 37	3 56	7 46	1 28	19 33	1 8	8 33	0 6	0 54	1 9	22 37	0 20	21 52	0 30	10 7	1 7	25 22	2 34	21 6	21 23	16 22	8 44	6 19
T 31	6n43	20n 1	3s 6	6n59	1n24	19n24	1s 3	8s49	0s 7	0n49	1n 9	22n37	0s20	21n52	0n30	10s 8	1s 7	25s22	2s34	21n 6	21n24	16n21	8s45	6n19

Julian Day Number = 2098208.5, Delta T = 21m54s
Ecliptic obliquity = 23°33'49, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'21, Lahiri = 10°22'21 Julian Calendar 1 Aug. 1032 == Greg. Calendar 7 Aug. 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

SEPTEMBER 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 3 28	13♍56'46	1♋19	17♍24	0♌14	22♎57	0♎50	12♋59	24♋23	6°R42	14°R 2	25♋50	24♋ 5	22♌49	20°R26	F 1
S 2	23 7 25	14°55'32	13°22	19°10	1°20	23°38	1° 3	13° 4	24°25	6♓40	14♂ 2	25°51	24° 2	22°56	20♒24	S 2
S 3	23 11 21	15°54'20	25°15	20°56	2°27	24°19	1°16	13° 8	24°28	6°39	14° 1	25°R52	23°59	23° 3	20°21	S 3
M 4	23 15 18	16°53'10	7♌ 3	22°40	3°34	25° 1	1°29	13°13	24°30	6°37	14° 1	25°51	23°56	23° 9	20°18	M 4
T 5	23 19 14	17°52'02	18°50	24°24	4°41	25°42	1°41	13°18	24°33	6°35	14° 0	25°48	23°53	23°16	20°16	T 5
W 6	23 23 11	18°50'57	0♍39	26° 6	5°49	26°23	1°54	13°23	24°35	6°34	14° 0	25°43	23°49	23°23	20°13	W 6
T 7	23 27 7	19°49'53	12°32	27°48	6°56	27° 4	2° 7	13°27	24°38	6°32	13°59	25°36	23°46	23°29	20°11	T 7
F 8	23 31 4	20°48'52	24°32	29°29	8° 4	27°46	2°20	13°32	24°40	6°31	13°59	25°26	23°43	23°36	20° 9	F 8
S 9	23 35 0	21°47'52	6♎40	1♎ 8	9°12	28°27	2°33	13°36	24°43	6°29	13°59	25°15	23°40	23°43	20° 6	S 9
S 10	23 38 57	22°46'55	18°56	2°47	10°21	29° 9	2°46	13°41	24°45	6°27	13°58	25° 5	23°37	23°49	20° 4	S 10
M11	23 42 54	23°46'00	1♏23	4°25	11°29	29°51	2°59	13°45	24°47	6°26	13°58	24°54	23°34	23°56	20° 2	M11
T 12	23 46 50	24°45'06	14° 0	6° 2	12°37	0♏32	3°12	13°49	24°50	6°24	13°58	24°46	23°30	24° 3	19°59	T 12
W13	23 50 47	25°44'15	26°51	7°39	13°46	1°14	3°25	13°53	24°52	6°23	13°57	24°40	23°27	24° 9	19°57	W13
T 14	23 54 43	26°43'25	9♐56	9°14	14°55	1°56	3°38	13°57	24°54	6°21	13°57	24°36	23°24	24°16	19°55	T 14
F 15	23 58 40	27°42'38	23°17	10°49	16° 4	2°38	3°51	14° 1	24°56	6°20	13°57	24°D35	23°21	24°23	19°53	F 15
S 16	0 2 36	28°41'52	6♑57	12°23	17°13	3°20	4° 4	14° 5	24°58	6°18	13°57	24°35	23°18	24°29	19°51	S 16
S 17	0 6 33	29°41'08	20°58	13°56	18°23	4° 2	4°17	14° 9	25° 0	6°17	13°57	24°R36	23°14	24°36	19°49	S 17
M18	0 10 29	0♒40'25	5♒18	15°28	19°32	4°44	4°30	14°12	25° 2	6°15	13°57	24°35	23°11	24°43	19°47	M18
T 19	0 14 26	1°39'45	19°58	17° 0	20°42	5°26	4°43	14°16	25° 4	6°14	13°57	24°33	23° 8	24°49	19°45	T 19
W20	0 18 23	2°39'06	4♓51	18°31	21°52	6° 9	4°56	14°19	25° 6	6°12	13°57	24°28	23° 5	24°56	19°43	W20
T 21	0 22 19	3°38'29	19°51	20° 1	23° 2	6°51	5° 9	14°22	25° 8	6°11	13°D57	24°20	23° 2	25° 3	19°41	T 21
F 22	0 26 16	4°37'54	4♈50	21°30	24°12	7°34	5°22	14°26	25°10	6° 9	13°57	24°11	22°59	25° 9	19°39	F 22
S 23	0 30 12	5°37'21	19°37	22°59	25°22	8°16	5°35	14°29	25°12	6° 8	13°57	24° 0	22°55	25°16	19°37	S 23
S 24	0 34 9	6°36'50	4♉ 5	24°27	26°32	8°59	5°48	14°32	25°13	6° 7	13°57	23°49	22°52	25°23	19°36	S 24
M25	0 38 5	7°36'22	18° 7	25°54	27°43	9°41	6° 1	14°35	25°15	6° 5	13°57	23°40	22°49	25°29	19°34	M25
T 26	0 42 2	8°35'56	1♊41	27°20	28°53	10°24	6°14	14°38	25°17	6° 4	13°57	23°32	22°46	25°36	19°32	T 26
W27	0 45 58	9°35'32	14°46	28°45	0♍ 4	11° 7	6°27	14°40	25°18	6° 3	13°57	23°28	22°43	25°43	19°31	W27
T 28	0 49 55	10°35'11	27°27	0♏10	1°15	11°49	6°40	14°43	25°20	6° 1	13°57	23°25	22°39	25°49	19°29	T 28
F 29	0 53 52	11°34'52	9♋46	1°34	2°26	12°32	6°53	14°46	25°21	6° 0	13°58	23°D25	22°36	25°56	19°28	F 29
S 30	0 57 48	12♎34'35	21♋49	2♏57	3♍37	13♏15	7♎ 6	14♋48	25♋23	5♓59	13♂58	23°R25	22♋33	26♌ 3	19♒26	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n21	21n25	2s 9	6n13	1n19	19n15	0s59	9s 5	0s 8	0n43	1n 9	22n36	0s20	21n51	0n30	10s 9	1s 7	25s22	2s34	21n 5	21n24	16n19	8s46	6n19
S 2	5 58	21 47	1 7	5 26	1 14	19 5	0 54	9 21	0 8	0 38	1 9	22 36	0 19	21 51	0 30	10 9	1 7	25 22	2 34	21 5	21 25	16 18	8 47	6 19
S 3	5 35	21 9	0 3	4 40	1 9	18 55	0 50	9 37	0 9	0 33	1 9	22 35	0 19	21 50	0 31	10 10	1 7	25 22	2 34	21 5	21 25	16 16	8 48	6 18
M 4	5 12	19 34	1n 0	3 53	1 3	18 44	0 45	9 53	0 10	0 28	1 9	22 35	0 19	21 50	0 31	10 10	1 7	25 22	2 34	21 5	21 26	16 15	8 48	6 18
T 5	4 49	17 10	2 0	3 7	0 57	18 32	0 41	10 9	0 10	0 23	1 9	22 35	0 19	21 49	0 31	10 11	1 7	25 22	2 34	21 6	21 27	16 13	8 49	6 18
W 6	4 26	14 2	2 56	2 20	0 51	18 20	0 36	10 24	0 11	0 18	1 9	22 34	0 19	21 49	0 31	10 12	1 7	25 23	2 34	21 7	21 27	16 12	8 50	6 18
T 7	4 3	10 20	3 44	1 34	0 45	18 7	0 32	10 40	0 12	0 12	1 9	22 34	0 19	21 49	0 31	10 12	1 7	25 23	2 34	21 8	21 28	16 10	8 51	6 18
F 8	3 40	6 11	4 22	0 48	0 39	17 54	0 27	10 56	0 12	0 7	1 9	22 33	0 19	21 48	0 31	10 13	1 7	25 23	2 34	21 10	21 28	16 9	8 52	6 17
S 9	3 16	1 46	4 49	0 2	0 32	17 41	0 23	11 11	0 13	0 2	1 9	22 33	0 19	21 48	0 31	10 13	1 7	25 23	2 34	21 12	21 29	16 7	8 53	6 17
S 10	2 53	2s47	5 3	0s43	0 26	17 26	0 19	11 27	0 14	0s 3	1 9	22 33	0 19	21 47	0 31	10 14	1 7	25 23	2 34	21 14	21 29	16 6	8 54	6 17
M11	2 29	7 17	5 2	1 29	0 19	17 12	0 14	11 42	0 14	0 8	1 9	22 32	0 19	21 47	0 31	10 15	1 7	25 23	2 34	21 16	21 30	16 4	8 55	6 17
T 12	2 6	11 33	4 48	2 14	0 12	16 57	0 10	11 57	0 15	0 14	1 9	22 32	0 19	21 47	0 31	10 15	1 7	25 23	2 34	21 17	21 30	16 3	8 56	6 16
W13	1 42	15 22	4 18	2 58	0 5	16 41	0 6	12 13	0 16	0 19	1 9	22 31	0 19	21 46	0 31	10 16	1 7	25 23	2 34	21 18	21 31	16 1	8 57	6 16
T 14	1 19	18 31	3 35	3 42	0s 2	16 25	0 2	12 28	0 16	0 24	1 9	22 31	0 19	21 46	0 31	10 16	1 7	25 23	2 34	21 19	21 31	16 0	8 58	6 16
F 15	0 55	20 45	2 39	4 26	0 9	16 8	0n 2	12 43	0 17	0 29	1 9	22 31	0 19	21 46	0 31	10 17	1 7	25 23	2 34	21 19	21 32	15 58	8 59	6 16
S 16	0 31	21 50	1 33	5 10	0 16	15 51	0 6	12 58	0 18	0 34	1 9	22 30	0 19	21 45	0 31	10 17	1 7	25 23	2 34	21 19	21 33	15 57	9 0	6 15
S 17	0 8	21 36	0 19	5 53	0 23	15 33	0 10	13 13	0 18	0 40	1 9	22 30	0 19	21 45	0 31	10 18	1 7	25 23	2 34	21 19	21 33	15 55	9 1	6 15
M18	0s16	19 58	0s57	6 35	0 30	15 15	0 14	13 28	0 19	0 45	1 9	22 30	0 18	21 45	0 31	10 18	1 7	25 23	2 34	21 19	21 34	15 53	9 2	6 15
T 19	0 40	16 58	2 11	7 17	0 37	14 57	0 18	13 43	0 20	0 50	1 9	22 29	0 18	21 44	0 31	10 19	1 7	25 23	2 34	21 19	21 34	15 52	9 3	6 14
W20	1 4	12 50	3 17	7 58	0 44	14 38	0 21	13 58	0 20	0 55	1 9	22 29	0 18	21 44	0 31	10 20	1 7	25 23	2 34	21 20	21 35	15 50	9 3	6 14
T 21	1 27	7 52	4 10	8 39	0 51	14 18	0 25	14 12	0 21	1 0	1 9	22 29	0 18	21 44	0 31	10 20	1 7	25 23	2 34	21 22	21 35	15 49	9 4	6 14
F 22	1 51	2 26	4 45	9 20	0 58	13 59	0 29	14 27	0 22	1 6	1 9	22 29	0 18	21 43	0 31	10 21	1 7	25 23	2 34	21 23	21 36	15 47	9 5	6 14
S 23	2 15	3n 4	5 1	9 59	1 5	13 38	0 32	14 41	0 22	1 11	1 9	22 28	0 18	21 43	0 31	10 21	1 7	25 23	2 34	21 25	21 36	15 46	9 6	6 13
S 24	2 38	8 17	4 57	10 38	1 12	13 18	0 36	14 56	0 23	1 16	1 9	22 28	0 18	21 43	0 31	10 22	1 7	25 23	2 34	21 27	21 37	15 44	9 7	6 13
M25	3 2	12 54	4 35	11 17	1 19	12 56	0 39	15 10	0 24	1 21	1 9	22 28	0 18	21 42	0 31	10 22	1 7	25 23	2 34	21 29	21 37	15 42	9 8	6 13
T 26	3 26	16 43	3 58	11 54	1 26	12 35	0 42	15 24	0 24	1 26	1 9	22 28	0 18	21 42	0 31	10 23	1 7	25 23	2 34	21 30	21 38	15 41	9 8	6 12
W27	3 49	19 33	3 10	12 31	1 32	12 13	0 46	15 38	0 25	1 31	1 9	22 27	0 18	21 42	0 31	10 23	1 7	25 23	2 34	21 31	21 38	15 39	9 9	6 12
T 28	4 13	21 19	2 13	13 8	1 39	11 51	0 49	15 52	0 25	1 37	1 9	22 27	0 18	21 42	0 31	10 24	1 7	25 23	2 34	21 31	21 39	15 38	9 10	6 12
F 29	4 36	22 1	1 12	13 43	1 45	11 28	0 52	16 6	0 26	1 42	1 9	22 27	0 18	21 41	0 31	10 24	1 7	25 23	2 34	21 31	21 39	15 36	9 11	6 11
S 30	5s 0	21n39	0s 8	14s18	1s51	11n 5	0n55	16s19	0s27	1s47	1n 9	22n27	0s18	21n41	0n31	10s24	1s 7	25s23	2s34	21n31	21n40	15n35	9s11	6n11

Julian Day Number = 2098239.5, Delta T = 21m53s
Ecliptic obliquity = 23°33'49, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'25, Lahiri = 10°22'25 Julian Calendar 1 Sept. 1032 == Greg. Calendar 7 Sept. 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

OCTOBER 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 1 45	13♎34'21	3♌42	4♏19	4♍48	13♏58	7♎19	14♋50	25♋24	5°R57	13♑58	23°R24	22♋30	26♌ 9	19°R25	S 1
M 2	1 5 41	14°34'08	15°29	5°40	6° 0	14°42	7°32	14°53	25°26	5♓56	13°58	23♋23	22°27	26°16	19♒24	M 2
T 3	1 9 38	15°33'58	27°17	7° 0	7°11	15°25	7°45	14°55	25°27	5°55	13°59	23°18	22°24	26°23	19°22	T 3
W 4	1 13 34	16°33'51	9♍ 9	8°18	8°23	16° 8	7°58	14°57	25°28	5°54	13°59	23°11	22°20	26°29	19°21	W 4
T 5	1 17 31	17°33'45	21° 9	9°36	9°35	16°51	8°11	14°59	25°29	5°53	14° 0	23° 1	22°17	26°36	19°20	T 5
F 6	1 21 27	18°33'41	3♎18	10°52	10°47	17°35	8°24	15° 0	25°30	5°52	14° 0	22°49	22°14	26°43	19°19	F 6
S 7	1 25 24	19°33'40	15°39	12° 7	11°58	18°18	8°37	15° 2	25°31	5°51	14° 0	22°35	22°11	26°49	19°18	S 7
S 8	1 29 20	20°33'40	28°11	13°20	13°11	19° 2	8°50	15° 4	25°32	5°49	14° 1	22°21	22° 8	26°56	19°17	S 8
M 9	1 33 17	21°33'42	10♏56	14°32	14°23	19°45	9° 3	15° 5	25°33	5°48	14° 1	22° 8	22° 5	27° 3	19°16	M 9
T 10	1 37 14	22°33'47	23°51	15°41	15°35	20°29	9°16	15° 6	25°34	5°47	14° 2	21°56	22° 1	27° 9	19°15	T 10
W11	1 41 10	23°33'53	6♐58	16°49	16°47	21°13	9°29	15° 8	25°35	5°46	14° 3	21°48	21°58	27°16	19°14	W11
T 12	1 45 7	24°34'00	20°15	17°54	18° 0	21°56	9°42	15° 9	25°36	5°45	14° 3	21°42	21°55	27°23	19°13	T 12
F 13	1 49 3	25°34'10	3♑44	18°57	19°12	22°40	9°54	15°10	25°37	5°45	14° 4	21°40	21°52	27°29	19°13	F 13
S 14	1 53 0	26°34'21	17°24	19°57	20°25	23°24	10° 7	15°11	25°37	5°44	14° 4	21°39	21°49	27°36	19°12	S 14
S 15	1 56 56	27°34'33	1♒18	20°53	21°37	24° 8	10°20	15°11	25°38	5°43	14° 5	21°39	21°45	27°43	19°11	S 15
M16	2 0 53	28°34'47	15°25	21°46	22°50	24°52	10°33	15°12	25°39	5°42	14° 6	21°38	21°42	27°49	19°11	M16
T 17	2 4 50	29°35'03	29°44	22°35	24° 3	25°36	10°45	15°13	25°39	5°41	14° 7	21°36	21°39	27°56	19°10	T 17
W18	2 8 46	0♏35'20	14♓14	23°20	25°16	26°20	10°58	15°13	25°40	5°40	14° 7	21°30	21°36	28° 3	19°10	W18
T 19	2 12 43	1°35'38	28°50	23°59	26°29	27° 4	11°11	15°13	25°40	5°39	14° 8	21°22	21°33	28° 9	19°10	T 19
F 20	2 16 39	2°35'58	13♈25	24°33	27°42	27°49	11°23	15°14	25°40	5°39	14° 9	21°12	21°30	28°16	19° 9	F 20
S 21	2 20 36	3°36'20	27°54	25° 0	28°55	28°33	11°36	15°R14	25°41	5°38	14°10	21° 0	21°26	28°23	19° 9	S 21
S 22	2 24 32	4°36'43	12♉ 8	25°21	0♎ 8	29°17	11°49	15°14	25°41	5°37	14°11	20°48	21°23	28°29	19° 9	S 22
M23	2 28 29	5°37'09	26° 2	25°34	1°21	0♐ 2	12° 1	15°14	25°41	5°37	14°12	20°38	21°20	28°36	19° 9	M23
T 24	2 32 25	6°37'36	9♊32	25°R38	2°35	0°46	12°13	15°13	25°41	5°36	14°13	20°29	21°17	28°43	19°D 9	T 24
W25	2 36 22	7°38'04	22°38	25°34	3°48	1°31	12°26	15°13	25°41	5°36	14°14	20°23	21°14	28°49	19° 9	W25
T 26	2 40 18	8°38'35	5♋20	25°20	5° 2	2°16	12°38	15°13	25°R41	5°35	14°15	20°20	21°11	28°56	19° 9	T 26
F 27	2 44 15	9°39'08	17°41	24°55	6°15	3° 0	12°51	15°12	25°41	5°34	14°16	20°D19	21° 7	29° 3	19° 9	F 27
S 28	2 48 12	10°39'42	29°47	24°21	7°29	3°45	13° 3	15°11	25°41	5°34	14°17	20°19	21° 4	29° 9	19° 9	S 28
S 29	2 52 8	11°40'18	11♌41	23°36	8°43	4°30	13°15	15°11	25°41	5°34	14°18	20°R20	21° 1	29°16	19°10	S 29
M30	2 56 5	12°40'56	23°30	22°41	9°56	5°15	13°27	15°10	25°41	5°33	14°19	20°19	20°58	29°23	19°10	M30
T 31	3 0 1	13♏41'35	5♍20	21♏36	11♎10	6♐ 0	13♎40	15♋ 9	25♋41	5♓33	14♑20	20♋17	20♋55	29♌29	19♒10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s23	20n18	0n54	14s52	1s57	10n42	0n58	16s33	0s27	1s52	1n 9	22n26	0s18	21n41	0n31	10s25	1s 7	25s23	2s34	21n31	21n40	15n33	9s12	6n11
M 2	5 46	18 5	1 54	15 24	2 3	10 18	1 1	16 46	0 28	1 57	1 9	22 26	0 18	21 41	0 31	10 25	1 7	25 23	2 34	21 32	21 41	15 31	9 13	6 10
T 3	6 10	15 7	2 49	15 56	2 9	9 54	1 4	17 0	0 28	2 2	1 9	22 26	0 17	21 41	0 31	10 26	1 7	25 23	2 34	21 32	21 42	15 30	9 14	6 10
W 4	6 33	11 31	3 37	16 27	2 14	9 30	1 6	17 13	0 29	2 8	1 9	22 26	0 17	21 40	0 32	10 26	1 7	25 23	2 34	21 34	21 42	15 28	9 14	6 10
T 5	6 56	7 26	4 15	16 58	2 19	9 5	1 9	17 26	0 30	2 13	1 9	22 26	0 17	21 40	0 32	10 27	1 7	25 23	2 34	21 35	21 43	15 26	9 15	6 9
F 6	7 19	3 0	4 43	17 26	2 24	8 40	1 11	17 39	0 30	2 18	1 9	22 26	0 17	21 40	0 32	10 27	1 7	25 23	2 34	21 37	21 43	15 25	9 16	6 9
S 7	7 42	1s37	4 58	17 54	2 29	8 15	1 14	17 52	0 31	2 23	1 9	22 26	0 17	21 40	0 32	10 27	1 7	25 23	2 34	21 40	21 44	15 23	9 16	6 9
S 8	8 4	6 14	4 58	18 21	2 33	7 49	1 16	18 4	0 31	2 28	1 9	22 25	0 17	21 40	0 32	10 28	1 7	25 23	2 34	21 42	21 44	15 22	9 17	6 8
M 9	8 27	10 41	4 44	18 46	2 37	7 23	1 19	18 17	0 32	2 33	1 9	22 25	0 17	21 40	0 32	10 28	1 7	25 23	2 34	21 44	21 45	15 20	9 18	6 8
T 10	8 49	14 43	4 15	19 10	2 40	6 57	1 21	18 29	0 33	2 38	1 9	22 25	0 17	21 39	0 32	10 29	1 7	25 23	2 34	21 46	21 45	15 18	9 18	6 7
W11	9 12	18 6	3 33	19 33	2 43	6 31	1 23	18 41	0 33	2 43	1 9	22 25	0 17	21 39	0 32	10 29	1 7	25 23	2 34	21 47	21 46	15 17	9 19	6 7
T 12	9 34	20 35	2 38	19 54	2 46	6 4	1 25	18 53	0 34	2 48	1 9	22 25	0 17	21 39	0 32	10 29	1 7	25 23	2 34	21 48	21 46	15 15	9 19	6 7
F 13	9 56	21 57	1 33	20 14	2 48	5 38	1 27	19 5	0 34	2 53	1 9	22 25	0 17	21 39	0 32	10 30	1 7	25 23	2 34	21 49	21 47	15 13	9 20	6 6
S 14	10 18	22 3	0 22	20 32	2 49	5 11	1 29	19 17	0 35	2 58	1 9	22 25	0 17	21 39	0 32	10 30	1 7	25 23	2 34	21 49	21 47	15 12	9 21	6 6
S 15	10 40	20 48	0s51	20 48	2 50	4 44	1 31	19 29	0 35	3 3	1 9	22 25	0 17	21 39	0 32	10 30	1 7	25 22	2 34	21 49	21 48	15 10	9 21	6 6
M16	11 2	18 14	2 2	21 3	2 51	4 16	1 32	19 40	0 36	3 8	1 9	22 25	0 17	21 39	0 32	10 30	1 7	25 22	2 34	21 49	21 48	15 8	9 22	6 5
T 17	11 23	14 32	3 7	21 15	2 50	3 49	1 34	19 51	0 37	3 13	1 9	22 25	0 17	21 39	0 32	10 31	1 7	25 22	2 34	21 49	21 49	15 7	9 22	6 5
W18	11 44	9 55	4 0	21 25	2 49	3 21	1 36	20 2	0 37	3 18	1 9	22 25	0 16	21 39	0 32	10 31	1 7	25 22	2 35	21 50	21 49	15 5	9 23	6 4
T 19	12 5	4 43	4 38	21 33	2 46	2 53	1 37	20 13	0 38	3 23	1 9	22 25	0 16	21 39	0 32	10 31	1 7	25 22	2 35	21 51	21 50	15 3	9 23	6 4
F 20	12 26	0n45	4 58	21 38	2 43	2 25	1 38	20 24	0 38	3 28	1 9	22 25	0 16	21 39	0 32	10 32	1 7	25 22	2 35	21 53	21 50	15 2	9 24	6 4
S 21	12 47	6 8	4 59	21 41	2 39	1 57	1 40	20 34	0 39	3 33	1 9	22 25	0 16	21 39	0 32	10 32	1 7	25 22	2 35	21 55	21 51	15 0	9 24	6 3
S 22	13 8	11 6	4 41	21 40	2 33	1 29	1 41	20 44	0 39	3 38	1 9	22 25	0 16	21 39	0 32	10 32	1 7	25 22	2 35	21 57	21 51	14 58	9 24	6 3
M23	13 28	15 23	4 6	21 37	2 26	1 1	1 42	20 55	0 40	3 43	1 9	22 25	0 16	21 39	0 32	10 32	1 7	25 22	2 35	21 58	21 52	14 57	9 25	6 3
T 24	13 48	18 44	3 18	21 30	2 18	0 32	1 43	21 5	0 40	3 47	1 10	22 25	0 16	21 39	0 32	10 32	1 7	25 22	2 35	22 0	21 52	14 55	9 25	6 2
W25	14 8	21 0	2 21	21 19	2 8	0 4	1 44	21 14	0 41	3 52	1 10	22 26	0 16	21 39	0 32	10 33	1 7	25 22	2 35	22 0	21 53	14 53	9 26	6 2
T 26	14 27	22 9	1 19	21 5	1 56	0s25	1 45	21 24	0 41	3 57	1 10	22 26	0 16	21 39	0 32	10 33	1 7	25 22	2 35	22 1	21 53	14 52	9 26	6 1
F 27	14 47	22 9	0 14	20 46	1 43	0 53	1 45	21 33	0 42	4 2	1 10	22 26	0 16	21 39	0 32	10 33	1 7	25 22	2 35	22 1	21 54	14 50	9 26	6 1
S 28	15 6	21 7	0n50	20 23	1 29	1 22	1 46	21 42	0 42	4 7	1 10	22 26	0 16	21 39	0 32	10 33	1 7	25 21	2 35	22 1	21 54	14 48	9 27	6 1
S 29	15 25	19 9	1 51	19 56	1 12	1 50	1 46	21 51	0 43	4 11	1 10	22 26	0 16	21 39	0 32	10 33	1 7	25 21	2 35	22 1	21 55	14 46	9 27	6 0
M30	15 43	16 23	2 47	19 25	0 55	2 19	1 47	22 0	0 43	4 16	1 10	22 26	0 16	21 39	0 32	10 33	1 7	25 21	2 35	22 1	21 55	14 45	9 27	6 0
T 31	16s 2	12n57	3n36	18s50	0s36	2s48	1n47	22s 8	0s44	4s21	1n10	22n27	0s16	21n39	0n33	10s34	1s 7	25s21	2s35	22n 1	21n56	14n43	9s27	5n59

Julian Day Number = 2098269.5, Delta T = 21m53s
Ecliptic obliquity = 23°33'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'29, Lahiri = 10°22'29 Julian Calendar 1 Oct. 1032 == Greg. Calendar 7 Oct. 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

NOVEMBER 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 3 58	14♏42'17	17♍14	20°R25	12♎24	6♐44	13♎52	15°R 8	25°R40	5°R32	14♑21	20°R12	20♋51	29♌36	19♒11	W 1
T 2	3 7 54	15°42'59	29°18	19♏ 7	13°38	7°29	14° 4	15♋ 6	25♋40	5♓32	14°22	20♋ 4	20°48	29°43	19°11	T 2
F 3	3 11 51	16°43'44	11♎35	17°46	14°52	8°15	14°16	15° 5	25°39	5°32	14°23	19°54	20°45	29°50	19°12	F 3
S 4	3 15 47	17°44'30	24° 7	16°24	16° 6	9° 0	14°28	15° 3	25°39	5°31	14°25	19°43	20°42	29°56	19°12	S 4
S 5	3 19 44	18°45'17	6♏55	15° 4	17°20	9°45	14°40	15° 2	25°39	5°31	14°26	19°31	20°39	0♍ 3	19°13	S 5
M 6	3 23 41	19°46'06	19°59	13°49	18°34	10°30	14°52	15° 0	25°38	5°31	14°27	19°20	20°36	0°10	19°14	M 6
T 7	3 27 37	20°46'57	3♐17	12°40	19°48	11°15	15° 3	14°58	25°37	5°31	14°28	19°11	20°32	0°16	19°15	T 7
W 8	3 31 34	21°47'48	16°47	11°40	21° 3	12° 1	15°15	14°57	25°37	5°31	14°30	19° 4	20°29	0°23	19°16	W 8
T 9	3 35 30	22°48'41	0♑28	10°51	22°17	12°46	15°27	14°55	25°36	5°31	14°31	19° 0	20°26	0°30	19°16	T 9
F 10	3 39 27	23°49'35	14°17	10°13	23°31	13°32	15°38	14°52	25°35	5°31	14°32	18°D59	20°23	0°36	19°17	F 10
S 11	3 43 23	24°50'29	28°12	9°46	24°46	14°17	15°50	14°50	25°34	5°D31	14°34	18°59	20°20	0°43	19°19	S 11
S 12	3 47 20	25°51'25	12♒12	9°31	26° 0	15° 3	16° 1	14°48	25°33	5°31	14°35	19° 0	20°17	0°50	19°20	S 12
M13	3 51 16	26°52'21	26°17	9°D27	27°14	15°48	16°13	14°46	25°32	5°31	14°36	19°R 0	20°13	0°56	19°21	M13
T 14	3 55 13	27°53'18	10♓26	9°34	28°29	16°34	16°24	14°43	25°31	5°31	14°38	19° 0	20°10	1° 3	19°22	T 14
W15	3 59 10	28°54'15	24°36	9°50	29°43	17°20	16°35	14°40	25°30	5°31	14°39	18°57	20° 7	1°10	19°23	W15
T 16	4 3 6	29°55'13	8♈47	10°15	0♏58	18° 6	16°46	14°38	25°29	5°31	14°41	18°52	20° 4	1°16	19°25	T 16
F 17	4 7 3	0♐56'12	22°54	10°48	2°12	18°51	16°58	14°35	25°28	5°31	14°42	18°45	20° 1	1°23	19°26	F 17
S 18	4 10 59	1°57'12	6♉54	11°28	3°27	19°37	17° 9	14°32	25°27	5°32	14°44	18°37	19°57	1°30	19°27	S 18
S 19	4 14 56	2°58'13	20°42	12°14	4°41	20°23	17°19	14°29	25°26	5°32	14°45	18°29	19°54	1°36	19°29	S 19
M20	4 18 52	3°59'14	4♊15	13° 6	5°56	21° 9	17°30	14°26	25°24	5°32	14°47	18°22	19°51	1°43	19°31	M20
T 21	4 22 49	5° 0'16	17°31	14° 3	7°11	21°55	17°41	14°23	25°23	5°32	14°49	18°16	19°48	1°50	19°32	T 21
W22	4 26 45	6° 1'20	0♋27	15° 4	8°25	22°41	17°52	14°20	25°22	5°33	14°50	18°12	19°45	1°56	19°34	W22
T 23	4 30 42	7° 2'24	13° 4	16° 9	9°40	23°27	18° 2	14°16	25°20	5°33	14°52	18°D10	19°42	2° 3	19°36	T 23
F 24	4 34 39	8° 3'29	25°24	17°18	10°55	24°13	18°13	14°13	25°19	5°34	14°53	18°11	19°38	2°10	19°37	F 24
S 25	4 38 35	9° 4'34	7♌30	18°29	12°10	24°59	18°23	14° 9	25°17	5°34	14°55	18°12	19°35	2°16	19°39	S 25
S 26	4 42 32	10° 5'41	19°26	19°43	13°24	25°46	18°34	14° 6	25°16	5°35	14°57	18°14	19°32	2°23	19°41	S 26
M27	4 46 28	11° 6'48	1♍17	20°58	14°39	26°32	18°44	14° 2	25°14	5°35	14°58	18°15	19°29	2°30	19°43	M27
T 28	4 50 25	12° 7'57	13° 7	22°16	15°54	27°18	18°54	13°58	25°12	5°36	15° 0	18°R16	19°26	2°37	19°45	T 28
W29	4 54 21	13° 9'06	25° 2	23°35	17° 9	28° 4	19° 4	13°54	25°11	5°36	15° 2	18°15	19°22	2°43	19°47	W29
T 30	4 58 18	14♐10'15	7♎ 7	24♏56	18♏24	28♐51	19♎14	13♋51	25♋ 9	5♓37	15♑ 3	18♋12	19♋19	2♍50	19♒49	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s20	8n59	4n15	18s12	0s16	3s16	1n48	22s17	0s44	4s25	1n10	22n27	0s15	21n39	0n33	10s34	1s 7	25s21	2s35	22n 2	21n56	14n41	9s28	5n59
T 2	16 38	4 37	4 44	17 31	0n 5	3 45	1 48	22 25	0 45	4 30	1 10	22 27	0 15	21 39	0 33	10 34	1 7	25 21	2 35	22 3	21 57	14 39	9 28	5 59
F 3	16 55	0 0	5 0	16 49	0 26	4 14	1 48	22 32	0 45	4 34	1 10	22 27	0 15	21 39	0 33	10 34	1 7	25 21	2 35	22 5	21 57	14 38	9 28	5 58
S 4	17 13	4s43	5 3	16 6	0 46	4 42	1 48	22 40	0 46	4 39	1 10	22 27	0 15	21 39	0 33	10 34	1 7	25 21	2 35	22 6	21 58	14 36	9 28	5 58
S 5	17 30	9 20	4 50	15 24	1 5	5 11	1 48	22 47	0 46	4 44	1 10	22 28	0 15	21 40	0 33	10 34	1 7	25 21	2 35	22 8	21 58	14 34	9 28	5 57
M 6	17 46	13 37	4 22	14 45	1 23	5 39	1 48	22 54	0 47	4 48	1 11	22 28	0 15	21 40	0 33	10 34	1 6	25 20	2 35	22 10	21 59	14 33	9 28	5 57
T 7	18 3	17 20	3 39	14 8	1 40	6 7	1 48	23 1	0 47	4 53	1 11	22 28	0 15	21 40	0 33	10 34	1 6	25 20	2 35	22 11	21 59	14 31	9 29	5 57
W 8	18 19	20 12	2 43	13 36	1 54	6 36	1 47	23 8	0 48	4 57	1 11	22 28	0 15	21 40	0 33	10 34	1 6	25 20	2 35	22 12	22 0	14 29	9 29	5 56
T 9	18 34	21 56	1 38	13 9	2 7	7 4	1 47	23 14	0 48	5 1	1 11	22 29	0 15	21 40	0 33	10 34	1 6	25 20	2 35	22 13	22 0	14 27	9 29	5 56
F 10	18 50	22 23	0 25	12 48	2 17	7 32	1 47	23 21	0 48	5 6	1 11	22 29	0 15	21 40	0 33	10 34	1 6	25 20	2 35	22 13	22 0	14 25	9 29	5 56
S 11	19 5	21 26	0s49	12 32	2 25	8 0	1 46	23 27	0 49	5 10	1 11	22 29	0 15	21 41	0 33	10 34	1 6	25 20	2 35	22 13	22 1	14 24	9 29	5 55
S 12	19 19	19 10	2 2	12 21	2 31	8 27	1 45	23 32	0 49	5 15	1 11	22 30	0 15	21 41	0 33	10 34	1 6	25 20	2 35	22 13	22 1	14 22	9 29	5 55
M13	19 34	15 45	3 7	12 16	2 35	8 55	1 45	23 38	0 50	5 19	1 11	22 30	0 14	21 41	0 33	10 34	1 6	25 20	2 35	22 12	22 2	14 20	9 29	5 54
T 14	19 48	11 24	4 1	12 15	2 38	9 22	1 44	23 43	0 50	5 23	1 11	22 30	0 14	21 41	0 33	10 34	1 6	25 19	2 35	22 13	22 2	14 18	9 29	5 54
W15	20 1	6 26	4 40	12 19	2 39	9 49	1 43	23 48	0 51	5 27	1 11	22 31	0 14	21 41	0 33	10 34	1 6	25 19	2 35	22 13	22 3	14 17	9 29	5 54
T 16	20 14	1 8	5 3	12 27	2 39	10 16	1 42	23 52	0 51	5 31	1 12	22 31	0 14	21 42	0 33	10 34	1 6	25 19	2 35	22 14	22 3	14 15	9 29	5 53
F 17	20 27	4n12	5 7	12 39	2 37	10 43	1 41	23 57	0 51	5 36	1 12	22 32	0 14	21 42	0 33	10 34	1 6	25 19	2 35	22 15	22 4	14 13	9 29	5 53
S 18	20 40	9 17	4 52	12 54	2 35	11 9	1 40	24 1	0 52	5 40	1 12	22 32	0 14	21 42	0 33	10 33	1 6	25 19	2 35	22 16	22 4	14 11	9 29	5 53
S 19	20 52	13 50	4 21	13 11	2 31	11 36	1 39	24 5	0 52	5 44	1 12	22 32	0 14	21 42	0 33	10 33	1 6	25 19	2 35	22 17	22 5	14 9	9 29	5 52
M20	21 3	17 35	3 35	13 31	2 27	12 2	1 38	24 9	0 53	5 48	1 12	22 33	0 14	21 43	0 33	10 33	1 6	25 19	2 35	22 18	22 5	14 8	9 28	5 52
T 21	21 15	20 21	2 38	13 53	2 22	12 27	1 37	24 12	0 53	5 52	1 12	22 33	0 14	21 43	0 33	10 33	1 6	25 18	2 35	22 19	22 6	14 6	9 28	5 51
W22	21 25	21 59	1 35	14 16	2 17	12 53	1 35	24 15	0 53	5 56	1 12	22 34	0 14	21 43	0 33	10 33	1 6	25 18	2 35	22 19	22 6	14 4	9 28	5 51
T 23	21 36	22 27	0 28	14 40	2 11	13 18	1 34	24 18	0 54	6 0	1 12	22 34	0 14	21 44	0 33	10 33	1 6	25 18	2 35	22 19	22 7	14 2	9 28	5 51
F 24	21 46	21 49	0n39	15 6	2 4	13 43	1 33	24 20	0 54	6 4	1 13	22 35	0 14	21 44	0 33	10 33	1 6	25 18	2 35	22 19	22 7	14 0	9 28	5 50
S 25	21 56	20 9	1 43	15 32	1 58	14 7	1 31	24 23	0 55	6 8	1 13	22 35	0 13	21 44	0 33	10 32	1 6	25 18	2 35	22 19	22 8	13 58	9 27	5 50
S 26	22 5	17 38	2 42	15 59	1 51	14 31	1 30	24 25	0 55	6 11	1 13	22 36	0 13	21 45	0 33	10 32	1 6	25 18	2 35	22 19	22 8	13 57	9 27	5 50
M27	22 13	14 24	3 33	16 26	1 44	14 55	1 28	24 26	0 55	6 15	1 13	22 36	0 13	21 45	0 33	10 32	1 6	25 18	2 36	22 19	22 8	13 55	9 27	5 49
T 28	22 22	10 36	4 16	16 53	1 36	15 18	1 26	24 28	0 56	6 19	1 13	22 37	0 13	21 45	0 33	10 32	1 6	25 17	2 36	22 19	22 9	13 53	9 27	5 49
W29	22 30	6 22	4 47	17 20	1 29	15 41	1 25	24 29	0 56	6 23	1 13	22 37	0 13	21 46	0 33	10 31	1 6	25 17	2 36	22 19	22 9	13 51	9 26	5 49
T 30	22s37	1n51	5n 6	17s47	1n21	16s 4	1n23	24s30	0s56	6s26	1n13	22n38	0s13	21n46	0n34	10s31	1s 6	25s17	2s36	22n19	22n10	13n49	9s26	5n48

Julian Day Number = 2098300.5, Delta T = 21m52s
Ecliptic obliquity = 23°33'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'33, Lahiri = 10°22'34 Julian Calendar 1 Nov. 1032 == Greg. Calendar 7 Nov. 1032

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ASTRODIENST EPHEMERIS for the year 1032
geocentric

DECEMBER 1032 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 2 15	15♐11'26	19♎26	26♏18	19♏39	29♐37	19♎24	13°R47	25°R 7	5♓38	15♑ 5	18°R 8	19♋16	2♍57	19♒51	F 1
S 2	5 6 11	16°12'37	2♏ 2	27°41	20°54	0♑24	19°34	13♋43	25♋ 5	5°38	15° 7	18♋ 3	19°13	3° 3	19°54	S 2
S 3	5 10 8	17°13'49	14°59	29° 6	22° 9	1°10	19°43	13°38	25° 3	5°39	15° 9	17°58	19°10	3°10	19°56	S 3
M 4	5 14 4	18°15'01	28°16	0♐31	23°24	1°57	19°53	13°34	25° 1	5°40	15°10	17°53	19° 7	3°17	19°58	M 4
T 5	5 18 1	19°16'14	11♐53	1°57	24°39	2°43	20° 2	13°30	25° 0	5°41	15°12	17°49	19° 3	3°23	20° 0	T 5
W 6	5 21 57	20°17'27	25°47	3°23	25°54	3°30	20°12	13°26	24°58	5°42	15°14	17°46	19° 0	3°30	20° 3	W 6
T 7	5 25 54	21°18'40	9♑56	4°50	27° 9	4°16	20°21	13°21	24°56	5°42	15°16	17°44	18°57	3°37	20° 5	T 7
F 8	5 29 50	22°19'53	24°13	6°18	28°24	5° 3	20°30	13°17	24°53	5°43	15°18	17°D44	18°54	3°43	20° 8	F 8
S 9	5 33 47	23°21'07	8♒34	7°47	29°39	5°50	20°39	13°12	24°51	5°44	15°20	17°45	18°51	3°50	20°10	S 9
S 10	5 37 44	24°22'20	22°56	9°15	0♐54	6°37	20°48	13° 8	24°49	5°45	15°21	17°46	18°48	3°57	20°13	S 10
M11	5 41 40	25°23'33	7♓14	10°45	2° 9	7°23	20°57	13° 3	24°47	5°46	15°23	17°48	18°44	4° 3	20°16	M11
T 12	5 45 37	26°24'45	21°26	12°15	3°24	8°10	21° 5	12°59	24°45	5°47	15°25	17°R49	18°41	4°10	20°18	T 12
W13	5 49 33	27°25'58	5♈31	13°45	4°39	8°57	21°14	12°54	24°43	5°48	15°27	17°48	18°38	4°17	20°21	W13
T 14	5 53 30	28°27'10	19°26	15°15	5°54	9°44	21°22	12°49	24°40	5°50	15°29	17°47	18°35	4°23	20°24	T 14
F 15	5 57 26	29°28'21	3♉10	16°46	7° 9	10°31	21°31	12°45	24°38	5°51	15°31	17°45	18°32	4°30	20°27	F 15
S 16	6 1 23	0♑29'32	16°43	18°18	8°24	11°18	21°39	12°40	24°36	5°52	15°33	17°43	18°28	4°37	20°29	S 16
S 17	6 5 19	1°30'43	0♊ 3	19°50	9°39	12° 5	21°47	12°35	24°34	5°53	15°35	17°40	18°25	4°44	20°32	S 17
M18	6 9 16	2°31'54	13°10	21°22	10°54	12°52	21°55	12°30	24°31	5°54	15°36	17°38	18°22	4°50	20°35	M18
T 19	6 13 13	3°33'04	26° 3	22°55	12° 9	13°39	22° 3	12°26	24°29	5°55	15°38	17°37	18°19	4°57	20°38	T 19
W20	6 17 9	4°34'14	8♋42	24°28	13°24	14°26	22°10	12°21	24°26	5°57	15°40	17°36	18°16	5° 4	20°41	W20
T 21	6 21 6	5°35'23	21° 8	26° 1	14°39	15°13	22°18	12°16	24°24	5°58	15°42	17°D36	18°13	5°10	20°44	T 21
F 22	6 25 2	6°36'33	3♌21	27°35	15°54	16° 0	22°25	12°11	24°22	5°59	15°44	17°36	18° 9	5°17	20°47	F 22
S 23	6 28 59	7°37'42	15°24	29°10	17° 9	16°47	22°32	12° 6	24°19	6° 1	15°46	17°37	18° 6	5°24	20°51	S 23
S 24	6 32 55	8°38'50	27°19	0♑45	18°24	17°34	22°39	12° 1	24°17	6° 2	15°48	17°38	18° 3	5°30	20°54	S 24
M25	6 36 52	9°39'59	9♍10	2°20	19°40	18°21	22°46	11°56	24°14	6° 4	15°50	17°39	18° 0	5°37	20°57	M25
T 26	6 40 48	10°41'07	21° 0	3°56	20°55	19° 8	22°53	11°51	24°12	6° 5	15°52	17°40	17°57	5°44	21° 0	T 26
W27	6 44 45	11°42'15	2♎54	5°32	22°10	19°55	23° 0	11°46	24° 9	6° 7	15°54	17°40	17°54	5°50	21° 3	W27
T 28	6 48 42	12°43'22	14°57	7° 9	23°25	20°43	23° 6	11°41	24° 7	6° 8	15°56	17°R40	17°50	5°57	21° 7	T 28
F 29	6 52 38	13°44'29	27°14	8°46	24°40	21°30	23°13	11°36	24° 4	6°10	15°58	17°40	17°47	6° 4	21°10	F 29
S 30	6 56 35	14°45'36	9♏47	10°24	25°55	22°17	23°19	11°31	24° 1	6°11	16° 0	17°40	17°44	6°10	21°13	S 30
S 31	7 0 31	15♑46'42	22♏43	12♑ 3	27♐10	23♑ 4	23♎25	11♋26	23♋59	6♓13	16♑ 2	17♋39	17♋41	6♍17	21♒17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s44	2s50	5n12	18s14	1n14	16s26	1n21	24s30	0s57	6s30	1n14	22n38	0s13	21n46	0n34	10s31	1s 6	25s17	2s36	22n20	22n10	13n47	9s26	5n48
S 2	22 51	7 30	5 3	18 41	1 6	16 48	1 19	24 31	0 57	6 33	1 14	22 39	0 13	21 47	0 34	10 31	1 6	25 17	2 36	22 20	22 11	13 46	9 25	5 48
S 3	22 57	11 58	4 38	19 7	0 58	17 9	1 17	24 31	0 57	6 37	1 14	22 39	0 13	21 47	0 34	10 30	1 6	25 17	2 36	22 21	22 11	13 44	9 25	5 47
M 4	23 2	16 0	3 58	19 33	0 50	17 30	1 15	24 31	0 58	6 40	1 14	22 40	0 13	21 47	0 34	10 30	1 6	25 17	2 36	22 22	22 12	13 42	9 24	5 47
T 5	23 8	19 17	3 4	19 58	0 43	17 51	1 13	24 30	0 58	6 44	1 14	22 40	0 12	21 48	0 34	10 30	1 6	25 16	2 36	22 22	22 12	13 40	9 24	5 47
W 6	23 12	21 32	1 58	20 22	0 35	18 11	1 11	24 29	0 58	6 47	1 14	22 41	0 12	21 48	0 34	10 29	1 6	25 16	2 36	22 23	22 13	13 38	9 24	5 46
T 7	23 17	22 29	0 43	20 46	0 27	18 30	1 9	24 28	0 58	6 51	1 14	22 41	0 12	21 48	0 34	10 29	1 6	25 16	2 36	22 23	22 13	13 36	9 23	5 46
F 8	23 20	21 58	0s36	21 9	0 20	18 49	1 7	24 27	0 59	6 54	1 15	22 42	0 12	21 49	0 34	10 29	1 6	25 16	2 36	22 23	22 13	13 34	9 23	5 46
S 9	23 24	20 1	1 52	21 31	0 13	19 8	1 5	24 25	0 59	6 57	1 15	22 42	0 12	21 49	0 34	10 28	1 6	25 16	2 36	22 23	22 14	13 33	9 22	5 45
S 10	23 27	16 48	3 2	21 52	0 5	19 25	1 2	24 23	0 59	7 0	1 15	22 43	0 12	21 50	0 34	10 28	1 6	25 16	2 36	22 23	22 14	13 31	9 22	5 45
M11	23 29	12 36	4 0	22 12	0s 2	19 43	1 0	24 21	1 0	7 3	1 15	22 43	0 12	21 50	0 34	10 27	1 6	25 15	2 36	22 22	22 15	13 29	9 21	5 45
T 12	23 31	7 44	4 43	22 32	0 9	20 0	0 58	24 18	1 0	7 7	1 15	22 44	0 12	21 51	0 34	10 27	1 5	25 15	2 36	22 22	22 15	13 27	9 21	5 44
W13	23 32	2 31	5 8	22 50	0 16	20 16	0 56	24 16	1 0	7 10	1 15	22 44	0 12	21 51	0 34	10 27	1 5	25 15	2 36	22 22	22 16	13 25	9 20	5 44
T 14	23 33	2n47	5 15	23 8	0 23	20 32	0 53	24 13	1 0	7 13	1 16	22 45	0 12	21 51	0 34	10 26	1 5	25 15	2 36	22 22	22 16	13 23	9 19	5 44
F 15	23 34	7 52	5 4	23 24	0 30	20 47	0 51	24 9	1 1	7 15	1 16	22 46	0 11	21 52	0 34	10 26	1 5	25 15	2 36	22 23	22 16	13 21	9 19	5 44
S 16	23 34	12 30	4 36	23 39	0 36	21 1	0 48	24 6	1 1	7 18	1 16	22 46	0 11	21 52	0 34	10 25	1 5	25 15	2 37	22 23	22 17	13 19	9 18	5 43
S 17	23 33	16 28	3 54	23 53	0 43	21 15	0 46	24 2	1 1	7 21	1 16	22 47	0 11	21 53	0 34	10 25	1 5	25 14	2 37	22 23	22 17	13 17	9 18	5 43
M18	23 32	19 32	2 59	24 6	0 49	21 29	0 44	23 57	1 1	7 24	1 16	22 47	0 11	21 53	0 34	10 24	1 5	25 14	2 37	22 24	22 18	13 15	9 17	5 43
T 19	23 31	21 34	1 56	24 18	0 55	21 41	0 41	23 53	1 2	7 27	1 17	22 48	0 11	21 54	0 34	10 24	1 5	25 14	2 37	22 24	22 18	13 14	9 16	5 43
W20	23 29	22 28	0 49	24 28	1 1	21 53	0 39	23 48	1 2	7 29	1 17	22 48	0 11	21 54	0 34	10 23	1 5	25 14	2 37	22 24	22 19	13 12	9 16	5 42
T 21	23 27	22 13	0n20	24 37	1 7	22 5	0 36	23 43	1 2	7 32	1 17	22 49	0 11	21 54	0 34	10 23	1 5	25 14	2 37	22 24	22 19	13 10	9 15	5 42
F 22	23 24	20 54	1 26	24 45	1 12	22 15	0 34	23 38	1 2	7 35	1 17	22 49	0 11	21 55	0 34	10 22	1 5	25 14	2 37	22 24	22 20	13 8	9 14	5 42
S 23	23 21	18 40	2 28	24 51	1 18	22 26	0 31	23 32	1 2	7 37	1 17	22 50	0 11	21 55	0 34	10 22	1 5	25 14	2 37	22 24	22 20	13 6	9 13	5 41
S 24	23 17	15 38	3 23	24 56	1 23	22 35	0 28	23 26	1 3	7 40	1 18	22 51	0 10	21 56	0 34	10 21	1 5	25 13	2 37	22 24	22 20	13 4	9 13	5 41
M25	23 13	12 1	4 9	25 0	1 27	22 44	0 26	23 20	1 3	7 42	1 18	22 51	0 10	21 56	0 34	10 21	1 5	25 13	2 37	22 24	22 21	13 2	9 12	5 41
T 26	23 8	7 56	4 44	25 2	1 32	22 52	0 23	23 14	1 3	7 44	1 18	22 52	0 10	21 57	0 34	10 20	1 5	25 13	2 37	22 23	22 21	13 0	9 11	5 41
W27	23 3	3 32	5 7	25 3	1 36	22 59	0 21	23 7	1 3	7 47	1 18	22 52	0 10	21 57	0 34	10 20	1 5	25 13	2 37	22 23	22 22	12 58	9 10	5 41
T 28	22 57	1s 3	5 17	25 2	1 40	23 6	0 18	23 0	1 3	7 49	1 18	22 53	0 10	21 58	0 34	10 19	1 5	25 13	2 37	22 23	22 22	12 56	9 10	5 40
F 29	22 51	5 40	5 13	25 0	1 44	23 12	0 16	22 53	1 3	7 51	1 19	22 53	0 10	21 58	0 34	10 18	1 5	25 13	2 37	22 23	22 22	12 54	9 9	5 40
S 30	22 44	10 10	4 54	24 56	1 48	23 17	0 13	22 45	1 4	7 53	1 19	22 54	0 10	21 59	0 34	10 18	1 5	25 12	2 38	22 23	22 23	12 52	9 8	5 40
S 31	22s38	14s21	4n20	24s51	1s51	23s22	0n10	22s38	1s 4	7s55	1n19	22n54	0s10	21n59	0n34	10s17	1s 5	25s12	2s38	22n23	22n23	12n50	9s 7	5n40

Julian Day Number = 2098330.5, Delta T = 21m52s
Ecliptic obliquity = 23°33'49, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'37, Lahiri = 10°22'38 Julian Calendar 1 Dec. 1032 == Greg. Calendar 7 Dec. 1032

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

JANUARY 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 4 28	16♉47'48	6♐ 2	13♉42	28♐25	23♉52	23♎31	11°R21	23°R56	6♓14	16♉ 4	17°R39	17♋38	6♍24	21♒20	M 1
T 2	7 8 24	17°48'53	19°47	15°22	29°40	24°39	23°37	11♋17	23♋54	6°16	16° 6	17°D39	17°34	6°31	21°24	T 2
W 3	7 12 21	18°49'58	3♉55	17° 2	0♉56	25°26	23°42	11°12	23°51	6°18	16° 8	17♋39	17°31	6°37	21°27	W 3
T 4	7 16 18	19°51'02	18°23	18°43	2°11	26°13	23°48	11° 7	23°49	6°19	16°10	17°R39	17°28	6°44	21°31	T 4
F 5	7 20 14	20°52'05	3♒ 6	20°24	3°26	27° 1	23°53	11° 2	23°46	6°21	16°11	17°39	17°25	6°51	21°34	F 5
S 6	7 24 11	21°53'07	17°56	22° 6	4°41	27°48	23°58	10°57	23°43	6°23	16°13	17°39	17°22	6°57	21°38	S 6
S 7	7 28 7	22°54'08	2♓46	23°49	5°56	28°36	24° 3	10°52	23°41	6°25	16°15	17°38	17°19	7° 4	21°41	S 7
M 8	7 32 4	23°55'08	17°29	25°33	7°11	29°23	24° 8	10°48	23°38	6°26	16°17	17°38	17°15	7°11	21°45	M 8
T 9	7 36 0	24°56'06	1♈59	27°17	8°26	0♒10	24°12	10°43	23°35	6°28	16°19	17°37	17°12	7°17	21°49	T 9
W10	7 39 57	25°57'03	16°11	29° 1	9°41	0°58	24°17	10°38	23°33	6°30	16°21	17°37	17° 9	7°24	21°52	W10
T 11	7 43 53	26°57'59	0♉ 5	0♒46	10°56	1°45	24°21	10°33	23°30	6°32	16°23	17°D36	17° 6	7°31	21°56	T 11
F 12	7 47 50	27°58'53	13°39	2°32	12°11	2°32	24°25	10°29	23°28	6°34	16°25	17°37	17° 3	7°37	22° 0	F 12
S 13	7 51 47	28°59'46	26°55	4°18	13°27	3°20	24°29	10°24	23°25	6°35	16°27	17°38	17° 0	7°44	22° 3	S 13
S 14	7 55 43	0♒ 0'37	9♊55	6° 5	14°42	4° 7	24°33	10°20	23°22	6°37	16°29	17°39	16°56	7°51	22° 7	S 14
M15	7 59 40	1° 1'27	22°39	7°52	15°57	4°55	24°36	10°15	23°20	6°39	16°31	17°40	16°53	7°58	22°11	M15
T 16	8 3 36	2° 2'16	5♋11	9°40	17°12	5°42	24°40	10°11	23°17	6°41	16°33	17°41	16°50	8° 4	22°15	T 16
W17	8 7 33	3° 3'03	17°32	11°27	18°27	6°29	24°43	10° 7	23°15	6°43	16°35	17°R41	16°47	8°11	22°18	W17
T 18	8 11 29	4° 3'49	29°43	13°15	19°42	7°17	24°46	10° 2	23°12	6°45	16°36	17°41	16°44	8°18	22°22	T 18
F 19	8 15 26	5° 4'33	11♌46	15° 3	20°57	8° 4	24°49	9°58	23°10	6°47	16°38	17°39	16°40	8°24	22°26	F 19
S 20	8 19 22	6° 5'16	23°44	16°51	22°12	8°52	24°52	9°54	23° 7	6°49	16°40	17°37	16°37	8°31	22°30	S 20
S 21	8 23 19	7° 5'58	5♍37	18°38	23°27	9°39	24°54	9°50	23° 4	6°51	16°42	17°34	16°34	8°38	22°34	S 21
M22	8 27 16	8° 6'38	17°27	20°24	24°42	10°27	24°57	9°46	23° 2	6°53	16°44	17°31	16°31	8°44	22°38	M22
T 23	8 31 12	9° 7'17	29°18	22°10	25°57	11°14	24°59	9°42	22°59	6°55	16°46	17°27	16°28	8°51	22°41	T 23
W24	8 35 9	10° 7'55	11♎13	23°54	27°12	12° 1	25° 1	9°38	22°57	6°57	16°48	17°24	16°25	8°58	22°45	W24
T 25	8 39 5	11° 8'32	23°15	25°36	28°27	12°49	25° 2	9°34	22°55	6°59	16°49	17°22	16°21	9° 4	22°49	T 25
F 26	8 43 2	12° 9'07	5♏28	27°17	29°42	13°36	25° 4	9°30	22°52	7° 2	16°51	17°20	16°18	9°11	22°53	F 26
S 27	8 46 58	13° 9'41	17°57	28°55	0♒57	14°24	25° 5	9°26	22°50	7° 4	16°53	17°D20	16°15	9°18	22°57	S 27
S 28	8 50 55	14°10'14	0♐45	0♓29	2°12	15°11	25° 7	9°23	22°47	7° 6	16°55	17°21	16°12	9°25	23° 1	S 28
M29	8 54 51	15°10'45	13°58	2° 0	3°27	15°58	25° 8	9°19	22°45	7° 8	16°57	17°23	16° 9	9°31	23° 5	M29
T 30	8 58 48	16°11'15	27°37	3°27	4°42	16°46	25° 9	9°16	22°43	7°10	16°58	17°24	16° 6	9°38	23° 9	T 30
W31	9 2 45	17♒11'44	11♉44	4♓49	5♒57	17♒33	25♎ 9	9♋12	22♋40	7♓12	17♉ 0	17°R25	16♋ 2	9♍45	23♒13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s30	17s58	3n31	24s44	1s54	23s25	0n 8	22s30	1s 4	7s57	1n19	22n55	0s10	22n 0	0n34	10s17	1s 5	25s12	2s38	22n24	22n24	12n48	9s 6	5n39
T 2	22 22	20 42	2 29	24 36	1 56	23 29	0 5	22 21	1 4	7 59	1 19	22 55	0 10	22 0	0 34	10 16	1 5	25 12	2 38	22 24	22 24	12 46	9 5	5 39
W 3	22 14	22 15	1 16	24 26	1 58	23 31	0 3	22 13	1 4	8 1	1 20	22 56	0 9	22 0	0 34	10 15	1 5	25 12	2 38	22 24	22 25	12 44	9 4	5 39
T 4	22 5	22 22	0s 4	24 14	2 0	23 33	0 0	22 4	1 4	8 3	1 20	22 57	0 9	22 1	0 34	10 15	1 5	25 12	2 38	22 24	22 25	12 42	9 3	5 39
F 5	21 56	20 56	1 25	24 1	2 2	23 34	0s 2	21 55	1 4	8 5	1 20	22 57	0 9	22 1	0 34	10 14	1 5	25 11	2 38	22 24	22 25	12 40	9 2	5 39
S 6	21 46	18 5	2 40	23 46	2 3	23 34	0 5	21 46	1 4	8 6	1 20	22 58	0 9	22 2	0 34	10 13	1 5	25 11	2 38	22 24	22 26	12 38	9 2	5 38
S 7	21 36	14 2	3 45	23 29	2 3	23 33	0 7	21 36	1 5	8 8	1 20	22 58	0 9	22 2	0 34	10 13	1 5	25 11	2 38	22 24	22 26	12 36	9 1	5 38
M 8	21 26	9 11	4 35	23 10	2 4	23 32	0 10	21 26	1 5	8 9	1 21	22 59	0 9	22 3	0 34	10 12	1 5	25 11	2 38	22 24	22 27	12 34	9 0	5 38
T 9	21 15	3 53	5 6	22 50	2 4	23 30	0 12	21 16	1 5	8 11	1 21	22 59	0 9	22 3	0 34	10 11	1 5	25 11	2 38	22 24	22 27	12 32	8 59	5 38
W10	21 4	1n31	5 17	22 28	2 3	23 27	0 15	21 6	1 5	8 12	1 21	23 0	0 9	22 4	0 34	10 11	1 5	25 11	2 39	22 24	22 27	12 30	8 58	5 38
T 11	20 52	6 43	5 10	22 4	2 2	23 24	0 17	20 56	1 5	8 14	1 21	23 0	0 8	22 4	0 34	10 10	1 5	25 11	2 39	22 24	22 28	12 28	8 57	5 38
F 12	20 40	11 29	4 45	21 39	2 0	23 20	0 20	20 45	1 5	8 15	1 22	23 0	0 8	22 5	0 34	10 9	1 5	25 10	2 39	22 24	22 28	12 26	8 56	5 37
S 13	20 28	15 35	4 6	21 12	1 58	23 15	0 22	20 34	1 5	8 16	1 22	23 1	0 8	22 5	0 34	10 8	1 5	25 10	2 39	22 24	22 29	12 24	8 55	5 37
S 14	20 15	18 51	3 14	20 43	1 55	23 9	0 25	20 23	1 5	8 17	1 22	23 1	0 8	22 6	0 34	10 8	1 5	25 10	2 39	22 24	22 29	12 22	8 54	5 37
M15	20 2	21 7	2 14	20 12	1 52	23 3	0 27	20 11	1 5	8 19	1 22	23 2	0 8	22 6	0 34	10 7	1 5	25 10	2 39	22 23	22 29	12 20	8 52	5 37
T 16	19 49	22 19	1 9	19 40	1 48	22 56	0 29	20 0	1 5	8 20	1 22	23 2	0 8	22 6	0 34	10 6	1 5	25 10	2 39	22 23	22 30	12 18	8 51	5 37
W17	19 35	22 24	0 1	19 6	1 44	22 48	0 32	19 48	1 5	8 21	1 23	23 3	0 8	22 7	0 34	10 6	1 5	25 10	2 39	22 23	22 30	12 16	8 50	5 37
T 18	19 20	21 24	1n 6	18 30	1 39	22 40	0 34	19 36	1 5	8 21	1 23	23 3	0 8	22 7	0 34	10 5	1 5	25 10	2 39	22 23	22 31	12 14	8 49	5 37
F 19	19 6	19 25	2 9	17 53	1 33	22 31	0 36	19 23	1 5	8 22	1 23	23 4	0 8	22 8	0 34	10 4	1 5	25 9	2 39	22 23	22 31	12 12	8 48	5 36
S 20	18 51	16 36	3 6	17 15	1 27	22 21	0 38	19 11	1 5	8 23	1 23	23 4	0 7	22 8	0 34	10 3	1 5	25 9	2 40	22 24	22 31	12 10	8 47	5 36
S 21	18 36	13 8	3 54	16 35	1 20	22 11	0 40	18 58	1 5	8 24	1 24	23 5	0 7	22 9	0 34	10 3	1 5	25 9	2 40	22 24	22 32	12 8	8 46	5 36
M22	18 20	9 10	4 33	15 54	1 12	22 0	0 43	18 45	1 5	8 24	1 24	23 5	0 7	22 9	0 34	10 2	1 5	25 9	2 40	22 25	22 32	12 6	8 45	5 36
T 23	18 4	4 51	4 59	15 11	1 3	21 48	0 45	18 32	1 5	8 25	1 24	23 5	0 7	22 9	0 34	10 1	1 5	25 9	2 40	22 25	22 33	12 4	8 44	5 36
W24	17 48	0 20	5 13	14 28	0 54	21 36	0 47	18 19	1 5	8 25	1 24	23 6	0 7	22 10	0 34	10 0	1 5	25 9	2 40	22 26	22 33	12 2	8 42	5 36
T 25	17 31	4s14	5 13	13 44	0 44	21 22	0 49	18 5	1 5	8 26	1 24	23 6	0 7	22 10	0 34	9 59	1 5	25 9	2 40	22 26	22 33	12 0	8 41	5 36
F 26	17 14	8 43	4 59	13 0	0 33	21 9	0 51	17 52	1 5	8 26	1 25	23 7	0 7	22 11	0 34	9 59	1 5	25 9	2 40	22 26	22 34	11 58	8 40	5 36
S 27	16 57	12 56	4 31	12 15	0 22	20 54	0 53	17 38	1 5	8 27	1 25	23 7	0 7	22 11	0 34	9 58	1 5	25 9	2 40	22 26	22 34	11 56	8 39	5 36
S 28	16 40	16 41	3 49	11 30	0 9	20 39	0 55	17 24	1 5	8 27	1 25	23 7	0 7	22 11	0 34	9 57	1 5	25 8	2 40	22 26	22 35	11 54	8 38	5 35
M29	16 22	19 44	2 53	10 46	0n 3	20 24	0 56	17 10	1 5	8 27	1 25	23 8	0 6	22 12	0 34	9 56	1 5	25 8	2 41	22 26	22 35	11 52	8 37	5 35
T 30	16 4	21 46	1 47	10 2	0 17	20 8	0 58	16 55	1 5	8 27	1 26	23 8	0 6	22 12	0 34	9 55	1 5	25 8	2 41	22 25	22 35	11 50	8 35	5 35
W31	15s46	22s32	0n31	9s19	0n31	19s51	1s 0	16s41	1s 5	8s27	1n26	23n 8	0s 6	22n13	0n34	9s55	1s 5	25s 8	2s41	22n25	22n36	11n48	8s34	5n35

Julian Day Number = 2098361.5, Delta T = 21m52s
Ecliptic obliquity = 23°33'49, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'42, Lahiri = 10°22'42 Julian Calendar 1 Jan. 1033 == Greg. Calendar 7 Jan. 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

FEBRUARY 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 6 41	18♒12'11	26♑17	6♓ 5	7♒12	18♒21	25♎10	9°R 9	22°R38	7♓14	17♑ 2	17°R25	15♋59	9♍51	23♒17	T 1
F 2	9 10 38	19°12'37	11♒11	7°15	8°27	19° 8	25°10	9♋ 6	22♋36	7°17	17° 4	17♋23	15°56	9°58	23°21	F 2
S 3	9 14 34	20°13'01	26°19	8°18	9°42	19°55	25°R10	9° 3	22°33	7°19	17° 5	17°20	15°53	10° 5	23°25	S 3
S 4	9 18 31	21°13'23	11♓32	9°14	10°56	20°43	25°10	9° 0	22°31	7°21	17° 7	17°15	15°50	10°11	23°29	S 4
M 5	9 22 27	22°13'43	26°39	10° 1	12°11	21°30	25°10	8°57	22°29	7°23	17° 9	17°10	15°46	10°18	23°33	M 5
T 6	9 26 24	23°14'01	11♈30	10°40	13°26	22°17	25° 9	8°54	22°27	7°25	17°10	17° 5	15°43	10°25	23°37	T 6
W 7	9 30 20	24°14'18	26° 0	11°10	14°41	23° 5	25° 9	8°51	22°25	7°28	17°12	17° 1	15°40	10°32	23°41	W 7
T 8	9 34 17	25°14'32	10♉ 4	11°30	15°56	23°52	25° 8	8°49	22°23	7°30	17°14	16°58	15°37	10°38	23°44	T 8
F 9	9 38 13	26°14'44	23°41	11°41	17°11	24°39	25° 7	8°46	22°21	7°32	17°15	16°D57	15°34	10°45	23°48	F 9
S 10	9 42 10	27°14'54	6♊53	11°R42	18°26	25°27	25° 5	8°44	22°19	7°34	17°17	16°57	15°31	10°52	23°52	S 10
S 11	9 46 7	28°15'01	19°43	11°34	19°41	26°14	25° 4	8°41	22°17	7°37	17°18	16°59	15°27	10°58	23°56	S 11
M12	9 50 3	29°15'07	2♋15	11°17	20°55	27° 1	25° 2	8°39	22°15	7°39	17°20	17° 0	15°24	11° 5	24° 0	M12
T 13	9 54 0	0♓15'10	14°33	10°51	22°10	27°48	25° 1	8°37	22°13	7°41	17°21	17°R 1	15°21	11°12	24° 4	T 13
W14	9 57 56	1°15'12	26°40	10°17	23°25	28°35	24°59	8°35	22°11	7°43	17°23	17° 1	15°18	11°18	24° 8	W14
T 15	10 1 53	2°15'11	8♌40	9°36	24°40	29°23	24°56	8°33	22° 9	7°46	17°24	16°58	15°15	11°25	24°12	T 15
F 16	10 5 49	3°15'08	20°35	8°49	25°55	0♓10	24°54	8°31	22° 7	7°48	17°26	16°53	15°12	11°32	24°16	F 16
S 17	10 9 46	4°15'03	2♍27	7°58	27° 9	0°57	24°52	8°29	22° 6	7°50	17°27	16°46	15° 8	11°39	24°20	S 17
S 18	10 13 42	5°14'56	14°18	7° 2	28°24	1°44	24°49	8°28	22° 4	7°52	17°29	16°38	15° 5	11°45	24°24	S 18
M19	10 17 39	6°14'47	26°10	6° 4	29°39	2°31	24°46	8°26	22° 2	7°55	17°30	16°28	15° 2	11°52	24°28	M19
T 20	10 21 36	7°14'37	8♎ 4	5° 5	0♓53	3°18	24°43	8°25	22° 0	7°57	17°32	16°18	14°59	11°59	24°32	T 20
W21	10 25 32	8°14'24	20° 3	4° 7	2° 8	4° 5	24°40	8°24	21°59	7°59	17°33	16° 9	14°56	12° 5	24°36	W21
T 22	10 29 29	9°14'09	2♏ 8	3°10	3°23	4°52	24°36	8°22	21°57	8° 1	17°34	16° 1	14°52	12°12	24°39	T 22
F 23	10 33 25	10°13'53	14°22	2°16	4°38	5°39	24°33	8°21	21°56	8° 4	17°36	15°55	14°49	12°19	24°43	F 23
S 24	10 37 22	11°13'35	26°49	1°26	5°52	6°26	24°29	8°20	21°54	8° 6	17°37	15°52	14°46	12°25	24°47	S 24
S 25	10 41 18	12°13'15	9♐33	0°40	7° 7	7°13	24°25	8°19	21°53	8° 8	17°38	15°D51	14°43	12°32	24°51	S 25
M26	10 45 15	13°12'54	22°38	29♒59	8°22	8° 0	24°21	8°19	21°52	8°11	17°39	15°51	14°40	12°39	24°55	M26
T 27	10 49 11	14°12'31	6♑ 7	29°24	9°36	8°47	24°17	8°18	21°50	8°13	17°41	15°52	14°37	12°46	24°58	T 27
W28	10 53 8	15♓12'06	20♑ 3	28♒54	10♓51	9♓34	24♎12	8♋17	21♋49	8♓15	17♑42	15°R52	14♋33	12♍52	25♒ 2	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s27	21s48	0s48	8s37	0n45	19s34	1s 2	16s26	1s 5	8s27	1n26	23n 9	0s 6	22n13	0n34	9s54	1s 5	25s 8	2s41	22n25	22n36	11n46	8s33	5n35
F 2	15 8	19 32	2 6	7 58	1 0	19 16	1 3	16 11	1 4	8 27	1 26	23 9	0 6	22 13	0 34	9 53	1 5	25 8	2 41	22 26	22 36	11 43	8 32	5 35
S 3	14 49	15 53	3 17	7 20	1 15	18 57	1 5	15 56	1 4	8 27	1 27	23 9	0 6	22 14	0 34	9 52	1 5	25 8	2 41	22 26	22 37	11 41	8 30	5 35
S 4	14 30	11 10	4 13	6 45	1 31	18 38	1 6	15 41	1 4	8 27	1 27	23 10	0 6	22 14	0 34	9 51	1 5	25 8	2 41	22 27	22 37	11 39	8 29	5 35
M 5	14 10	5 48	4 52	6 13	1 46	18 19	1 8	15 25	1 4	8 26	1 27	23 10	0 6	22 14	0 34	9 51	1 5	25 8	2 41	22 27	22 38	11 37	8 28	5 35
T 6	13 51	0 11	5 10	5 44	2 1	17 59	1 9	15 10	1 4	8 26	1 27	23 10	0 6	22 15	0 34	9 50	1 5	25 8	2 42	22 28	22 38	11 35	8 27	5 35
W 7	13 31	5n19	5 8	5 19	2 16	17 38	1 11	14 54	1 4	8 25	1 27	23 11	0 5	22 15	0 34	9 49	1 5	25 7	2 42	22 28	22 38	11 33	8 25	5 35
T 8	13 10	10 22	4 47	4 58	2 30	17 17	1 12	14 38	1 4	8 25	1 28	23 11	0 5	22 15	0 34	9 48	1 5	25 7	2 42	22 29	22 39	11 31	8 24	5 35
F 9	12 50	14 45	4 10	4 42	2 44	16 56	1 13	14 22	1 4	8 24	1 28	23 11	0 5	22 16	0 34	9 47	1 5	25 7	2 42	22 29	22 39	11 29	8 23	5 35
S 10	12 29	18 16	3 21	4 29	2 57	16 34	1 14	14 6	1 3	8 24	1 28	23 11	0 5	22 16	0 34	9 46	1 5	25 7	2 42	22 29	22 39	11 27	8 22	5 35
S 11	12 9	20 47	2 23	4 22	3 8	16 11	1 16	13 50	1 3	8 23	1 28	23 12	0 5	22 16	0 34	9 46	1 5	25 7	2 42	22 29	22 40	11 25	8 20	5 35
M12	11 48	22 13	1 19	4 19	3 18	15 48	1 17	13 33	1 3	8 22	1 28	23 12	0 5	22 17	0 34	9 45	1 5	25 7	2 42	22 29	22 40	11 22	8 19	5 35
T 13	11 26	22 33	0 13	4 20	3 27	15 25	1 18	13 17	1 3	8 21	1 29	23 12	0 5	22 17	0 34	9 44	1 5	25 7	2 43	22 28	22 41	11 20	8 18	5 35
W14	11 5	21 47	0n52	4 27	3 34	15 1	1 19	13 0	1 3	8 20	1 29	23 12	0 5	22 17	0 34	9 43	1 5	25 7	2 43	22 29	22 41	11 18	8 17	5 35
T 15	10 44	20 2	1 54	4 37	3 40	14 37	1 20	12 44	1 3	8 19	1 29	23 13	0 4	22 18	0 34	9 42	1 5	25 7	2 43	22 29	22 41	11 16	8 15	5 35
F 16	10 22	17 24	2 51	4 52	3 43	14 13	1 21	12 27	1 2	8 18	1 29	23 13	0 4	22 18	0 34	9 41	1 5	25 7	2 43	22 29	22 42	11 14	8 14	5 35
S 17	10 0	14 4	3 40	5 10	3 44	13 48	1 21	12 10	1 2	8 17	1 30	23 13	0 4	22 18	0 34	9 40	1 5	25 7	2 43	22 30	22 42	11 12	8 13	5 35
S 18	9 38	10 11	4 19	5 31	3 43	13 22	1 22	11 53	1 2	8 16	1 30	23 13	0 4	22 18	0 34	9 40	1 5	25 7	2 43	22 31	22 42	11 10	8 11	5 35
M19	9 16	5 55	4 47	5 55	3 40	12 57	1 23	11 36	1 2	8 15	1 30	23 14	0 4	22 19	0 34	9 39	1 5	25 7	2 43	22 33	22 43	11 8	8 10	5 35
T 20	8 54	1 25	5 3	6 21	3 36	12 31	1 23	11 18	1 2	8 14	1 30	23 14	0 4	22 19	0 34	9 38	1 5	25 7	2 44	22 34	22 43	11 5	8 9	5 35
W21	8 31	3s10	5 5	6 48	3 29	12 4	1 24	11 1	1 1	8 12	1 30	23 14	0 4	22 19	0 34	9 37	1 5	25 7	2 44	22 35	22 43	11 3	8 7	5 35
T 22	8 9	7 40	4 54	7 17	3 20	11 38	1 24	10 43	1 1	8 11	1 31	23 14	0 4	22 19	0 34	9 36	1 5	25 7	2 44	22 36	22 44	11 1	8 6	5 35
F 23	7 46	11 56	4 29	7 45	3 10	11 11	1 25	10 26	1 1	8 9	1 31	23 14	0 4	22 20	0 34	9 35	1 5	25 7	2 44	22 37	22 44	10 59	8 5	5 35
S 24	7 24	15 47	3 52	8 14	2 59	10 43	1 25	10 8	1 1	8 8	1 31	23 15	0 3	22 20	0 34	9 35	1 5	25 6	2 44	22 37	22 44	10 57	8 3	5 35
S 25	7 1	19 0	3 2	8 42	2 47	10 16	1 25	9 50	1 0	8 6	1 31	23 15	0 3	22 20	0 34	9 34	1 5	25 6	2 44	22 37	22 45	10 55	8 2	5 35
M26	6 38	21 21	2 1	9 9	2 34	9 48	1 26	9 33	1 0	8 4	1 31	23 15	0 3	22 20	0 34	9 33	1 5	25 6	2 44	22 37	22 45	10 53	8 1	5 35
T 27	6 15	22 33	0 52	9 34	2 20	9 20	1 26	9 15	1 0	8 3	1 31	23 15	0 3	22 20	0 34	9 32	1 5	25 6	2 45	22 37	22 46	10 50	8 0	5 35
W28	5s52	22s26	0s22	9s58	2n 5	8s52	1s26	8s57	1s 0	8s 1	1n32	23n15	0s 3	22n21	0n34	9s31	1s 5	25s 6	2s45	22n37	22n46	10n48	7s58	5n36

Julian Day Number = 2098392.5, Delta T = 21m51s
Ecliptic obliquity = 23°33'50, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'46, Lahiri = 10°22'46 Julian Calendar 1 Feb. 1033 == Greg. Calendar 7 Feb. 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

MARCH 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 57 5	16♓11'39	4♒27	28°R31	12♓ 5	10♓21	24°R 8	8°R17	21°R48	8♓17	17♑43	15°R51	14♋30	12♍59	25♒ 6	T 1
F 2	11 1 1	17°11'10	19°16	28♒14	13°20	11° 7	24♎ 3	8♋17	21♋47	8°20	17°44	15♋47	14°27	13° 6	25°10	F 2
S 3	11 4 58	18°10'39	4♓23	28° 2	14°35	11°54	23°58	8°17	21°46	8°22	17°45	15°41	14°24	13°12	25°13	S 3
S 4	11 8 54	19°10'07	19°42	27°D57	15°49	12°41	23°53	8°D16	21°44	8°24	17°47	15°32	14°21	13°19	25°17	S 4
M 5	11 12 51	20° 9'32	4♈59	27°58	17° 4	13°28	23°48	8°16	21°43	8°26	17°48	15°22	14°17	13°26	25°21	M 5
T 6	11 16 47	21° 8'55	20° 4	28° 4	18°18	14°14	23°43	8°17	21°42	8°29	17°49	15°13	14°14	13°32	25°25	T 6
W 7	11 20 44	22° 8'15	4♉48	28°16	19°33	15° 1	23°37	8°17	21°42	8°31	17°50	15° 4	14°11	13°39	25°28	W 7
T 8	11 24 40	23° 7'34	19° 5	28°33	20°47	15°48	23°31	8°17	21°41	8°33	17°51	14°57	14° 8	13°46	25°32	T 8
F 9	11 28 37	24° 6'50	2♊51	28°55	22° 2	16°34	23°26	8°18	21°40	8°35	17°52	14°53	14° 5	13°53	25°35	F 9
S 10	11 32 34	25° 6'04	16° 8	29°22	23°16	17°21	23°20	8°18	21°39	8°37	17°53	14°51	14° 2	13°59	25°39	S 10
S 11	11 36 30	26° 5'15	29° 0	29°53	24°31	18° 7	23°14	8°19	21°38	8°40	17°54	14°D51	13°58	14° 6	25°42	S 11
M12	11 40 27	27° 4'24	11♋29	0♓28	25°45	18°54	23° 8	8°20	21°38	8°42	17°55	14°R51	13°55	14°13	25°46	M12
T 13	11 44 23	28° 3'31	23°42	1° 8	27° 0	19°40	23° 1	8°21	21°37	8°44	17°56	14°51	13°52	14°19	25°49	T 13
W14	11 48 20	29° 2'35	5♌43	1°51	28°14	20°27	22°55	8°22	21°37	8°46	17°56	14°49	13°49	14°26	25°53	W14
T 15	11 52 16	0♈ 1'37	17°37	2°37	29°29	21°13	22°49	8°23	21°36	8°48	17°57	14°45	13°46	14°33	25°56	T 15
F 16	11 56 13	1° 0'37	29°28	3°27	0♈43	21°59	22°42	8°24	21°36	8°51	17°58	14°38	13°43	14°39	26° 0	F 16
S 17	12 0 9	1°59'35	11♍18	4°21	1°57	22°46	22°35	8°25	21°35	8°53	17°59	14°28	13°39	14°46	26° 3	S 17
S 18	12 4 6	2°58'30	23° 9	5°17	3°12	23°32	22°29	8°27	21°35	8°55	18° 0	14°16	13°36	14°53	26° 6	S 18
M19	12 8 2	3°57'23	5♎ 5	6°16	4°26	24°18	22°22	8°28	21°34	8°57	18° 0	14° 2	13°33	15° 0	26°10	M19
T 20	12 11 59	4°56'14	17° 5	7°18	5°40	25° 4	22°15	8°30	21°34	8°59	18° 1	13°48	13°30	15° 6	26°13	T 20
W21	12 15 56	5°55'04	29°12	8°23	6°54	25°50	22° 8	8°32	21°34	9° 1	18° 2	13°35	13°27	15°13	26°16	W21
T 22	12 19 52	6°53'51	11♏25	9°30	8° 9	26°36	22° 1	8°34	21°34	9° 3	18° 2	13°23	13°23	15°20	26°20	T 22
F 23	12 23 49	7°52'36	23°48	10°39	9°23	27°22	21°54	8°36	21°34	9° 5	18° 3	13°14	13°20	15°26	26°23	F 23
S 24	12 27 45	8°51'20	6♐22	11°51	10°37	28° 8	21°46	8°38	21°D34	9° 7	18° 4	13° 9	13°17	15°33	26°26	S 24
S 25	12 31 42	9°50'02	19° 9	13° 5	11°51	28°54	21°39	8°40	21°34	9° 9	18° 4	13° 6	13°14	15°40	26°29	S 25
M26	12 35 38	10°48'42	2♑13	14°21	13° 6	29°40	21°32	8°42	21°34	9°11	18° 5	13° 5	13°11	15°47	26°32	M26
T 27	12 39 35	11°47'20	15°36	15°40	14°20	0♈26	21°24	8°45	21°34	9°13	18° 5	13° 4	13° 8	15°53	26°35	T 27
W28	12 43 31	12°45'57	29°22	17° 0	15°34	1°12	21°17	8°47	21°34	9°15	18° 6	13° 4	13° 4	16° 0	26°38	W28
T 29	12 47 28	13°44'32	13♒33	18°22	16°48	1°58	21° 9	8°50	21°34	9°17	18° 6	13° 2	13° 1	16° 7	26°41	T 29
F 30	12 51 25	14°43'06	28° 6	19°46	18° 2	2°44	21° 2	8°52	21°35	9°19	18° 7	12°58	12°58	16°13	26°44	F 30
S 31	12 55 21	15♈41'37	12♓59	21♓13	19♈17	3♈29	20♎54	8♋55	21♋35	9♓21	18♑ 7	12♋51	12♋55	16♍20	26♒47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s28	20s50	1s38	10s20	1n50	8s23	1s26	8s39	0s59	7s59	1n32	23n15	0s 3	22n21	0n34	9s30	1s 5	25s 6	2s45	22n37	22n46	10n46	7s57	5n36
F 2	5 5	17 47	2 48	10 40	1 35	7 54	1 26	8 21	0 59	7 57	1 32	23 15	0 3	22 21	0 34	9 29	1 5	25 6	2 45	22 38	22 47	10 44	7 56	5 36
S 3	4 42	13 30	3 49	10 58	1 20	7 25	1 26	8 2	0 59	7 55	1 32	23 16	0 3	22 21	0 34	9 29	1 5	25 6	2 45	22 38	22 47	10 42	7 54	5 36
S 4	4 19	8 17	4 33	11 13	1 6	6 56	1 26	7 44	0 59	7 53	1 32	23 16	0 3	22 21	0 34	9 28	1 5	25 6	2 45	22 39	22 47	10 39	7 53	5 36
M 5	3 55	2 34	4 58	11 27	0 51	6 27	1 25	7 26	0 58	7 51	1 32	23 16	0 3	22 21	0 34	9 27	1 5	25 6	2 45	22 40	22 48	10 37	7 52	5 36
T 6	3 32	3n13	5 2	11 38	0 37	5 57	1 25	7 7	0 58	7 49	1 33	23 16	0 2	22 22	0 34	9 26	1 5	25 6	2 46	22 42	22 48	10 35	7 50	5 36
W 7	3 8	8 42	4 46	11 47	0 23	5 28	1 25	6 49	0 58	7 47	1 33	23 16	0 2	22 22	0 34	9 25	1 5	25 6	2 46	22 42	22 48	10 33	7 49	5 36
T 8	2 45	13 33	4 12	11 54	0 9	4 58	1 24	6 31	0 57	7 45	1 33	23 16	0 2	22 22	0 34	9 25	1 5	25 6	2 46	22 43	22 49	10 31	7 48	5 36
F 9	2 21	17 30	3 24	11 59	0s 4	4 28	1 24	6 12	0 57	7 42	1 33	23 16	0 2	22 22	0 34	9 24	1 5	25 6	2 46	22 44	22 49	10 29	7 46	5 36
S 10	1 57	20 25	2 26	12 1	0 17	3 58	1 23	5 54	0 57	7 40	1 33	23 16	0 2	22 22	0 34	9 23	1 5	25 6	2 46	22 44	22 49	10 26	7 45	5 37
S 11	1 34	22 10	1 23	12 2	0 29	3 27	1 23	5 35	0 56	7 38	1 33	23 16	0 2	22 22	0 34	9 22	1 5	25 7	2 46	22 44	22 50	10 24	7 44	5 37
M12	1 10	22 46	0 18	12 0	0 41	2 57	1 22	5 16	0 56	7 35	1 33	23 16	0 2	22 22	0 34	9 21	1 5	25 7	2 47	22 44	22 50	10 22	7 43	5 37
T 13	0 47	22 14	0n47	11 56	0 52	2 27	1 21	4 58	0 56	7 33	1 33	23 16	0 2	22 22	0 34	9 20	1 5	25 7	2 47	22 44	22 50	10 20	7 41	5 37
W14	0 23	20 41	1 48	11 51	1 2	1 56	1 21	4 39	0 55	7 31	1 33	23 16	0 2	22 22	0 34	9 20	1 5	25 7	2 47	22 44	22 51	10 17	7 40	5 37
T 15	0n 1	18 14	2 44	11 43	1 12	1 26	1 20	4 20	0 55	7 28	1 34	23 16	0 1	22 22	0 34	9 19	1 5	25 7	2 47	22 45	22 51	10 15	7 39	5 37
F 16	0 24	15 2	3 33	11 34	1 22	0 55	1 19	4 2	0 55	7 26	1 34	23 16	0 1	22 22	0 34	9 18	1 5	25 7	2 47	22 45	22 51	10 13	7 37	5 37
S 17	0 48	11 15	4 12	11 22	1 31	0 25	1 18	3 43	0 54	7 23	1 34	23 16	0 1	22 23	0 34	9 17	1 5	25 7	2 47	22 46	22 52	10 11	7 36	5 38
S 18	1 11	7 1	4 40	11 9	1 39	0n 6	1 17	3 24	0 54	7 20	1 34	23 16	0 1	22 23	0 34	9 16	1 5	25 7	2 48	22 48	22 52	10 9	7 35	5 38
M19	1 35	2 30	4 56	10 55	1 47	0 37	1 16	3 6	0 53	7 18	1 34	23 16	0 1	22 23	0 34	9 16	1 5	25 7	2 48	22 49	22 52	10 6	7 34	5 38
T 20	1 58	2s 8	4 59	10 38	1 54	1 7	1 15	2 47	0 53	7 15	1 34	23 16	0 1	22 23	0 34	9 15	1 5	25 7	2 48	22 51	22 53	10 4	7 32	5 38
W21	2 22	6 44	4 49	10 20	2 1	1 38	1 14	2 28	0 53	7 13	1 34	23 16	0 1	22 23	0 33	9 14	1 5	25 7	2 48	22 52	22 53	10 2	7 31	5 38
T 22	2 45	11 8	4 25	10 0	2 7	2 8	1 12	2 9	0 52	7 10	1 34	23 16	0 1	22 23	0 33	9 13	1 5	25 7	2 48	22 53	22 53	10 0	7 30	5 38
F 23	3 8	15 7	3 49	9 39	2 12	2 39	1 11	1 51	0 52	7 7	1 34	23 16	0 1	22 23	0 33	9 13	1 5	25 7	2 48	22 54	22 54	9 57	7 29	5 39
S 24	3 32	18 31	3 1	9 16	2 17	3 9	1 10	1 32	0 52	7 4	1 34	23 16	0 1	22 23	0 33	9 12	1 5	25 7	2 49	22 55	22 54	9 55	7 27	5 39
S 25	3 55	21 5	2 3	8 51	2 22	3 40	1 8	1 13	0 51	7 2	1 34	23 16	0 0	22 23	0 33	9 11	1 5	25 7	2 49	22 55	22 54	9 53	7 26	5 39
M26	4 18	22 36	0 57	8 25	2 25	4 10	1 7	0 54	0 51	6 59	1 34	23 16	0 0	22 23	0 33	9 10	1 5	25 7	2 49	22 55	22 54	9 51	7 25	5 39
T 27	4 41	22 52	0s13	7 58	2 29	4 40	1 5	0 36	0 50	6 56	1 34	23 16	0 0	22 22	0 33	9 10	1 5	25 8	2 49	22 55	22 55	9 48	7 24	5 39
W28	5 4	21 46	1 25	7 29	2 31	5 11	1 4	0 17	0 50	6 53	1 34	23 16	0 0	22 22	0 33	9 9	1 5	25 8	2 49	22 55	22 55	9 46	7 23	5 40
T 29	5 27	19 18	2 33	6 59	2 34	5 41	1 2	0n 2	0 49	6 50	1 34	23 16	0 0	22 22	0 33	9 8	1 5	25 8	2 49	22 55	22 55	9 44	7 21	5 40
F 30	5 50	15 32	3 34	6 27	2 35	6 11	1 1	0 21	0 49	6 48	1 34	23 16	0n 0	22 22	0 33	9 8	1 5	25 8	2 50	22 56	22 56	9 42	7 20	5 40
S 31	6n12	10s44	4s21	5s54	2s36	6n40	0s59	0n39	0s49	6s45	1n34	23n16	0n 0	22n22	0n33	9s 7	1s 5	25s 8	2s50	22n56	22n56	9n39	7s19	5n40

Julian Day Number = 2098420.5, Delta T = 21m51s
Ecliptic obliquity = 23°33'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'50, Lahiri = 10°22'50 Julian Calendar 1 March 1033 == Greg. Calendar 7 March 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

APRIL 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 59 18	16♈40'07	28♓ 5	22♓41	20♈31	4♈15	20°R46	8♋58	21♋35	9♓23	18♑ 7	12°R41	12♋52	16♍27	26♒50	S 1
M 2	13 3 14	17°38'35	13♈14	24°10	21°45	5° 1	20♎39	9° 1	21°36	9°25	18° 8	12♋30	12°49	16°33	26°53	M 2
T 3	13 7 11	18°37'01	28°16	25°42	22°59	5°46	20°31	9° 4	21°36	9°27	18° 8	12°19	12°45	16°40	26°55	T 3
W 4	13 11 7	19°35'25	13♉ 1	27°16	24°13	6°32	20°23	9° 7	21°37	9°29	18° 8	12° 9	12°42	16°47	26°58	W 4
T 5	13 15 4	20°33'48	27°22	28°51	25°27	7°17	20°16	9°11	21°38	9°30	18° 9	12° 1	12°39	16°54	27° 1	T 5
F 6	13 19 0	21°32'08	11♊14	0♈28	26°41	8° 3	20° 8	9°14	21°38	9°32	18° 9	11°55	12°36	17° 0	27° 3	F 6
S 7	13 22 57	22°30'26	24°37	2° 7	27°55	8°48	20° 0	9°17	21°39	9°34	18° 9	11°53	12°33	17° 7	27° 6	S 7
S 8	13 26 54	23°28'42	7♋33	3°47	29° 9	9°33	19°53	9°21	21°40	9°36	18° 9	11°D52	12°29	17°14	27° 9	S 8
M 9	13 30 50	24°26'56	20° 6	5°30	0♉23	10°19	19°45	9°25	21°41	9°38	18° 9	11°R52	12°26	17°20	27°11	M 9
T 10	13 34 47	25°25'08	2♌21	7°14	1°37	11° 4	19°38	9°28	21°42	9°39	18° 9	11°51	12°23	17°27	27°14	T 10
W11	13 38 43	26°23'18	14°22	9° 0	2°51	11°49	19°30	9°32	21°42	9°41	18°10	11°50	12°20	17°34	27°16	W11
T 12	13 42 40	27°21'26	26°16	10°47	4° 5	12°34	19°22	9°36	21°43	9°43	18°10	11°47	12°17	17°41	27°18	T 12
F 13	13 46 36	28°19'32	8♍ 6	12°37	5°19	13°19	19°15	9°40	21°44	9°44	18°R10	11°41	12°14	17°47	27°21	F 13
S 14	13 50 33	29°17'35	19°57	14°28	6°33	14° 4	19° 7	9°44	21°46	9°46	18°10	11°32	12°10	17°54	27°23	S 14
S 15	13 54 29	0♉15'37	1♎51	16°21	7°47	14°49	19° 0	9°49	21°47	9°48	18°10	11°21	12° 7	18° 1	27°25	S 15
M16	13 58 26	1°13'37	13°52	18°16	9° 1	15°34	18°53	9°53	21°48	9°49	18°10	11° 9	12° 4	18° 7	27°28	M16
T 17	14 2 23	2°11'36	26° 1	20°13	10°14	16°19	18°45	9°57	21°49	9°51	18° 9	10°57	12° 1	18°14	27°30	T 17
W18	14 6 19	3° 9'33	8♏19	22°11	11°28	17° 4	18°38	10° 2	21°50	9°52	18° 9	10°45	11°58	18°21	27°32	W18
T 19	14 10 16	4° 7'28	20°46	24°12	12°42	17°49	18°31	10° 6	21°52	9°54	18° 9	10°35	11°54	18°28	27°34	T 19
F 20	14 14 12	5° 5'21	3♐24	26°13	13°56	18°34	18°24	10°11	21°53	9°55	18° 9	10°27	11°51	18°34	27°36	F 20
S 21	14 18 9	6° 3'14	16°12	28°17	15°10	19°18	18°17	10°15	21°55	9°57	18° 9	10°22	11°48	18°41	27°38	S 21
S 22	14 22 5	7° 1'05	29°12	0♉22	16°23	20° 3	18°10	10°20	21°56	9°58	18° 9	10°19	11°45	18°48	27°40	S 22
M23	14 26 2	7°58'54	12♑25	2°28	17°37	20°47	18° 3	10°25	21°58	10° 0	18° 8	10°D19	11°42	18°54	27°42	M23
T 24	14 29 58	8°56'43	25°54	4°36	18°51	21°32	17°56	10°30	21°59	10° 1	18° 8	10°19	11°39	19° 1	27°43	T 24
W25	14 33 55	9°54'30	9♒38	6°45	20° 5	22°16	17°50	10°35	22° 1	10° 2	18° 8	10°R20	11°35	19° 8	27°45	W25
T 26	14 37 52	10°52'16	23°40	8°55	21°18	23° 1	17°43	10°40	22° 2	10° 4	18° 7	10°19	11°32	19°15	27°47	T 26
F 27	14 41 48	11°50'01	8♓ 0	11° 5	22°32	23°45	17°36	10°45	22° 4	10° 5	18° 7	10°17	11°29	19°21	27°49	F 27
S 28	14 45 45	12°47'45	22°33	13°16	23°46	24°30	17°30	10°50	22° 6	10° 6	18° 7	10°12	11°26	19°28	27°50	S 28
S 29	14 49 41	13°45'27	7♈17	15°28	24°59	25°14	17°24	10°56	22° 8	10° 8	18° 6	10° 5	11°23	19°35	27°52	S 29
M30	14 53 38	14♉43'09	22♈ 4	17♉39	26♉13	25♈58	17♎18	11♋ 1	22♋10	10♓ 9	18♑ 6	9♋57	11♋20	19♍41	27♒53	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n35	5s12	4s51	5s19	2s37	7n10	0s57	0n58	0s48	6s42	1n34	23n16	0n 0	22n22	0n33	9s 6	1s 5	25s 8	2s50	22n57	22n56	9n37	7s18	5n40
M 2	6 58	0n39	5 0	4 43	2 37	7 40	0 55	1 16	0 48	6 39	1 34	23 16	0 0	22 22	0 33	9 5	1 6	25 8	2 50	22 58	22 57	9 35	7 17	5 41
T 3	7 20	6 25	4 49	4 6	2 36	8 9	0 54	1 35	0 47	6 36	1 34	23 16	0 0	22 22	0 33	9 5	1 6	25 8	2 50	22 59	22 57	9 32	7 16	5 41
W 4	7 42	11 43	4 18	3 28	2 35	8 38	0 52	1 53	0 47	6 33	1 34	23 15	0 1	22 22	0 33	9 4	1 6	25 8	2 50	23 0	22 57	9 30	7 14	5 41
T 5	8 4	16 14	3 32	2 49	2 34	9 7	0 50	2 12	0 46	6 30	1 34	23 15	0 1	22 22	0 33	9 3	1 6	25 9	2 51	23 1	22 58	9 28	7 13	5 41
F 6	8 26	19 42	2 34	2 8	2 32	9 36	0 48	2 30	0 46	6 27	1 34	23 15	0 1	22 22	0 33	9 3	1 6	25 9	2 51	23 2	22 58	9 26	7 12	5 42
S 7	8 48	21 57	1 30	1 26	2 29	10 4	0 46	2 49	0 45	6 25	1 34	23 15	0 1	22 21	0 33	9 2	1 6	25 9	2 51	23 2	22 58	9 23	7 11	5 42
S 8	9 10	22 58	0 23	0 43	2 26	10 33	0 44	3 7	0 45	6 22	1 34	23 15	0 1	22 21	0 33	9 2	1 6	25 9	2 51	23 2	22 58	9 21	7 10	5 42
M 9	9 31	22 46	0n44	0n 1	2 22	11 1	0 42	3 26	0 44	6 19	1 34	23 15	0 1	22 21	0 33	9 1	1 6	25 9	2 51	23 2	22 59	9 19	7 9	5 42
T 10	9 53	21 28	1 46	0 47	2 18	11 29	0 40	3 44	0 44	6 16	1 34	23 14	0 1	22 21	0 33	9 0	1 6	25 9	2 51	23 2	22 59	9 16	7 8	5 43
W11	10 14	19 12	2 43	1 33	2 13	11 56	0 38	4 2	0 43	6 13	1 34	23 14	0 1	22 21	0 33	9 0	1 6	25 9	2 52	23 2	22 59	9 14	7 7	5 43
T 12	10 35	16 9	3 32	2 20	2 8	12 23	0 35	4 20	0 43	6 11	1 34	23 14	0 1	22 21	0 33	8 59	1 6	25 10	2 52	23 2	23 0	9 12	7 6	5 43
F 13	10 56	12 28	4 12	3 9	2 2	12 50	0 33	4 38	0 42	6 8	1 34	23 14	0 1	22 20	0 33	8 58	1 6	25 10	2 52	23 3	23 0	9 10	7 5	5 43
S 14	11 17	8 18	4 41	3 58	1 55	13 17	0 31	4 56	0 42	6 5	1 34	23 14	0 1	22 20	0 33	8 58	1 6	25 10	2 52	23 4	23 0	9 7	7 4	5 44
S 15	11 37	3 48	4 57	4 48	1 49	13 43	0 29	5 14	0 41	6 2	1 33	23 13	0 2	22 20	0 33	8 57	1 6	25 10	2 52	23 5	23 0	9 5	7 3	5 44
M16	11 58	0s53	5 1	5 38	1 41	14 9	0 27	5 32	0 41	6 0	1 33	23 13	0 2	22 20	0 33	8 57	1 6	25 10	2 52	23 6	23 1	9 3	7 2	5 44
T 17	12 18	5 35	4 51	6 30	1 33	14 35	0 24	5 50	0 40	5 57	1 33	23 13	0 2	22 20	0 33	8 56	1 6	25 10	2 53	23 7	23 1	9 0	7 1	5 44
W18	12 38	10 7	4 28	7 22	1 25	15 0	0 22	6 8	0 40	5 54	1 33	23 13	0 2	22 19	0 33	8 56	1 6	25 11	2 53	23 8	23 1	8 58	7 0	5 45
T 19	12 58	14 19	3 51	8 15	1 17	15 25	0 20	6 25	0 39	5 52	1 33	23 13	0 2	22 19	0 33	8 55	1 6	25 11	2 53	23 8	23 2	8 56	6 59	5 45
F 20	13 17	17 57	3 3	9 8	1 8	15 50	0 17	6 43	0 39	5 49	1 33	23 12	0 2	22 19	0 33	8 55	1 6	25 11	2 53	23 9	23 2	8 53	6 58	5 45
S 21	13 37	20 47	2 5	10 1	0 58	16 14	0 15	7 0	0 38	5 47	1 33	23 12	0 2	22 19	0 33	8 54	1 6	25 11	2 53	23 9	23 2	8 51	6 57	5 45
S 22	13 56	22 35	0 59	10 54	0 49	16 37	0 13	7 18	0 38	5 44	1 33	23 12	0 2	22 18	0 33	8 53	1 6	25 11	2 53	23 10	23 2	8 49	6 56	5 46
M23	14 15	23 10	0s11	11 47	0 39	17 1	0 10	7 35	0 37	5 42	1 32	23 11	0 2	22 18	0 33	8 53	1 6	25 12	2 54	23 10	23 3	8 46	6 55	5 46
T 24	14 33	22 25	1 22	12 41	0 28	17 24	0 8	7 52	0 37	5 39	1 32	23 11	0 2	22 18	0 33	8 53	1 6	25 12	2 54	23 10	23 3	8 44	6 54	5 46
W25	14 52	20 20	2 30	13 33	0 18	17 46	0 5	8 10	0 36	5 37	1 32	23 11	0 2	22 18	0 33	8 52	1 6	25 12	2 54	23 10	23 3	8 42	6 53	5 47
T 26	15 10	17 0	3 30	14 26	0 7	18 8	0 3	8 27	0 35	5 34	1 32	23 10	0 3	22 17	0 33	8 52	1 6	25 12	2 54	23 10	23 4	8 39	6 53	5 47
F 27	15 28	12 36	4 18	15 17	0n 3	18 30	0 1	8 44	0 35	5 32	1 32	23 10	0 3	22 17	0 33	8 51	1 6	25 12	2 54	23 10	23 4	8 37	6 52	5 47
S 28	15 46	7 25	4 51	16 7	0 14	18 51	0n 2	9 1	0 34	5 30	1 32	23 10	0 3	22 17	0 33	8 51	1 6	25 13	2 54	23 10	23 4	8 35	6 51	5 47
S 29	16 3	1 45	5 5	16 56	0 24	19 11	0 4	9 17	0 34	5 28	1 31	23 9	0 3	22 16	0 33	8 50	1 7	25 13	2 55	23 11	23 4	8 32	6 50	5 48
M30	16n20	4n 2	4s58	17n44	0n34	19n31	0n 7	9n34	0s33	5s25	1n31	23n 9	0n 3	22n16	0n33	8s50	1s 7	25s13	2s55	23n11	23n 5	8n30	6s49	5n48

Julian Day Number = 2098451.5, Delta T = 21m51s
Ecliptic obliquity = 23°33'51, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'54, Lahiri = 10°22'54 Julian Calendar 1 Apr. 1033 == Greg. Calendar 7 Apr. 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

MAY 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 57 34	15♉40'49	6♉47	19♉50	27♉27	26♈42	17°R12	11♋ 7	22♋12	10♓10	18°R 5	9°R48	11♋16	19♍48	27♒55	T 1
W 2	15 1 31	16°38'28	21°17	22° 1	28°40	27°26	17♎ 6	11°12	22°13	10°11	18♑ 5	9♋41	11°13	19°55	27°56	W 2
T 3	15 5 27	17°36'06	5♊29	24°10	29°54	28°10	17° 0	11°18	22°15	10°12	18° 4	9°34	11°10	20° 2	27°57	T 3
F 4	15 9 24	18°33'42	19°16	26°19	1♊ 8	28°54	16°54	11°23	22°18	10°13	18° 4	9°31	11° 7	20° 8	27°59	F 4
S 5	15 13 21	19°31'17	2♋39	28°26	2°21	29°38	16°49	11°29	22°20	10°14	18° 3	9°29	11° 4	20°15	28° 0	S 5
S 6	15 17 17	20°28'51	15°37	0♊32	3°35	0♉22	16°43	11°35	22°22	10°15	18° 3	9°D29	11° 0	20°22	28° 1	S 6
M 7	15 21 14	21°26'23	28°13	2°35	4°48	1° 6	16°38	11°41	22°24	10°17	18° 2	9°30	10°57	20°28	28° 2	M 7
T 8	15 25 10	22°23'54	10♌30	4°37	6° 2	1°50	16°33	11°47	22°26	10°18	18° 1	9°31	10°54	20°35	28° 3	T 8
W 9	15 29 7	23°21'23	22°34	6°37	7°15	2°33	16°28	11°53	22°28	10°18	18° 1	9°R32	10°51	20°42	28° 4	W 9
T 10	15 33 3	24°18'51	4♍30	8°34	8°29	3°17	16°23	11°59	22°31	10°19	18° 0	9°31	10°48	20°49	28° 5	T 10
F 11	15 37 0	25°16'18	16°22	10°29	9°42	4° 1	16°19	12° 5	22°33	10°20	17°59	9°29	10°45	20°55	28° 6	F 11
S 12	15 40 56	26°13'43	28°15	12°22	10°56	4°44	16°14	12°11	22°35	10°21	17°59	9°24	10°41	21° 2	28° 7	S 12
S 13	15 44 53	27°11'07	10♎13	14°12	12° 9	5°28	16°10	12°17	22°38	10°22	17°58	9°19	10°38	21° 9	28° 8	S 13
M14	15 48 50	28° 8'30	22°19	15°59	13°23	6°11	16° 6	12°23	22°40	10°23	17°57	9°12	10°35	21°15	28° 9	M14
T 15	15 52 46	29° 5'52	4♏36	17°44	14°36	6°55	16° 2	12°30	22°43	10°24	17°56	9° 5	10°32	21°22	28° 9	T 15
W16	15 56 43	0♊ 3'13	17° 6	19°26	15°49	7°38	15°58	12°36	22°45	10°24	17°55	8°58	10°29	21°29	28°10	W16
T 17	16 0 39	1° 0'33	29°48	21° 5	17° 3	8°21	15°54	12°42	22°48	10°25	17°55	8°52	10°26	21°36	28°11	T 17
F 18	16 4 36	1°57'52	12♐44	22°42	18°16	9° 4	15°51	12°49	22°50	10°26	17°54	8°48	10°22	21°42	28°11	F 18
S 19	16 8 32	2°55'10	25°53	24°16	19°29	9°47	15°47	12°55	22°53	10°26	17°53	8°46	10°19	21°49	28°11	S 19
S 20	16 12 29	3°52'28	9♑15	25°47	20°43	10°31	15°44	13° 2	22°56	10°27	17°52	8°D45	10°16	21°56	28°12	S 20
M21	16 16 25	4°49'45	22°48	27°15	21°56	11°14	15°41	13° 9	22°59	10°28	17°51	8°46	10°13	22° 2	28°12	M21
T 22	16 20 22	5°47'02	6♒32	28°41	23° 9	11°57	15°38	13°15	23° 1	10°28	17°50	8°47	10°10	22° 9	28°13	T 22
W23	16 24 19	6°44'18	20°26	0♋ 3	24°23	12°39	15°35	13°22	23° 4	10°29	17°49	8°48	10° 6	22°16	28°13	W23
T 24	16 28 15	7°41'34	4♓31	1°23	25°36	13°22	15°33	13°29	23° 7	10°29	17°48	8°R49	10° 3	22°23	28°13	T 24
F 25	16 32 12	8°38'50	18°43	2°40	26°49	14° 5	15°31	13°36	23°10	10°30	17°47	8°49	10° 0	22°29	28°13	F 25
S 26	16 36 8	9°36'05	3♈ 2	3°53	28° 3	14°48	15°28	13°42	23°13	10°30	17°46	8°47	9°57	22°36	28°R13	S 26
S 27	16 40 5	10°33'19	17°24	5° 4	29°16	15°31	15°26	13°49	23°16	10°30	17°45	8°44	9°54	22°43	28°13	S 27
M28	16 44 1	11°30'34	1♉46	6°11	0♋29	16°13	15°25	13°56	23°18	10°31	17°44	8°41	9°51	22°49	28°13	M28
T 29	16 47 58	12°27'48	16° 1	7°16	1°42	16°56	15°23	14° 3	23°21	10°31	17°43	8°37	9°47	22°56	28°13	T 29
W30	16 51 54	13°25'02	0♊ 6	8°17	2°55	17°38	15°22	14°10	23°24	10°31	17°42	8°34	9°44	23° 3	28°13	W30
T 31	16 55 51	14♊22'16	13♊56	9♋15	4♋ 9	18♉21	15♎20	14♋17	23♋28	10♓32	17♑41	8♋31	9♋41	23♍10	28♒12	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n37	9n34	4s32	18n30	0n45	19n51	0n 9	9n51	0s33	5s23	1n31	23n 9	0n 3	22n16	0n33	8s49	1s 7	25s13	2s55	23n12	23n 5	8n27	6s49	5n48
W 2	16 54	14 30	3 49	19 14	0 54	20 9	0 12	10 7	0 32	5 21	1 31	23 8	0 3	22 15	0 33	8 49	1 7	25 14	2 55	23 13	23 5	8 25	6 48	5 49
T 3	17 10	18 30	2 52	19 56	1 4	20 28	0 14	10 23	0 31	5 19	1 31	23 8	0 3	22 15	0 33	8 49	1 7	25 14	2 55	23 13	23 6	8 23	6 47	5 49
F 4	17 26	21 22	1 46	20 36	1 13	20 46	0 17	10 40	0 31	5 17	1 30	23 8	0 3	22 15	0 33	8 48	1 7	25 14	2 55	23 13	23 6	8 20	6 46	5 49
S 5	17 42	22 56	0 37	21 14	1 21	21 3	0 19	10 56	0 30	5 15	1 30	23 7	0 3	22 14	0 33	8 48	1 7	25 14	2 56	23 13	23 6	8 18	6 46	5 50
S 6	17 58	23 12	0n33	21 49	1 29	21 20	0 22	11 12	0 30	5 13	1 30	23 7	0 3	22 14	0 32	8 47	1 7	25 15	2 56	23 13	23 6	8 16	6 45	5 50
M 7	18 13	22 15	1 39	22 22	1 36	21 36	0 24	11 28	0 29	5 11	1 30	23 6	0 3	22 14	0 32	8 47	1 7	25 15	2 56	23 13	23 7	8 13	6 44	5 50
T 8	18 28	20 15	2 39	22 52	1 43	21 51	0 26	11 44	0 28	5 10	1 30	23 6	0 4	22 13	0 32	8 47	1 7	25 15	2 56	23 13	23 7	8 11	6 44	5 51
W 9	18 43	17 23	3 31	23 19	1 49	22 6	0 29	11 59	0 28	5 8	1 29	23 5	0 4	22 13	0 32	8 46	1 7	25 15	2 56	23 13	23 7	8 8	6 43	5 51
T 10	18 57	13 50	4 13	23 44	1 54	22 21	0 31	12 15	0 27	5 6	1 29	23 5	0 4	22 12	0 32	8 46	1 7	25 16	2 56	23 13	23 7	8 6	6 42	5 51
F 11	19 11	9 46	4 44	24 6	1 59	22 34	0 34	12 30	0 27	5 5	1 29	23 5	0 4	22 12	0 32	8 46	1 7	25 16	2 57	23 13	23 8	8 4	6 42	5 51
S 12	19 25	5 20	5 3	24 25	2 3	22 47	0 36	12 46	0 26	5 3	1 29	23 4	0 4	22 12	0 32	8 46	1 7	25 16	2 57	23 14	23 8	8 1	6 41	5 52
S 13	19 38	0 40	5 9	24 42	2 6	23 0	0 38	13 1	0 25	5 2	1 28	23 4	0 4	22 11	0 32	8 45	1 7	25 16	2 57	23 14	23 8	7 59	6 41	5 52
M14	19 51	4s 5	5 1	24 57	2 8	23 12	0 41	13 16	0 25	5 0	1 28	23 3	0 4	22 11	0 32	8 45	1 7	25 17	2 57	23 15	23 8	7 56	6 40	5 52
T 15	20 4	8 44	4 39	25 9	2 10	23 23	0 43	13 31	0 24	4 59	1 28	23 3	0 4	22 10	0 32	8 45	1 7	25 17	2 57	23 15	23 9	7 54	6 39	5 53
W16	20 16	13 8	4 4	25 19	2 11	23 33	0 45	13 45	0 24	4 58	1 28	23 2	0 4	22 10	0 32	8 45	1 7	25 17	2 57	23 16	23 9	7 52	6 39	5 53
T 17	20 28	17 2	3 16	25 26	2 11	23 43	0 47	14 0	0 23	4 57	1 27	23 2	0 4	22 9	0 32	8 44	1 7	25 17	2 57	23 16	23 9	7 49	6 38	5 53
F 18	20 40	20 11	2 17	25 31	2 10	23 52	0 50	14 14	0 22	4 56	1 27	23 1	0 4	22 9	0 32	8 44	1 7	25 18	2 58	23 16	23 9	7 47	6 38	5 54
S 19	20 51	22 21	1 9	25 35	2 8	24 0	0 52	14 29	0 22	4 55	1 27	23 0	0 5	22 8	0 32	8 44	1 7	25 18	2 58	23 16	23 10	7 44	6 38	5 54
S 20	21 2	23 17	0s 3	25 36	2 6	24 8	0 54	14 43	0 21	4 54	1 27	23 0	0 5	22 8	0 32	8 44	1 7	25 18	2 58	23 16	23 10	7 42	6 37	5 54
M21	21 13	22 52	1 16	25 35	2 3	24 15	0 56	14 57	0 20	4 53	1 26	22 59	0 5	22 8	0 32	8 43	1 8	25 18	2 58	23 16	23 10	7 40	6 37	5 55
T 22	21 23	21 5	2 26	25 33	1 59	24 21	0 58	15 11	0 20	4 52	1 26	22 59	0 5	22 7	0 32	8 43	1 8	25 19	2 58	23 16	23 10	7 37	6 36	5 55
W23	21 33	18 2	3 28	25 29	1 55	24 27	1 0	15 25	0 19	4 51	1 26	22 58	0 5	22 7	0 32	8 43	1 8	25 19	2 58	23 16	23 11	7 35	6 36	5 55
T 24	21 42	13 55	4 19	25 23	1 50	24 32	1 2	15 38	0 19	4 50	1 26	22 58	0 5	22 6	0 32	8 43	1 8	25 19	2 58	23 16	23 11	7 32	6 36	5 56
F 25	21 52	8 59	4 54	25 16	1 44	24 36	1 4	15 52	0 18	4 50	1 25	22 57	0 5	22 6	0 32	8 43	1 8	25 20	2 59	23 16	23 11	7 30	6 35	5 56
S 26	22 0	3 32	5 11	25 8	1 37	24 39	1 6	16 5	0 17	4 49	1 25	22 56	0 5	22 5	0 32	8 43	1 8	25 20	2 59	23 16	23 11	7 27	6 35	5 56
S 27	22 9	2n 6	5 9	24 58	1 30	24 42	1 8	16 18	0 17	4 48	1 25	22 56	0 5	22 5	0 32	8 43	1 8	25 20	2 59	23 16	23 12	7 25	6 35	5 56
M28	22 17	7 39	4 48	24 47	1 22	24 44	1 10	16 31	0 16	4 48	1 24	22 55	0 5	22 4	0 32	8 43	1 8	25 20	2 59	23 17	23 12	7 23	6 34	5 57
T 29	22 24	12 45	4 9	24 35	1 13	24 45	1 12	16 44	0 15	4 48	1 24	22 54	0 5	22 4	0 32	8 42	1 8	25 21	2 59	23 17	23 12	7 20	6 34	5 57
W30	22 32	17 6	3 15	24 22	1 4	24 45	1 13	16 57	0 15	4 47	1 24	22 54	0 5	22 3	0 32	8 42	1 8	25 21	2 59	23 17	23 12	7 18	6 34	5 57
T 31	22n39	20n26	2s11	24n 8	0n54	24n45	1n15	17n 9	0s14	4s47	1n24	22n53	0n 6	22n 2	0n32	8s42	1s 8	25s21	2s59	23n17	23n13	7n15	6s34	5n58

Julian Day Number = 2098481.5, Delta T = 21m50s
Ecliptic obliquity = 23°33'51, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°15'58, Lahiri = 10°22'59 Julian Calendar 1 May 1033 == Greg. Calendar 7 May 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

JUNE 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 59 48	15♊19'29	27♊29	10♋ 9	5♋22	19♉ 3	15°R19	14♋24	23♋31	10♓32	17°R39	8°R30	9♋38	23♍16	28°R12	F 1
S 2	17 3 44	16°16'42	10♋41	11° 0	6°35	19°46	15♎18	14°32	23°34	10°32	17♑38	8°D29	9°35	23°23	28♒12	S 2
S 3	17 7 41	17°13'54	23°33	11°47	7°48	20°28	15°18	14°39	23°37	10°32	17°37	8♋30	9°32	23°30	28°11	S 3
M 4	17 11 37	18°11'06	6♌ 7	12°31	9° 1	21°10	15°17	14°46	23°40	10°32	17°36	8°31	9°28	23°36	28°11	M 4
T 5	17 15 34	19° 8'18	18°25	13°10	10°14	21°52	15°17	14°53	23°43	10°33	17°35	8°33	9°25	23°43	28°11	T 5
W 6	17 19 30	20° 5'28	0♍30	13°46	11°27	22°34	15°D17	15° 0	23°46	10°33	17°34	8°34	9°22	23°50	28°10	W 6
T 7	17 23 27	21° 2'39	12°27	14°17	12°40	23°16	15°17	15° 8	23°50	10°33	17°32	8°35	9°19	23°57	28° 9	T 7
F 8	17 27 23	21°59'49	24°21	14°45	13°53	23°58	15°17	15°15	23°53	10°R33	17°31	8°R35	9°16	24° 3	28° 9	F 8
S 9	17 31 20	22°56'58	6♎15	15° 8	15° 6	24°40	15°17	15°22	23°56	10°33	17°30	8°35	9°12	24°10	28° 8	S 9
S 10	17 35 17	23°54'07	18°15	15°26	16°19	25°22	15°18	15°30	23°59	10°33	17°29	8°33	9° 9	24°17	28° 7	S 10
M11	17 39 13	24°51'16	0♏24	15°40	17°32	26° 4	15°18	15°37	24° 3	10°32	17°27	8°32	9° 6	24°24	28° 6	M11
T 12	17 43 10	25°48'24	12°46	15°50	18°45	26°46	15°19	15°45	24° 6	10°32	17°26	8°30	9° 3	24°30	28° 5	T 12
W13	17 47 6	26°45'33	25°25	15°55	19°58	27°28	15°20	15°52	24° 9	10°32	17°25	8°28	9° 0	24°37	28° 4	W13
T 14	17 51 3	27°42'41	8♐20	15°R55	21°11	28° 9	15°22	16° 0	24°13	10°32	17°23	8°27	8°57	24°44	28° 3	T 14
F 15	17 54 59	28°39'49	21°34	15°50	22°24	28°51	15°23	16° 7	24°16	10°32	17°22	8°26	8°53	24°50	28° 2	F 15
S 16	17 58 56	29°36'58	5♑ 5	15°41	23°37	29°32	15°25	16°15	24°20	10°31	17°21	8°D26	8°50	24°57	28° 1	S 16
S 17	18 2 52	0♋34'06	18°51	15°28	24°50	0♊14	15°26	16°22	24°23	10°31	17°19	8°26	8°47	25° 4	28° 0	S 17
M18	18 6 49	1°31'15	2♒50	15°10	26° 3	0°55	15°28	16°30	24°27	10°31	17°18	8°26	8°44	25°11	27°59	M18
T 19	18 10 46	2°28'24	16°59	14°47	27°15	1°36	15°31	16°37	24°30	10°31	17°17	8°27	8°41	25°17	27°58	T 19
W20	18 14 42	3°25'33	1♓14	14°21	28°28	2°18	15°33	16°45	24°34	10°30	17°15	8°27	8°38	25°24	27°56	W20
T 21	18 18 39	4°22'43	15°31	13°52	29°41	2°59	15°35	16°53	24°37	10°30	17°14	8°28	8°34	25°31	27°55	T 21
F 22	18 22 35	5°19'54	29°48	13°19	0♌54	3°40	15°38	17° 0	24°41	10°29	17°13	8°R28	8°31	25°37	27°54	F 22
S 23	18 26 32	6°17'05	14♈ 1	12°44	2° 6	4°21	15°41	17° 8	24°44	10°29	17°11	8°28	8°28	25°44	27°52	S 23
S 24	18 30 28	7°14'16	28° 9	12° 6	3°19	5° 2	15°44	17°16	24°48	10°28	17°10	8°28	8°25	25°51	27°51	S 24
M25	18 34 25	8°11'29	12♉ 8	11°27	4°32	5°43	15°47	17°23	24°51	10°28	17° 8	8°D28	8°22	25°58	27°49	M25
T 26	18 38 21	9° 8'42	25°58	10°47	5°44	6°24	15°50	17°31	24°55	10°27	17° 7	8°28	8°18	26° 4	27°47	T 26
W27	18 42 18	10° 5'56	9♊35	10° 7	6°57	7° 5	15°54	17°39	24°58	10°27	17° 6	8°28	8°15	26°11	27°46	W27
T 28	18 46 15	11° 3'10	23° 0	9°27	8°10	7°46	15°57	17°46	25° 2	10°26	17° 4	8°28	8°12	26°18	27°44	T 28
F 29	18 50 11	12° 0'25	6♋10	8°49	9°22	8°27	16° 1	17°54	25° 6	10°25	17° 3	8°R28	8° 9	26°24	27°42	F 29
S 30	18 54 8	12♋57'41	19♋ 5	8♋12	10♌35	9♊ 8	16♎ 5	18♋ 2	25♋ 9	10♓25	17♑ 1	8♋28	8♋ 6	26♍31	27♒41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n45	22n32	1s 0	23n54	0n43	24n44	1n17	17n22	0s13	4s47	1n23	22n52	0n 6	22n 2	0n32	8s42	1s 8	25s22	3s 0	23n17	23n13	7n13	6s33	5n58
S 2	22 51	23 20	0n12	23 39	0 32	24 42	1 18	17 34	0 13	4 47	1 23	22 52	0 6	22 1	0 32	8 42	1 8	25 22	3 0	23 17	23 13	7 10	6 33	5 58
S 3	22 57	22 51	1 22	23 23	0 21	24 40	1 20	17 46	0 12	4 47	1 23	22 51	0 6	22 1	0 32	8 42	1 8	25 22	3 0	23 17	23 13	7 8	6 33	5 59
M 4	23 2	21 12	2 26	23 6	0 8	24 37	1 21	17 58	0 11	4 47	1 22	22 50	0 6	22 0	0 32	8 42	1 8	25 22	3 0	23 17	23 13	7 5	6 33	5 59
T 5	23 7	18 36	3 23	22 50	0s 5	24 33	1 23	18 9	0 11	4 47	1 22	22 50	0 6	22 0	0 32	8 42	1 8	25 23	3 0	23 17	23 14	7 3	6 33	5 59
W 6	23 12	15 13	4 9	22 33	0 18	24 28	1 24	18 21	0 10	4 47	1 22	22 49	0 6	21 59	0 32	8 42	1 8	25 23	3 0	23 17	23 14	7 1	6 33	6 0
T 7	23 16	11 17	4 44	22 16	0 32	24 23	1 26	18 32	0 9	4 47	1 22	22 48	0 6	21 59	0 32	8 42	1 8	25 23	3 0	23 17	23 14	6 58	6 33	6 0
F 8	23 19	6 56	5 6	21 59	0 46	24 17	1 27	18 43	0 9	4 48	1 21	22 47	0 6	21 58	0 32	8 42	1 8	25 24	3 1	23 17	23 14	6 56	6 33	6 0
S 9	23 23	2 20	5 15	21 42	1 1	24 10	1 28	18 54	0 8	4 48	1 21	22 47	0 6	21 57	0 32	8 42	1 8	25 24	3 1	23 17	23 15	6 53	6 33	6 0
S 10	23 25	2s24	5 11	21 25	1 16	24 2	1 29	19 5	0 7	4 49	1 21	22 46	0 6	21 57	0 32	8 42	1 8	25 24	3 1	23 17	23 15	6 51	6 33	6 1
M11	23 28	7 6	4 53	21 8	1 31	23 54	1 30	19 16	0 7	4 49	1 20	22 45	0 6	21 56	0 32	8 43	1 9	25 24	3 1	23 17	23 15	6 48	6 33	6 1
T 12	23 30	11 36	4 21	20 51	1 47	23 45	1 32	19 26	0 6	4 50	1 20	22 44	0 7	21 56	0 32	8 43	1 9	25 25	3 1	23 17	23 15	6 46	6 33	6 1
W13	23 31	15 43	3 36	20 35	2 2	23 36	1 32	19 37	0 5	4 51	1 20	22 43	0 7	21 55	0 32	8 43	1 9	25 25	3 1	23 17	23 15	6 43	6 33	6 2
T 14	23 33	19 12	2 39	20 20	2 18	23 25	1 33	19 47	0 5	4 51	1 20	22 43	0 7	21 54	0 32	8 43	1 9	25 25	3 1	23 18	23 16	6 41	6 33	6 2
F 15	23 33	21 46	1 32	20 5	2 33	23 14	1 34	19 57	0 4	4 52	1 19	22 42	0 7	21 54	0 32	8 43	1 9	25 26	3 1	23 18	23 16	6 38	6 33	6 2
S 16	23 34	23 9	0 19	19 51	2 49	23 3	1 35	20 6	0 3	4 53	1 19	22 41	0 7	21 53	0 32	8 43	1 9	25 26	3 1	23 18	23 16	6 36	6 33	6 3
S 17	23 34	23 11	0s57	19 37	3 4	22 51	1 36	20 16	0 3	4 54	1 19	22 40	0 7	21 53	0 32	8 43	1 9	25 26	3 2	23 18	23 16	6 33	6 33	6 3
M18	23 33	21 45	2 11	19 25	3 18	22 38	1 36	20 25	0 2	4 55	1 18	22 39	0 7	21 52	0 32	8 43	1 9	25 26	3 2	23 18	23 16	6 31	6 33	6 3
T 19	23 32	18 58	3 18	19 13	3 32	22 24	1 37	20 34	0 1	4 56	1 18	22 39	0 7	21 51	0 32	8 44	1 9	25 27	3 2	23 18	23 17	6 28	6 33	6 3
W20	23 31	15 1	4 13	19 3	3 45	22 10	1 37	20 43	0 0	4 57	1 18	22 38	0 7	21 51	0 32	8 44	1 9	25 27	3 2	23 18	23 17	6 26	6 34	6 4
T 21	23 29	10 13	4 52	18 54	3 58	21 55	1 38	20 52	0n 0	4 58	1 18	22 37	0 7	21 50	0 32	8 44	1 9	25 27	3 2	23 18	23 17	6 23	6 34	6 4
F 22	23 27	4 52	5 13	18 46	4 9	21 40	1 38	21 1	0 1	5 0	1 17	22 36	0 7	21 50	0 32	8 44	1 9	25 28	3 2	23 18	23 17	6 21	6 34	6 4
S 23	23 25	0n43	5 15	18 39	4 19	21 24	1 39	21 9	0 2	5 1	1 17	22 35	0 7	21 49	0 32	8 44	1 9	25 28	3 2	23 18	23 18	6 18	6 34	6 4
S 24	23 22	6 13	4 58	18 33	4 28	21 7	1 39	21 17	0 2	5 2	1 17	22 34	0 8	21 48	0 32	8 45	1 9	25 28	3 2	23 18	23 18	6 16	6 35	6 5
M25	23 19	11 22	4 24	18 29	4 36	20 50	1 39	21 25	0 3	5 4	1 17	22 33	0 8	21 48	0 32	8 45	1 9	25 28	3 2	23 18	23 18	6 13	6 35	6 5
T 26	23 15	15 52	3 34	18 26	4 42	20 32	1 39	21 33	0 4	5 5	1 16	22 32	0 8	21 47	0 32	8 45	1 9	25 29	3 3	23 18	23 18	6 11	6 35	6 5
W27	23 11	19 29	2 33	18 25	4 46	20 14	1 39	21 41	0 4	5 7	1 16	22 31	0 8	21 46	0 32	8 45	1 9	25 29	3 3	23 18	23 18	6 8	6 36	6 5
T 28	23 6	21 58	1 25	18 25	4 49	19 55	1 39	21 48	0 5	5 9	1 16	22 30	0 8	21 46	0 32	8 46	1 9	25 29	3 3	23 18	23 19	6 6	6 36	6 6
F 29	23 1	23 12	0 13	18 27	4 50	19 35	1 39	21 55	0 6	5 10	1 15	22 30	0 8	21 45	0 32	8 46	1 9	25 30	3 3	23 18	23 19	6 3	6 36	6 6
S 30	22n56	23n10	0n58	18n30	4s49	19n15	1n38	22n 2	0n 7	5s12	1n15	22n29	0n 8	21n44	0n32	8s46	1s 9	25s30	3s 3	23n18	23n19	6n 1	6s37	6n 6

Julian Day Number = 2098512.5, Delta T = 21m50s
Ecliptic obliquity = 23°33'50, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'02, Lahiri = 10°23'03 Julian Calendar 1 June 1033 == Greg. Calendar 7 June 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

JULY 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 58 4	13♋54'57	1♌45	7°R38	11♌47	9♊48	16♎ 9	18♋10	25♋13	10°R24	17°R 0	8°R28	8♋ 3	26♍38	27°R39	S 1
M 2	19 2 1	14°52'13	14°12	7♋ 8	13° 0	10°29	16°14	18°17	25°17	10♓23	16♑59	8♋27	7°59	26°45	27♒37	M 2
T 3	19 5 57	15°49'31	26°25	6°41	14°12	11° 9	16°18	18°25	25°20	10°22	16°57	8°26	7°56	26°51	27°35	T 3
W 4	19 9 54	16°46'48	8♍29	6°18	15°25	11°50	16°23	18°33	25°24	10°22	16°56	8°25	7°53	26°58	27°33	W 4
T 5	19 13 51	17°44'06	20°25	6° 0	16°37	12°30	16°28	18°41	25°28	10°21	16°54	8°24	7°50	27° 5	27°31	T 5
F 6	19 17 47	18°41'25	2♎18	5°47	17°50	13°10	16°33	18°48	25°31	10°20	16°53	8°23	7°47	27°12	27°29	F 6
S 7	19 21 44	19°38'44	14°12	5°40	19° 2	13°51	16°38	18°56	25°35	10°19	16°51	8°D23	7°43	27°18	27°27	S 7
S 8	19 25 40	20°36'03	26°11	5°D39	20°15	14°31	16°43	19° 4	25°39	10°18	16°50	8°23	7°40	27°25	27°25	S 8
M 9	19 29 37	21°33'23	8♏19	5°43	21°27	15°11	16°48	19°12	25°42	10°17	16°49	8°23	7°37	27°32	27°22	M 9
T 10	19 33 33	22°30'44	20°42	5°54	22°39	15°51	16°54	19°19	25°46	10°16	16°47	8°24	7°34	27°38	27°20	T 10
W11	19 37 30	23°28'05	3♐23	6°11	23°51	16°31	17° 0	19°27	25°50	10°15	16°46	8°25	7°31	27°45	27°18	W11
T 12	19 41 26	24°25'28	16°25	6°34	25° 4	17°11	17° 5	19°35	25°53	10°14	16°44	8°27	7°28	27°52	27°16	T 12
F 13	19 45 23	25°22'51	29°50	7° 3	26°16	17°51	17°11	19°43	25°57	10°13	16°43	8°27	7°24	27°59	27°13	F 13
S 14	19 49 20	26°20'14	13♑38	7°39	27°28	18°31	17°18	19°50	26° 1	10°12	16°42	8°R28	7°21	28° 5	27°11	S 14
S 15	19 53 16	27°17'39	27°47	8°21	28°40	19°11	17°24	19°58	26° 4	10°11	16°40	8°27	7°18	28°12	27° 9	S 15
M16	19 57 13	28°15'05	12♒12	9°10	29°52	19°50	17°30	20° 6	26° 8	10°10	16°39	8°25	7°15	28°19	27° 6	M16
T 17	20 1 9	29°12'32	26°49	10° 4	1♍ 4	20°30	17°37	20°13	26°12	10° 9	16°37	8°23	7°12	28°25	27° 4	T 17
W18	20 5 6	0♌10'00	11♓30	11° 5	2°16	21°10	17°43	20°21	26°16	10° 8	16°36	8°20	7° 9	28°32	27° 1	W18
T 19	20 9 2	1° 7'29	26° 9	12°11	3°28	21°49	17°50	20°29	26°19	10° 6	16°35	8°17	7° 5	28°39	26°59	T 19
F 20	20 12 59	2° 5'00	10♈39	13°23	4°40	22°29	17°57	20°36	26°23	10° 5	16°33	8°15	7° 2	28°46	26°56	F 20
S 21	20 16 55	3° 2'32	24°58	14°41	5°52	23° 8	18° 4	20°44	26°27	10° 4	16°32	8°14	6°59	28°52	26°54	S 21
S 22	20 20 52	4° 0'06	9♉ 1	16° 4	7° 4	23°48	18°12	20°52	26°30	10° 3	16°31	8°D14	6°56	28°59	26°51	S 22
M23	20 24 49	4°57'41	22°47	17°32	8°16	24°27	18°19	20°59	26°34	10° 2	16°29	8°15	6°53	29° 6	26°49	M23
T 24	20 28 45	5°55'18	6♊18	19° 5	9°27	25° 6	18°26	21° 7	26°38	10° 0	16°28	8°16	6°49	29°13	26°46	T 24
W25	20 32 42	6°52'56	19°33	20°42	10°39	25°45	18°34	21°14	26°41	9°59	16°27	8°17	6°46	29°19	26°43	W25
T 26	20 36 38	7°50'36	2♋34	22°23	11°51	26°24	18°42	21°22	26°45	9°58	16°25	8°R18	6°43	29°26	26°41	T 26
F 27	20 40 35	8°48'18	15°22	24° 7	13° 2	27° 4	18°50	21°30	26°49	9°56	16°24	8°18	6°40	29°33	26°38	F 27
S 28	20 44 31	9°46'01	27°58	25°55	14°14	27°43	18°58	21°37	26°52	9°55	16°23	8°17	6°37	29°39	26°35	S 28
S 29	20 48 28	10°43'45	10♌24	27°46	15°26	28°21	19° 6	21°45	26°56	9°54	16°21	8°14	6°34	29°46	26°32	S 29
M30	20 52 24	11°41'31	22°39	29°39	16°37	29° 0	19°14	21°52	26°59	9°52	16°20	8° 9	6°30	29°53	26°30	M30
T 31	20 56 21	12♌39'18	4♍46	1♌35	17♍49	29♊39	19♎22	21♋59	27♋ 3	9♓51	16♑19	8♋ 3	6♋27	29♍59	26♒27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n50	21n55	2n 5	18n34	4s47	18n55	1n38	22n 9	0n 7	5s14	1n15	22n28	0n 8	21n44	0n32	8s47	1s 9	25s30	3s 3	23n18	23n19	5n58	6s37	6n 6
M 2	22 44	19 36	3 5	18 40	4 43	18 34	1 38	22 16	0 8	5 16	1 15	22 27	0 8	21 43	0 32	8 47	1 9	25 30	3 3	23 18	23 19	5 56	6 37	6 7
T 3	22 37	16 27	3 55	18 46	4 38	18 12	1 37	22 22	0 9	5 18	1 14	22 26	0 8	21 42	0 32	8 47	1 9	25 31	3 3	23 18	23 19	5 53	6 38	6 7
W 4	22 30	12 40	4 34	18 54	4 31	17 50	1 37	22 29	0 9	5 20	1 14	22 25	0 8	21 42	0 32	8 48	1 10	25 31	3 3	23 18	23 20	5 51	6 38	6 7
T 5	22 23	8 25	5 1	19 4	4 22	17 28	1 36	22 35	0 10	5 22	1 14	22 24	0 9	21 41	0 32	8 48	1 10	25 31	3 3	23 18	23 20	5 48	6 39	6 7
F 6	22 15	3 53	5 14	19 14	4 13	17 5	1 35	22 41	0 11	5 24	1 14	22 23	0 9	21 40	0 32	8 48	1 10	25 32	3 3	23 18	23 20	5 45	6 39	6 7
S 7	22 7	0s48	5 15	19 25	4 2	16 41	1 35	22 46	0 12	5 26	1 13	22 22	0 9	21 40	0 32	8 49	1 10	25 32	3 4	23 18	23 20	5 43	6 40	6 8
S 8	21 59	5 29	5 1	19 37	3 50	16 18	1 34	22 52	0 12	5 29	1 13	22 21	0 9	21 39	0 32	8 49	1 10	25 32	3 4	23 18	23 20	5 40	6 40	6 8
M 9	21 50	10 2	4 34	19 49	3 37	15 53	1 33	22 57	0 13	5 31	1 13	22 20	0 9	21 38	0 32	8 49	1 10	25 32	3 4	23 18	23 21	5 38	6 41	6 8
T 10	21 40	14 16	3 54	20 2	3 24	15 29	1 32	23 2	0 14	5 33	1 13	22 19	0 9	21 38	0 32	8 50	1 10	25 33	3 4	23 18	23 21	5 35	6 42	6 8
W11	21 31	17 58	3 2	20 16	3 10	15 4	1 31	23 7	0 14	5 36	1 12	22 18	0 9	21 37	0 32	8 50	1 10	25 33	3 4	23 18	23 21	5 33	6 42	6 8
T 12	21 21	20 54	1 59	20 29	2 55	14 38	1 29	23 12	0 15	5 38	1 12	22 17	0 9	21 36	0 32	8 51	1 10	25 33	3 4	23 18	23 21	5 30	6 43	6 9
F 13	21 10	22 46	0 47	20 43	2 40	14 13	1 28	23 16	0 16	5 41	1 12	22 16	0 9	21 35	0 32	8 51	1 10	25 33	3 4	23 18	23 21	5 28	6 43	6 9
S 14	21 0	23 20	0s29	20 56	2 25	13 46	1 27	23 20	0 17	5 43	1 12	22 15	0 9	21 35	0 32	8 52	1 10	25 34	3 4	23 18	23 22	5 25	6 44	6 9
S 15	20 49	22 25	1 45	21 9	2 9	13 20	1 25	23 24	0 17	5 46	1 11	22 14	0 9	21 34	0 32	8 52	1 10	25 34	3 4	23 18	23 22	5 23	6 45	6 9
M16	20 37	20 2	2 55	21 21	1 54	12 53	1 24	23 28	0 18	5 49	1 11	22 12	0 9	21 33	0 32	8 53	1 10	25 34	3 4	23 18	23 22	5 20	6 45	6 9
T 17	20 25	16 19	3 55	21 33	1 38	12 26	1 22	23 32	0 19	5 52	1 11	22 11	0 10	21 33	0 32	8 53	1 10	25 34	3 4	23 18	23 22	5 17	6 46	6 9
W18	20 13	11 36	4 40	21 44	1 22	11 59	1 21	23 36	0 20	5 54	1 11	22 10	0 10	21 32	0 32	8 53	1 10	25 35	3 4	23 18	23 22	5 15	6 47	6 9
T 19	20 1	6 14	5 7	21 53	1 7	11 31	1 19	23 39	0 20	5 57	1 10	22 9	0 10	21 31	0 32	8 54	1 10	25 35	3 4	23 18	23 22	5 12	6 47	6 10
F 20	19 48	0 34	5 14	22 2	0 52	11 3	1 17	23 42	0 21	6 0	1 10	22 8	0 10	21 31	0 32	8 54	1 10	25 35	3 5	23 18	23 23	5 10	6 48	6 10
S 21	19 35	5n 3	5 1	22 8	0 37	10 34	1 15	23 45	0 22	6 3	1 10	22 7	0 10	21 30	0 32	8 55	1 10	25 35	3 5	23 18	23 23	5 7	6 49	6 10
S 22	19 21	10 18	4 30	22 13	0 23	10 6	1 13	23 47	0 22	6 6	1 10	22 6	0 10	21 29	0 32	8 55	1 10	25 35	3 5	23 18	23 23	5 5	6 50	6 10
M23	19 7	14 57	3 44	22 16	0 9	9 37	1 11	23 50	0 23	6 9	1 9	22 5	0 10	21 29	0 32	8 56	1 10	25 36	3 5	23 18	23 23	5 2	6 50	6 10
T 24	18 53	18 44	2 46	22 16	0n 4	9 8	1 9	23 52	0 24	6 12	1 9	22 4	0 10	21 28	0 32	8 56	1 10	25 36	3 5	23 18	23 23	4 59	6 51	6 10
W25	18 39	21 28	1 41	22 14	0 17	8 39	1 7	23 54	0 25	6 15	1 9	22 3	0 10	21 27	0 32	8 57	1 10	25 36	3 5	23 18	23 23	4 57	6 52	6 10
T 26	18 24	23 1	0 31	22 10	0 29	8 9	1 5	23 56	0 25	6 18	1 9	22 2	0 10	21 26	0 32	8 58	1 10	25 36	3 5	23 18	23 24	4 54	6 53	6 10
F 27	18 9	23 19	0n39	22 3	0 40	7 39	1 2	23 58	0 26	6 22	1 8	22 1	0 11	21 26	0 32	8 58	1 10	25 37	3 5	23 18	23 24	4 52	6 54	6 10
S 28	17 54	22 24	1 45	21 54	0 50	7 10	1 0	24 0	0 27	6 25	1 8	22 0	0 11	21 25	0 32	8 59	1 10	25 37	3 5	23 18	23 24	4 49	6 54	6 11
S 29	17 38	20 23	2 46	21 41	1 0	6 39	0 58	24 1	0 28	6 28	1 8	21 58	0 11	21 24	0 32	8 59	1 10	25 37	3 5	23 18	23 24	4 46	6 55	6 11
M30	17 22	17 28	3 38	21 26	1 8	6 9	0 55	24 2	0 28	6 31	1 8	21 57	0 11	21 24	0 32	9 0	1 10	25 37	3 5	23 19	23 24	4 44	6 56	6 11
T 31	17n 6	13n50	4n20	21n 9	1n16	5n39	0n53	24n 3	0n29	6s35	1n 8	21n56	0n11	21n23	0n32	9s 0	1s10	25s37	3s 5	23n19	23n24	4n41	6s57	6n11

Julian Day Number = 2098542.5, Delta T = 21m50s
Ecliptic obliquity = 23°33'50, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'06, Lahiri = 10°23'07 Julian Calendar 1 July 1033 == Greg. Calendar 7 July 1033

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1033
geocentric

AUGUST 1033 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 0 18	13♌37'06	16♍45	3♌31	19♍ 0	0♋18	19♎31	22♋ 7	27♋ 7	9°R49	16°R18	7°R57	6♋24	0♎ 6	26°R24	W 1
T 2	21 4 14	14°34'56	28°39	5°29	20°12	0°57	19°39	22°14	27°10	9♓48	16♉16	7♋51	6°21	0°13	26♒21	T 2
F 3	21 8 11	15°32'47	10♎30	7°28	21°23	1°35	19°48	22°22	27°14	9°46	16°15	7°45	6°18	0°20	26°19	F 3
S 4	21 12 7	16°30'39	22°23	9°28	22°34	2°14	19°57	22°29	27°17	9°45	16°14	7°41	6°15	0°27	26°16	S 4
S 5	21 16 4	17°28'33	4♏19	11°27	23°46	2°52	20° 6	22°36	27°21	9°43	16°13	7°38	6°11	0°33	26°13	S 5
M 6	21 20 0	18°26'28	16°25	13°27	24°57	3°31	20°15	22°44	27°24	9°42	16°12	7°D37	6° 8	0°40	26°10	M 6
T 7	21 23 57	19°24'25	28°45	15°27	26° 8	4° 9	20°24	22°51	27°28	9°40	16°11	7°37	6° 5	0°47	26° 7	T 7
W 8	21 27 53	20°22'22	11♐23	17°26	27°19	4°47	20°33	22°58	27°31	9°39	16° 9	7°39	6° 2	0°53	26° 4	W 8
T 9	21 31 50	21°20'22	24°23	19°24	28°30	5°25	20°43	23° 5	27°35	9°37	16° 8	7°40	5°59	1° 0	26° 1	T 9
F 10	21 35 47	22°18'22	7♑50	21°22	29°41	6° 3	20°52	23°12	27°38	9°36	16° 7	7°R41	5°55	1° 7	25°58	F 10
S 11	21 39 43	23°16'25	21°44	23°18	0♎52	6°42	21° 2	23°19	27°42	9°34	16° 6	7°40	5°52	1°14	25°56	S 11
S 12	21 43 40	24°14'28	6♒ 5	25°14	2° 3	7°20	21°11	23°26	27°45	9°33	16° 5	7°37	5°49	1°20	25°53	S 12
M13	21 47 36	25°12'33	20°48	27° 9	3°14	7°57	21°21	23°33	27°49	9°31	16° 4	7°32	5°46	1°27	25°50	M13
T 14	21 51 33	26°10'40	5♓47	29° 3	4°25	8°35	21°31	23°40	27°52	9°29	16° 3	7°26	5°43	1°34	25°47	T 14
W15	21 55 29	27° 8'49	20°53	0♍55	5°35	9°13	21°41	23°47	27°55	9°28	16° 2	7°18	5°40	1°40	25°44	W15
T 16	21 59 26	28° 7'00	5♈56	2°47	6°46	9°51	21°51	23°54	27°59	9°26	16° 1	7°11	5°36	1°47	25°41	T 16
F 17	22 3 22	29° 5'12	20°46	4°37	7°57	10°29	22° 1	24° 1	28° 2	9°25	16° 0	7° 4	5°33	1°54	25°38	F 17
S 18	22 7 19	0♍ 3'27	5♉18	6°26	9° 7	11° 6	22°11	24° 8	28° 5	9°23	15°59	7° 0	5°30	2° 1	25°35	S 18
S 19	22 11 15	1° 1'44	19°27	8°14	10°18	11°44	22°21	24°15	28° 8	9°21	15°58	6°57	5°27	2° 7	25°33	S 19
M20	22 15 12	2° 0'03	3♊12	10° 1	11°28	12°21	22°32	24°21	28°12	9°20	15°57	6°D57	5°24	2°14	25°30	M20
T 21	22 19 9	2°58'24	16°34	11°47	12°38	12°59	22°42	24°28	28°15	9°18	15°57	6°57	5°21	2°21	25°27	T 21
W22	22 23 5	3°56'47	29°37	13°31	13°49	13°36	22°53	24°35	28°18	9°16	15°56	6°58	5°17	2°28	25°24	W22
T 23	22 27 2	4°55'13	12♋22	15°15	14°59	14°13	23° 4	24°41	28°21	9°15	15°55	6°R58	5°14	2°34	25°21	T 23
F 24	22 30 58	5°53'41	24°53	16°57	16° 9	14°50	23°14	24°48	28°24	9°13	15°54	6°57	5°11	2°41	25°18	F 24
S 25	22 34 55	6°52'11	7♌13	18°39	17°19	15°27	23°25	24°54	28°28	9°11	15°53	6°53	5° 8	2°48	25°15	S 25
S 26	22 38 51	7°50'42	19°25	20°19	18°29	16° 4	23°36	25° 0	28°31	9°10	15°53	6°46	5° 5	2°54	25°13	S 26
M27	22 42 48	8°49'16	1♍29	21°58	19°39	16°41	23°47	25° 7	28°34	9° 8	15°52	6°37	5° 1	3° 1	25°10	M27
T 28	22 46 44	9°47'52	13°29	23°36	20°49	17°18	23°58	25°13	28°37	9° 6	15°51	6°25	4°58	3° 8	25° 7	T 28
W29	22 50 41	10°46'30	25°23	25°13	21°59	17°55	24° 9	25°19	28°40	9° 5	15°50	6°13	4°55	3°15	25° 4	W29
T 30	22 54 38	11°45'09	7♎16	26°49	23° 9	18°32	24°21	25°26	28°43	9° 3	15°50	6° 1	4°52	3°21	25° 2	T 30
F 31	22 58 34	12♍43'51	19♎ 6	28♍24	24♎18	19♋ 8	24♎32	25♋32	28♋45	9♓ 1	15♉49	5♋49	4♋49	3♎28	24♒59	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n49	9n42	4n49	20n48	1n23	5n 8	0n50	24n 4	0n30	6s38	1n 7	21n55	0n11	21n22	0n32	9s 1	1s11	25s38	3s 5	23n19	23n25	4n39	6s58	6n11
T 2	16 33	5 13	5 6	20 26	1 29	4 38	0 47	24 4	0 31	6 42	1 7	21 54	0 11	21 22	0 32	9 1	1 11	25 38	3 5	23 20	23 25	4 36	6 59	6 11
F 3	16 16	0 34	5 10	20 0	1 34	4 7	0 44	24 5	0 31	6 45	1 7	21 53	0 11	21 21	0 32	9 2	1 11	25 38	3 5	23 20	23 25	4 33	7 0	6 11
S 4	15 58	4s 7	5 0	19 33	1 38	3 36	0 41	24 5	0 32	6 49	1 7	21 52	0 11	21 20	0 32	9 3	1 11	25 38	3 5	23 20	23 25	4 31	7 1	6 11
S 5	15 41	8 41	4 37	19 3	1 41	3 5	0 39	24 5	0 33	6 52	1 6	21 51	0 11	21 20	0 32	9 3	1 11	25 38	3 5	23 21	23 25	4 28	7 2	6 11
M 6	15 23	12 58	4 2	18 31	1 44	2 34	0 36	24 5	0 34	6 56	1 6	21 50	0 11	21 19	0 32	9 4	1 11	25 39	3 5	23 21	23 25	4 26	7 2	6 11
T 7	15 5	16 49	3 15	17 58	1 45	2 2	0 33	24 4	0 35	6 59	1 6	21 48	0 12	21 18	0 32	9 4	1 11	25 39	3 5	23 21	23 25	4 23	7 3	6 11
W 8	14 46	20 0	2 17	17 23	1 46	1 31	0 29	24 4	0 35	7 3	1 6	21 47	0 12	21 18	0 32	9 5	1 11	25 39	3 5	23 21	23 26	4 20	7 4	6 11
T 9	14 28	22 15	1 11	16 46	1 47	1 0	0 26	24 3	0 36	7 7	1 6	21 46	0 12	21 17	0 32	9 6	1 11	25 39	3 5	23 20	23 26	4 18	7 5	6 11
F 10	14 9	23 21	0s 1	16 8	1 46	0 29	0 23	24 2	0 37	7 11	1 5	21 45	0 12	21 16	0 32	9 6	1 11	25 39	3 6	23 20	23 26	4 15	7 6	6 11
S 11	13 50	23 2	1 15	15 29	1 45	0s 3	0 20	24 1	0 38	7 14	1 5	21 44	0 12	21 16	0 32	9 7	1 11	25 39	3 6	23 20	23 26	4 13	7 7	6 11
S 12	13 31	21 13	2 27	14 48	1 44	0 34	0 16	24 0	0 38	7 18	1 5	21 43	0 12	21 15	0 32	9 7	1 11	25 40	3 6	23 21	23 26	4 10	7 8	6 11
M13	13 11	17 58	3 31	14 7	1 42	1 5	0 13	23 58	0 39	7 22	1 5	21 42	0 12	21 14	0 32	9 8	1 11	25 40	3 6	23 21	23 26	4 7	7 9	6 11
T 14	12 51	13 29	4 21	13 25	1 39	1 37	0 10	23 57	0 40	7 26	1 5	21 41	0 12	21 14	0 32	9 9	1 11	25 40	3 6	23 21	23 26	4 5	7 10	6 11
W15	12 32	8 8	4 54	12 42	1 36	2 8	0 6	23 55	0 41	7 30	1 4	21 40	0 12	21 13	0 32	9 9	1 11	25 40	3 6	23 22	23 27	4 2	7 11	6 11
T 16	12 11	2 19	5 6	11 58	1 33	2 40	0 3	23 53	0 41	7 34	1 4	21 39	0 12	21 12	0 32	9 10	1 11	25 40	3 6	23 22	23 27	3 59	7 12	6 11
F 17	11 51	3n33	4 58	11 14	1 29	3 11	0s 1	23 51	0 42	7 38	1 4	21 37	0 13	21 12	0 32	9 11	1 11	25 40	3 6	23 22	23 27	3 57	7 13	6 11
S 18	11 31	9 7	4 30	10 30	1 24	3 42	0 4	23 49	0 43	7 42	1 4	21 36	0 13	21 11	0 33	9 11	1 11	25 40	3 6	23 23	23 27	3 54	7 14	6 11
S 19	11 10	14 3	3 47	9 45	1 20	4 13	0 8	23 46	0 44	7 46	1 4	21 35	0 13	21 10	0 33	9 12	1 11	25 41	3 6	23 23	23 27	3 52	7 15	6 11
M20	10 49	18 7	2 51	9 0	1 15	4 44	0 12	23 44	0 45	7 50	1 4	21 34	0 13	21 10	0 33	9 12	1 11	25 41	3 6	23 23	23 27	3 49	7 16	6 10
T 21	10 28	21 6	1 47	8 15	1 9	5 15	0 16	23 41	0 45	7 54	1 3	21 33	0 13	21 9	0 33	9 13	1 11	25 41	3 6	23 23	23 27	3 46	7 17	6 10
W22	10 7	22 54	0 39	7 29	1 4	5 46	0 19	23 38	0 46	7 58	1 3	21 32	0 13	21 8	0 33	9 14	1 11	25 41	3 6	23 23	23 27	3 44	7 18	6 10
T 23	9 45	23 28	0n29	6 44	0 58	6 17	0 23	23 35	0 47	8 2	1 3	21 31	0 13	21 8	0 33	9 14	1 11	25 41	3 6	23 23	23 28	3 41	7 19	6 10
F 24	9 24	22 49	1 34	5 58	0 52	6 48	0 27	23 32	0 48	8 6	1 3	21 30	0 13	21 7	0 33	9 15	1 11	25 41	3 6	23 23	23 28	3 38	7 20	6 10
S 25	9 2	21 3	2 34	5 13	0 45	7 18	0 31	23 28	0 49	8 10	1 3	21 29	0 13	21 7	0 33	9 16	1 11	25 41	3 6	23 23	23 28	3 36	7 21	6 10
S 26	8 40	18 20	3 26	4 27	0 39	7 49	0 35	23 25	0 49	8 15	1 3	21 28	0 13	21 6	0 33	9 16	1 11	25 41	3 6	23 23	23 28	3 33	7 22	6 10
M27	8 18	14 51	4 8	3 42	0 32	8 19	0 38	23 21	0 50	8 19	1 2	21 27	0 14	21 5	0 33	9 17	1 11	25 42	3 6	23 24	23 28	3 30	7 23	6 10
T 28	7 56	10 49	4 39	2 57	0 26	8 49	0 42	23 17	0 51	8 23	1 2	21 26	0 14	21 5	0 33	9 18	1 11	25 42	3 6	23 24	23 28	3 28	7 24	6 10
W29	7 34	6 22	4 57	2 12	0 19	9 19	0 46	23 13	0 52	8 27	1 2	21 25	0 14	21 4	0 33	9 18	1 11	25 42	3 6	23 25	23 28	3 25	7 26	6 9
T 30	7 11	1 43	5 2	1 27	0 12	9 49	0 50	23 9	0 53	8 32	1 2	21 24	0 14	21 4	0 33	9 19	1 11	25 42	3 6	23 26	23 28	3 23	7 27	6 9
F 31	6n49	2s59	4n54	0n43	0n 4	10s19	0s54	23n 4	0n53	8s36	1n 2	21n23	0n14	21n 3	0n33	9s19	1s11	25s42	3s 6	23n26	23n29	3n20	7s28	6n 9

Julian Day Number = 2098573.5, Delta T = 21m49s
Ecliptic obliquity = 23°33'51, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'11, Lahiri = 10°23'11 Julian Calendar 1 Aug. 1033 == Greg. Calendar 7 Aug. 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

SEPTEMBER 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 2 31	13♍42'34	0♏59	29♍58	25♎28	19♋45	24♎43	25♋38	28♋48	9°R 0	15°R48	5°R40	4♋46	3♎35	24°R56	S 1
S 2	23 6 27	14°41'19	12°55	1♎31	26°37	20°21	24°55	25°44	28°51	8♓58	15♑48	5♋33	4°42	3°41	24♒54	S 2
M 3	23 10 24	15°40'07	24°59	3° 3	27°47	20°58	25° 6	25°50	28°54	8°56	15°47	5°29	4°39	3°48	24°51	M 3
T 4	23 14 20	16°38'56	7♐15	4°34	28°56	21°34	25°18	25°55	28°57	8°55	15°47	5°27	4°36	3°55	24°48	T 4
W 5	23 18 17	17°37'46	19°48	6° 4	0♏ 5	22°10	25°29	26° 1	29° 0	8°53	15°46	5°D26	4°33	4° 2	24°46	W 5
T 6	23 22 13	18°36'39	2♑43	7°33	1°14	22°47	25°41	26° 7	29° 2	8°52	15°46	5°R27	4°30	4° 8	24°43	T 6
F 7	23 26 10	19°35'33	16° 3	9° 1	2°23	23°23	25°53	26°13	29° 5	8°50	15°45	5°26	4°27	4°15	24°41	F 7
S 8	23 30 7	20°34'29	29°53	10°29	3°32	23°59	26° 5	26°18	29° 8	8°48	15°45	5°24	4°23	4°22	24°38	S 8
S 9	23 34 3	21°33'27	14♒12	11°55	4°41	24°35	26°17	26°24	29°10	8°47	15°45	5°20	4°20	4°29	24°36	S 9
M10	23 38 0	22°32'27	28°58	13°20	5°50	25°10	26°28	26°29	29°13	8°45	15°44	5°13	4°17	4°35	24°33	M10
T 11	23 41 56	23°31'28	14♓ 6	14°44	6°58	25°46	26°40	26°35	29°15	8°44	15°44	5° 3	4°14	4°42	24°31	T 11
W12	23 45 53	24°30'32	29°25	16° 7	8° 7	26°22	26°53	26°40	29°18	8°42	15°43	4°52	4°11	4°49	24°28	W12
T 13	23 49 49	25°29'38	14♈44	17°29	9°15	26°57	27° 5	26°45	29°20	8°40	15°43	4°42	4° 7	4°55	24°26	T 13
F 14	23 53 46	26°28'46	29°52	18°50	10°24	27°33	27°17	26°50	29°23	8°39	15°43	4°32	4° 4	5° 2	24°24	F 14
S 15	23 57 42	27°27'56	14♉40	20° 9	11°32	28° 8	27°29	26°55	29°25	8°37	15°43	4°24	4° 1	5° 9	24°21	S 15
S 16	0 1 39	28°27'08	29° 1	21°28	12°40	28°43	27°41	27° 0	29°27	8°36	15°42	4°20	3°58	5°16	24°19	S 16
M17	0 5 36	29°26'23	12♊53	22°45	13°48	29°19	27°54	27° 5	29°30	8°34	15°42	4°17	3°55	5°22	24°17	M17
T 18	0 9 32	0♎25'41	26°18	24° 0	14°55	29°54	28° 6	27°10	29°32	8°33	15°42	4°17	3°52	5°29	24°15	T 18
W19	0 13 29	1°25'01	9♋18	25°15	16° 3	0♌29	28°18	27°15	29°34	8°31	15°42	4°17	3°48	5°36	24°13	W19
T 20	0 17 25	2°24'23	21°57	26°27	17°11	1° 4	28°31	27°20	29°36	8°30	15°42	4°16	3°45	5°43	24°11	T 20
F 21	0 21 22	3°23'47	4♌20	27°38	18°18	1°39	28°43	27°24	29°38	8°28	15°42	4°13	3°42	5°49	24° 8	F 21
S 22	0 25 18	4°23'14	16°31	28°48	19°25	2°13	28°56	27°29	29°40	8°27	15°42	4° 8	3°39	5°56	24° 6	S 22
S 23	0 29 15	5°22'43	28°33	29°55	20°32	2°48	29° 9	27°33	29°42	8°25	15°D42	4° 0	3°36	6° 3	24° 4	S 23
M24	0 33 11	6°22'15	10♍30	1♏ 0	21°39	3°23	29°21	27°38	29°44	8°24	15°42	3°49	3°32	6° 9	24° 3	M24
T 25	0 37 8	7°21'48	22°24	2° 3	22°46	3°57	29°34	27°42	29°46	8°22	15°42	3°36	3°29	6°16	24° 1	T 25
W26	0 41 4	8°21'24	4♎16	3° 3	23°53	4°31	29°47	27°46	29°48	8°21	15°42	3°21	3°26	6°23	23°59	W26
T 27	0 45 1	9°21'01	16° 8	4° 1	24°59	5° 6	29°59	27°50	29°50	8°20	15°42	3° 6	3°23	6°30	23°57	T 27
F 28	0 48 58	10°20'41	28° 1	4°55	26° 6	5°40	0♏12	27°54	29°52	8°18	15°42	2°53	3°20	6°36	23°55	F 28
S 29	0 52 54	11°20'23	9♏57	5°46	27°12	6°14	0°25	27°58	29°53	8°17	15°42	2°41	3°17	6°43	23°54	S 29
S 30	0 56 51	12♎20'06	21♏58	6♏34	28♏18	6♌48	0♏38	28♋ 2	29♋55	8♓16	15♑42	2♋32	3♋13	6♎50	23♒52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n26	7s36	4n33	0s 2	0s 3	10s48	0s58	23n 0	0n54	8s40	1n 2	21n22	0n14	21n 3	0n33	9s20	1s11	25s42	3s 6	23n27	23n29	3n17	7s29	6n 9
S 2	6 4	11 58	4 1	0 46	0 10	11 17	1 2	22 55	0 55	8 44	1 1	21 21	0 14	21 2	0 33	9 21	1 11	25 42	3 6	23 27	23 29	3 15	7 30	6 9
M 3	5 41	15 55	3 17	1 29	0 18	11 46	1 6	22 50	0 56	8 49	1 1	21 20	0 14	21 1	0 33	9 21	1 11	25 42	3 6	23 27	23 29	3 12	7 31	6 9
T 4	5 18	19 16	2 24	2 12	0 25	12 15	1 10	22 46	0 57	8 53	1 1	21 19	0 14	21 1	0 33	9 22	1 11	25 42	3 6	23 27	23 29	3 9	7 32	6 9
W 5	4 55	21 48	1 22	2 55	0 32	12 43	1 14	22 41	0 58	8 58	1 1	21 18	0 15	21 0	0 33	9 23	1 11	25 42	3 6	23 27	23 29	3 7	7 33	6 8
T 6	4 32	23 18	0 14	3 37	0 40	13 11	1 18	22 35	0 58	9 2	1 1	21 17	0 15	21 0	0 33	9 23	1 11	25 42	3 6	23 27	23 29	3 4	7 34	6 8
F 7	4 8	23 31	0s56	4 19	0 47	13 39	1 22	22 30	0 59	9 6	1 1	21 16	0 15	20 59	0 33	9 24	1 11	25 42	3 6	23 27	23 29	3 1	7 35	6 8
S 8	3 45	22 20	2 6	5 1	0 55	14 7	1 26	22 25	1 0	9 11	1 1	21 15	0 15	20 59	0 33	9 24	1 11	25 42	3 6	23 27	23 29	2 59	7 36	6 8
S 9	3 22	19 41	3 10	5 41	1 2	14 34	1 30	22 19	1 1	9 15	1 0	21 14	0 15	20 58	0 33	9 25	1 11	25 42	3 6	23 27	23 30	2 56	7 37	6 8
M10	2 58	15 41	4 3	6 22	1 10	15 1	1 34	22 13	1 2	9 20	1 0	21 13	0 15	20 58	0 33	9 26	1 11	25 43	3 6	23 28	23 30	2 53	7 38	6 7
T 11	2 35	10 36	4 41	7 1	1 17	15 28	1 38	22 8	1 3	9 24	1 0	21 12	0 15	20 57	0 33	9 26	1 11	25 43	3 6	23 28	23 30	2 50	7 39	6 7
W12	2 12	4 48	4 59	7 40	1 25	15 54	1 42	22 2	1 3	9 29	1 0	21 11	0 15	20 57	0 33	9 27	1 11	25 43	3 6	23 28	23 30	2 48	7 40	6 7
T 13	1 48	1n17	4 56	8 19	1 32	16 20	1 46	21 56	1 4	9 33	1 0	21 10	0 15	20 56	0 33	9 27	1 11	25 43	3 6	23 29	23 30	2 45	7 41	6 7
F 14	1 24	7 15	4 32	8 56	1 39	16 46	1 50	21 50	1 5	9 38	1 0	21 9	0 16	20 56	0 33	9 28	1 11	25 43	3 6	23 29	23 30	2 42	7 42	6 6
S 15	1 1	12 39	3 50	9 33	1 46	17 11	1 54	21 43	1 6	9 42	1 0	21 8	0 16	20 55	0 33	9 29	1 11	25 43	3 6	23 29	23 30	2 40	7 43	6 6
S 16	0 37	17 12	2 55	10 9	1 53	17 36	1 58	21 37	1 7	9 47	1 0	21 7	0 16	20 55	0 33	9 29	1 11	25 43	3 6	23 30	23 30	2 37	7 44	6 6
M17	0 13	20 38	1 50	10 45	2 0	18 0	2 2	21 30	1 8	9 51	0 59	21 7	0 16	20 54	0 33	9 30	1 11	25 43	3 6	23 30	23 30	2 34	7 45	6 6
T 18	0s10	22 49	0 42	11 19	2 7	18 24	2 6	21 24	1 9	9 56	0 59	21 6	0 16	20 54	0 33	9 30	1 11	25 43	3 6	23 30	23 30	2 32	7 46	6 5
W19	0 34	23 41	0n27	11 53	2 13	18 48	2 10	21 17	1 10	10 0	0 59	21 5	0 16	20 54	0 33	9 31	1 11	25 43	3 6	23 30	23 31	2 29	7 46	6 5
T 20	0 58	23 17	1 32	12 25	2 19	19 11	2 14	21 10	1 10	10 5	0 59	21 4	0 16	20 53	0 33	9 31	1 11	25 43	3 6	23 30	23 31	2 26	7 47	6 5
F 21	1 21	21 44	2 32	12 57	2 25	19 34	2 17	21 3	1 11	10 10	0 59	21 3	0 16	20 53	0 33	9 32	1 11	25 43	3 6	23 30	23 31	2 24	7 48	6 5
S 22	1 45	19 12	3 23	13 27	2 31	19 56	2 21	20 56	1 12	10 14	0 59	21 3	0 16	20 52	0 34	9 33	1 11	25 43	3 6	23 30	23 31	2 21	7 49	6 4
S 23	2 9	15 51	4 5	13 56	2 37	20 18	2 25	20 49	1 13	10 19	0 59	21 2	0 17	20 52	0 34	9 33	1 11	25 43	3 6	23 30	23 31	2 18	7 50	6 4
M24	2 33	11 54	4 35	14 24	2 42	20 39	2 28	20 42	1 14	10 23	0 59	21 1	0 17	20 52	0 34	9 34	1 11	25 43	3 6	23 31	23 31	2 16	7 51	6 4
T 25	2 56	7 31	4 54	14 51	2 47	21 0	2 32	20 35	1 15	10 28	0 59	21 0	0 17	20 51	0 34	9 34	1 11	25 43	3 6	23 31	23 31	2 13	7 52	6 4
W26	3 20	2 52	4 59	15 16	2 51	21 21	2 35	20 27	1 16	10 32	0 58	21 0	0 17	20 51	0 34	9 35	1 11	25 43	3 6	23 31	23 31	2 10	7 53	6 3
T 27	3 43	1s54	4 52	15 40	2 55	21 41	2 39	20 20	1 17	10 37	0 58	20 59	0 17	20 50	0 34	9 35	1 11	25 43	3 6	23 32	23 31	2 7	7 54	6 3
F 28	4 7	6 36	4 31	16 2	2 59	22 0	2 42	20 12	1 18	10 42	0 58	20 58	0 17	20 50	0 34	9 36	1 11	25 43	3 6	23 32	23 31	2 5	7 55	6 3
S 29	4 31	11 5	3 59	16 22	3 2	22 19	2 45	20 5	1 19	10 46	0 58	20 58	0 17	20 50	0 34	9 36	1 11	25 43	3 6	23 32	23 31	2 2	7 55	6 2
S 30	4s54	15s12	3n16	16s41	3s 4	22s37	2s49	19n57	1n19	10s51	0n58	20n57	0n17	20n49	0n34	9s37	1s11	25s43	3s 6	23n32	23n31	1n59	7s56	6n 2

Julian Day Number = 2098604.5, Delta T = 21m49s
Ecliptic obliquity = 23°33'52, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'15, Lahiri = 10°23'15 Julian Calendar 1 Sept. 1033 == Greg. Calendar 7 Sept. 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

OCTOBER 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 0 47	13♎19'52	4♐ 6	7♏17	29♏24	7♌21	0♏51	28♋ 5	29♋57	8°R14	15♉43	2°R27	3♋10	6♎56	23°R50	M 1
T 2	1 4 44	14°19'39	16°24	7°56	0♐29	7°55	1° 4	28° 9	29°58	8♓13	15°43	2♋24	3° 7	7° 3	23♒49	T 2
W 3	1 8 40	15°19'28	28°56	8°29	1°35	8°29	1°17	28°13	29°59	8°12	15°43	2°D23	3° 4	7°10	23°47	W 3
T 4	1 12 37	16°19'19	11♑47	8°58	2°40	9° 2	1°30	28°16	0♌ 1	8°11	15°44	2°R23	3° 1	7°17	23°46	T 4
F 5	1 16 33	17°19'12	25° 0	9°20	3°45	9°36	1°43	28°19	0° 3	8° 9	15°44	2°23	2°58	7°23	23°44	F 5
S 6	1 20 30	18°19'06	8♒39	9°36	4°50	10° 9	1°56	28°23	0° 4	8° 8	15°44	2°21	2°54	7°30	23°43	S 6
S 7	1 24 27	19°19'02	22°47	9°44	5°54	10°42	2° 9	28°26	0° 5	8° 7	15°45	2°17	2°51	7°37	23°42	S 7
M 8	1 28 23	20°19'00	7♓21	9°R44	6°59	11°15	2°22	28°29	0° 7	8° 6	15°45	2°11	2°48	7°44	23°41	M 8
T 9	1 32 20	21°18'59	22°20	9°37	8° 3	11°48	2°35	28°32	0° 8	8° 5	15°46	2° 2	2°45	7°50	23°39	T 9
W10	1 36 16	22°19'00	7♈34	9°20	9° 6	12°20	2°48	28°35	0° 9	8° 4	15°46	1°52	2°42	7°57	23°38	W10
T 11	1 40 13	23°19'03	22°53	8°54	10°10	12°53	3° 1	28°37	0°10	8° 3	15°47	1°42	2°38	8° 4	23°37	T 11
F 12	1 44 9	24°19'08	8♉ 6	8°18	11°13	13°25	3°14	28°40	0°11	8° 2	15°47	1°32	2°35	8°10	23°36	F 12
S 13	1 48 6	25°19'15	23° 2	7°33	12°16	13°58	3°28	28°42	0°12	8° 1	15°48	1°25	2°32	8°17	23°35	S 13
S 14	1 52 2	26°19'24	7♊34	6°39	13°19	14°30	3°41	28°45	0°13	8° 0	15°48	1°20	2°29	8°24	23°34	S 14
M15	1 55 59	27°19'35	21°37	5°37	14°21	15° 2	3°54	28°47	0°14	7°59	15°49	1°18	2°26	8°31	23°34	M15
T 16	1 59 56	28°19'48	5♋10	4°27	15°24	15°34	4° 7	28°49	0°15	7°58	15°49	1°D18	2°23	8°37	23°33	T 16
W17	2 3 52	29°20'03	18°16	3°12	16°25	16° 6	4°20	28°51	0°16	7°57	15°50	1°18	2°19	8°44	23°32	W17
T 18	2 7 49	0♏20'21	0♌58	1°54	17°27	16°38	4°34	28°53	0°17	7°56	15°51	1°R19	2°16	8°51	23°31	T 18
F 19	2 11 45	1°20'40	13°20	0°34	18°28	17° 9	4°47	28°55	0°17	7°55	15°52	1°18	2°13	8°58	23°31	F 19
S 20	2 15 42	2°21'01	25°29	29♎16	19°29	17°40	5° 0	28°57	0°18	7°54	15°52	1°15	2°10	9° 4	23°30	S 20
S 21	2 19 38	3°21'24	7♍28	28° 3	20°29	18°12	5°13	28°59	0°19	7°54	15°53	1°10	2° 7	9°11	23°30	S 21
M22	2 23 35	4°21'50	19°21	26°55	21°29	18°43	5°27	29° 0	0°19	7°53	15°54	1° 2	2° 3	9°18	23°29	M22
T 23	2 27 31	5°22'17	1♎12	25°56	22°29	19°14	5°40	29° 2	0°19	7°52	15°55	0°52	2° 0	9°24	23°29	T 23
W24	2 31 28	6°22'45	13° 4	25° 7	23°28	19°44	5°53	29° 3	0°20	7°51	15°56	0°41	1°57	9°31	23°28	W24
T 25	2 35 25	7°23'16	24°59	24°29	24°27	20°15	6° 7	29° 4	0°20	7°51	15°57	0°30	1°54	9°38	23°28	T 25
F 26	2 39 21	8°23'48	6♏57	24° 3	25°25	20°45	6°20	29° 6	0°21	7°50	15°58	0°20	1°51	9°45	23°28	F 26
S 27	2 43 18	9°24'22	19° 1	23°48	26°23	21°16	6°33	29° 7	0°21	7°50	15°58	0°11	1°48	9°51	23°28	S 27
S 28	2 47 14	10°24'58	1♐12	23°D45	27°21	21°46	6°46	29° 7	0°21	7°49	15°59	0° 5	1°44	9°58	23°28	S 28
M29	2 51 11	11°25'35	13°31	23°53	28°18	22°16	7° 0	29° 8	0°21	7°48	16° 0	0° 1	1°41	10° 5	23°D28	M29
T 30	2 55 7	12°26'13	26° 0	24°10	29°14	22°45	7°13	29° 9	0°21	7°48	16° 2	29°D59	1°38	10°11	23°28	T 30
W31	2 59 4	13♏26'53	8♑41	24♎38	0♑10	23♌15	7♏26	29♋ 9	0°R21	7♓47	16♑ 3	29♊59	1♋35	10♎18	23♒28	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s17	18s43	2n24	16s57	3s 6	22s55	2s52	19n49	1n20	10s55	0n58	20n56	0n18	20n49	0n34	9s37	1s11	25s43	3s 6	23n33	23n32	1n57	7s57	6n 2
T 2	5 41	21 29	1 24	17 11	3 7	23 13	2 55	19 42	1 21	11 0	0 58	20 56	0 18	20 49	0 34	9 38	1 11	25 43	3 6	23 33	23 32	1 54	7 58	6 1
W 3	6 4	23 15	0 18	17 22	3 8	23 29	2 58	19 34	1 22	11 5	0 58	20 55	0 18	20 49	0 34	9 38	1 11	25 43	3 6	23 33	23 32	1 51	7 59	6 1
T 4	6 27	23 52	0s50	17 31	3 7	23 46	3 1	19 26	1 23	11 9	0 58	20 55	0 18	20 48	0 34	9 38	1 11	25 43	3 6	23 33	23 32	1 48	7 59	6 1
F 5	6 50	23 9	1 57	17 36	3 6	24 1	3 4	19 18	1 24	11 14	0 58	20 54	0 18	20 48	0 34	9 39	1 11	25 42	3 6	23 33	23 32	1 46	8 0	6 0
S 6	7 13	21 5	3 0	17 39	3 3	24 16	3 7	19 10	1 25	11 18	0 57	20 53	0 18	20 48	0 34	9 39	1 11	25 42	3 6	23 33	23 32	1 43	8 1	6 0
S 7	7 36	17 40	3 54	17 38	2 59	24 31	3 9	19 1	1 26	11 23	0 57	20 53	0 18	20 47	0 34	9 40	1 11	25 42	3 6	23 33	23 32	1 40	8 2	6 0
M 8	7 59	13 5	4 34	17 33	2 54	24 45	3 12	18 53	1 27	11 28	0 57	20 52	0 18	20 47	0 34	9 40	1 11	25 42	3 6	23 33	23 32	1 38	8 2	5 59
T 9	8 21	7 37	4 58	17 24	2 47	24 58	3 15	18 45	1 28	11 32	0 57	20 52	0 19	20 47	0 34	9 41	1 11	25 42	3 6	23 33	23 32	1 35	8 3	5 59
W10	8 44	1 35	5 0	17 11	2 39	25 11	3 17	18 37	1 29	11 37	0 57	20 52	0 19	20 47	0 34	9 41	1 11	25 42	3 6	23 33	23 32	1 32	8 4	5 59
T 11	9 6	4n35	4 42	16 53	2 29	25 23	3 19	18 28	1 30	11 41	0 57	20 51	0 19	20 47	0 34	9 41	1 11	25 42	3 6	23 33	23 32	1 29	8 4	5 58
F 12	9 29	10 27	4 3	16 31	2 17	25 34	3 22	18 20	1 31	11 46	0 57	20 51	0 19	20 46	0 34	9 42	1 11	25 42	3 6	23 33	23 32	1 27	8 5	5 58
S 13	9 51	15 35	3 9	16 3	2 4	25 45	3 24	18 11	1 32	11 50	0 57	20 50	0 19	20 46	0 34	9 42	1 11	25 42	3 6	23 33	23 32	1 24	8 6	5 58
S 14	10 13	19 40	2 3	15 31	1 49	25 55	3 26	18 3	1 33	11 55	0 57	20 50	0 19	20 46	0 34	9 42	1 11	25 42	3 6	23 33	23 32	1 21	8 6	5 57
M15	10 35	22 27	0 51	14 54	1 32	26 5	3 28	17 54	1 34	12 0	0 57	20 50	0 19	20 46	0 34	9 43	1 11	25 42	3 6	23 33	23 33	1 18	8 7	5 57
T 16	10 56	23 48	0n21	14 14	1 14	26 14	3 29	17 46	1 35	12 4	0 57	20 49	0 20	20 46	0 34	9 43	1 11	25 42	3 6	23 33	23 33	1 16	8 8	5 57
W17	11 18	23 47	1 29	13 30	0 54	26 22	3 31	17 37	1 36	12 9	0 57	20 49	0 20	20 46	0 34	9 43	1 11	25 42	3 6	23 33	23 33	1 13	8 8	5 56
T 18	11 39	22 31	2 31	12 44	0 34	26 30	3 32	17 29	1 37	12 13	0 57	20 49	0 20	20 45	0 34	9 44	1 11	25 42	3 6	23 33	23 33	1 10	8 9	5 56
F 19	12 0	20 10	3 25	11 56	0 13	26 37	3 34	17 20	1 38	12 18	0 57	20 48	0 20	20 45	0 35	9 44	1 11	25 41	3 6	23 33	23 33	1 8	8 9	5 56
S 20	12 21	16 59	4 8	11 9	0n 7	26 43	3 35	17 11	1 39	12 22	0 56	20 48	0 20	20 45	0 35	9 44	1 11	25 41	3 6	23 34	23 33	1 5	8 10	5 55
S 21	12 42	13 8	4 39	10 24	0 28	26 49	3 36	17 3	1 40	12 27	0 56	20 48	0 20	20 45	0 35	9 45	1 10	25 41	3 6	23 34	23 33	1 2	8 10	5 55
M22	13 2	8 48	4 58	9 42	0 47	26 54	3 37	16 54	1 41	12 31	0 56	20 48	0 20	20 45	0 35	9 45	1 10	25 41	3 6	23 34	23 33	0 59	8 11	5 55
T 23	13 23	4 10	5 5	9 4	1 5	26 58	3 38	16 45	1 42	12 36	0 56	20 48	0 20	20 45	0 35	9 45	1 10	25 41	3 6	23 34	23 33	0 57	8 11	5 54
W24	13 43	0s37	4 58	8 31	1 21	27 2	3 38	16 36	1 43	12 40	0 56	20 47	0 21	20 45	0 35	9 45	1 10	25 41	3 6	23 34	23 33	0 54	8 12	5 54
T 25	14 3	5 25	4 38	8 4	1 35	27 6	3 39	16 28	1 44	12 45	0 56	20 47	0 21	20 45	0 35	9 45	1 10	25 41	3 6	23 34	23 33	0 51	8 12	5 53
F 26	14 23	10 2	4 5	7 42	1 48	27 8	3 39	16 19	1 46	12 49	0 56	20 47	0 21	20 45	0 35	9 46	1 10	25 41	3 6	23 34	23 33	0 48	8 13	5 53
S 27	14 42	14 20	3 22	7 27	1 58	27 10	3 39	16 10	1 47	12 53	0 56	20 47	0 21	20 45	0 35	9 46	1 10	25 41	3 6	23 34	23 33	0 46	8 13	5 53
S 28	15 1	18 5	2 29	7 18	2 7	27 12	3 39	16 1	1 48	12 58	0 56	20 47	0 21	20 45	0 35	9 46	1 10	25 41	3 6	23 34	23 33	0 43	8 13	5 52
M29	15 20	21 6	1 28	7 14	2 14	27 12	3 39	15 53	1 49	13 2	0 56	20 47	0 21	20 45	0 35	9 46	1 10	25 40	3 6	23 34	23 33	0 40	8 14	5 52
T 30	15 39	23 9	0 22	7 16	2 19	27 13	3 39	15 44	1 50	13 7	0 56	20 47	0 21	20 45	0 35	9 46	1 10	25 40	3 6	23 34	23 33	0 37	8 14	5 52
W31	15s57	24s 3	0s47	7s23	2n23	27s12	3s38	15n35	1n51	13s11	0n56	20n47	0n22	20n45	0n35	9s47	1s10	25s40	3s 6	23n34	23n33	0n35	8s14	5n51

Julian Day Number = 2098634.5, Delta T = 21m49s
Ecliptic obliquity = 23°33'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'19, Lahiri = 10°23'19 Julian Calendar 1 Oct. 1033 == Greg. Calendar 7 Oct. 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

NOVEMBER 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 3 0	14♏27'34	21♉37	25♎14	1♉ 6	23♌44	7♏40	29♋10	0°R21	7°R47	16♉ 4	0♋ 1	1♋32	10♎25	23♒28	T 1
F 2	3 6 57	15°28'16	4♒50	25°57	2° 0	24°13	7°53	29°10	0♌21	7♓47	16° 5	0° 2	1°29	10°32	23°28	F 2
S 3	3 10 54	16°29'00	18°24	26°47	2°54	24°42	8° 6	29°10	0°21	7°46	16° 6	0°R 3	1°25	10°38	23°28	S 3
S 4	3 14 50	17°29'44	2♓20	27°44	3°48	25°11	8°19	29°R11	0°21	7°46	16° 7	0° 2	1°22	10°45	23°29	S 4
M 5	3 18 47	18°30'29	16°38	28°45	4°41	25°40	8°32	29°11	0°20	7°46	16° 8	29♊59	1°19	10°52	23°29	M 5
T 6	3 22 43	19°31'16	1♈15	29°51	5°33	26° 8	8°46	29°10	0°20	7°45	16° 9	29°54	1°16	10°59	23°30	T 6
W 7	3 26 40	20°32'03	16° 8	1♏ 1	6°25	26°36	8°59	29°10	0°20	7°45	16°11	29°48	1°13	11° 5	23°30	W 7
T 8	3 30 36	21°32'51	1♉ 9	2°14	7°15	27° 4	9°12	29°10	0°19	7°45	16°12	29°42	1° 9	11°12	23°31	T 8
F 9	3 34 33	22°33'41	16° 8	3°30	8° 5	27°32	9°25	29° 9	0°19	7°45	16°13	29°37	1° 6	11°19	23°31	F 9
S 10	3 38 29	23°34'32	0♊56	4°48	8°54	28° 0	9°38	29° 9	0°18	7°45	16°14	29°33	1° 3	11°25	23°32	S 10
S 11	3 42 26	24°35'24	15°26	6° 9	9°43	28°27	9°51	29° 8	0°18	7°45	16°16	29°30	1° 0	11°32	23°33	S 11
M12	3 46 23	25°36'18	29°32	7°31	10°30	28°54	10° 4	29° 7	0°17	7°44	16°17	29°D29	0°57	11°39	23°34	M12
T 13	3 50 19	26°37'12	13♋11	8°55	11°17	29°21	10°17	29° 7	0°16	7°D44	16°19	29°30	0°54	11°46	23°34	T 13
W14	3 54 16	27°38'08	26°25	10°20	12° 2	29°48	10°30	29° 5	0°16	7°44	16°20	29°31	0°50	11°52	23°35	W14
T 15	3 58 12	28°39'06	9♌13	11°47	12°47	0♍14	10°43	29° 4	0°15	7°44	16°21	29°33	0°47	11°59	23°36	T 15
F 16	4 2 9	29°40'04	21°41	13°14	13°30	0°40	10°56	29° 3	0°14	7°45	16°23	29°34	0°44	12° 6	23°37	F 16
S 17	4 6 5	0♐41'04	3♍53	14°42	14°13	1° 6	11° 9	29° 2	0°13	7°45	16°24	29°R35	0°41	12°12	23°38	S 17
S 18	4 10 2	1°42'05	15°53	16°11	14°54	1°32	11°22	29° 0	0°12	7°45	16°26	29°34	0°38	12°19	23°40	S 18
M19	4 13 58	2°43'07	27°47	17°40	15°35	1°57	11°35	28°59	0°11	7°45	16°27	29°31	0°35	12°26	23°41	M19
T 20	4 17 55	3°44'10	9♎38	19°10	16°14	2°22	11°48	28°57	0°10	7°45	16°29	29°28	0°31	12°33	23°42	T 20
W21	4 21 52	4°45'14	21°30	20°40	16°51	2°47	12° 1	28°55	0° 9	7°45	16°30	29°24	0°28	12°39	23°43	W21
T 22	4 25 48	5°46'19	3♏28	22°10	17°28	3°12	12°13	28°53	0° 8	7°46	16°32	29°19	0°25	12°46	23°45	T 22
F 23	4 29 45	6°47'25	15°33	23°41	18° 3	3°36	12°26	28°51	0° 7	7°46	16°33	29°15	0°22	12°53	23°46	F 23
S 24	4 33 41	7°48'32	27°47	25°13	18°37	4° 0	12°39	28°49	0° 5	7°46	16°35	29°12	0°19	12°59	23°48	S 24
S 25	4 37 38	8°49'40	10♐12	26°44	19° 9	4°23	12°52	28°47	0° 4	7°47	16°36	29°10	0°15	13° 6	23°49	S 25
M26	4 41 34	9°50'49	22°48	28°16	19°40	4°47	13° 4	28°45	0° 3	7°47	16°38	29° 9	0°12	13°13	23°51	M26
T 27	4 45 31	10°51'58	5♑36	29°48	20° 9	5°10	13°17	28°42	0° 1	7°48	16°40	29°D 9	0° 9	13°20	23°52	T 27
W28	4 49 27	11°53'07	18°37	1♐20	20°37	5°33	13°29	28°40	29♋59	7°48	16°41	29° 9	0° 6	13°26	23°54	W28
T 29	4 53 24	12°54'17	1♒51	2°52	21° 2	5°55	13°42	28°37	29°58	7°49	16°43	29°11	0° 3	13°33	23°56	T 29
F 30	4 57 21	13♐55'27	15♒17	4♐25	21♑26	6♍17	13♏54	28♋35	29♋57	7♓49	16♉45	29♊12	29♊59	13♎40	23♒58	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s16	23s42	1s54	7s34	2n25	27s11	3s37	15n26	1n52	13s15	0n56	20n47	0n22	20n45	0n35	9s47	1s10	25s40	3s 6	23n34	23n33	0n32	8s15	5n51
F 2	16 34	22 1	2 57	7 49	2 26	27 9	3 37	15 18	1 53	13 20	0 56	20 47	0 22	20 45	0 35	9 47	1 10	25 40	3 6	23 34	23 33	0 29	8 15	5 50
S 3	16 51	19 4	3 52	8 7	2 25	27 7	3 35	15 9	1 54	13 24	0 56	20 47	0 22	20 45	0 35	9 47	1 10	25 40	3 6	23 34	23 33	0 26	8 15	5 50
S 4	17 8	14 58	4 34	8 29	2 24	27 5	3 34	15 0	1 56	13 28	0 56	20 47	0 22	20 45	0 35	9 47	1 10	25 40	3 6	23 34	23 33	0 23	8 15	5 50
M 5	17 26	9 56	5 1	8 53	2 22	27 1	3 32	14 52	1 57	13 33	0 56	20 48	0 22	20 45	0 35	9 47	1 10	25 39	3 6	23 34	23 33	0 21	8 16	5 49
T 6	17 42	4 14	5 10	9 19	2 19	26 57	3 31	14 43	1 58	13 37	0 56	20 48	0 22	20 45	0 35	9 47	1 10	25 39	3 6	23 34	23 34	0 18	8 16	5 49
W 7	17 59	1n48	4 57	9 47	2 15	26 53	3 29	14 35	1 59	13 41	0 56	20 48	0 23	20 46	0 35	9 47	1 10	25 39	3 6	23 34	23 34	0 15	8 16	5 49
T 8	18 15	7 48	4 25	10 16	2 11	26 48	3 26	14 26	2 0	13 45	0 56	20 48	0 23	20 46	0 35	9 47	1 10	25 39	3 6	23 34	23 34	0 12	8 16	5 48
F 9	18 30	13 20	3 34	10 46	2 6	26 43	3 24	14 18	2 2	13 50	0 56	20 48	0 23	20 46	0 35	9 47	1 10	25 39	3 6	23 34	23 34	0 10	8 16	5 48
S 10	18 46	18 1	2 29	11 18	2 1	26 37	3 21	14 9	2 3	13 54	0 56	20 49	0 23	20 46	0 35	9 47	1 10	25 39	3 6	23 34	23 34	0 7	8 17	5 47
S 11	19 1	21 30	1 16	11 50	1 55	26 30	3 18	14 1	2 4	13 58	0 56	20 49	0 23	20 46	0 35	9 47	1 10	25 39	3 6	23 34	23 34	0 4	8 17	5 47
M12	19 16	23 34	0n 0	12 23	1 49	26 23	3 15	13 52	2 5	14 2	0 56	20 49	0 23	20 46	0 35	9 47	1 10	25 38	3 6	23 34	23 34	0 1	8 17	5 47
T 13	19 30	24 8	1 14	12 55	1 43	26 16	3 12	13 44	2 6	14 6	0 56	20 50	0 23	20 46	0 35	9 47	1 10	25 38	3 6	23 34	23 34	0s 1	8 17	5 46
W14	19 44	23 18	2 22	13 29	1 36	26 8	3 8	13 36	2 8	14 10	0 56	20 50	0 24	20 47	0 36	9 47	1 10	25 38	3 6	23 34	23 34	0 4	8 17	5 46
T 15	19 58	21 15	3 20	14 2	1 29	26 0	3 4	13 28	2 9	14 14	0 56	20 50	0 24	20 47	0 36	9 47	1 10	25 38	3 6	23 34	23 34	0 7	8 17	5 46
F 16	20 11	18 15	4 8	14 35	1 23	25 51	2 59	13 19	2 10	14 18	0 56	20 51	0 24	20 47	0 36	9 47	1 10	25 38	3 6	23 34	23 34	0 10	8 17	5 45
S 17	20 24	14 31	4 43	15 8	1 16	25 42	2 55	13 11	2 12	14 22	0 56	20 51	0 24	20 47	0 36	9 47	1 10	25 38	3 6	23 34	23 34	0 13	8 17	5 45
S 18	20 37	10 16	5 5	15 40	1 9	25 32	2 50	13 3	2 13	14 26	0 56	20 51	0 24	20 48	0 36	9 47	1 10	25 37	3 6	23 34	23 34	0 15	8 17	5 44
M19	20 49	5 40	5 13	16 12	1 1	25 23	2 45	12 55	2 14	14 30	0 56	20 52	0 24	20 48	0 36	9 47	1 10	25 37	3 6	23 34	23 34	0 18	8 17	5 44
T 20	21 1	0 53	5 8	16 44	0 54	25 12	2 39	12 47	2 16	14 34	0 56	20 52	0 24	20 48	0 36	9 47	1 10	25 37	3 6	23 34	23 34	0 21	8 17	5 44
W21	21 12	3s56	4 51	17 15	0 47	25 2	2 33	12 40	2 17	14 38	0 56	20 53	0 25	20 48	0 36	9 47	1 10	25 37	3 6	23 34	23 34	0 24	8 17	5 43
T 22	21 23	8 40	4 20	17 46	0 40	24 51	2 27	12 32	2 18	14 42	0 56	20 53	0 25	20 49	0 36	9 47	1 10	25 37	3 6	23 34	23 34	0 26	8 17	5 43
F 23	21 33	13 7	3 37	18 16	0 33	24 40	2 21	12 24	2 20	14 46	0 56	20 54	0 25	20 49	0 36	9 46	1 10	25 37	3 6	23 34	23 34	0 29	8 16	5 43
S 24	21 44	17 6	2 44	18 45	0 25	24 28	2 14	12 17	2 21	14 50	0 56	20 55	0 25	20 49	0 36	9 46	1 9	25 36	3 6	23 34	23 34	0 32	8 16	5 42
S 25	21 53	20 24	1 43	19 14	0 18	24 17	2 7	12 9	2 22	14 54	0 56	20 55	0 25	20 50	0 36	9 46	1 9	25 36	3 6	23 34	23 34	0 35	8 16	5 42
M26	22 3	22 47	0 35	19 42	0 11	24 5	1 59	12 2	2 24	14 58	0 56	20 56	0 25	20 50	0 36	9 46	1 9	25 36	3 6	23 34	23 34	0 38	8 16	5 42
T 27	22 11	24 2	0s36	20 9	0 4	23 53	1 51	11 55	2 25	15 1	0 56	20 56	0 25	20 50	0 36	9 46	1 9	25 36	3 6	23 34	23 34	0 40	8 16	5 41
W28	22 20	24 0	1 46	20 35	0s 3	23 40	1 43	11 48	2 27	15 5	0 56	20 57	0 26	20 51	0 36	9 46	1 9	25 36	3 6	23 34	23 34	0 43	8 15	5 41
T 29	22 28	22 38	2 51	21 0	0 10	23 28	1 34	11 41	2 28	15 9	0 56	20 58	0 26	20 51	0 36	9 45	1 9	25 36	3 6	23 34	23 34	0 46	8 15	5 41
F 30	22s35	19s58	3s48	21s24	0s17	23s15	1s25	11n34	2n29	15s13	0n56	20n58	0n26	20n51	0n36	9s45	1s 9	25s35	3s 6	23n34	23n34	0s49	8s15	5n40

Julian Day Number = 2098665.5, Delta T = 21m48s
Ecliptic obliquity = 23°33'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'23, Lahiri = 10°23'24 Julian Calendar 1 Nov. 1033 == Greg. Calendar 7 Nov. 1033

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ASTRODIENST EPHEMERIS for the year 1033
geocentric

DECEMBER 1033 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 1 17	14♐56'38	28♒58	5♐57	21♑49	6♍39	14♏ 6	28°R32	29°R55	7♓50	16♑46	29♊13	29♊56	13♎47	24♒ 0	S 1
S 2	5 5 14	15°57'48	12♓52	7°30	22° 9	7° 0	14°19	28♋29	29♋54	7°50	16°48	29°R14	29°53	13°53	24° 1	S 2
M 3	5 9 10	16°58'58	26°59	9° 4	22°27	7°21	14°31	28°26	29°52	7°51	16°50	29°13	29°50	14° 0	24° 3	M 3
T 4	5 13 7	18° 0'09	11♈17	10°37	22°43	7°42	14°43	28°23	29°50	7°52	16°52	29°13	29°47	14° 7	24° 5	T 4
W 5	5 17 3	19° 1'19	25°44	12°10	22°57	8° 2	14°55	28°20	29°49	7°53	16°53	29°12	29°44	14°13	24° 8	W 5
T 6	5 21 0	20° 2'30	10♉16	13°44	23° 9	8°22	15° 7	28°17	29°47	7°53	16°55	29°10	29°41	14°20	24°10	T 6
F 7	5 24 56	21° 3'40	24°47	15°18	23°19	8°42	15°19	28°13	29°45	7°54	16°57	29° 9	29°37	14°27	24°12	F 7
S 8	5 28 53	22° 4'51	9♊11	16°52	23°26	9° 1	15°31	28°10	29°43	7°55	16°59	29° 9	29°34	14°34	24°14	S 8
S 9	5 32 50	23° 6'02	23°23	18°27	23°31	9°19	15°43	28° 6	29°41	7°56	17° 0	29°D 8	29°31	14°40	24°16	S 9
M10	5 36 46	24° 7'13	7♋18	20° 2	23°33	9°38	15°55	28° 3	29°39	7°57	17° 2	29° 8	29°28	14°47	24°19	M10
T 11	5 40 43	25° 8'24	20°53	21°37	23°R33	9°56	16° 7	27°59	29°37	7°58	17° 4	29° 9	29°25	14°54	24°21	T 11
W12	5 44 39	26° 9'35	4♌ 6	23°12	23°31	10°13	16°19	27°55	29°35	7°59	17° 6	29° 9	29°21	15° 0	24°23	W12
T 13	5 48 36	27°10'46	16°58	24°48	23°26	10°30	16°30	27°52	29°33	8° 0	17° 8	29° 9	29°18	15° 7	24°26	T 13
F 14	5 52 32	28°11'58	29°30	26°24	23°19	10°47	16°42	27°48	29°31	8° 1	17°10	29° 9	29°15	15°14	24°28	F 14
S 15	5 56 29	29°13'09	11♍46	28° 1	23° 9	11° 3	16°53	27°44	29°29	8° 2	17°11	29°R 9	29°12	15°21	24°31	S 15
S 16	6 0 26	0♑14'21	23°49	29°38	22°56	11°19	17° 5	27°40	29°27	8° 3	17°13	29° 9	29° 9	15°27	24°33	S 16
M17	6 4 22	1°15'33	5♎45	1♑15	22°41	11°34	17°16	27°36	29°25	8° 4	17°15	29°D 9	29° 6	15°34	24°36	M17
T 18	6 8 19	2°16'45	17°37	2°53	22°24	11°49	17°27	27°31	29°22	8° 5	17°17	29° 9	29° 2	15°41	24°39	T 18
W19	6 12 15	3°17'57	29°30	4°31	22° 4	12° 3	17°38	27°27	29°20	8° 6	17°19	29°10	28°59	15°47	24°41	W19
T 20	6 16 12	4°19'09	11♏29	6° 9	21°42	12°17	17°50	27°23	29°18	8° 7	17°21	29°10	28°56	15°54	24°44	T 20
F 21	6 20 8	5°20'21	23°38	7°48	21°18	12°30	18° 1	27°19	29°16	8° 9	17°23	29°11	28°53	16° 1	24°47	F 21
S 22	6 24 5	6°21'33	6♐ 0	9°27	20°52	12°43	18°12	27°14	29°13	8°10	17°25	29°12	28°50	16° 8	24°50	S 22
S 23	6 28 1	7°22'44	18°37	11° 7	20°23	12°55	18°22	27°10	29°11	8°11	17°27	29°12	28°47	16°14	24°53	S 23
M24	6 31 58	8°23'55	1♑31	12°48	19°53	13° 6	18°33	27° 5	29° 8	8°13	17°28	29°R12	28°43	16°21	24°56	M24
T 25	6 35 55	9°25'06	14°41	14°28	19°22	13°17	18°44	27° 1	29° 6	8°14	17°30	29°12	28°40	16°28	24°59	T 25
W26	6 39 51	10°26'17	28° 8	16° 9	18°49	13°28	18°54	26°56	29° 4	8°15	17°32	29°11	28°37	16°35	25° 2	W26
T 27	6 43 48	11°27'26	11♒49	17°51	18°14	13°38	19° 5	26°52	29° 1	8°17	17°34	29°10	28°34	16°41	25° 5	T 27
F 28	6 47 44	12°28'35	25°41	19°32	17°39	13°47	19°15	26°47	28°59	8°18	17°36	29° 8	28°31	16°48	25° 8	F 28
S 29	6 51 41	13°29'43	9♓42	21°15	17° 3	13°55	19°26	26°42	28°56	8°20	17°38	29° 6	28°27	16°55	25°11	S 29
S 30	6 55 37	14°30'50	23°49	22°57	16°26	14° 3	19°36	26°38	28°54	8°21	17°40	29° 4	28°24	17° 1	25°14	S 30
M31	6 59 34	15♑31'56	7♈59	24♑39	15♑49	14♍11	19♏46	26♋33	28♋51	8♓23	17♑42	29♊ 4	28♊21	17♎ 8	25♒17	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s43	16s10	4s34	21s48	0s23	23s 2	1s16	11n27	2n31	15s16	0n56	20n59	0n26	20n52	0n36	9s45	1s 9	25s35	3s 6	23n34	23n34	0s52	8s15	5n40
S 2	22 49	11 26	5 4	22 10	0 30	22 49	1 6	11 20	2 32	15 20	0 56	21 0	0 26	20 52	0 36	9 45	1 9	25 35	3 6	23 34	23 34	0 54	8 14	5 40
M 3	22 55	6 2	5 16	22 31	0 36	22 36	0 56	11 14	2 34	15 24	0 56	21 1	0 26	20 52	0 36	9 44	1 9	25 35	3 6	23 34	23 34	0 57	8 14	5 39
T 4	23 1	0 15	5 9	22 51	0 43	22 23	0 45	11 8	2 35	15 27	0 56	21 1	0 26	20 53	0 36	9 44	1 9	25 35	3 7	23 34	23 34	1 0	8 14	5 39
W 5	23 6	5n36	4 43	23 10	0 49	22 10	0 34	11 1	2 37	15 31	0 56	21 2	0 26	20 53	0 36	9 44	1 9	25 34	3 7	23 34	23 34	1 3	8 13	5 39
T 6	23 11	11 12	3 59	23 28	0 55	21 56	0 23	10 55	2 38	15 34	0 56	21 3	0 27	20 54	0 36	9 43	1 9	25 34	3 7	23 34	23 34	1 6	8 13	5 38
F 7	23 16	16 10	2 59	23 45	1 0	21 43	0 11	10 49	2 40	15 38	0 56	21 4	0 27	20 54	0 36	9 43	1 9	25 34	3 7	23 34	23 34	1 8	8 13	5 38
S 8	23 20	20 9	1 48	24 1	1 6	21 30	0n 1	10 43	2 41	15 41	0 56	21 5	0 27	20 54	0 36	9 43	1 9	25 34	3 7	23 34	23 34	1 11	8 12	5 38
S 9	23 23	22 52	0 32	24 15	1 12	21 17	0 14	10 38	2 43	15 45	0 56	21 5	0 27	20 55	0 36	9 42	1 9	25 34	3 7	23 34	23 34	1 14	8 12	5 37
M10	23 26	24 7	0n45	24 28	1 17	21 3	0 27	10 32	2 45	15 48	0 56	21 6	0 27	20 55	0 36	9 42	1 9	25 34	3 7	23 34	23 34	1 17	8 11	5 37
T 11	23 28	23 52	1 58	24 40	1 22	20 50	0 40	10 27	2 46	15 51	0 56	21 7	0 27	20 56	0 36	9 42	1 9	25 33	3 7	23 34	23 34	1 20	8 11	5 37
W12	23 30	22 17	3 2	24 50	1 27	20 37	0 54	10 22	2 48	15 55	0 56	21 8	0 27	20 56	0 36	9 41	1 9	25 33	3 7	23 34	23 34	1 22	8 10	5 36
T 13	23 32	19 34	3 55	24 59	1 31	20 24	1 8	10 17	2 49	15 58	0 56	21 9	0 28	20 57	0 36	9 41	1 9	25 33	3 7	23 34	23 34	1 25	8 10	5 36
F 14	23 33	16 0	4 36	25 7	1 36	20 11	1 22	10 12	2 51	16 1	0 56	21 10	0 28	20 57	0 36	9 40	1 9	25 33	3 7	23 34	23 34	1 28	8 9	5 36
S 15	23 34	11 51	5 3	25 13	1 40	19 58	1 37	10 7	2 53	16 4	0 56	21 11	0 28	20 58	0 37	9 40	1 9	25 33	3 7	23 34	23 34	1 31	8 9	5 35
S 16	23 34	7 18	5 16	25 18	1 44	19 46	1 52	10 3	2 54	16 8	0 56	21 12	0 28	20 58	0 37	9 40	1 9	25 32	3 7	23 34	23 34	1 34	8 8	5 35
M17	23 33	2 32	5 15	25 21	1 47	19 33	2 7	9 58	2 56	16 11	0 56	21 13	0 28	20 59	0 37	9 39	1 9	25 32	3 7	23 34	23 34	1 36	8 7	5 35
T 18	23 33	2s19	5 1	25 23	1 51	19 21	2 22	9 54	2 58	16 14	0 56	21 14	0 28	20 59	0 37	9 39	1 9	25 32	3 7	23 34	23 34	1 39	8 7	5 35
W19	23 31	7 5	4 34	25 23	1 54	19 9	2 38	9 50	2 59	16 17	0 56	21 15	0 28	21 0	0 37	9 38	1 9	25 32	3 7	23 34	23 34	1 42	8 6	5 34
T 20	23 30	11 38	3 55	25 22	1 56	18 57	2 53	9 46	3 1	16 20	0 56	21 15	0 29	21 0	0 37	9 38	1 9	25 32	3 7	23 34	23 34	1 45	8 6	5 34
F 21	23 27	15 48	3 5	25 19	1 59	18 46	3 9	9 43	3 3	16 23	0 56	21 16	0 29	21 1	0 37	9 37	1 9	25 31	3 7	23 34	23 34	1 48	8 5	5 34
S 22	23 25	19 22	2 5	25 14	2 1	18 34	3 24	9 40	3 4	16 26	0 56	21 17	0 29	21 1	0 37	9 37	1 9	25 31	3 7	23 34	23 34	1 50	8 4	5 34
S 23	23 21	22 6	0 58	25 8	2 3	18 23	3 40	9 37	3 6	16 29	0 56	21 18	0 29	21 2	0 37	9 36	1 9	25 31	3 7	23 34	23 34	1 53	8 4	5 33
M24	23 18	23 46	0s13	25 0	2 4	18 12	3 55	9 34	3 8	16 32	0 56	21 19	0 29	21 2	0 37	9 36	1 9	25 31	3 8	23 34	23 33	1 56	8 3	5 33
T 25	23 14	24 9	1 25	24 50	2 5	18 2	4 10	9 31	3 10	16 35	0 56	21 20	0 29	21 3	0 37	9 35	1 9	25 31	3 8	23 34	23 33	1 59	8 2	5 33
W26	23 9	23 9	2 33	24 39	2 5	17 52	4 25	9 29	3 11	16 38	0 57	21 21	0 29	21 3	0 37	9 35	1 9	25 31	3 8	23 34	23 33	2 2	8 1	5 32
T 27	23 4	20 46	3 34	24 26	2 5	17 42	4 39	9 26	3 13	16 41	0 57	21 22	0 29	21 4	0 37	9 34	1 9	25 30	3 8	23 34	23 33	2 5	8 1	5 32
F 28	22 59	17 9	4 24	24 12	2 5	17 33	4 53	9 24	3 15	16 43	0 57	21 24	0 30	21 4	0 37	9 33	1 9	25 30	3 8	23 34	23 33	2 7	8 0	5 32
S 29	22 53	12 34	4 58	23 55	2 4	17 24	5 7	9 23	3 17	16 46	0 57	21 25	0 30	21 5	0 37	9 33	1 8	25 30	3 8	23 34	23 33	2 10	7 59	5 32
S 30	22 46	7 17	5 14	23 37	2 3	17 15	5 20	9 21	3 19	16 49	0 57	21 26	0 30	21 5	0 37	9 32	1 8	25 30	3 8	23 34	23 33	2 13	7 58	5 32
M31	22s39	1s36	5s12	23s17	2s 1	17s 7	5n32	9n20	3n20	16s51	0n57	21n27	0n30	21n 6	0n37	9s32	1s 8	25s30	3s 8	23n34	23n33	2s16	7s57	5n31

Julian Day Number = 2098695.5, Delta T = 21m48s
Ecliptic obliquity = 23°33'52, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'27, Lahiri = 10°23'28 Julian Calendar 1 Dec. 1033 == Greg. Calendar 7 Dec. 1033

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

JANUARY 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 3 30	16♉33'01	22♈10	26♉22	15°R12	14♍18	19♏56	26°R28	28°R49	8♓24	17♑44	29°D 4	28♊18	17♎15	25♒20	T 1
W 2	7 7 27	17°34'05	6♉19	28° 5	14♉35	14°24	20° 6	26♋23	28♋46	8°26	17°46	29♊ 4	28°15	17°22	25°23	W 2
T 3	7 11 24	18°35'08	20°26	29°47	13°59	14°29	20°16	26°18	28°44	8°27	17°48	29° 6	28°12	17°28	25°27	T 3
F 4	7 15 20	19°36'10	4♊27	1♒30	13°24	14°34	20°25	26°13	28°41	8°29	17°50	29° 7	28° 8	17°35	25°30	F 4
S 5	7 19 17	20°37'11	18°21	3°12	12°49	14°38	20°35	26° 9	28°38	8°31	17°52	29° 8	28° 5	17°42	25°33	S 5
S 6	7 23 13	21°38'10	2♋ 5	4°53	12°16	14°41	20°44	26° 4	28°36	8°32	17°54	29°R 8	28° 2	17°48	25°37	S 6
M 7	7 27 10	22°39'09	15°37	6°33	11°44	14°44	20°54	25°59	28°33	8°34	17°56	29° 8	27°59	17°55	25°40	M 7
T 8	7 31 6	23°40'07	28°56	8°13	11°14	14°46	21° 3	25°54	28°31	8°36	17°58	29° 5	27°56	18° 2	25°44	T 8
W 9	7 35 3	24°41'03	11♌58	9°50	10°45	14°47	21°12	25°49	28°28	8°37	17°59	29° 2	27°53	18° 9	25°47	W 9
T 10	7 39 0	25°41'59	24°45	11°26	10°19	14°R48	21°21	25°44	28°25	8°39	18° 1	28°58	27°49	18°15	25°50	T 10
F 11	7 42 56	26°42'54	7♍15	13° 0	9°55	14°48	21°30	25°39	28°23	8°41	18° 3	28°53	27°46	18°22	25°54	F 11
S 12	7 46 53	27°43'48	19°31	14°31	9°32	14°47	21°39	25°34	28°20	8°43	18° 5	28°48	27°43	18°29	25°57	S 12
S 13	7 50 49	28°44'40	1♎36	15°58	9°13	14°45	21°47	25°29	28°18	8°45	18° 7	28°44	27°40	18°35	26° 1	S 13
M14	7 54 46	29°45'32	13°32	17°22	8°55	14°42	21°56	25°24	28°15	8°47	18° 9	28°41	27°37	18°42	26° 4	M14
T 15	7 58 42	0♒46'23	25°23	18°40	8°40	14°39	22° 4	25°20	28°12	8°48	18°11	28°40	27°33	18°49	26° 8	T 15
W16	8 2 39	1°47'13	7♏16	19°54	8°28	14°35	22°13	25°15	28°10	8°50	18°13	28°D40	27°30	18°56	26°12	W16
T 17	8 6 35	2°48'02	19°14	21° 1	8°18	14°30	22°21	25°10	28° 7	8°52	18°15	28°41	27°27	19° 2	26°15	T 17
F 18	8 10 32	3°48'50	1♐23	22° 2	8°10	14°25	22°29	25° 5	28° 4	8°54	18°17	28°43	27°24	19° 9	26°19	F 18
S 19	8 14 28	4°49'37	13°47	22°55	8° 5	14°18	22°37	25° 0	28° 2	8°56	18°19	28°44	27°21	19°16	26°23	S 19
S 20	8 18 25	5°50'23	26°30	23°39	8° 3	14°11	22°44	24°55	27°59	8°58	18°20	28°R45	27°18	19°22	26°26	S 20
M21	8 22 22	6°51'08	9♑35	24°15	8°D 3	14° 3	22°52	24°51	27°57	9° 0	18°22	28°45	27°14	19°29	26°30	M21
T 22	8 26 18	7°51'51	23° 2	24°41	8° 5	13°54	23° 0	24°46	27°54	9° 2	18°24	28°42	27°11	19°36	26°34	T 22
W23	8 30 15	8°52'33	6♒52	24°56	8°10	13°45	23° 7	24°41	27°52	9° 4	18°26	28°38	27° 8	19°43	26°37	W23
T 24	8 34 11	9°53'14	21° 0	25°R 1	8°17	13°34	23°14	24°36	27°49	9° 6	18°28	28°32	27° 5	19°49	26°41	T 24
F 25	8 38 8	10°53'53	5♓23	24°56	8°26	13°23	23°21	24°32	27°46	9° 8	18°30	28°25	27° 2	19°56	26°45	F 25
S 26	8 42 4	11°54'30	19°53	24°40	8°37	13°11	23°28	24°27	27°44	9°10	18°31	28°18	26°59	20° 3	26°49	S 26
S 27	8 46 1	12°55'05	4♈24	24°14	8°51	12°58	23°35	24°23	27°41	9°12	18°33	28°12	26°55	20° 9	26°52	S 27
M28	8 49 57	13°55'39	18°51	23°39	9° 6	12°45	23°42	24°18	27°39	9°14	18°35	28° 7	26°52	20°16	26°56	M28
T 29	8 53 54	14°56'11	3♉ 9	22°55	9°24	12°31	23°48	24°14	27°36	9°16	18°37	28° 5	26°49	20°23	27° 0	T 29
W30	8 57 51	15°56'41	17°16	22° 3	9°44	12°16	23°54	24° 9	27°34	9°19	18°39	28°D 4	26°46	20°30	27° 4	W30
T 31	9 1 47	16♒57'09	1♊10	21♒ 5	10♑ 5	12♍ 0	24♏ 1	24♋ 5	27♋32	9♓21	18♑40	28♊ 5	26♊43	20♎36	27♒ 8	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s32	4n11	4s51	22s55	1s58	17s 0	5n44	9n19	3n22	16s54	0n57	21n28	0n30	21n 6	0n37	9s31	1s 8	25s29	3s 8	23n34	23n33	2s19	7s57	5n31
W 2	22 24	9 44	4 12	22 32	1 55	16 53	5 55	9 18	3 24	16 57	0 57	21 29	0 30	21 7	0 37	9 30	1 8	25 29	3 8	23 34	23 33	2 21	7 56	5 31
T 3	22 16	14 46	3 18	22 7	1 51	16 46	6 5	9 18	3 26	16 59	0 57	21 30	0 30	21 7	0 37	9 30	1 8	25 29	3 8	23 34	23 33	2 24	7 55	5 31
F 4	22 7	18 59	2 12	21 40	1 47	16 40	6 15	9 18	3 28	17 2	0 57	21 31	0 30	21 8	0 37	9 29	1 8	25 29	3 8	23 34	23 33	2 27	7 54	5 30
S 5	21 58	22 4	0 59	21 12	1 42	16 35	6 24	9 18	3 29	17 4	0 57	21 32	0 30	21 9	0 37	9 29	1 8	25 29	3 8	23 34	23 33	2 30	7 53	5 30
S 6	21 49	23 49	0n16	20 42	1 36	16 30	6 32	9 18	3 31	17 7	0 57	21 33	0 31	21 9	0 37	9 28	1 8	25 29	3 9	23 34	23 33	2 33	7 52	5 30
M 7	21 39	24 8	1 29	20 10	1 30	16 25	6 39	9 19	3 33	17 9	0 57	21 34	0 31	21 10	0 37	9 27	1 8	25 28	3 9	23 34	23 33	2 36	7 51	5 30
T 8	21 29	23 2	2 36	19 38	1 22	16 22	6 45	9 20	3 35	17 11	0 57	21 35	0 31	21 10	0 37	9 27	1 8	25 28	3 9	23 34	23 33	2 38	7 50	5 30
W 9	21 18	20 43	3 34	19 4	1 14	16 18	6 50	9 21	3 37	17 14	0 57	21 36	0 31	21 11	0 37	9 26	1 8	25 28	3 9	23 34	23 33	2 41	7 49	5 29
T 10	21 7	17 24	4 19	18 29	1 5	16 16	6 55	9 22	3 38	17 16	0 58	21 37	0 31	21 11	0 37	9 25	1 8	25 28	3 9	23 34	23 33	2 44	7 48	5 29
F 11	20 55	13 23	4 51	17 53	0 56	16 14	6 59	9 24	3 40	17 18	0 58	21 38	0 31	21 12	0 37	9 25	1 8	25 28	3 9	23 34	23 33	2 47	7 47	5 29
S 12	20 43	8 54	5 9	17 17	0 45	16 12	7 2	9 26	3 42	17 21	0 58	21 39	0 31	21 12	0 37	9 24	1 8	25 27	3 9	23 34	23 33	2 50	7 46	5 29
S 13	20 31	4 8	5 12	16 40	0 34	16 11	7 4	9 28	3 44	17 23	0 58	21 40	0 31	21 13	0 37	9 23	1 8	25 27	3 9	23 34	23 33	2 53	7 45	5 29
M14	20 18	0s43	5 2	16 3	0 21	16 11	7 6	9 31	3 45	17 25	0 58	21 41	0 31	21 13	0 37	9 22	1 8	25 27	3 9	23 33	23 33	2 55	7 44	5 29
T 15	20 5	5 32	4 39	15 26	0 8	16 11	7 7	9 34	3 47	17 27	0 58	21 42	0 32	21 14	0 37	9 22	1 8	25 27	3 9	23 33	23 33	2 58	7 43	5 28
W16	19 52	10 9	4 5	14 50	0n 5	16 11	7 7	9 37	3 49	17 29	0 58	21 43	0 32	21 14	0 37	9 21	1 8	25 27	3 10	23 33	23 32	3 1	7 42	5 28
T 17	19 38	14 26	3 19	14 15	0 20	16 12	7 7	9 40	3 51	17 31	0 58	21 44	0 32	21 15	0 37	9 20	1 8	25 27	3 10	23 33	23 32	3 4	7 41	5 28
F 18	19 24	18 12	2 24	13 41	0 35	16 13	7 6	9 44	3 52	17 33	0 58	21 45	0 32	21 16	0 37	9 20	1 8	25 27	3 10	23 33	23 32	3 7	7 40	5 28
S 19	19 9	21 14	1 21	13 9	0 51	16 15	7 5	9 48	3 54	17 35	0 58	21 46	0 32	21 16	0 37	9 19	1 8	25 26	3 10	23 34	23 32	3 10	7 39	5 28
S 20	18 55	23 19	0 12	12 39	1 7	16 17	7 3	9 52	3 56	17 37	0 58	21 47	0 32	21 17	0 37	9 18	1 8	25 26	3 10	23 34	23 32	3 12	7 38	5 28
M21	18 39	24 11	0s59	12 11	1 24	16 20	7 0	9 57	3 57	17 39	0 58	21 48	0 32	21 17	0 37	9 17	1 8	25 26	3 10	23 34	23 32	3 15	7 37	5 27
T 22	18 24	23 41	2 8	11 47	1 41	16 23	6 57	10 2	3 59	17 40	0 59	21 49	0 32	21 18	0 37	9 16	1 8	25 26	3 10	23 33	23 32	3 18	7 36	5 27
W23	18 8	21 45	3 12	11 26	1 57	16 26	6 54	10 7	4 0	17 42	0 59	21 50	0 32	21 18	0 37	9 16	1 8	25 26	3 10	23 33	23 32	3 21	7 35	5 27
T 24	17 52	18 26	4 5	11 9	2 14	16 29	6 50	10 12	4 2	17 44	0 59	21 51	0 32	21 19	0 37	9 15	1 8	25 26	3 10	23 33	23 32	3 24	7 33	5 27
F 25	17 35	13 59	4 44	10 56	2 30	16 32	6 46	10 18	4 3	17 46	0 59	21 52	0 32	21 19	0 37	9 14	1 8	25 25	3 11	23 33	23 32	3 27	7 32	5 27
S 26	17 19	8 42	5 5	10 47	2 45	16 36	6 42	10 24	4 4	17 47	0 59	21 52	0 33	21 20	0 37	9 13	1 8	25 25	3 11	23 33	23 32	3 29	7 31	5 27
S 27	17 1	2 56	5 7	10 42	2 59	16 40	6 37	10 30	4 6	17 49	0 59	21 53	0 33	21 20	0 37	9 13	1 8	25 25	3 11	23 33	23 32	3 32	7 30	5 27
M28	16 44	2n58	4 49	10 42	3 11	16 44	6 32	10 36	4 7	17 50	0 59	21 54	0 33	21 21	0 37	9 12	1 8	25 25	3 11	23 33	23 32	3 35	7 29	5 27
T 29	16 26	8 40	4 13	10 46	3 22	16 48	6 27	10 43	4 8	17 52	0 59	21 55	0 33	21 21	0 37	9 11	1 8	25 25	3 11	23 33	23 32	3 38	7 28	5 27
W30	16 8	13 51	3 22	10 54	3 32	16 52	6 21	10 50	4 9	17 53	0 59	21 56	0 33	21 22	0 37	9 10	1 8	25 25	3 11	23 33	23 31	3 41	7 26	5 26
T 31	15s50	18n13	2s20	11s 5	3n39	16s56	6n15	10n57	4n10	17s55	0n59	21n57	0n33	21n22	0n37	9s 9	1s 8	25s25	3s11	23n33	23n31	3s44	7s25	5n26

Julian Day Number = 2098726.5, Delta T = 21m47s
Ecliptic obliquity = 23°33'52, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'32, Lahiri = 10°23'32 Julian Calendar 1 Jan. 1034 == Greg. Calendar 7 Jan. 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

FEBRUARY 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 5 44	17♒57'35	14♊52	20°R 3	10♑28	11°R44	24♏ 7	24°R 1	27°R29	9♓23	18♑42	28♊ 6	26♊39	20♎43	27♒11	F 1
S 2	9 9 40	18°57'59	28°22	18♒58	10°54	11♍27	24°12	23♋57	27♋27	9°25	18°44	28°R 7	26°36	20°50	27°15	S 2
S 3	9 13 37	19°58'21	11♋40	17°52	11°20	11° 9	24°18	23°52	27°24	9°27	18°46	28° 6	26°33	20°56	27°19	S 3
M 4	9 17 33	20°58'41	24°47	16°46	11°49	10°51	24°24	23°48	27°22	9°29	18°47	28° 2	26°30	21° 3	27°23	M 4
T 5	9 21 30	21°58'59	7♌43	15°43	12°19	10°32	24°29	23°44	27°20	9°32	18°49	27°57	26°27	21°10	27°27	T 5
W 6	9 25 27	22°59'16	20°28	14°43	12°50	10°13	24°34	23°40	27°17	9°34	18°51	27°49	26°24	21°17	27°31	W 6
T 7	9 29 23	23°59'30	3♍ 1	13°47	13°23	9°53	24°39	23°36	27°15	9°36	18°52	27°39	26°20	21°23	27°35	T 7
F 8	9 33 20	24°59'43	15°23	12°57	13°57	9°33	24°44	23°33	27°13	9°38	18°54	27°27	26°17	21°30	27°38	F 8
S 9	9 37 16	25°59'54	27°34	12°13	14°33	9°12	24°49	23°29	27°11	9°40	18°56	27°16	26°14	21°37	27°42	S 9
S 10	9 41 13	27° 0'03	9♎35	11°35	15°10	8°50	24°54	23°25	27° 8	9°43	18°57	27° 6	26°11	21°43	27°46	S 10
M11	9 45 9	28° 0'11	21°30	11° 5	15°48	8°29	24°58	23°21	27° 6	9°45	18°59	26°58	26° 8	21°50	27°50	M11
T 12	9 49 6	29° 0'17	3♏21	10°41	16°28	8° 6	25° 2	23°18	27° 4	9°47	19° 0	26°52	26° 5	21°57	27°54	T 12
W13	9 53 2	0♓ 0'21	15°12	10°25	17° 8	7°44	25° 6	23°14	27° 2	9°49	19° 2	26°49	26° 1	22° 3	27°58	W13
T 14	9 56 59	1° 0'24	27° 8	10°15	17°50	7°21	25°10	23°11	27° 0	9°52	19° 3	26°D47	25°58	22°10	28° 2	T 14
F 15	10 0 55	2° 0'25	9♐13	10°D12	18°33	6°58	25°14	23° 8	26°58	9°54	19° 5	26°47	25°55	22°17	28° 6	F 15
S 16	10 4 52	3° 0'25	21°35	10°15	19°17	6°35	25°18	23° 5	26°56	9°56	19° 6	26°R48	25°52	22°24	28° 9	S 16
S 17	10 8 49	4° 0'22	4♑17	10°24	20° 1	6°11	25°21	23° 2	26°54	9°58	19° 8	26°48	25°49	22°30	28°13	S 17
M18	10 12 45	5° 0'19	17°23	10°39	20°47	5°48	25°24	22°59	26°52	10° 1	19° 9	26°46	25°45	22°37	28°17	M18
T 19	10 16 42	6° 0'13	0♒57	10°59	21°34	5°24	25°27	22°56	26°50	10° 3	19°11	26°42	25°42	22°44	28°21	T 19
W20	10 20 38	7° 0'05	14°58	11°25	22°21	5° 1	25°30	22°53	26°49	10° 5	19°12	26°35	25°39	22°50	28°25	W20
T 21	10 24 35	7°59'56	29°25	11°55	23° 9	4°37	25°33	22°50	26°47	10° 7	19°14	26°26	25°36	22°57	28°29	T 21
F 22	10 28 31	8°59'44	14♓10	12°30	23°58	4°13	25°35	22°47	26°45	10°10	19°15	26°15	25°33	23° 4	28°32	F 22
S 23	10 32 28	9°59'31	29° 7	13° 8	24°48	3°50	25°37	22°45	26°43	10°12	19°16	26° 4	25°30	23°11	28°36	S 23
S 24	10 36 24	10°59'15	14♈ 5	13°51	25°38	3°27	25°39	22°42	26°42	10°14	19°18	25°54	25°26	23°17	28°40	S 24
M25	10 40 21	11°58'57	28°56	14°37	26°30	3° 3	25°41	22°40	26°40	10°16	19°19	25°46	25°23	23°24	28°44	M25
T 26	10 44 18	12°58'37	13♉32	15°27	27°22	2°41	25°43	22°38	26°38	10°19	19°20	25°40	25°20	23°31	28°48	T 26
W27	10 48 14	13°58'15	27°49	16°20	28°14	2°18	25°45	22°36	26°37	10°21	19°22	25°38	25°17	23°37	28°51	W27
T 28	10 52 11	14♓57'50	11♊45	17♒16	29♑ 7	1♍56	25♏46	22♋33	26♋35	10♓23	19♑23	25°D37	25♊14	23♎44	28♒55	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s32	21n32	1s11	11s20	3n44	17s 1	6n10	11n 4	4n11	17s56	0n59	21n58	0n33	21n23	0n37	9s 9	1s 8	25s25	3s11	23n33	23n31	3s46	7s24	5n26
S 2	15 13	23 35	0n 1	11 38	3 46	17 5	6 3	11 11	4 12	17 58	1 0	21 58	0 33	21 23	0 37	9 8	1 8	25 24	3 11	23 33	23 31	3 49	7 23	5 26
S 3	14 54	24 15	1 12	11 57	3 47	17 9	5 57	11 19	4 13	17 59	1 0	21 59	0 33	21 24	0 37	9 7	1 8	25 24	3 12	23 33	23 31	3 52	7 21	5 26
M 4	14 35	23 33	2 18	12 19	3 45	17 13	5 51	11 27	4 14	18 0	1 0	22 0	0 33	21 24	0 37	9 6	1 8	25 24	3 12	23 33	23 31	3 55	7 20	5 26
T 5	14 15	21 35	3 16	12 41	3 41	17 17	5 44	11 35	4 15	18 1	1 0	22 1	0 33	21 24	0 37	9 5	1 8	25 24	3 12	23 33	23 31	3 58	7 19	5 26
W 6	13 56	18 34	4 3	13 5	3 35	17 20	5 38	11 43	4 15	18 3	1 0	22 2	0 33	21 25	0 37	9 4	1 8	25 24	3 12	23 33	23 31	4 1	7 18	5 26
T 7	13 36	14 45	4 37	13 28	3 27	17 24	5 31	11 51	4 16	18 4	1 0	22 2	0 33	21 25	0 37	9 4	1 8	25 24	3 12	23 33	23 31	4 4	7 16	5 26
F 8	13 15	10 21	4 57	13 51	3 18	17 27	5 24	11 59	4 16	18 5	1 0	22 3	0 34	21 26	0 37	9 3	1 8	25 24	3 12	23 32	23 31	4 6	7 15	5 26
S 9	12 55	5 37	5 4	14 13	3 8	17 31	5 17	12 7	4 17	18 6	1 0	22 4	0 34	21 26	0 37	9 2	1 8	25 24	3 12	23 32	23 31	4 9	7 14	5 26
S 10	12 35	0 44	4 57	14 34	2 56	17 34	5 10	12 16	4 17	18 7	1 0	22 5	0 34	21 27	0 37	9 1	1 8	25 24	3 13	23 32	23 31	4 12	7 13	5 26
M11	12 14	4s 9	4 37	14 54	2 44	17 36	5 3	12 24	4 17	18 8	1 1	22 5	0 34	21 27	0 37	9 0	1 8	25 24	3 13	23 32	23 30	4 15	7 11	5 26
T 12	11 53	8 51	4 5	15 13	2 31	17 39	4 56	12 32	4 17	18 9	1 1	22 6	0 34	21 27	0 37	8 59	1 8	25 23	3 13	23 32	23 30	4 18	7 10	5 26
W13	11 32	13 15	3 23	15 31	2 18	17 41	4 49	12 41	4 17	18 10	1 1	22 7	0 34	21 28	0 37	8 58	1 8	25 23	3 13	23 32	23 30	4 21	7 9	5 26
T 14	11 10	17 10	2 31	15 46	2 4	17 43	4 42	12 49	4 17	18 10	1 1	22 7	0 34	21 28	0 37	8 58	1 8	25 23	3 13	23 32	23 30	4 23	7 8	5 26
F 15	10 49	20 26	1 32	16 0	1 51	17 44	4 34	12 58	4 17	18 11	1 1	22 8	0 34	21 29	0 37	8 57	1 8	25 23	3 13	23 32	23 30	4 26	7 6	5 26
S 16	10 27	22 50	0 28	16 13	1 37	17 46	4 27	13 6	4 16	18 12	1 1	22 8	0 34	21 29	0 37	8 56	1 8	25 23	3 13	23 32	23 30	4 29	7 5	5 26
S 17	10 5	24 9	0s40	16 23	1 23	17 47	4 20	13 15	4 16	18 13	1 1	22 9	0 34	21 29	0 37	8 55	1 8	25 23	3 14	23 32	23 30	4 32	7 4	5 26
M18	9 44	24 12	1 47	16 32	1 10	17 47	4 13	13 23	4 15	18 13	1 1	22 10	0 34	21 30	0 37	8 54	1 8	25 23	3 14	23 31	23 30	4 35	7 2	5 26
T 19	9 21	22 50	2 51	16 40	0 56	17 47	4 5	13 31	4 15	18 14	1 1	22 10	0 34	21 30	0 37	8 53	1 8	25 23	3 14	23 31	23 30	4 38	7 1	5 26
W20	8 59	20 2	3 46	16 45	0 43	17 47	3 58	13 39	4 14	18 14	1 1	22 11	0 34	21 30	0 37	8 52	1 8	25 23	3 14	23 31	23 30	4 41	7 0	5 26
T 21	8 37	15 56	4 29	16 49	0 31	17 46	3 51	13 47	4 13	18 15	1 2	22 11	0 34	21 31	0 37	8 52	1 8	25 23	3 14	23 31	23 29	4 43	6 58	5 26
F 22	8 14	10 47	4 55	16 51	0 18	17 45	3 44	13 55	4 12	18 16	1 2	22 12	0 34	21 31	0 37	8 51	1 8	25 23	3 14	23 31	23 29	4 46	6 57	5 26
S 23	7 52	4 57	5 1	16 52	0 6	17 44	3 37	14 3	4 11	18 16	1 2	22 12	0 34	21 31	0 37	8 50	1 8	25 23	3 14	23 30	23 29	4 49	6 56	5 26
S 24	7 29	1n11	4 46	16 50	0s 5	17 42	3 29	14 10	4 10	18 16	1 2	22 13	0 35	21 32	0 37	8 49	1 8	25 23	3 15	23 30	23 29	4 52	6 54	5 26
M25	7 6	7 13	4 13	16 48	0 16	17 39	3 22	14 18	4 9	18 17	1 2	22 13	0 35	21 32	0 37	8 48	1 8	25 23	3 15	23 30	23 29	4 55	6 53	5 26
T 26	6 43	12 45	3 23	16 43	0 27	17 37	3 15	14 25	4 7	18 17	1 2	22 13	0 35	21 32	0 37	8 47	1 8	25 23	3 15	23 30	23 29	4 58	6 52	5 26
W27	6 20	17 29	2 21	16 37	0 37	17 33	3 8	14 32	4 6	18 17	1 2	22 14	0 35	21 33	0 37	8 46	1 8	25 23	3 15	23 30	23 29	5 0	6 50	5 26
T 28	5s57	21n 7	1s13	16s29	0s47	17s30	3n 1	14n38	4n 4	18s17	1n 2	22n14	0n35	21n33	0n37	8s46	1s 8	25s23	3s15	23n29	23n29	5s 3	6s49	5n26

Julian Day Number = 2098757.5, Delta T = 21m47s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'36, Lahiri = 10°23'36 Julian Calendar 1 Feb. 1034 == Greg. Calendar 7 Feb. 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

MARCH 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 56 7	15♓57'23	25♊21	18♒15	0♒ 1	1°R34	25♏47	22°R32	26°R34	10♓26	19♑24	25°R37	25♊10	23♎51	28♒59	F 1
S 2	11 0 4	16°56'53	8♋39	19°16	0°55	1♍12	25°48	22♋30	26♋33	10°28	19°25	25♊36	25° 7	23°58	29° 3	S 2
S 3	11 4 0	17°56'21	21°41	20°21	1°50	0°51	25°49	22°28	26°31	10°30	19°27	25°34	25° 4	24° 4	29° 6	S 3
M 4	11 7 57	18°55'47	4♌29	21°27	2°45	0°31	25°50	22°26	26°30	10°32	19°28	25°30	25° 1	24°11	29°10	M 4
T 5	11 11 53	19°55'11	17° 6	22°36	3°41	0°11	25°50	22°25	26°29	10°35	19°29	25°22	24°58	24°18	29°14	T 5
W 6	11 15 50	20°54'32	29°33	23°47	4°38	29♌51	25°50	22°23	26°27	10°37	19°30	25°11	24°55	24°24	29°17	W 6
T 7	11 19 47	21°53'51	11♍52	25° 0	5°34	29°33	25°R50	22°22	26°26	10°39	19°31	24°58	24°51	24°31	29°21	T 7
F 8	11 23 43	22°53'08	24° 2	26°15	6°32	29°14	25°50	22°21	26°25	10°41	19°32	24°44	24°48	24°38	29°25	F 8
S 9	11 27 40	23°52'22	6♎ 5	27°32	7°30	28°57	25°50	22°20	26°24	10°44	19°33	24°30	24°45	24°44	29°28	S 9
S 10	11 31 36	24°51'35	18° 1	28°51	8°28	28°40	25°50	22°19	26°23	10°46	19°34	24°17	24°42	24°51	29°32	S 10
M11	11 35 33	25°50'46	29°54	0♓11	9°26	28°23	25°49	22°18	26°22	10°48	19°35	24° 6	24°39	24°58	29°35	M11
T 12	11 39 29	26°49'55	11♏43	1°34	10°25	28° 7	25°48	22°17	26°21	10°50	19°36	23°57	24°36	25° 5	29°39	T 12
W13	11 43 26	27°49'01	23°34	2°58	11°25	27°52	25°47	22°16	26°20	10°52	19°37	23°52	24°32	25°11	29°42	W13
T 14	11 47 22	28°48'07	5♐29	4°24	12°25	27°38	25°46	22°16	26°19	10°55	19°38	23°49	24°29	25°18	29°46	T 14
F 15	11 51 19	29°47'10	17°33	5°51	13°25	27°25	25°44	22°15	26°19	10°57	19°39	23°48	24°26	25°25	29°49	F 15
S 16	11 55 15	0♈46'11	29°51	7°20	14°25	27°12	25°43	22°15	26°18	10°59	19°40	23°48	24°23	25°31	29°53	S 16
S 17	11 59 12	1°45'11	12♑29	8°51	15°26	27° 0	25°41	22°15	26°17	11° 1	19°41	23°47	24°20	25°38	29°56	S 17
M18	12 3 9	2°44'09	25°32	10°23	16°27	26°48	25°39	22°14	26°17	11° 3	19°41	23°46	24°16	25°45	29°59	M18
T 19	12 7 5	3°43'05	9♒ 2	11°57	17°29	26°38	25°37	22°D14	26°16	11° 5	19°42	23°42	24°13	25°51	0♓ 3	T 19
W20	12 11 2	4°42'00	23° 3	13°32	18°31	26°28	25°34	22°14	26°16	11° 8	19°43	23°35	24°10	25°58	0° 6	W20
T 21	12 14 58	5°40'52	7♓32	15° 9	19°33	26°19	25°32	22°15	26°15	11°10	19°44	23°27	24° 7	26° 5	0°10	T 21
F 22	12 18 55	6°39'43	22°25	16°48	20°35	26°11	25°29	22°15	26°15	11°12	19°44	23°16	24° 4	26°12	0°13	F 22
S 23	12 22 51	7°38'31	7♈35	18°28	21°38	26° 4	25°26	22°15	26°14	11°14	19°45	23° 5	24° 1	26°18	0°16	S 23
S 24	12 26 48	8°37'18	22°50	20° 9	22°41	25°57	25°23	22°16	26°14	11°16	19°46	22°55	23°57	26°25	0°19	S 24
M25	12 30 44	9°36'02	8♉ 0	21°53	23°44	25°51	25°20	22°16	26°14	11°18	19°46	22°47	23°54	26°32	0°22	M25
T 26	12 34 41	10°34'44	22°54	23°37	24°47	25°46	25°16	22°17	26°14	11°20	19°47	22°42	23°51	26°38	0°26	T 26
W27	12 38 38	11°33'25	7♊27	25°24	25°51	25°42	25°13	22°18	26°13	11°22	19°47	22°39	23°48	26°45	0°29	W27
T 28	12 42 34	12°32'03	21°35	27°11	26°55	25°39	25° 9	22°19	26°13	11°24	19°48	22°D38	23°45	26°52	0°32	T 28
F 29	12 46 31	13°30'38	5♋17	29° 1	27°59	25°36	25° 5	22°20	26°D13	11°26	19°48	22°38	23°42	26°58	0°35	F 29
S 30	12 50 27	14°29'12	18°35	0♈52	29° 3	25°34	25° 1	22°21	26°13	11°28	19°49	22°R38	23°38	27° 5	0°38	S 30
S 31	12 54 24	15♈27'43	1♌32	2♈44	0♓ 7	25♌33	24♏57	22♋22	26♋14	11♓30	19♑49	22♊37	23♊35	27♎12	0♓41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s34	23n28	0s 1	16s20	0s56	17s25	2n54	14n45	4n 3	18s18	1n 2	22n15	0n35	21n33	0n37	8s45	1s 8	25s23	3s15	23n29	23n29	5s 6	6s48	5n26
S 2	5 11	24 25	1n 8	16 9	1 5	17 21	2 47	14 51	4 1	18 18	1 3	22 15	0 35	21 33	0 37	8 44	1 8	25 22	3 16	23 29	23 28	5 9	6 46	5 26
S 3	4 48	24 0	2 13	15 57	1 14	17 15	2 40	14 57	3 59	18 18	1 3	22 15	0 35	21 34	0 37	8 43	1 8	25 22	3 16	23 29	23 28	5 12	6 45	5 26
M 4	4 24	22 19	3 10	15 43	1 22	17 10	2 33	15 3	3 57	18 18	1 3	22 16	0 35	21 34	0 37	8 42	1 8	25 22	3 16	23 29	23 28	5 15	6 44	5 26
T 5	4 1	19 32	3 56	15 28	1 29	17 4	2 26	15 8	3 56	18 18	1 3	22 16	0 35	21 34	0 37	8 41	1 8	25 22	3 16	23 29	23 28	5 18	6 42	5 26
W 6	3 37	15 54	4 31	15 11	1 36	16 57	2 19	15 13	3 54	18 18	1 3	22 16	0 35	21 34	0 37	8 41	1 8	25 22	3 16	23 29	23 28	5 20	6 41	5 26
T 7	3 14	11 38	4 52	14 53	1 43	16 50	2 13	15 18	3 51	18 18	1 3	22 16	0 35	21 34	0 37	8 40	1 8	25 22	3 16	23 28	23 28	5 23	6 40	5 26
F 8	2 50	6 57	4 59	14 33	1 49	16 42	2 6	15 22	3 49	18 18	1 3	22 17	0 35	21 35	0 36	8 39	1 8	25 22	3 17	23 28	23 28	5 26	6 38	5 26
S 9	2 27	2 4	4 53	14 11	1 55	16 34	1 59	15 27	3 47	18 18	1 3	22 17	0 35	21 35	0 36	8 38	1 8	25 22	3 17	23 27	23 28	5 29	6 37	5 27
S 10	2 3	2s53	4 35	13 49	2 0	16 26	1 53	15 31	3 45	18 17	1 3	22 17	0 35	21 35	0 36	8 37	1 8	25 23	3 17	23 26	23 27	5 32	6 36	5 27
M11	1 40	7 41	4 4	13 25	2 5	16 17	1 46	15 34	3 43	18 17	1 3	22 17	0 35	21 35	0 36	8 36	1 8	25 23	3 17	23 26	23 27	5 35	6 34	5 27
T 12	1 16	12 13	3 23	12 59	2 9	16 7	1 40	15 38	3 40	18 17	1 4	22 17	0 35	21 35	0 36	8 36	1 8	25 23	3 17	23 26	23 27	5 37	6 33	5 27
W13	0 52	16 18	2 32	12 32	2 13	15 57	1 33	15 41	3 38	18 16	1 4	22 18	0 35	21 35	0 36	8 35	1 8	25 23	3 17	23 25	23 27	5 40	6 32	5 27
T 14	0 29	19 46	1 35	12 4	2 16	15 46	1 27	15 43	3 36	18 16	1 4	22 18	0 35	21 36	0 36	8 34	1 8	25 23	3 18	23 25	23 27	5 43	6 30	5 27
F 15	0 5	22 26	0 33	11 34	2 19	15 35	1 21	15 46	3 33	18 16	1 4	22 18	0 35	21 36	0 36	8 33	1 8	25 23	3 18	23 25	23 27	5 46	6 29	5 27
S 16	0n18	24 6	0s32	11 3	2 21	15 24	1 15	15 48	3 31	18 15	1 4	22 18	0 35	21 36	0 36	8 32	1 8	25 23	3 18	23 25	23 27	5 49	6 28	5 27
S 17	0 42	24 35	1 37	10 30	2 23	15 12	1 9	15 50	3 28	18 15	1 4	22 18	0 35	21 36	0 36	8 31	1 8	25 23	3 18	23 25	23 27	5 52	6 27	5 27
M18	1 6	23 45	2 39	9 56	2 25	14 59	1 3	15 51	3 26	18 14	1 4	22 18	0 35	21 36	0 36	8 31	1 8	25 23	3 18	23 25	23 26	5 55	6 25	5 28
T 19	1 29	21 33	3 35	9 21	2 25	14 46	0 57	15 53	3 23	18 13	1 4	22 18	0 35	21 36	0 36	8 30	1 8	25 23	3 18	23 25	23 26	5 57	6 24	5 28
W20	1 53	18 0	4 20	8 45	2 26	14 33	0 51	15 54	3 20	18 13	1 4	22 18	0 36	21 36	0 36	8 29	1 8	25 23	3 19	23 25	23 26	6 0	6 23	5 28
T 21	2 16	13 16	4 50	8 7	2 26	14 19	0 45	15 54	3 18	18 12	1 4	22 18	0 36	21 36	0 36	8 28	1 8	25 23	3 19	23 24	23 26	6 3	6 21	5 28
F 22	2 39	7 38	5 1	7 28	2 25	14 5	0 39	15 55	3 15	18 11	1 4	22 18	0 36	21 36	0 36	8 27	1 8	25 23	3 19	23 24	23 26	6 6	6 20	5 28
S 23	3 3	1 26	4 52	6 47	2 24	13 50	0 34	15 55	3 13	18 11	1 4	22 18	0 36	21 36	0 36	8 27	1 8	25 23	3 19	23 23	23 26	6 9	6 19	5 28
S 24	3 26	4n53	4 22	6 6	2 22	13 35	0 28	15 55	3 10	18 10	1 5	22 18	0 36	21 36	0 36	8 26	1 9	25 23	3 19	23 22	23 26	6 12	6 18	5 28
M25	3 49	10 53	3 33	5 23	2 20	13 19	0 23	15 54	3 7	18 9	1 5	22 18	0 36	21 36	0 36	8 25	1 9	25 23	3 19	23 22	23 25	6 15	6 16	5 29
T 26	4 13	16 10	2 31	4 39	2 17	13 3	0 18	15 53	3 5	18 8	1 5	22 18	0 36	21 36	0 36	8 24	1 9	25 23	3 20	23 22	23 25	6 17	6 15	5 29
W27	4 36	20 21	1 20	3 53	2 14	12 47	0 12	15 52	3 2	18 7	1 5	22 18	0 36	21 36	0 36	8 24	1 9	25 23	3 20	23 22	23 25	6 20	6 14	5 29
T 28	4 59	23 12	0 6	3 7	2 10	12 30	0 7	15 51	2 59	18 6	1 5	22 18	0 36	21 36	0 36	8 23	1 9	25 24	3 20	23 22	23 25	6 23	6 13	5 29
F 29	5 22	24 34	1n 7	2 19	2 6	12 12	0 2	15 49	2 57	18 5	1 5	22 18	0 36	21 36	0 36	8 22	1 9	25 24	3 20	23 22	23 25	6 26	6 11	5 29
S 30	5 44	24 28	2 13	1 30	2 1	11 54	0s 3	15 48	2 54	18 4	1 5	22 17	0 36	21 36	0 36	8 21	1 9	25 24	3 20	23 22	23 25	6 29	6 10	5 29
S 31	6n 7	23n 2	3n11	0s41	1s56	11s36	0s 8	15n45	2n52	18s 3	1n 5	22n17	0n36	21n36	0n36	8s21	1s 9	25s24	3s21	23n21	23n25	6s32	6s 9	5n30

Julian Day Number = 2098785.5, Delta T = 21m47s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'40, Lahiri = 10°23'40 Julian Calendar 1 March 1034 == Greg. Calendar 7 March 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

APRIL 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 58 20	16♈26'12	14♘12	4♈39	1♓12	25°D33	24°R52	22♋24	26♋14	11♓32	19♑50	22°R34	23♊32	27♎19	0♓44	M 1
T 2	13 2 17	17°24'38	26°38	6°34	2°17	25♘33	24♏48	22°25	26°14	11°34	19°50	22♊28	23°29	27°25	0°47	T 2
W 3	13 6 13	18°23'03	8♍53	8°32	3°22	25°34	24°43	22°27	26°14	11°36	19°51	22°19	23°26	27°32	0°50	W 3
T 4	13 10 10	19°21'25	21° 0	10°31	4°27	25°36	24°38	22°29	26°14	11°38	19°51	22° 9	23°22	27°39	0°52	T 4
F 5	13 14 7	20°19'46	3♎ 0	12°31	5°32	25°39	24°33	22°30	26°15	11°40	19°51	21°58	23°19	27°45	0°55	F 5
S 6	13 18 3	21°18'04	14°56	14°33	6°38	25°42	24°28	22°32	26°15	11°42	19°52	21°46	23°16	27°52	0°58	S 6
S 7	13 22 0	22°16'21	26°48	16°37	7°44	25°46	24°23	22°34	26°16	11°43	19°52	21°35	23°13	27°59	1° 1	S 7
M 8	13 25 56	23°14'36	8♏39	18°41	8°50	25°51	24°17	22°36	26°16	11°45	19°52	21°26	23°10	28° 5	1° 3	M 8
T 9	13 29 53	24°12'49	20°30	20°47	9°56	25°56	24°12	22°39	26°17	11°47	19°52	21°19	23° 7	28°12	1° 6	T 9
W10	13 33 49	25°11'00	2♐23	22°54	11° 2	26° 2	24° 6	22°41	26°17	11°49	19°52	21°15	23° 3	28°19	1° 9	W10
T 11	13 37 46	26° 9'10	14°21	25° 2	12° 8	26° 9	24° 0	22°43	26°18	11°51	19°53	21°13	23° 0	28°26	1°11	T 11
F 12	13 41 42	27° 7'18	26°28	27°11	13°15	26°16	23°54	22°46	26°19	11°52	19°53	21°D13	22°57	28°32	1°14	F 12
S 13	13 45 39	28° 5'25	8♑48	29°20	14°22	26°24	23°48	22°48	26°19	11°54	19°53	21°14	22°54	28°39	1°16	S 13
S 14	13 49 36	29° 3'31	21°25	1♉30	15°29	26°33	23°42	22°51	26°20	11°56	19°53	21°15	22°51	28°46	1°19	S 14
M15	13 53 32	0♉ 1'35	4♒24	3°40	16°36	26°42	23°35	22°54	26°21	11°57	19°53	21°R15	22°47	28°52	1°21	M15
T 16	13 57 29	0°59'37	17°49	5°50	17°43	26°52	23°29	22°57	26°22	11°59	19°R53	21°14	22°44	28°59	1°23	T 16
W17	14 1 25	1°57'38	1♓42	7°59	18°50	27° 2	23°22	23° 0	26°23	12° 1	19°53	21°10	22°41	29° 6	1°26	W17
T 18	14 5 22	2°55'38	16° 2	10° 7	19°57	27°13	23°16	23° 3	26°24	12° 2	19°53	21° 5	22°38	29°12	1°28	T 18
F 19	14 9 18	3°53'36	0♈48	12°15	21° 5	27°25	23° 9	23° 6	26°25	12° 4	19°53	20°59	22°35	29°19	1°30	F 19
S 20	14 13 15	4°51'33	15°54	14°21	22°12	27°37	23° 2	23° 9	26°26	12° 5	19°53	20°52	22°32	29°26	1°32	S 20
S 21	14 17 11	5°49'28	1♉ 9	16°25	23°20	27°50	22°55	23°13	26°27	12° 7	19°52	20°45	22°28	29°33	1°35	S 21
M22	14 21 8	6°47'22	16°23	18°28	24°28	28° 3	22°48	23°16	26°29	12° 8	19°52	20°40	22°25	29°39	1°37	M22
T 23	14 25 5	7°45'14	1♊27	20°28	25°36	28°17	22°41	23°20	26°30	12°10	19°52	20°37	22°22	29°46	1°39	T 23
W24	14 29 1	8°43'05	16°11	22°27	26°44	28°31	22°34	23°24	26°31	12°11	19°52	20°D35	22°19	29°53	1°41	W24
T 25	14 32 58	9°40'54	0♋30	24°22	27°52	28°46	22°27	23°27	26°33	12°13	19°52	20°36	22°16	29°59	1°43	T 25
F 26	14 36 54	10°38'42	14°22	26°16	29° 0	29° 1	22°20	23°31	26°34	12°14	19°51	20°37	22°13	0♏ 6	1°44	F 26
S 27	14 40 51	11°36'27	27°48	28° 6	0♈ 8	29°17	22°12	23°35	26°36	12°16	19°51	20°38	22° 9	0°13	1°46	S 27
S 28	14 44 47	12°34'11	10♘49	29°53	1°17	29°33	22° 5	23°39	26°37	12°17	19°51	20°R39	22° 6	0°19	1°48	S 28
M29	14 48 44	13°31'53	23°29	1♊38	2°25	29°50	21°57	23°43	26°39	12°18	19°50	20°38	22° 3	0°26	1°50	M29
T 30	14 52 40	14♉29'34	5♍52	3♊19	3♈34	0♍ 7	21♏50	23♋47	26♋40	12♓20	19♑50	20♊36	22♊ 0	0♏33	1♓51	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n30	20n27	3n58	0n10	1s50	11s18	0s12	15n43	2n49	18s 2	1n 5	22n17	0n36	21n36	0n36	8s20	1s 9	25s24	3s21	23n21	23n24	6s34	6s 8	5n30
T 2	6 52	16 58	4 33	1 2	1 44	10 59	0 17	15 41	2 46	18 1	1 5	22 17	0 36	21 36	0 36	8 19	1 9	25 24	3 21	23 21	23 24	6 37	6 7	5 30
W 3	7 15	12 49	4 55	1 55	1 37	10 40	0 21	15 38	2 44	18 0	1 5	22 17	0 36	21 36	0 36	8 19	1 9	25 24	3 21	23 20	23 24	6 40	6 5	5 30
T 4	7 37	8 13	5 3	2 48	1 30	10 20	0 26	15 35	2 41	17 58	1 5	22 16	0 36	21 36	0 36	8 18	1 9	25 24	3 21	23 20	23 24	6 43	6 4	5 30
F 5	7 59	3 21	4 57	3 43	1 22	10 0	0 30	15 31	2 39	17 57	1 5	22 16	0 36	21 36	0 36	8 17	1 9	25 25	3 21	23 19	23 24	6 46	6 3	5 31
S 6	8 21	1s38	4 39	4 38	1 14	9 39	0 35	15 28	2 36	17 56	1 5	22 16	0 36	21 36	0 36	8 17	1 9	25 25	3 22	23 18	23 24	6 49	6 2	5 31
S 7	8 43	6 32	4 8	5 34	1 5	9 19	0 39	15 24	2 34	17 55	1 5	22 15	0 36	21 36	0 36	8 16	1 9	25 25	3 22	23 18	23 23	6 52	6 1	5 31
M 8	9 5	11 11	3 27	6 30	0 56	8 58	0 43	15 20	2 31	17 53	1 5	22 15	0 36	21 36	0 36	8 15	1 9	25 25	3 22	23 17	23 23	6 54	6 0	5 31
T 9	9 26	15 27	2 37	7 26	0 47	8 36	0 47	15 16	2 29	17 52	1 5	22 15	0 36	21 35	0 36	8 14	1 9	25 25	3 22	23 17	23 23	6 57	5 58	5 31
W10	9 48	19 7	1 39	8 23	0 37	8 15	0 51	15 12	2 26	17 50	1 5	22 14	0 36	21 35	0 36	8 14	1 9	25 25	3 22	23 16	23 23	7 0	5 57	5 32
T 11	10 9	22 2	0 37	9 19	0 27	7 53	0 54	15 7	2 24	17 49	1 5	22 14	0 36	21 35	0 36	8 13	1 9	25 25	3 23	23 16	23 23	7 3	5 56	5 32
F 12	10 30	23 59	0s28	10 16	0 17	7 31	0 58	15 2	2 21	17 47	1 5	22 14	0 36	21 35	0 36	8 13	1 9	25 26	3 23	23 16	23 23	7 6	5 55	5 32
S 13	10 51	24 49	1 33	11 12	0 6	7 8	1 2	14 57	2 19	17 46	1 5	22 13	0 36	21 35	0 36	8 12	1 9	25 26	3 23	23 16	23 22	7 9	5 54	5 32
S 14	11 12	24 24	2 35	12 8	0n 4	6 45	1 5	14 52	2 16	17 44	1 5	22 13	0 36	21 35	0 36	8 11	1 9	25 26	3 23	23 16	23 22	7 11	5 53	5 32
M15	11 32	22 40	3 31	13 2	0 15	6 22	1 8	14 47	2 14	17 43	1 5	22 12	0 36	21 34	0 36	8 11	1 9	25 26	3 23	23 16	23 22	7 14	5 52	5 33
T 16	11 53	19 39	4 17	13 56	0 26	5 59	1 12	14 41	2 12	17 41	1 5	22 12	0 36	21 34	0 36	8 10	1 9	25 26	3 23	23 16	23 22	7 17	5 51	5 33
W17	12 13	15 26	4 50	14 49	0 36	5 35	1 15	14 35	2 9	17 40	1 5	22 11	0 36	21 34	0 35	8 10	1 9	25 26	3 24	23 16	23 22	7 20	5 50	5 33
T 18	12 33	10 14	5 7	15 40	0 47	5 12	1 18	14 29	2 7	17 38	1 5	22 11	0 36	21 34	0 35	8 9	1 9	25 27	3 24	23 16	23 22	7 23	5 49	5 33
F 19	12 53	4 19	5 3	16 30	0 57	4 48	1 21	14 23	2 5	17 36	1 5	22 10	0 36	21 34	0 35	8 8	1 9	25 27	3 24	23 15	23 21	7 26	5 48	5 34
S 20	13 13	1n59	4 39	17 17	1 7	4 23	1 24	14 17	2 3	17 35	1 5	22 10	0 36	21 33	0 35	8 8	1 9	25 27	3 24	23 15	23 21	7 29	5 47	5 34
S 21	13 32	8 16	3 55	18 3	1 16	3 59	1 26	14 10	2 0	17 33	1 5	22 9	0 36	21 33	0 35	8 7	1 9	25 27	3 24	23 14	23 21	7 31	5 46	5 34
M22	13 51	14 3	2 54	18 47	1 25	3 34	1 29	14 4	1 58	17 31	1 5	22 9	0 37	21 33	0 35	8 7	1 9	25 27	3 25	23 14	23 21	7 34	5 45	5 34
T 23	14 10	18 54	1 42	19 28	1 34	3 10	1 32	13 57	1 56	17 29	1 5	22 8	0 37	21 33	0 35	8 6	1 10	25 28	3 25	23 14	23 21	7 37	5 44	5 35
W24	14 29	22 27	0 24	20 7	1 42	2 45	1 34	13 50	1 54	17 28	1 5	22 8	0 37	21 32	0 35	8 6	1 10	25 28	3 25	23 14	23 20	7 40	5 43	5 35
T 25	14 47	24 27	0n54	20 43	1 49	2 19	1 36	13 42	1 52	17 26	1 5	22 7	0 37	21 32	0 35	8 5	1 10	25 28	3 25	23 14	23 20	7 43	5 42	5 35
F 26	15 6	24 52	2 6	21 17	1 55	1 54	1 38	13 35	1 50	17 24	1 5	22 6	0 37	21 32	0 35	8 5	1 10	25 28	3 25	23 14	23 20	7 46	5 41	5 35
S 27	15 24	23 47	3 8	21 49	2 1	1 29	1 41	13 28	1 47	17 22	1 5	22 6	0 37	21 31	0 35	8 4	1 10	25 28	3 25	23 14	23 20	7 48	5 40	5 36
S 28	15 41	21 27	3 59	22 18	2 7	1 3	1 43	13 20	1 45	17 20	1 5	22 5	0 37	21 31	0 35	8 4	1 10	25 29	3 26	23 14	23 20	7 51	5 39	5 36
M29	15 59	18 7	4 37	22 44	2 11	0 38	1 44	13 12	1 43	17 18	1 5	22 4	0 37	21 31	0 35	8 3	1 10	25 29	3 26	23 14	23 19	7 54	5 39	5 36
T 30	16n16	14n 4	5n 1	23n 8	2n15	0s12	1s46	13n 4	1n41	17s17	1n 5	22n 4	0n37	21n30	0n35	8s 3	1s10	25s29	3s26	23n14	23n19	7s57	5s38	5n37

Julian Day Number = 2098816.5, Delta T = 21m46s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'44, Lahiri = 10°23'44 Julian Calendar 1 Apr. 1034 == Greg. Calendar 7 Apr. 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

MAY 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 56 37	15♉27'13	18♍ 2	4♊57	4♈42	0♍25	21°R42	23♋52	26♋42	12♓21	19°R49	20°R33	21♊57	0♏39	1♓53	W 1
T 2	15 0 34	16°24'50	0♎ 3	6°32	5°51	0°43	21♏35	23°56	26°44	12°22	19♑49	20♊28	21°53	0°46	1°55	T 2
F 3	15 4 30	17°22'26	11°58	8° 4	7° 0	1° 2	21°27	24° 0	26°46	12°23	19°49	20°22	21°50	0°53	1°56	F 3
S 4	15 8 27	18°20'00	23°49	9°32	8° 9	1°21	21°20	24° 5	26°47	12°24	19°48	20°16	21°47	1° 0	1°58	S 4
S 5	15 12 23	19°17'33	5♏40	10°57	9°18	1°40	21°12	24° 9	26°49	12°26	19°48	20°11	21°44	1° 6	1°59	S 5
M 6	15 16 20	20°15'05	17°31	12°19	10°27	2° 0	21° 4	24°14	26°51	12°27	19°47	20° 7	21°41	1°13	2° 1	M 6
T 7	15 20 16	21°12'36	29°26	13°37	11°36	2°20	20°57	24°19	26°53	12°28	19°46	20° 4	21°38	1°20	2° 2	T 7
W 8	15 24 13	22°10'06	11♐26	14°52	12°45	2°40	20°49	24°24	26°55	12°29	19°46	20° 2	21°34	1°26	2° 3	W 8
T 9	15 28 9	23° 7'34	23°33	16° 3	13°55	3° 1	20°41	24°29	26°57	12°30	19°45	20°D 2	21°31	1°33	2° 4	T 9
F 10	15 32 6	24° 5'02	5♑50	17°11	15° 4	3°23	20°34	24°34	26°59	12°31	19°45	20° 3	21°28	1°40	2° 5	F 10
S 11	15 36 3	25° 2'29	18°19	18°15	16°13	3°44	20°26	24°39	27° 1	12°32	19°44	20° 4	21°25	1°46	2° 7	S 11
S 12	15 39 59	25°59'55	1♒ 3	19°15	17°23	4° 6	20°19	24°44	27° 4	12°33	19°43	20° 6	21°22	1°53	2° 8	S 12
M13	15 43 56	26°57'20	14° 5	20°12	18°32	4°29	20°11	24°49	27° 6	12°34	19°43	20° 7	21°19	2° 0	2° 9	M13
T 14	15 47 52	27°54'44	27°28	21° 5	19°42	4°52	20° 4	24°54	27° 8	12°35	19°42	20°R 7	21°15	2° 6	2°10	T 14
W15	15 51 49	28°52'08	11♓14	21°53	20°52	5°15	19°56	25° 0	27°10	12°35	19°41	20° 7	21°12	2°13	2°11	W15
T 16	15 55 45	29°49'31	25°23	22°38	22° 2	5°38	19°49	25° 5	27°13	12°36	19°40	20° 6	21° 9	2°20	2°11	T 16
F 17	15 59 42	0♊46'54	9♈54	23°19	23°12	6° 2	19°41	25°10	27°15	12°37	19°40	20° 3	21° 6	2°27	2°12	F 17
S 18	16 3 38	1°44'16	24°43	23°56	24°21	6°26	19°34	25°16	27°18	12°38	19°39	20° 1	21° 3	2°33	2°13	S 18
S 19	16 7 35	2°41'37	9♉42	24°28	25°31	6°50	19°27	25°22	27°20	12°39	19°38	19°59	20°59	2°40	2°14	S 19
M20	16 11 32	3°38'58	24°45	24°56	26°42	7°15	19°19	25°27	27°23	12°39	19°37	19°57	20°56	2°47	2°14	M20
T 21	16 15 28	4°36'18	9♊42	25°20	27°52	7°40	19°12	25°33	27°25	12°40	19°36	19°56	20°53	2°53	2°15	T 21
W22	16 19 25	5°33'37	24°25	25°39	29° 2	8° 5	19° 5	25°39	27°28	12°41	19°35	19°D56	20°50	3° 0	2°15	W22
T 23	16 23 21	6°30'55	8♋48	25°53	0♉12	8°31	18°58	25°45	27°30	12°41	19°34	19°57	20°47	3° 7	2°16	T 23
F 24	16 27 18	7°28'13	22°46	26° 3	1°22	8°57	18°51	25°51	27°33	12°42	19°33	19°58	20°44	3°13	2°16	F 24
S 25	16 31 14	8°25'30	6♌18	26° 9	2°33	9°23	18°44	25°57	27°36	12°42	19°32	19°59	20°40	3°20	2°17	S 25
S 26	16 35 11	9°22'46	19°25	26°R10	3°43	9°49	18°37	26° 3	27°38	12°43	19°31	20° 0	20°37	3°27	2°17	S 26
M27	16 39 7	10°20'01	2♍ 9	26° 6	4°53	10°16	18°31	26° 9	27°41	12°43	19°30	20° 0	20°34	3°33	2°17	M27
T 28	16 43 4	11°17'15	14°34	25°58	6° 4	10°43	18°24	26°15	27°44	12°44	19°29	20°R 0	20°31	3°40	2°17	T 28
W29	16 47 1	12°14'28	26°44	25°46	7°14	11°10	18°18	26°21	27°47	12°44	19°28	20° 0	20°28	3°47	2°17	W29
T 30	16 50 57	13°11'40	8♎44	25°30	8°25	11°38	18°11	26°27	27°50	12°45	19°27	19°59	20°25	3°53	2°17	T 30
F 31	16 54 54	14♊ 8'52	20♎36	25♊10	9♉36	12♍ 6	18♏ 5	26♋34	27♋52	12♓45	19♑26	19♊59	20♊21	4♏ 0	2°R17	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n33	9n31	5n11	23n29	2n18	0n14	1s48	12n56	1n39	17s15	1n 5	22n 3	0n37	21n30	0n35	8s 2	1s10	25s29	3s26	23n14	23n19	8s 0	5s37	5n37
T 2	16 50	4 40	5 7	23 48	2 20	0 40	1 49	12 47	1 37	17 13	1 5	22 2	0 37	21 30	0 35	8 2	1 10	25 30	3 26	23 13	23 19	8 3	5 36	5 37
F 3	17 6	0s19	4 50	24 5	2 21	1 6	1 51	12 39	1 35	17 11	1 5	22 1	0 37	21 29	0 35	8 1	1 10	25 30	3 27	23 13	23 19	8 5	5 35	5 37
S 4	17 23	5 16	4 20	24 20	2 21	1 32	1 52	12 30	1 33	17 9	1 4	22 1	0 37	21 29	0 35	8 1	1 10	25 30	3 27	23 12	23 19	8 8	5 34	5 38
S 5	17 38	10 2	3 39	24 32	2 21	1 58	1 54	12 22	1 31	17 7	1 4	22 0	0 37	21 29	0 35	8 1	1 10	25 30	3 27	23 12	23 18	8 11	5 34	5 38
M 6	17 54	14 27	2 49	24 42	2 20	2 24	1 55	12 13	1 30	17 5	1 4	21 59	0 37	21 28	0 35	8 0	1 10	25 31	3 27	23 12	23 18	8 14	5 33	5 38
T 7	18 9	18 20	1 51	24 50	2 18	2 50	1 56	12 4	1 28	17 3	1 4	21 58	0 37	21 28	0 35	8 0	1 10	25 31	3 27	23 11	23 18	8 17	5 32	5 38
W 8	18 24	21 30	0 47	24 56	2 15	3 16	1 57	11 54	1 26	17 1	1 4	21 58	0 37	21 27	0 35	7 59	1 10	25 31	3 27	23 11	23 18	8 20	5 32	5 39
T 9	18 39	23 44	0s19	25 0	2 11	3 42	1 58	11 45	1 24	16 59	1 4	21 57	0 37	21 27	0 35	7 59	1 10	25 31	3 28	23 11	23 18	8 22	5 31	5 39
F 10	18 53	24 52	1 26	25 2	2 6	4 9	1 59	11 36	1 22	16 58	1 4	21 56	0 37	21 26	0 35	7 59	1 10	25 32	3 28	23 11	23 17	8 25	5 30	5 39
S 11	19 8	24 46	2 29	25 3	2 1	4 35	1 59	11 26	1 20	16 56	1 4	21 55	0 37	21 26	0 35	7 58	1 10	25 32	3 28	23 11	23 17	8 28	5 29	5 40
S 12	19 21	23 23	3 27	25 2	1 55	5 1	2 0	11 16	1 19	16 54	1 4	21 54	0 37	21 26	0 35	7 58	1 10	25 32	3 28	23 12	23 17	8 31	5 29	5 40
M13	19 35	20 45	4 15	24 59	1 47	5 27	2 0	11 6	1 17	16 52	1 3	21 53	0 37	21 25	0 35	7 58	1 10	25 32	3 28	23 12	23 17	8 34	5 28	5 40
T 14	19 48	16 58	4 51	24 55	1 39	5 53	2 1	10 56	1 15	16 50	1 3	21 52	0 37	21 25	0 35	7 58	1 10	25 33	3 28	23 12	23 16	8 37	5 28	5 40
W15	20 1	12 11	5 11	24 49	1 31	6 19	2 1	10 46	1 13	16 48	1 3	21 51	0 37	21 24	0 35	7 57	1 10	25 33	3 29	23 12	23 16	8 39	5 27	5 41
T 16	20 13	6 38	5 14	24 42	1 21	6 45	2 1	10 36	1 12	16 46	1 3	21 50	0 37	21 24	0 35	7 57	1 11	25 33	3 29	23 12	23 16	8 42	5 26	5 41
F 17	20 25	0 36	4 57	24 34	1 11	7 11	2 1	10 26	1 10	16 44	1 3	21 49	0 37	21 23	0 35	7 57	1 11	25 34	3 29	23 11	23 16	8 45	5 26	5 41
S 18	20 37	5n36	4 19	24 25	0 59	7 37	2 1	10 15	1 8	16 43	1 3	21 48	0 37	21 23	0 35	7 56	1 11	25 34	3 29	23 11	23 16	8 48	5 25	5 42
S 19	20 48	11 34	3 24	24 14	0 48	8 2	2 1	10 5	1 7	16 41	1 3	21 47	0 37	21 22	0 35	7 56	1 11	25 34	3 29	23 11	23 15	8 51	5 25	5 42
M20	21 0	16 53	2 15	24 3	0 35	8 28	2 1	9 54	1 5	16 39	1 2	21 46	0 37	21 22	0 35	7 56	1 11	25 34	3 29	23 11	23 15	8 54	5 24	5 42
T 21	21 10	21 6	0 56	23 50	0 22	8 53	2 1	9 43	1 3	16 37	1 2	21 45	0 37	21 21	0 35	7 56	1 11	25 35	3 30	23 11	23 15	8 56	5 24	5 43
W22	21 21	23 52	0n25	23 37	0 8	9 18	2 1	9 32	1 2	16 35	1 2	21 44	0 37	21 21	0 35	7 56	1 11	25 35	3 30	23 11	23 15	8 59	5 23	5 43
T 23	21 31	24 59	1 43	23 23	0s 7	9 44	2 0	9 21	1 0	16 34	1 2	21 43	0 38	21 20	0 35	7 55	1 11	25 35	3 30	23 11	23 15	9 2	5 23	5 43
F 24	21 40	24 27	2 52	23 8	0 22	10 9	2 0	9 10	0 59	16 32	1 2	21 42	0 38	21 20	0 35	7 55	1 11	25 36	3 30	23 11	23 14	9 5	5 23	5 43
S 25	21 50	22 30	3 49	22 53	0 38	10 33	1 59	8 58	0 57	16 30	1 2	21 41	0 38	21 19	0 35	7 55	1 11	25 36	3 30	23 11	23 14	9 8	5 22	5 44
S 26	21 58	19 23	4 33	22 37	0 54	10 58	1 58	8 47	0 55	16 28	1 1	21 40	0 38	21 18	0 35	7 55	1 11	25 36	3 30	23 11	23 14	9 11	5 22	5 44
M27	22 7	15 27	5 2	22 20	1 10	11 22	1 58	8 35	0 54	16 27	1 1	21 39	0 38	21 18	0 35	7 55	1 11	25 37	3 30	23 11	23 14	9 13	5 21	5 44
T 28	22 15	10 57	5 15	22 3	1 27	11 46	1 57	8 24	0 52	16 25	1 1	21 38	0 38	21 17	0 35	7 55	1 11	25 37	3 31	23 11	23 13	9 16	5 21	5 45
W29	22 23	6 7	5 15	21 46	1 44	12 10	1 56	8 12	0 51	16 24	1 1	21 37	0 38	21 17	0 35	7 55	1 11	25 37	3 31	23 11	23 13	9 19	5 21	5 45
T 30	22 30	1 7	5 0	21 29	2 0	12 34	1 55	8 0	0 49	16 22	1 1	21 35	0 38	21 16	0 35	7 54	1 11	25 37	3 31	23 11	23 13	9 22	5 20	5 45
F 31	22n37	3s53	4n33	21n12	2s17	12n58	1s54	7n48	0n48	16s20	1n 0	21n34	0n38	21n16	0n35	7s54	1s11	25s38	3s31	23n11	23n13	9s25	5s20	5n45

Julian Day Number = 2098846.5, Delta T = 21m46s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'48, Lahiri = 10°23'49 Julian Calendar 1 May 1034 == Greg. Calendar 7 May 1034

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1034
geocentric

JUNE 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 58 50	15♊ 6'03	2♏27	24°R46	10♉46	12♍34	17°R59	26♋40	27♋55	12♓45	19°R25	19°R58	20♊18	4♏ 7	2°R17	S 1
S 2	17 2 47	16° 3'14	14°18	24♊19	11°57	13° 2	17♏53	26°46	27°58	12°45	19♐24	19♊57	20°15	4°14	2♓17	S 2
M 3	17 6 43	17° 0'24	26°13	23°50	13° 8	13°30	17°47	26°53	28° 1	12°46	19°23	19°57	20°12	4°20	2°17	M 3
T 4	17 10 40	17°57'34	8♐15	23°18	14°19	13°59	17°41	26°59	28° 4	12°46	19°22	19°57	20° 9	4°27	2°17	T 4
W 5	17 14 36	18°54'43	20°26	22°44	15°30	14°28	17°36	27° 6	28° 7	12°46	19°20	19°D57	20° 5	4°34	2°17	W 5
T 6	17 18 33	19°51'53	2♑47	22° 9	16°40	14°57	17°30	27°13	28°10	12°46	19°19	19°R57	20° 2	4°40	2°16	T 6
F 7	17 22 30	20°49'02	15°19	21°34	17°51	15°27	17°25	27°19	28°14	12°46	19°18	19°57	19°59	4°47	2°16	F 7
S 8	17 26 26	21°46'11	28° 5	20°58	19° 3	15°56	17°20	27°26	28°17	12°46	19°17	19°57	19°56	4°54	2°15	S 8
S 9	17 30 23	22°43'20	11♒ 4	20°23	20°14	16°26	17°15	27°33	28°20	12°47	19°16	19°56	19°53	5° 0	2°15	S 9
M10	17 34 19	23°40'29	24°19	19°50	21°25	16°56	17°10	27°40	28°23	12°R47	19°14	19°56	19°50	5° 7	2°14	M10
T 11	17 38 16	24°37'38	7♓49	19°18	22°36	17°26	17° 5	27°46	28°26	12°47	19°13	19°56	19°46	5°14	2°14	T 11
W12	17 42 12	25°34'47	21°36	18°48	23°47	17°57	17° 0	27°53	28°29	12°47	19°12	19°D55	19°43	5°20	2°13	W12
T 13	17 46 9	26°31'57	5♈38	18°21	24°58	18°28	16°56	28° 0	28°33	12°46	19°11	19°56	19°40	5°27	2°13	T 13
F 14	17 50 5	27°29'07	19°54	17°58	26°10	18°58	16°51	28° 7	28°36	12°46	19° 9	19°56	19°37	5°34	2°12	F 14
S 15	17 54 2	28°26'17	4♉23	17°38	27°21	19°29	16°47	28°14	28°39	12°46	19° 8	19°56	19°34	5°40	2°11	S 15
S 16	17 57 59	29°23'28	19° 0	17°23	28°33	20° 1	16°43	28°21	28°43	12°46	19° 7	19°57	19°31	5°47	2°10	S 16
M17	18 1 55	0♋20'39	3♊40	17°12	29°44	20°32	16°39	28°28	28°46	12°46	19° 5	19°58	19°27	5°54	2° 9	M17
T 18	18 5 52	1°17'50	18°17	17° 5	0♊56	21° 4	16°36	28°35	28°49	12°46	19° 4	19°R58	19°24	6° 0	2° 8	T 18
W19	18 9 48	2°15'02	2♋45	17°D 4	2° 7	21°36	16°32	28°43	28°53	12°45	19° 3	19°58	19°21	6° 7	2° 7	W19
T 20	18 13 45	3°12'14	16°58	17° 7	3°19	22° 8	16°29	28°50	28°56	12°45	19° 1	19°57	19°18	6°14	2° 6	T 20
F 21	18 17 41	4° 9'26	0♌52	17°16	4°31	22°40	16°26	28°57	29° 0	12°45	19° 0	19°56	19°15	6°21	2° 5	F 21
S 22	18 21 38	5° 6'38	14°24	17°30	5°42	23°12	16°23	29° 4	29° 3	12°44	18°59	19°54	19°11	6°27	2° 4	S 22
S 23	18 25 35	6° 3'50	27°33	17°49	6°54	23°45	16°20	29°12	29° 7	12°44	18°57	19°52	19° 8	6°34	2° 3	S 23
M24	18 29 31	7° 1'02	10♍20	18°14	8° 6	24°18	16°17	29°19	29°10	12°43	18°56	19°50	19° 5	6°41	2° 1	M24
T 25	18 33 28	7°58'14	22°47	18°44	9°18	24°51	16°15	29°26	29°14	12°43	18°55	19°48	19° 2	6°47	2° 0	T 25
W26	18 37 24	8°55'27	4♎59	19°19	10°30	25°24	16°13	29°34	29°17	12°43	18°53	19°D48	18°59	6°54	1°59	W26
T 27	18 41 21	9°52'39	16°58	20° 0	11°42	25°57	16°10	29°41	29°21	12°42	18°52	19°48	18°56	7° 1	1°57	T 27
F 28	18 45 17	10°49'52	28°51	20°46	12°53	26°31	16° 9	29°48	29°24	12°41	18°50	19°49	18°52	7° 7	1°56	F 28
S 29	18 49 14	11°47'05	10♏42	21°37	14° 5	27° 4	16° 7	29°56	29°28	12°41	18°49	19°50	18°49	7°14	1°54	S 29
S 30	18 53 10	12♋44'18	22♏35	22♊33	15♊18	27♍38	16♏ 5	0♌ 3	29♋31	12♓40	18♐48	19♊52	18♊46	7♏21	1♓53	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n44	8s43	3n54	20n54	2s33	13n21	1s53	7n36	0n47	16s19	1n 0	21n33	0n38	21n15	0n35	7s54	1s11	25s38	3s31	23n11	23n12	9s27	5s20	5n46
S 2	22 50	13 16	3 5	20 38	2 49	13 44	1 52	7 24	0 45	16 17	1 0	21 32	0 38	21 14	0 35	7 54	1 11	25 38	3 31	23 11	23 12	9 30	5 20	5 46
M 3	22 56	17 20	2 8	20 21	3 4	14 6	1 50	7 11	0 44	16 16	1 0	21 31	0 38	21 14	0 35	7 54	1 11	25 39	3 32	23 11	23 12	9 33	5 19	5 46
T 4	23 1	20 44	1 4	20 5	3 19	14 29	1 49	6 59	0 42	16 15	1 0	21 29	0 38	21 13	0 35	7 54	1 11	25 39	3 32	23 11	23 12	9 36	5 19	5 47
W 5	23 6	23 16	0s 3	19 50	3 32	14 51	1 48	6 46	0 41	16 13	0 59	21 28	0 38	21 13	0 34	7 54	1 11	25 39	3 32	23 11	23 12	9 39	5 19	5 47
T 6	23 11	24 43	1 11	19 35	3 45	15 13	1 46	6 34	0 40	16 12	0 59	21 27	0 38	21 12	0 34	7 54	1 12	25 40	3 32	23 11	23 11	9 41	5 19	5 47
F 7	23 15	24 56	2 16	19 22	3 56	15 34	1 45	6 21	0 38	16 11	0 59	21 26	0 38	21 11	0 34	7 54	1 12	25 40	3 32	23 11	23 11	9 44	5 19	5 48
S 8	23 18	23 51	3 16	19 9	4 7	15 55	1 43	6 8	0 37	16 9	0 59	21 24	0 38	21 11	0 34	7 54	1 12	25 40	3 32	23 11	23 11	9 47	5 19	5 48
S 9	23 22	21 30	4 7	18 58	4 15	16 16	1 41	5 55	0 35	16 8	0 59	21 23	0 38	21 10	0 34	7 54	1 12	25 40	3 32	23 11	23 11	9 50	5 19	5 48
M10	23 25	17 58	4 46	18 48	4 23	16 36	1 40	5 42	0 34	16 7	0 58	21 22	0 38	21 9	0 34	7 54	1 12	25 41	3 32	23 11	23 10	9 53	5 18	5 48
T 11	23 27	13 28	5 10	18 40	4 29	16 56	1 38	5 29	0 33	16 6	0 58	21 21	0 38	21 9	0 34	7 54	1 12	25 41	3 33	23 11	23 10	9 56	5 18	5 49
W12	23 29	8 12	5 17	18 33	4 33	17 16	1 36	5 16	0 32	16 5	0 58	21 19	0 38	21 8	0 34	7 54	1 12	25 41	3 33	23 11	23 10	9 58	5 18	5 49
T 13	23 31	2 25	5 5	18 28	4 36	17 35	1 34	5 3	0 30	16 4	0 58	21 18	0 38	21 7	0 34	7 54	1 12	25 42	3 33	23 11	23 10	10 1	5 18	5 49
F 14	23 32	3n35	4 35	18 25	4 37	17 54	1 32	4 50	0 29	16 3	0 57	21 16	0 39	21 7	0 34	7 54	1 12	25 42	3 33	23 11	23 9	10 4	5 18	5 50
S 15	23 33	9 29	3 47	18 23	4 37	18 12	1 30	4 36	0 28	16 2	0 57	21 15	0 39	21 6	0 34	7 54	1 12	25 42	3 33	23 11	23 9	10 7	5 18	5 50
S 16	23 34	14 56	2 43	18 24	4 35	18 30	1 28	4 23	0 26	16 1	0 57	21 14	0 39	21 5	0 34	7 55	1 12	25 43	3 33	23 11	23 9	10 10	5 18	5 50
M17	23 34	19 32	1 29	18 26	4 32	18 48	1 26	4 9	0 25	16 0	0 57	21 12	0 39	21 5	0 34	7 55	1 12	25 43	3 33	23 11	23 9	10 12	5 19	5 50
T 18	23 33	22 53	0 9	18 29	4 28	19 5	1 24	3 56	0 24	15 59	0 56	21 11	0 39	21 4	0 34	7 55	1 12	25 43	3 33	23 11	23 8	10 15	5 19	5 51
W19	23 33	24 42	1n10	18 35	4 23	19 21	1 22	3 42	0 23	15 58	0 56	21 10	0 39	21 3	0 34	7 55	1 12	25 44	3 34	23 11	23 8	10 18	5 19	5 51
T 20	23 32	24 52	2 24	18 42	4 16	19 38	1 20	3 28	0 22	15 58	0 56	21 8	0 39	21 2	0 34	7 55	1 12	25 44	3 34	23 11	23 8	10 21	5 19	5 51
F 21	23 30	23 26	3 27	18 50	4 8	19 53	1 17	3 14	0 20	15 57	0 56	21 7	0 39	21 2	0 34	7 55	1 12	25 44	3 34	23 11	23 8	10 24	5 19	5 51
S 22	23 28	20 42	4 17	19 0	3 59	20 8	1 15	3 0	0 19	15 56	0 55	21 5	0 39	21 1	0 34	7 56	1 12	25 45	3 34	23 11	23 7	10 26	5 19	5 52
S 23	23 26	16 57	4 52	19 11	3 50	20 23	1 13	2 46	0 18	15 56	0 55	21 4	0 39	21 0	0 34	7 56	1 12	25 45	3 34	23 10	23 7	10 29	5 19	5 52
M24	23 23	12 32	5 11	19 24	3 39	20 37	1 10	2 32	0 17	15 55	0 55	21 2	0 39	20 59	0 34	7 56	1 12	25 45	3 34	23 10	23 7	10 32	5 20	5 52
T 25	23 19	7 42	5 15	19 38	3 28	20 51	1 8	2 18	0 16	15 55	0 55	21 1	0 39	20 59	0 34	7 56	1 12	25 45	3 34	23 10	23 7	10 35	5 20	5 52
W26	23 16	2 40	5 5	19 52	3 16	21 4	1 5	2 4	0 14	15 54	0 54	20 59	0 39	20 58	0 34	7 56	1 13	25 46	3 34	23 10	23 6	10 38	5 20	5 53
T 27	23 12	2s23	4 41	20 8	3 4	21 16	1 3	1 49	0 13	15 54	0 54	20 58	0 39	20 57	0 34	7 57	1 13	25 46	3 34	23 10	23 6	10 40	5 20	5 53
F 28	23 7	7 18	4 5	20 24	2 51	21 28	1 0	1 35	0 12	15 54	0 54	20 56	0 39	20 57	0 34	7 57	1 13	25 46	3 35	23 10	23 6	10 43	5 21	5 53
S 29	23 2	11 57	3 19	20 40	2 38	21 39	0 58	1 20	0 11	15 53	0 54	20 55	0 39	20 56	0 34	7 57	1 13	25 47	3 35	23 10	23 5	10 46	5 21	5 53
S 30	22n57	16s11	2n25	20n57	2s24	21n50	0s55	1n 6	0n10	15s53	0n53	20n53	0n39	20n55	0n34	7s57	1s13	25s47	3s35	23n11	23n 5	10s49	5s21	5n54

Julian Day Number = 2098877.5, Delta T = 21m46s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'52, Lahiri = 10°23'53 Julian Calendar 1 June 1034 == Greg. Calendar 7 June 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

JULY 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 57 7	13♋41'32	4♐34	23♊34	16♊30	28♍12	16°R 4	0♌11	29♋35	12°R40	18°R46	19♊53	18♊43	7♏27	1°R51	M 1
T 2	19 1 4	14°38'46	16°43	24°41	17°42	28°46	16♏ 3	0°18	29°38	12♓39	18♉45	19°R54	18°40	7°34	1♓49	T 2
W 3	19 5 0	15°36'01	29° 5	25°52	18°54	29°20	16° 2	0°26	29°42	12°38	18°43	19°53	18°37	7°41	1°48	W 3
T 4	19 8 57	16°33'16	11♉42	27° 8	20° 6	29°55	16° 1	0°33	29°46	12°38	18°42	19°52	18°33	7°47	1°46	T 4
F 5	19 12 53	17°30'32	24°35	28°29	21°18	0♎29	16° 0	0°41	29°49	12°37	18°41	19°49	18°30	7°54	1°44	F 5
S 6	19 16 50	18°27'49	7♒42	29°54	22°31	1° 4	16° 0	0°48	29°53	12°36	18°39	19°45	18°27	8° 1	1°42	S 6
S 7	19 20 46	19°25'06	21° 5	1♋24	23°43	1°39	15°59	0°56	29°57	12°35	18°38	19°41	18°24	8° 7	1°40	S 7
M 8	19 24 43	20°22'24	4♓41	2°58	24°56	2°14	15°D59	1° 3	0♌ 0	12°34	18°36	19°36	18°21	8°14	1°38	M 8
T 9	19 28 39	21°19'44	18°28	4°37	26° 8	2°49	15°59	1°11	0° 4	12°33	18°35	19°33	18°17	8°21	1°37	T 9
W10	19 32 36	22°17'04	2♈25	6°19	27°21	3°24	16° 0	1°19	0° 8	12°33	18°34	19°30	18°14	8°27	1°35	W10
T 11	19 36 33	23°14'26	16°29	8° 4	28°33	3°59	16° 0	1°26	0°11	12°32	18°32	19°28	18°11	8°34	1°32	T 11
F 12	19 40 29	24°11'48	0♉39	9°53	29°46	4°35	16° 1	1°34	0°15	12°31	18°31	19°D28	18° 8	8°41	1°30	F 12
S 13	19 44 26	25° 9'12	14°52	11°45	0♋58	5°11	16° 1	1°42	0°19	12°30	18°29	19°29	18° 5	8°47	1°28	S 13
S 14	19 48 22	26° 6'38	29° 8	13°40	2°11	5°46	16° 2	1°49	0°22	12°29	18°28	19°31	18° 2	8°54	1°26	S 14
M15	19 52 19	27° 4'05	13♊23	15°37	3°24	6°22	16° 4	1°57	0°26	12°28	18°27	19°R32	17°58	9° 1	1°24	M15
T 16	19 56 15	28° 1'32	27°34	17°36	4°37	6°58	16° 5	2° 5	0°30	12°27	18°25	19°32	17°55	9° 8	1°22	T 16
W17	20 0 12	28°59'02	11♋38	19°37	5°50	7°35	16° 7	2°12	0°34	12°26	18°24	19°30	17°52	9°14	1°19	W17
T 18	20 4 8	29°56'32	25°31	21°39	7° 2	8°11	16° 8	2°20	0°37	12°25	18°22	19°26	17°49	9°21	1°17	T 18
F 19	20 8 5	0♌54'03	9♌10	23°42	8°15	8°48	16°10	2°28	0°41	12°23	18°21	19°20	17°46	9°28	1°15	F 19
S 20	20 12 2	1°51'36	22°32	25°45	9°28	9°24	16°12	2°35	0°45	12°22	18°20	19°14	17°43	9°34	1°12	S 20
S 21	20 15 58	2°49'09	5♍35	27°49	10°41	10° 1	16°14	2°43	0°48	12°21	18°18	19° 6	17°39	9°41	1°10	S 21
M22	20 19 55	3°46'44	18°19	29°52	11°54	10°38	16°17	2°51	0°52	12°20	18°17	18°59	17°36	9°48	1° 8	M22
T 23	20 23 51	4°44'19	0♎46	1♌56	13° 8	11°15	16°20	2°58	0°56	12°19	18°16	18°53	17°33	9°54	1° 5	T 23
W24	20 27 48	5°41'55	12°57	3°59	14°21	11°52	16°22	3° 6	1° 0	12°17	18°14	18°49	17°30	10° 1	1° 3	W24
T 25	20 31 44	6°39'33	24°56	6° 1	15°34	12°29	16°25	3°14	1° 3	12°16	18°13	18°46	17°27	10° 8	1° 0	T 25
F 26	20 35 41	7°37'11	6♏48	8° 2	16°47	13° 7	16°28	3°21	1° 7	12°15	18°12	18°D45	17°23	10°14	0°58	F 26
S 27	20 39 37	8°34'51	18°39	10° 3	18° 0	13°44	16°32	3°29	1°11	12°14	18°10	18°46	17°20	10°21	0°55	S 27
S 28	20 43 34	9°32'32	0♐32	12° 2	19°14	14°22	16°35	3°37	1°14	12°12	18° 9	18°47	17°17	10°28	0°53	S 28
M29	20 47 31	10°30'14	12°33	14° 1	20°27	15° 0	16°39	3°44	1°18	12°11	18° 8	18°R48	17°14	10°34	0°50	M29
T 30	20 51 27	11°27'57	24°48	15°58	21°40	15°38	16°43	3°52	1°22	12°10	18° 6	18°48	17°11	10°41	0°47	T 30
W31	20 55 24	12♌25'41	7♉18	17♌54	22♋54	16♎16	16♏47	4♌ 0	1♌25	12♓ 8	18♉ 5	18♊46	17♊ 8	10♏48	0♓45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n51	19s48	1n23	21n14	2s11	22n 0	0s53	0n51	0n 9	15s53	0n53	20n52	0n40	20n54	0n34	7s58	1s13	25s47	3s35	23n11	23n 5	10s51	5s22	5n54
T 2	22 45	22 37	0 17	21 31	1 57	22 10	0 50	0 37	0 8	15 53	0 53	20 50	0 40	20 53	0 34	7 58	1 13	25 48	3 35	23 11	23 5	10 54	5 22	5 54
W 3	22 39	24 24	0s50	21 47	1 43	22 19	0 47	0 22	0 7	15 53	0 53	20 49	0 40	20 53	0 34	7 58	1 13	25 48	3 35	23 11	23 4	10 57	5 22	5 54
T 4	22 32	24 59	1 57	22 4	1 28	22 27	0 45	0 7	0 6	15 53	0 52	20 47	0 40	20 52	0 34	7 59	1 13	25 48	3 35	23 11	23 4	11 0	5 23	5 54
F 5	22 25	24 15	2 59	22 19	1 14	22 35	0 42	0s 7	0 5	15 53	0 52	20 45	0 40	20 51	0 34	7 59	1 13	25 48	3 35	23 10	23 4	11 3	5 23	5 55
S 6	22 17	22 11	3 52	22 34	1 0	22 42	0 40	0 22	0 3	15 53	0 52	20 44	0 40	20 50	0 34	7 59	1 13	25 49	3 35	23 10	23 4	11 5	5 24	5 55
S 7	22 9	18 52	4 34	22 47	0 47	22 48	0 37	0 37	0 2	15 53	0 52	20 42	0 40	20 50	0 34	8 0	1 13	25 49	3 35	23 10	23 3	11 8	5 24	5 55
M 8	22 1	14 31	5 2	22 59	0 33	22 54	0 34	0 52	0 1	15 53	0 51	20 41	0 40	20 49	0 34	8 0	1 13	25 49	3 35	23 9	23 3	11 11	5 25	5 55
T 9	21 52	9 22	5 12	23 9	0 20	22 59	0 31	1 7	0 0	15 54	0 51	20 39	0 40	20 48	0 34	8 0	1 13	25 50	3 36	23 9	23 3	11 14	5 25	5 55
W10	21 43	3 41	5 4	23 18	0 7	23 4	0 29	1 22	0s 1	15 54	0 51	20 37	0 40	20 47	0 34	8 1	1 13	25 50	3 36	23 9	23 2	11 16	5 26	5 56
T 11	21 33	2n14	4 38	23 25	0n 6	23 7	0 26	1 37	0 2	15 54	0 51	20 36	0 40	20 46	0 34	8 1	1 13	25 50	3 36	23 9	23 2	11 19	5 26	5 56
F 12	21 23	8 5	3 55	23 29	0 17	23 11	0 23	1 52	0 3	15 55	0 50	20 34	0 40	20 46	0 34	8 2	1 13	25 50	3 36	23 9	23 2	11 22	5 27	5 56
S 13	21 13	13 33	2 58	23 31	0 29	23 13	0 21	2 7	0 4	15 55	0 50	20 33	0 40	20 45	0 34	8 2	1 13	25 51	3 36	23 9	23 2	11 25	5 27	5 56
S 14	21 2	18 18	1 49	23 31	0 39	23 15	0 18	2 23	0 5	15 56	0 50	20 31	0 40	20 44	0 34	8 2	1 13	25 51	3 36	23 9	23 1	11 28	5 28	5 56
M15	20 51	21 58	0 33	23 27	0 49	23 16	0 15	2 38	0 6	15 56	0 50	20 29	0 41	20 43	0 34	8 3	1 13	25 51	3 36	23 9	23 1	11 30	5 29	5 57
T 16	20 40	24 16	0n44	23 22	0 58	23 17	0 12	2 53	0 7	15 57	0 49	20 28	0 41	20 42	0 34	8 3	1 13	25 51	3 36	23 9	23 1	11 33	5 29	5 57
W17	20 28	25 0	1 57	23 13	1 7	23 16	0 10	3 8	0 8	15 58	0 49	20 26	0 41	20 42	0 34	8 4	1 13	25 52	3 36	23 9	23 0	11 36	5 30	5 57
T 18	20 16	24 8	3 3	23 2	1 14	23 16	0 7	3 24	0 9	15 58	0 49	20 24	0 41	20 41	0 34	8 4	1 13	25 52	3 36	23 9	23 0	11 39	5 31	5 57
F 19	20 4	21 51	3 57	22 48	1 21	23 14	0 4	3 39	0 9	15 59	0 49	20 23	0 41	20 40	0 34	8 5	1 13	25 52	3 36	23 8	23 0	11 41	5 31	5 57
S 20	19 51	18 25	4 36	22 32	1 27	23 12	0 2	3 54	0 10	16 0	0 48	20 21	0 41	20 39	0 34	8 5	1 14	25 52	3 36	23 8	23 0	11 44	5 32	5 57
S 21	19 38	14 9	5 0	22 13	1 32	23 9	0n 1	4 10	0 11	16 1	0 48	20 19	0 41	20 38	0 34	8 6	1 14	25 53	3 36	23 7	22 59	11 47	5 33	5 57
M22	19 25	9 22	5 8	21 51	1 36	23 5	0 4	4 25	0 12	16 2	0 48	20 18	0 41	20 38	0 34	8 6	1 14	25 53	3 36	23 6	22 59	11 50	5 33	5 58
T 23	19 11	4 18	5 2	21 27	1 40	23 1	0 6	4 40	0 13	16 3	0 48	20 16	0 41	20 37	0 34	8 7	1 14	25 53	3 37	23 6	22 59	11 52	5 34	5 58
W24	18 57	0s49	4 42	21 1	1 43	22 56	0 9	4 56	0 14	16 4	0 47	20 14	0 41	20 36	0 34	8 7	1 14	25 53	3 37	23 5	22 58	11 55	5 35	5 58
T 25	18 42	5 50	4 10	20 33	1 45	22 51	0 12	5 11	0 15	16 5	0 47	20 12	0 41	20 35	0 34	8 8	1 14	25 54	3 37	23 5	22 58	11 58	5 36	5 58
F 26	18 28	10 36	3 27	20 3	1 46	22 44	0 14	5 27	0 16	16 6	0 47	20 11	0 41	20 34	0 34	8 8	1 14	25 54	3 37	23 5	22 58	12 1	5 36	5 58
S 27	18 13	14 58	2 35	19 32	1 46	22 37	0 17	5 42	0 17	16 7	0 47	20 9	0 42	20 34	0 34	8 9	1 14	25 54	3 37	23 5	22 58	12 3	5 37	5 58
S 28	17 57	18 47	1 37	18 58	1 46	22 30	0 19	5 58	0 18	16 8	0 47	20 7	0 42	20 33	0 34	8 9	1 14	25 54	3 37	23 5	22 57	12 6	5 38	5 58
M29	17 42	21 52	0 34	18 24	1 46	22 21	0 22	6 13	0 19	16 10	0 46	20 6	0 42	20 32	0 34	8 10	1 14	25 55	3 37	23 5	22 57	12 9	5 39	5 58
T 30	17 26	24 0	0s32	17 48	1 44	22 12	0 24	6 29	0 19	16 11	0 46	20 4	0 42	20 31	0 34	8 10	1 14	25 55	3 37	23 5	22 57	12 12	5 40	5 58
W31	17n10	24s59	1s38	17n10	1n42	22n 3	0n27	6s44	0s20	16s12	0n46	20n 2	0n42	20n30	0n34	8s11	1s14	25s55	3s37	23n 5	22n56	12s14	5s41	5n59

Julian Day Number = 2098907.5, Delta T = 21m45s
Ecliptic obliquity = 23°33'53, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°16'56, Lahiri = 10°23'57 Julian Calendar 1 July 1034 == Greg. Calendar 7 July 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

AUGUST 1034 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 59 20	13♌23'27	20♉ 9	19♌48	24♋ 7	16♎54	16♏51	4♌ 7	1♌29	12°R 7	18°R 4	18°R42	17♊ 4	10♏54	0°R42	T 1
F 2	21 3 17	14°21'14	3♒19	21°41	25°21	17°32	16°55	4°15	1°33	12♓ 5	18♉ 3	18♊36	17° 1	11° 1	0♓39	F 2
S 3	21 7 13	15°19'02	16°50	23°33	26°34	18°10	17° 0	4°23	1°36	12° 4	18° 1	18°28	16°58	11° 8	0°37	S 3
S 4	21 11 10	16°16'52	0♓39	25°24	27°48	18°49	17° 4	4°30	1°40	12° 3	18° 0	18°19	16°55	11°14	0°34	S 4
M 5	21 15 6	17°14'44	14°42	27°13	29° 1	19°27	17° 9	4°38	1°43	12° 1	17°59	18° 9	16°52	11°21	0°31	M 5
T 6	21 19 3	18°12'37	28°54	29° 1	0♌15	20° 6	17°14	4°45	1°47	12° 0	17°58	18° 1	16°48	11°28	0°28	T 6
W 7	21 23 0	19°10'32	13♈10	0♍47	1°29	20°45	17°19	4°53	1°51	11°58	17°57	17°54	16°45	11°34	0°26	W 7
T 8	21 26 56	20° 8'28	27°27	2°32	2°43	21°24	17°24	5° 0	1°54	11°57	17°56	17°50	16°42	11°41	0°23	T 8
F 9	21 30 53	21° 6'27	11♉41	4°16	3°56	22° 3	17°30	5° 8	1°58	11°55	17°54	17°48	16°39	11°48	0°20	F 9
S 10	21 34 49	22° 4'28	25°49	5°59	5°10	22°42	17°35	5°15	2° 1	11°54	17°53	17°D48	16°36	11°54	0°17	S 10
S 11	21 38 46	23° 2'31	9♊51	7°40	6°24	23°21	17°41	5°23	2° 5	11°52	17°52	17°48	16°33	12° 1	0°14	S 11
M12	21 42 42	24° 0'35	23°46	9°20	7°38	24° 0	17°47	5°30	2° 8	11°50	17°51	17°R48	16°29	12° 8	0°12	M12
T 13	21 46 39	24°58'42	7♋34	10°59	8°52	24°40	17°53	5°38	2°12	11°49	17°50	17°47	16°26	12°14	0° 9	T 13
W14	21 50 35	25°56'51	21°13	12°37	10° 6	25°19	17°59	5°45	2°15	11°47	17°49	17°43	16°23	12°21	0° 6	W14
T 15	21 54 32	26°55'02	4♌42	14°13	11°20	25°59	18° 6	5°52	2°19	11°46	17°48	17°36	16°20	12°28	0° 3	T 15
F 16	21 58 29	27°53'14	17°59	15°48	12°34	26°39	18°12	6° 0	2°22	11°44	17°47	17°27	16°17	12°34	0° 0	F 16
S 17	22 2 25	28°51'29	1♍ 4	17°22	13°48	27°19	18°19	6° 7	2°26	11°43	17°46	17°15	16°14	12°41	29♒57	S 17
S 18	22 6 22	29°49'45	13°54	18°55	15° 2	27°59	18°26	6°14	2°29	11°41	17°45	17° 3	16°10	12°48	29°55	S 18
M19	22 10 18	0♍48'02	26°29	20°27	16°17	28°39	18°33	6°22	2°33	11°39	17°44	16°50	16° 7	12°54	29°52	M19
T 20	22 14 15	1°46'22	8♎49	21°57	17°31	29°19	18°40	6°29	2°36	11°38	17°43	16°40	16° 4	13° 1	29°49	T 20
W21	22 18 11	2°44'43	20°56	23°26	18°45	29°59	18°47	6°36	2°39	11°36	17°42	16°31	16° 1	13° 8	29°46	W21
T 22	22 22 8	3°43'06	2♏53	24°54	19°59	0♏40	18°54	6°43	2°43	11°34	17°41	16°24	15°58	13°14	29°43	T 22
F 23	22 26 4	4°41'31	14°43	26°21	21°14	1°20	19° 2	6°50	2°46	11°33	17°40	16°21	15°54	13°21	29°40	F 23
S 24	22 30 1	5°39'57	26°32	27°47	22°28	2° 1	19° 9	6°57	2°49	11°31	17°40	16°19	15°51	13°28	29°37	S 24
S 25	22 33 58	6°38'25	8♐24	29°11	23°42	2°41	19°17	7° 4	2°52	11°29	17°39	16°D19	15°48	13°34	29°35	S 25
M26	22 37 54	7°36'55	20°24	0♎34	24°57	3°22	19°25	7°11	2°56	11°28	17°38	16°R19	15°45	13°41	29°32	M26
T 27	22 41 51	8°35'26	2♑39	1°56	26°11	4° 3	19°33	7°18	2°59	11°26	17°37	16°18	15°42	13°48	29°29	T 27
W28	22 45 47	9°33'59	15°12	3°16	27°26	4°44	19°41	7°25	3° 2	11°25	17°36	16°15	15°39	13°54	29°26	W28
T 29	22 49 44	10°32'34	28° 9	4°35	28°40	5°25	19°49	7°32	3° 5	11°23	17°36	16°10	15°35	14° 1	29°23	T 29
F 30	22 53 40	11°31'10	11♒31	5°53	29°55	6° 6	19°58	7°39	3° 8	11°21	17°35	16° 2	15°32	14° 8	29°21	F 30
S 31	22 57 37	12♍29'49	25♒18	7♎ 9	1♍ 9	6♏47	20♏ 6	7♌46	3♌11	11♓20	17♉34	15♊52	15♊29	14♏14	29♒18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n53	24s41	2s40	16n32	1n40	21n53	0n29	7s 0	0s21	16s14	0n46	20n 0	0n42	20n30	0n34	8s11	1s14	25s55	3s37	23n 5	22n56	12s17	5s41	5n59
F 2	16 37	23 0	3 35	15 53	1 37	21 42	0 31	7 15	0 22	16 15	0 45	19 59	0 42	20 29	0 34	8 12	1 14	25 55	3 37	23 4	22 56	12 20	5 42	5 59
S 3	16 20	20 0	4 20	15 13	1 34	21 30	0 34	7 31	0 23	16 17	0 45	19 57	0 42	20 28	0 34	8 13	1 14	25 56	3 37	23 4	22 55	12 23	5 43	5 59
S 4	16 2	15 49	4 50	14 32	1 30	21 18	0 36	7 46	0 24	16 18	0 45	19 55	0 42	20 27	0 34	8 13	1 14	25 56	3 37	23 3	22 55	12 25	5 44	5 59
M 5	15 45	10 43	5 4	13 50	1 25	21 5	0 38	8 2	0 24	16 20	0 45	19 53	0 42	20 26	0 35	8 14	1 14	25 56	3 37	23 2	22 55	12 28	5 45	5 59
T 6	15 27	5 0	4 59	13 8	1 21	20 52	0 41	8 17	0 25	16 21	0 44	19 52	0 42	20 26	0 35	8 14	1 14	25 56	3 37	23 1	22 54	12 31	5 46	5 59
W 7	15 9	1n 0	4 36	12 26	1 16	20 38	0 43	8 33	0 26	16 23	0 44	19 50	0 43	20 25	0 35	8 15	1 14	25 56	3 37	23 1	22 54	12 34	5 47	5 59
T 8	14 51	6 58	3 55	11 43	1 11	20 23	0 45	8 48	0 27	16 25	0 44	19 48	0 43	20 24	0 35	8 16	1 14	25 57	3 37	23 0	22 54	12 36	5 48	5 59
F 9	14 32	12 34	3 0	11 0	1 5	20 8	0 47	9 3	0 28	16 27	0 44	19 47	0 43	20 23	0 35	8 16	1 14	25 57	3 37	23 0	22 53	12 39	5 49	5 59
S 10	14 13	17 28	1 54	10 17	0 59	19 52	0 49	9 19	0 28	16 28	0 43	19 45	0 43	20 22	0 35	8 17	1 14	25 57	3 37	23 0	22 53	12 42	5 50	5 59
S 11	13 54	21 21	0 42	9 33	0 53	19 36	0 51	9 34	0 29	16 30	0 43	19 43	0 43	20 22	0 35	8 17	1 14	25 57	3 37	23 0	22 53	12 44	5 51	5 59
M12	13 35	23 57	0n32	8 49	0 46	19 19	0 53	9 49	0 30	16 32	0 43	19 41	0 43	20 21	0 35	8 18	1 14	25 57	3 37	23 0	22 53	12 47	5 52	5 59
T 13	13 16	25 4	1 43	8 6	0 40	19 1	0 55	10 5	0 31	16 34	0 43	19 40	0 43	20 20	0 35	8 19	1 14	25 57	3 37	23 0	22 52	12 50	5 53	5 59
W14	12 56	24 39	2 48	7 22	0 33	18 43	0 57	10 20	0 32	16 36	0 43	19 38	0 43	20 19	0 35	8 19	1 14	25 58	3 37	23 0	22 52	12 53	5 54	5 59
T 15	12 36	22 47	3 42	6 38	0 26	18 25	0 59	10 35	0 32	16 38	0 42	19 36	0 43	20 19	0 35	8 20	1 14	25 58	3 37	22 59	22 52	12 55	5 55	5 59
F 16	12 16	19 41	4 23	5 55	0 19	18 5	1 0	10 50	0 33	16 40	0 42	19 34	0 43	20 18	0 35	8 20	1 14	25 58	3 37	22 58	22 51	12 58	5 56	5 59
S 17	11 56	15 39	4 50	5 11	0 11	17 46	1 2	11 6	0 34	16 42	0 42	19 33	0 44	20 17	0 35	8 21	1 14	25 58	3 37	22 57	22 51	13 1	5 57	5 59
S 18	11 35	10 59	5 1	4 28	0 4	17 26	1 4	11 21	0 35	16 44	0 42	19 31	0 44	20 16	0 35	8 22	1 14	25 58	3 37	22 56	22 51	13 3	5 58	5 59
M19	11 15	5 57	4 57	3 45	0s 4	17 5	1 5	11 36	0 35	16 46	0 42	19 29	0 44	20 16	0 35	8 22	1 14	25 58	3 37	22 55	22 50	13 6	5 59	5 59
T 20	10 54	0 46	4 39	3 2	0 12	16 44	1 7	11 51	0 36	16 48	0 41	19 28	0 44	20 15	0 35	8 23	1 14	25 59	3 37	22 54	22 50	13 9	6 0	5 59
W21	10 33	4s22	4 9	2 19	0 20	16 22	1 9	12 6	0 37	16 51	0 41	19 26	0 44	20 14	0 35	8 24	1 14	25 59	3 37	22 53	22 50	13 12	6 1	5 59
T 22	10 12	9 16	3 29	1 37	0 27	16 0	1 10	12 21	0 37	16 53	0 41	19 24	0 44	20 13	0 35	8 24	1 14	25 59	3 37	22 52	22 49	13 14	6 2	5 59
F 23	9 50	13 48	2 39	0 55	0 35	15 37	1 11	12 36	0 38	16 55	0 41	19 22	0 44	20 13	0 35	8 25	1 14	25 59	3 37	22 52	22 49	13 17	6 3	5 59
S 24	9 29	17 49	1 43	0 13	0 43	15 14	1 13	12 50	0 39	16 57	0 40	19 21	0 44	20 12	0 35	8 26	1 14	25 59	3 37	22 51	22 49	13 20	6 4	5 59
S 25	9 7	21 8	0 42	0s28	0 52	14 51	1 14	13 5	0 39	17 0	0 40	19 19	0 45	20 11	0 35	8 26	1 14	25 59	3 37	22 51	22 48	13 22	6 5	5 58
M26	8 45	23 35	0s22	1 8	1 0	14 27	1 15	13 20	0 40	17 2	0 40	19 17	0 45	20 10	0 35	8 27	1 14	25 59	3 37	22 51	22 48	13 25	6 6	5 58
T 27	8 23	24 58	1 25	1 48	1 8	14 3	1 16	13 34	0 41	17 4	0 40	19 16	0 45	20 10	0 35	8 28	1 14	25 59	3 37	22 51	22 48	13 28	6 7	5 58
W28	8 1	25 7	2 27	2 28	1 16	13 38	1 17	13 49	0 41	17 7	0 40	19 14	0 45	20 9	0 35	8 28	1 14	25 59	3 37	22 51	22 47	13 30	6 8	5 58
T 29	7 39	23 56	3 22	3 7	1 24	13 13	1 18	14 3	0 42	17 9	0 39	19 12	0 45	20 8	0 35	8 29	1 14	26 0	3 37	22 51	22 47	13 33	6 9	5 58
F 30	7 17	21 23	4 8	3 45	1 32	12 48	1 19	14 18	0 43	17 12	0 39	19 11	0 45	20 8	0 35	8 29	1 14	26 0	3 37	22 50	22 47	13 36	6 10	5 58
S 31	6n54	17s34	4s41	4s23	1s40	12n22	1n20	14s32	0s43	17s14	0n39	19n 9	0n45	20n 7	0n35	8s30	1s14	26s 0	3s37	22n49	22n46	13s39	6s11	5n58

Julian Day Number = 2098938.5, Delta T = 21m45s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'01, Lahiri = 10°24'01 Julian Calendar 1 Aug. 1034 == Greg. Calendar 7 Aug. 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

SEPTEMBER 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 1 33	13♍28'29	9♓29	8♎23	2♍24	7♏29	20♏15	7♌53	3♌14	11°R18	17°R34	15°R41	15♊26	14♏21	29°R15	S 1
M 2	23 5 30	14°27'11	23°57	9°36	3°38	8°10	20°24	7°59	3°17	11♓16	17♑33	15♊29	15°23	14°28	29♒13	M 2
T 3	23 9 27	15°25'55	8♈36	10°47	4°53	8°52	20°33	8° 6	3°20	11°15	17°32	15°18	15°20	14°34	29°10	T 3
W 4	23 13 23	16°24'42	23°18	11°56	6° 8	9°33	20°42	8°13	3°23	11°13	17°32	15°10	15°16	14°41	29° 7	W 4
T 5	23 17 20	17°23'31	7♉56	13° 4	7°22	10°15	20°51	8°19	3°26	11°11	17°31	15° 4	15°13	14°48	29° 4	T 5
F 6	23 21 16	18°22'22	22°25	14° 9	8°37	10°57	21° 0	8°26	3°29	11°10	17°31	15° 0	15°10	14°54	29° 2	F 6
S 7	23 25 13	19°21'15	6♊40	15°12	9°52	11°39	21° 9	8°32	3°32	11° 8	17°30	14°59	15° 7	15° 1	28°59	S 7
S 8	23 29 9	20°20'11	20°41	16°13	11° 7	12°21	21°19	8°39	3°35	11° 6	17°30	14°59	15° 4	15° 8	28°57	S 8
M 9	23 33 6	21°19'09	4♋27	17°11	12°22	13° 3	21°28	8°45	3°38	11° 5	17°29	14°59	15° 0	15°14	28°54	M 9
T 10	23 37 2	22°18'10	17°59	18° 6	13°36	13°45	21°38	8°51	3°40	11° 3	17°29	14°57	14°57	15°21	28°51	T 10
W11	23 40 59	23°17'13	1♌18	18°58	14°51	14°27	21°48	8°58	3°43	11° 1	17°28	14°52	14°54	15°28	28°49	W11
T 12	23 44 56	24°16'18	14°26	19°47	16° 6	15° 9	21°57	9° 4	3°46	11° 0	17°28	14°45	14°51	15°34	28°46	T 12
F 13	23 48 52	25°15'25	27°22	20°33	17°21	15°52	22° 7	9°10	3°48	10°58	17°28	14°35	14°48	15°41	28°44	F 13
S 14	23 52 49	26°14'35	10♍ 6	21°15	18°36	16°34	22°18	9°16	3°51	10°57	17°27	14°23	14°45	15°48	28°42	S 14
S 15	23 56 45	27°13'47	22°39	21°52	19°51	17°17	22°28	9°22	3°54	10°55	17°27	14° 9	14°41	15°54	28°39	S 15
M16	0 0 42	28°13'00	5♎ 1	22°25	21° 6	18° 0	22°38	9°28	3°56	10°54	17°27	13°56	14°38	16° 1	28°37	M16
T 17	0 4 38	29°12'16	17°12	22°52	22°21	18°42	22°48	9°34	3°59	10°52	17°27	13°44	14°35	16° 8	28°34	T 17
W18	0 8 35	0♎11'34	29°12	23°15	23°36	19°25	22°59	9°40	4° 1	10°50	17°26	13°34	14°32	16°14	28°32	W18
T 19	0 12 31	1°10'54	11♏ 5	23°31	24°51	20° 8	23° 9	9°45	4° 4	10°49	17°26	13°27	14°29	16°21	28°30	T 19
F 20	0 16 28	2°10'16	22°53	23°41	26° 6	20°51	23°20	9°51	4° 6	10°47	17°26	13°22	14°25	16°28	28°28	F 20
S 21	0 20 24	3° 9'40	4♐39	23°R44	27°21	21°34	23°31	9°57	4° 8	10°46	17°26	13°20	14°22	16°34	28°25	S 21
S 22	0 24 21	4° 9'06	16°29	23°40	28°36	22°17	23°42	10° 2	4°11	10°44	17°26	13°D20	14°19	16°41	28°23	S 22
M23	0 28 18	5° 8'33	28°27	23°28	29°51	23° 1	23°53	10° 8	4°13	10°43	17°26	13°20	14°16	16°48	28°21	M23
T 24	0 32 14	6° 8'03	10♑39	23° 7	1♏ 6	23°44	24° 4	10°13	4°15	10°41	17°26	13°R20	14°13	16°54	28°19	T 24
W25	0 36 11	7° 7'34	23°10	22°39	2°22	24°27	24°15	10°18	4°17	10°40	17°D26	13°19	14°10	17° 1	28°17	W25
T 26	0 40 7	8° 7'07	6♒ 5	22° 1	3°37	25°11	24°26	10°24	4°19	10°38	17°26	13°16	14° 6	17° 8	28°15	T 26
F 27	0 44 4	9° 6'42	19°27	21°16	4°52	25°55	24°37	10°29	4°21	10°37	17°26	13°10	14° 3	17°14	28°13	F 27
S 28	0 48 0	10° 6'18	3♓19	20°22	6° 7	26°38	24°49	10°34	4°23	10°36	17°26	13° 2	14° 0	17°21	28°11	S 28
S 29	0 51 57	11° 5'56	17°38	19°21	7°22	27°22	25° 0	10°39	4°25	10°34	17°26	12°53	13°57	17°28	28° 9	S 29
M30	0 55 53	12♎ 5'37	2♈21	18♎14	8♎37	28♏ 6	25♏11	10♌44	4♌27	10♓33	17♑26	12♊43	13♊54	17♏34	28♒ 7	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n32	12s39	4s59	5s 0	1s48	11n56	1n21	14s46	0s44	17s17	0n39	19n 8	0n45	20n 6	0n35	8s31	1s14	26s 0	3s37	22n47	22n46	13s41	6s12	5n58
M 2	6 9	6 57	4 57	5 36	1 56	11 30	1 22	15 1	0 45	17 19	0 39	19 6	0 46	20 6	0 35	8 31	1 15	26 0	3 37	22 46	22 45	13 44	6 13	5 58
T 3	5 46	0 48	4 36	6 11	2 4	11 3	1 23	15 15	0 45	17 22	0 39	19 4	0 46	20 5	0 35	8 32	1 15	26 0	3 37	22 45	22 45	13 47	6 14	5 57
W 4	5 23	5n26	3 57	6 45	2 11	10 36	1 23	15 28	0 46	17 24	0 38	19 3	0 46	20 4	0 35	8 33	1 15	26 0	3 37	22 44	22 45	13 49	6 15	5 57
T 5	5 0	11 21	3 2	7 19	2 19	10 9	1 24	15 42	0 47	17 27	0 38	19 1	0 46	20 4	0 35	8 33	1 15	26 0	3 37	22 43	22 44	13 52	6 17	5 57
F 6	4 37	16 36	1 56	7 51	2 26	9 41	1 24	15 56	0 47	17 29	0 38	19 0	0 46	20 3	0 35	8 34	1 15	26 0	3 37	22 43	22 44	13 55	6 18	5 57
S 7	4 14	20 49	0 44	8 22	2 33	9 13	1 25	16 10	0 48	17 32	0 38	18 58	0 46	20 2	0 35	8 35	1 15	26 0	3 37	22 43	22 44	13 57	6 19	5 57
S 8	3 51	23 44	0n30	8 52	2 40	8 45	1 25	16 23	0 48	17 35	0 38	18 56	0 46	20 2	0 35	8 35	1 15	26 0	3 37	22 43	22 43	14 0	6 20	5 57
M 9	3 28	25 10	1 41	9 21	2 47	8 16	1 25	16 37	0 49	17 37	0 37	18 55	0 46	20 1	0 35	8 36	1 15	26 0	3 37	22 43	22 43	14 3	6 21	5 56
T 10	3 4	25 4	2 45	9 48	2 53	7 48	1 26	16 50	0 49	17 40	0 37	18 53	0 47	20 0	0 35	8 36	1 15	26 0	3 37	22 43	22 43	14 5	6 22	5 56
W11	2 41	23 32	3 39	10 13	2 59	7 19	1 26	17 3	0 50	17 43	0 37	18 52	0 47	20 0	0 35	8 37	1 15	26 0	3 37	22 42	22 42	14 8	6 23	5 56
T 12	2 17	20 44	4 20	10 37	3 4	6 50	1 26	17 16	0 51	17 45	0 37	18 50	0 47	19 59	0 35	8 38	1 15	26 1	3 37	22 41	22 42	14 11	6 24	5 56
F 13	1 54	16 56	4 47	10 59	3 10	6 21	1 26	17 29	0 51	17 48	0 37	18 49	0 47	19 59	0 35	8 38	1 15	26 1	3 37	22 40	22 42	14 13	6 25	5 56
S 14	1 30	12 26	5 0	11 20	3 14	5 51	1 26	17 42	0 52	17 51	0 37	18 47	0 47	19 58	0 35	8 39	1 15	26 1	3 37	22 39	22 41	14 16	6 26	5 55
S 15	1 6	7 28	4 57	11 38	3 18	5 21	1 26	17 55	0 52	17 54	0 36	18 46	0 47	19 57	0 35	8 39	1 15	26 1	3 37	22 37	22 41	14 19	6 27	5 55
M16	0 43	2 17	4 41	11 53	3 22	4 52	1 26	18 8	0 53	17 57	0 36	18 44	0 47	19 57	0 36	8 40	1 15	26 1	3 37	22 36	22 41	14 21	6 28	5 55
T 17	0 19	2s55	4 12	12 6	3 25	4 22	1 26	18 20	0 53	17 59	0 36	18 43	0 48	19 56	0 36	8 41	1 15	26 1	3 37	22 34	22 40	14 24	6 29	5 55
W18	0s 5	7 57	3 32	12 16	3 27	3 52	1 25	18 32	0 54	18 2	0 36	18 41	0 48	19 56	0 36	8 41	1 15	26 1	3 37	22 33	22 40	14 27	6 30	5 55
T 19	0 28	12 40	2 42	12 24	3 28	3 21	1 25	18 45	0 54	18 5	0 36	18 40	0 48	19 55	0 36	8 42	1 14	26 1	3 37	22 32	22 39	14 29	6 31	5 54
F 20	0 52	16 52	1 47	12 27	3 28	2 51	1 25	18 57	0 55	18 8	0 36	18 39	0 48	19 55	0 36	8 42	1 14	26 1	3 37	22 31	22 39	14 32	6 32	5 54
S 21	1 16	20 26	0 46	12 28	3 27	2 21	1 24	19 9	0 55	18 11	0 35	18 37	0 48	19 54	0 36	8 43	1 14	26 1	3 37	22 31	22 39	14 34	6 33	5 54
S 22	1 40	23 9	0s17	12 24	3 25	1 50	1 24	19 20	0 56	18 14	0 35	18 36	0 48	19 54	0 36	8 44	1 14	26 1	3 37	22 31	22 38	14 37	6 34	5 54
M23	2 3	24 53	1 20	12 16	3 21	1 20	1 23	19 32	0 56	18 16	0 35	18 35	0 48	19 53	0 36	8 44	1 14	26 1	3 37	22 31	22 38	14 40	6 35	5 53
T 24	2 27	25 28	2 20	12 4	3 16	0 49	1 22	19 43	0 57	18 19	0 35	18 33	0 49	19 53	0 36	8 45	1 14	26 1	3 37	22 31	22 38	14 42	6 36	5 53
W25	2 51	24 47	3 16	11 47	3 9	0 18	1 22	19 55	0 57	18 22	0 35	18 32	0 49	19 52	0 36	8 45	1 14	26 1	3 37	22 31	22 37	14 45	6 37	5 53
T 26	3 14	22 46	4 3	11 25	3 1	0s13	1 21	20 6	0 58	18 25	0 35	18 31	0 49	19 52	0 36	8 46	1 14	26 1	3 37	22 31	22 37	14 48	6 38	5 53
F 27	3 38	19 28	4 39	10 58	2 50	0 43	1 20	20 17	0 58	18 28	0 34	18 29	0 49	19 51	0 36	8 46	1 14	26 1	3 37	22 30	22 36	14 50	6 39	5 52
S 28	4 1	15 0	5 0	10 26	2 38	1 14	1 19	20 27	0 59	18 31	0 34	18 28	0 49	19 51	0 36	8 47	1 14	26 1	3 37	22 29	22 36	14 53	6 39	5 52
S 29	4 25	9 33	5 3	9 50	2 24	1 45	1 18	20 38	0 59	18 34	0 34	18 27	0 49	19 50	0 36	8 47	1 14	26 0	3 37	22 28	22 36	14 55	6 40	5 52
M30	4s48	3s27	4s47	9s10	2s 8	2s15	1n17	20s48	1s 0	18s37	0n34	18n26	0n50	19n50	0n36	8s48	1s14	26s 0	3s37	22n26	22n35	14s58	6s41	5n52

Julian Day Number = 2098969.5, Delta T = 21m45s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'05, Lahiri = 10°24'05 Julian Calendar 1 Sept. 1034 == Greg. Calendar 7 Sept. 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

OCTOBER 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 59 50	13♎ 5'19	17♈19	17°R 3	9♎53	28♏50	25♏23	10♌49	4♌29	10°R32	17♉26	12°R34	13♊51	17♏41	28°R 6	T 1
W 2	1 3 47	14° 5'03	2♉24	15♎48	11° 8	29°33	25°35	10°54	4°31	10♓30	17°26	12♊27	13°47	17°48	28♒ 4	W 2
T 3	1 7 43	15° 4'50	17°25	14°33	12°23	0♐17	25°46	10°58	4°33	10°29	17°27	12°22	13°44	17°54	28° 2	T 3
F 4	1 11 40	16° 4'38	2♊15	13°19	13°38	1° 1	25°58	11° 3	4°34	10°28	17°27	12°19	13°41	18° 1	28° 1	F 4
S 5	1 15 36	17° 4'29	16°47	12° 8	14°54	1°46	26°10	11° 8	4°36	10°26	17°27	12°D19	13°38	18° 8	27°59	S 5
S 6	1 19 33	18° 4'23	0♋59	11° 4	16° 9	2°30	26°22	11°12	4°38	10°25	17°27	12°20	13°35	18°14	27°57	S 6
M 7	1 23 29	19° 4'18	14°49	10° 7	17°24	3°14	26°34	11°17	4°39	10°24	17°28	12°R21	13°31	18°21	27°56	M 7
T 8	1 27 26	20° 4'16	28°18	9°20	18°39	3°59	26°46	11°21	4°41	10°23	17°28	12°20	13°28	18°28	27°54	T 8
W 9	1 31 22	21° 4'16	11♌28	8°43	19°55	4°43	26°58	11°25	4°42	10°22	17°29	12°18	13°25	18°34	27°53	W 9
T 10	1 35 19	22° 4'19	24°22	8°18	21°10	5°27	27°10	11°29	4°44	10°20	17°29	12°14	13°22	18°41	27°52	T 10
F 11	1 39 16	23° 4'23	7♍ 2	8° 4	22°25	6°12	27°23	11°33	4°45	10°19	17°29	12° 7	13°19	18°48	27°50	F 11
S 12	1 43 12	24° 4'29	19°29	8°D 1	23°41	6°57	27°35	11°37	4°47	10°18	17°30	11°59	13°16	18°54	27°49	S 12
S 13	1 47 9	25° 4'38	1♎47	8°10	24°56	7°41	27°47	11°41	4°48	10°17	17°30	11°50	13°12	19° 1	27°48	S 13
M14	1 51 5	26° 4'48	13°55	8°29	26°11	8°26	28° 0	11°45	4°49	10°16	17°31	11°41	13° 9	19° 7	27°47	M14
T 15	1 55 2	27° 5'01	25°55	8°58	27°27	9°11	28°12	11°49	4°50	10°15	17°31	11°33	13° 6	19°14	27°46	T 15
W16	1 58 58	28° 5'15	7♏49	9°36	28°42	9°56	28°25	11°52	4°51	10°14	17°32	11°26	13° 3	19°21	27°45	W16
T 17	2 2 55	29° 5'31	19°38	10°22	29°57	10°41	28°38	11°56	4°52	10°13	17°33	11°21	13° 0	19°27	27°44	T 17
F 18	2 6 51	0♏ 5'49	1♐25	11°15	1♏13	11°26	28°50	11°59	4°53	10°12	17°33	11°19	12°57	19°34	27°43	F 18
S 19	2 10 48	1° 6'09	13°11	12°15	2°28	12°11	29° 3	12° 2	4°54	10°11	17°34	11°D18	12°53	19°41	27°42	S 19
S 20	2 14 44	2° 6'30	25° 2	13°20	3°44	12°56	29°16	12° 5	4°55	10°10	17°35	11°19	12°50	19°47	27°41	S 20
M21	2 18 41	3° 6'52	7♑ 0	14°30	4°59	13°41	29°29	12° 9	4°56	10°10	17°35	11°21	12°47	19°54	27°40	M21
T 22	2 22 38	4° 7'17	19°10	15°45	6°14	14°27	29°41	12°12	4°57	10° 9	17°36	11°22	12°44	20° 1	27°40	T 22
W23	2 26 34	5° 7'42	1♒38	17° 3	7°30	15°12	29°54	12°14	4°58	10° 8	17°37	11°R23	12°41	20° 7	27°39	W23
T 24	2 30 31	6° 8'09	14°27	18°23	8°45	15°57	0♐ 7	12°17	4°58	10° 7	17°38	11°23	12°37	20°14	27°38	T 24
F 25	2 34 27	7° 8'38	27°43	19°47	10° 0	16°43	0°20	12°20	4°59	10° 6	17°39	11°21	12°34	20°21	27°38	F 25
S 26	2 38 24	8° 9'07	11♓27	21°12	11°16	17°28	0°33	12°22	5° 0	10° 6	17°39	11°18	12°31	20°27	27°37	S 26
S 27	2 42 20	9° 9'38	25°39	22°39	12°31	18°14	0°46	12°25	5° 0	10° 5	17°40	11°14	12°28	20°34	27°37	S 27
M28	2 46 17	10°10'11	10♈19	24° 8	13°47	18°59	1° 0	12°27	5° 1	10° 4	17°41	11° 9	12°25	20°41	27°37	M28
T 29	2 50 13	11°10'44	25°19	25°38	15° 2	19°45	1°13	12°30	5° 1	10° 4	17°42	11° 4	12°22	20°47	27°36	T 29
W30	2 54 10	12°11'20	10♉32	27° 9	16°17	20°31	1°26	12°32	5° 1	10° 3	17°43	11° 1	12°18	20°54	27°36	W30
T 31	2 58 7	13♏11'56	25♉48	28♎40	17♏33	21♐17	1♐39	12♌34	5♌ 2	10♓ 3	17♑44	10♊59	12♊15	21♏ 1	27♒36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s12	2n59	4s11	8s26	1s51	2s46	1n16	20s59	1s 0	18s40	0n34	18n25	0n50	19n49	0n36	8s48	1s14	26s 0	3s37	22n25	22n35	15s 1	6s42	5n51
W 2	5 35	9 17	3 17	7 40	1 32	3 17	1 15	21 9	1 0	18 43	0 34	18 23	0 50	19 49	0 36	8 49	1 14	26 0	3 37	22 24	22 35	15 3	6 43	5 51
T 3	5 58	15 3	2 9	6 52	1 12	3 47	1 14	21 19	1 1	18 46	0 34	18 22	0 50	19 49	0 36	8 49	1 14	26 0	3 37	22 24	22 34	15 6	6 44	5 51
F 4	6 21	19 51	0 54	6 4	0 52	4 18	1 12	21 28	1 1	18 49	0 33	18 21	0 50	19 48	0 36	8 50	1 14	26 0	3 37	22 23	22 34	15 9	6 45	5 50
S 5	6 44	23 18	0n24	5 18	0 31	4 48	1 11	21 38	1 2	18 51	0 33	18 20	0 50	19 48	0 36	8 50	1 14	26 0	3 37	22 23	22 33	15 11	6 45	5 50
S 6	7 7	25 12	1 39	4 34	0 10	5 19	1 10	21 47	1 2	18 54	0 33	18 19	0 51	19 48	0 36	8 51	1 14	26 0	3 37	22 23	22 33	15 14	6 46	5 50
M 7	7 30	25 29	2 45	3 53	0n10	5 49	1 8	21 56	1 2	18 57	0 33	18 18	0 51	19 47	0 36	8 51	1 14	26 0	3 37	22 24	22 33	15 16	6 47	5 49
T 8	7 53	24 13	3 41	3 17	0 28	6 19	1 7	22 5	1 3	19 0	0 33	18 17	0 51	19 47	0 36	8 52	1 14	26 0	3 37	22 24	22 32	15 19	6 48	5 49
W 9	8 16	21 40	4 24	2 46	0 46	6 49	1 5	22 14	1 3	19 3	0 33	18 16	0 51	19 46	0 36	8 52	1 14	26 0	3 37	22 23	22 32	15 22	6 49	5 49
T 10	8 38	18 4	4 53	2 21	1 2	7 19	1 4	22 22	1 3	19 6	0 33	18 15	0 51	19 46	0 36	8 52	1 14	26 0	3 37	22 23	22 31	15 24	6 49	5 49
F 11	9 1	13 42	5 6	2 2	1 17	7 49	1 2	22 30	1 4	19 9	0 32	18 14	0 51	19 46	0 36	8 53	1 14	26 0	3 37	22 22	22 31	15 27	6 50	5 48
S 12	9 23	8 51	5 5	1 50	1 30	8 18	1 0	22 38	1 4	19 12	0 32	18 13	0 52	19 46	0 36	8 53	1 14	26 0	3 37	22 21	22 31	15 29	6 51	5 48
S 13	9 45	3 42	4 49	1 43	1 41	8 48	0 59	22 46	1 5	19 15	0 32	18 12	0 52	19 45	0 36	8 54	1 14	26 0	3 37	22 20	22 30	15 32	6 52	5 48
M14	10 7	1s31	4 21	1 42	1 50	9 17	0 57	22 54	1 5	19 18	0 32	18 11	0 52	19 45	0 37	8 54	1 14	25 59	3 37	22 18	22 30	15 35	6 52	5 47
T 15	10 29	6 38	3 41	1 46	1 58	9 46	0 55	23 1	1 5	19 21	0 32	18 10	0 52	19 45	0 37	8 54	1 14	25 59	3 37	22 17	22 29	15 37	6 53	5 47
W16	10 51	11 29	2 52	1 56	2 4	10 14	0 53	23 8	1 5	19 24	0 32	18 9	0 52	19 45	0 37	8 55	1 14	25 59	3 37	22 16	22 29	15 40	6 54	5 47
T 17	11 13	15 53	1 55	2 10	2 8	10 43	0 51	23 15	1 6	19 27	0 32	18 9	0 52	19 44	0 37	8 55	1 14	25 59	3 37	22 16	22 29	15 42	6 54	5 46
F 18	11 34	19 41	0 54	2 28	2 11	11 11	0 50	23 22	1 6	19 30	0 32	18 8	0 53	19 44	0 37	8 55	1 14	25 59	3 37	22 15	22 28	15 45	6 55	5 46
S 19	11 55	22 40	0s10	2 49	2 13	11 39	0 48	23 28	1 6	19 32	0 31	18 7	0 53	19 44	0 37	8 56	1 14	25 59	3 37	22 15	22 28	15 47	6 56	5 46
S 20	12 16	24 42	1 14	3 14	2 14	12 7	0 46	23 34	1 7	19 35	0 31	18 6	0 53	19 44	0 37	8 56	1 14	25 59	3 37	22 15	22 27	15 50	6 56	5 45
M21	12 37	25 38	2 16	3 41	2 14	12 34	0 44	23 40	1 7	19 38	0 31	18 6	0 53	19 44	0 37	8 56	1 14	25 59	3 37	22 16	22 27	15 53	6 57	5 45
T 22	12 58	25 21	3 12	4 11	2 13	13 1	0 42	23 46	1 7	19 41	0 31	18 5	0 53	19 43	0 37	8 57	1 14	25 59	3 37	22 16	22 27	15 55	6 57	5 45
W23	13 18	23 49	4 1	4 43	2 11	13 28	0 39	23 51	1 8	19 44	0 31	18 4	0 54	19 43	0 37	8 57	1 14	25 58	3 37	22 16	22 26	15 58	6 58	5 44
T 24	13 38	21 1	4 39	5 16	2 9	13 54	0 37	23 57	1 8	19 47	0 31	18 4	0 54	19 43	0 37	8 57	1 14	25 58	3 36	22 16	22 26	16 0	6 58	5 44
F 25	13 58	17 5	5 4	5 50	2 5	14 20	0 35	24 2	1 8	19 50	0 31	18 3	0 54	19 43	0 37	8 57	1 14	25 58	3 36	22 16	22 25	16 3	6 59	5 43
S 26	14 18	12 7	5 13	6 26	2 2	14 46	0 33	24 6	1 8	19 53	0 31	18 3	0 54	19 43	0 37	8 58	1 14	25 58	3 36	22 15	22 25	16 5	6 59	5 43
S 27	14 37	6 22	5 3	7 3	1 57	15 11	0 31	24 11	1 8	19 55	0 30	18 2	0 54	19 43	0 37	8 58	1 14	25 58	3 36	22 15	22 25	16 8	7 0	5 43
M28	14 57	0 5	4 33	7 40	1 53	15 36	0 29	24 15	1 9	19 58	0 30	18 2	0 55	19 43	0 37	8 58	1 14	25 58	3 36	22 14	22 24	16 10	7 0	5 42
T 29	15 16	6n22	3 45	8 17	1 48	16 1	0 26	24 19	1 9	20 1	0 30	18 1	0 55	19 43	0 37	8 58	1 14	25 58	3 36	22 13	22 24	16 13	7 1	5 42
W30	15 34	12 32	2 39	8 55	1 42	16 25	0 24	24 22	1 9	20 4	0 30	18 1	0 55	19 43	0 37	8 59	1 14	25 58	3 36	22 13	22 23	16 16	7 1	5 42
T 31	15s53	17n58	1s22	9s34	1n36	16s49	0n22	24s26	1s 9	20s 7	0n30	18n 0	0n55	19n43	0n37	8s59	1s14	25s57	3s36	22n12	22n23	16s18	7s 2	5n41

Julian Day Number = 2098999.5, Delta T = 21m44s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'09, Lahiri = 10°24'10 Julian Calendar 1 Oct. 1034 == Greg. Calendar 7 Oct. 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

NOVEMBER 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 2 3	14♏12'35	10♊56	0♏13	18♏48	22♐ 2	1♐52	12♌36	5♌ 2	10°R 2	17♑45	10°D58	12♊12	21♏ 7	27°R36	F 1
S 2	3 6 0	15°13'15	25°47	1°46	20° 4	22°48	2° 6	12°38	5° 2	10♓ 2	17°46	10♊59	12° 9	21°14	27♒36	S 2
S 3	3 9 56	16°13'57	10♋16	3°19	21°19	23°34	2°19	12°39	5° 2	10° 1	17°47	11° 0	12° 6	21°21	27°D36	S 3
M 4	3 13 53	17°14'40	24°19	4°52	22°34	24°20	2°32	12°41	5° 2	10° 1	17°48	11° 1	12° 2	21°27	27°36	M 4
T 5	3 17 49	18°15'25	7♌57	6°26	23°50	25° 6	2°46	12°43	5°R 2	10° 0	17°50	11° 3	11°59	21°34	27°36	T 5
W 6	3 21 46	19°16'12	21° 9	8° 0	25° 5	25°52	2°59	12°44	5° 2	10° 0	17°51	11°R 3	11°56	21°41	27°36	W 6
T 7	3 25 43	20°17'00	4♍ 0	9°34	26°21	26°38	3°13	12°45	5° 2	10° 0	17°52	11° 2	11°53	21°47	27°36	T 7
F 8	3 29 39	21°17'50	16°33	11° 8	27°36	27°25	3°26	12°46	5° 2	9°59	17°53	11° 1	11°50	21°54	27°37	F 8
S 9	3 33 36	22°18'41	28°51	12°42	28°51	28°11	3°40	12°48	5° 2	9°59	17°54	10°58	11°47	22° 1	27°37	S 9
S 10	3 37 32	23°19'33	10♎57	14°16	0♐ 7	28°57	3°53	12°49	5° 2	9°59	17°56	10°55	11°43	22° 7	27°37	S 10
M11	3 41 29	24°20'27	22°55	15°50	1°22	29°43	4° 7	12°49	5° 1	9°59	17°57	10°52	11°40	22°14	27°38	M11
T 12	3 45 25	25°21'23	4♏47	17°25	2°38	0♑30	4°20	12°50	5° 1	9°59	17°58	10°50	11°37	22°21	27°38	T 12
W13	3 49 22	26°22'19	16°36	18°59	3°53	1°16	4°34	12°51	5° 0	9°59	17°59	10°48	11°34	22°27	27°39	W13
T 14	3 53 18	27°23'17	28°24	20°33	5° 8	2° 2	4°47	12°51	5° 0	9°58	18° 1	10°47	11°31	22°34	27°39	T 14
F 15	3 57 15	28°24'16	10♐12	22° 7	6°24	2°49	5° 1	12°52	4°59	9°58	18° 2	10°D46	11°28	22°40	27°40	F 15
S 16	4 1 12	29°25'16	22° 4	23°41	7°39	3°35	5°14	12°52	4°59	9°D58	18° 3	10°47	11°24	22°47	27°41	S 16
S 17	4 5 8	0♐26'16	4♑ 0	25°15	8°55	4°22	5°28	12°52	4°58	9°58	18° 5	10°47	11°21	22°54	27°42	S 17
M18	4 9 5	1°27'18	16° 5	26°49	10°10	5° 9	5°42	12°R52	4°57	9°58	18° 6	10°48	11°18	23° 0	27°43	M18
T 19	4 13 1	2°28'20	28°21	28°23	11°25	5°55	5°55	12°52	4°57	9°59	18° 8	10°49	11°15	23° 7	27°44	T 19
W20	4 16 58	3°29'23	10♒51	29°57	12°41	6°42	6° 9	12°52	4°56	9°59	18° 9	10°50	11°12	23°14	27°44	W20
T 21	4 20 54	4°30'27	23°38	1♐31	13°56	7°29	6°23	12°52	4°55	9°59	18°11	10°51	11° 8	23°20	27°46	T 21
F 22	4 24 51	5°31'31	6♓47	3° 6	15°12	8°15	6°36	12°51	4°54	9°59	18°12	10°R51	11° 5	23°27	27°47	F 22
S 23	4 28 47	6°32'35	20°20	4°40	16°27	9° 2	6°50	12°51	4°53	9°59	18°14	10°50	11° 2	23°34	27°48	S 23
S 24	4 32 44	7°33'40	4♈18	6°14	17°42	9°49	7° 4	12°50	4°52	10° 0	18°15	10°50	10°59	23°40	27°49	S 24
M25	4 36 41	8°34'45	18°41	7°49	18°58	10°36	7°17	12°50	4°51	10° 0	18°17	10°50	10°56	23°47	27°50	M25
T 26	4 40 37	9°35'51	3♉26	9°23	20°13	11°23	7°31	12°49	4°50	10° 0	18°18	10°50	10°53	23°54	27°52	T 26
W27	4 44 34	10°36'57	18°28	10°58	21°28	12° 9	7°45	12°48	4°49	10° 1	18°20	10°D50	10°49	24° 0	27°53	W27
T 28	4 48 30	11°38'04	3♊39	12°33	22°44	12°56	7°58	12°47	4°48	10° 1	18°22	10°R50	10°46	24° 7	27°54	T 28
F 29	4 52 27	12°39'11	18°49	14° 8	23°59	13°43	8°12	12°46	4°46	10° 1	18°23	10°50	10°43	24°14	27°56	F 29
S 30	4 56 23	13♐40'19	3♋48	15♐43	25♐14	14♑30	8♐25	12♌44	4♌45	10♓ 2	18♑25	10♊50	10♊40	24♏20	27♒57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s11	22n12	0s 0	10s12	1n30	17s12	0n19	24s29	1s10	20s 9	0n30	18n 0	0n55	19n43	0n37	8s59	1s14	25s57	3s36	22n12	22n22	16s21	7s 2	5n41
S 2	16 29	24 51	1n21	10 50	1 24	17 35	0 17	24 32	1 10	20 12	0 30	18 0	0 55	19 43	0 37	8 59	1 14	25 57	3 36	22 12	22 22	16 23	7 2	5 41
S 3	16 47	25 44	2 34	11 28	1 18	17 57	0 15	24 34	1 10	20 15	0 30	17 59	0 56	19 43	0 37	8 59	1 14	25 57	3 36	22 13	22 22	16 26	7 3	5 40
M 4	17 4	24 55	3 37	12 6	1 11	18 19	0 12	24 37	1 10	20 18	0 30	17 59	0 56	19 43	0 37	8 59	1 14	25 57	3 36	22 13	22 21	16 28	7 3	5 40
T 5	17 21	22 38	4 25	12 43	1 5	18 40	0 10	24 39	1 10	20 20	0 29	17 59	0 56	19 43	0 37	8 59	1 14	25 57	3 36	22 13	22 21	16 31	7 3	5 40
W 6	17 38	19 12	4 57	13 20	0 58	19 1	0 8	24 40	1 10	20 23	0 29	17 59	0 56	19 43	0 37	9 0	1 13	25 56	3 36	22 13	22 20	16 33	7 4	5 39
T 7	17 55	14 57	5 13	13 57	0 51	19 21	0 5	24 42	1 11	20 26	0 29	17 58	0 56	19 43	0 37	9 0	1 13	25 56	3 36	22 13	22 20	16 36	7 4	5 39
F 8	18 11	10 9	5 14	14 33	0 44	19 41	0 3	24 43	1 11	20 29	0 29	17 58	0 57	19 43	0 38	9 0	1 13	25 56	3 36	22 13	22 19	16 38	7 4	5 38
S 9	18 27	5 3	5 0	15 8	0 38	20 0	0 0	24 44	1 11	20 31	0 29	17 58	0 57	19 43	0 38	9 0	1 13	25 56	3 36	22 12	22 19	16 41	7 4	5 38
S 10	18 42	0s10	4 34	15 43	0 31	20 19	0s 2	24 45	1 11	20 34	0 29	17 58	0 57	19 43	0 38	9 0	1 13	25 56	3 36	22 12	22 19	16 43	7 4	5 38
M11	18 57	5 19	3 55	16 17	0 24	20 37	0 4	24 45	1 11	20 36	0 29	17 58	0 57	19 43	0 38	9 0	1 13	25 56	3 36	22 12	22 18	16 46	7 5	5 37
T 12	19 12	10 16	3 6	16 51	0 17	20 54	0 7	24 45	1 11	20 39	0 29	17 58	0 57	19 43	0 38	9 0	1 13	25 55	3 36	22 11	22 18	16 48	7 5	5 37
W13	19 27	14 49	2 10	17 24	0 10	21 11	0 9	24 45	1 11	20 42	0 29	17 58	0 58	19 43	0 38	9 0	1 13	25 55	3 36	22 11	22 17	16 51	7 5	5 37
T 14	19 41	18 48	1 8	17 56	0 3	21 28	0 12	24 44	1 11	20 44	0 29	17 58	0 58	19 44	0 38	9 0	1 13	25 55	3 36	22 11	22 17	16 53	7 5	5 36
F 15	19 55	22 3	0 3	18 27	0s 4	21 43	0 14	24 44	1 11	20 47	0 28	17 58	0 58	19 44	0 38	9 0	1 13	25 55	3 36	22 11	22 16	16 56	7 5	5 36
S 16	20 8	24 22	1s 2	18 58	0 10	21 58	0 16	24 42	1 12	20 49	0 28	17 58	0 58	19 44	0 38	9 0	1 13	25 55	3 36	22 11	22 16	16 58	7 5	5 36
S 17	20 21	25 36	2 6	19 27	0 17	22 13	0 19	24 41	1 12	20 52	0 28	17 58	0 58	19 44	0 38	9 0	1 13	25 55	3 36	22 11	22 16	17 1	7 5	5 35
M18	20 34	25 38	3 4	19 56	0 24	22 26	0 21	24 40	1 12	20 54	0 28	17 58	0 59	19 44	0 38	9 0	1 13	25 54	3 36	22 11	22 15	17 3	7 5	5 35
T 19	20 46	24 26	3 55	20 24	0 30	22 40	0 24	24 38	1 12	20 57	0 28	17 59	0 59	19 45	0 38	9 0	1 13	25 54	3 36	22 11	22 15	17 6	7 5	5 35
W20	20 58	22 1	4 36	20 50	0 36	22 52	0 26	24 35	1 12	20 59	0 28	17 59	0 59	19 45	0 38	9 0	1 13	25 54	3 36	22 11	22 14	17 8	7 5	5 34
T 21	21 9	18 29	5 4	21 16	0 43	23 4	0 28	24 33	1 12	21 2	0 28	17 59	0 59	19 45	0 38	9 0	1 13	25 54	3 36	22 11	22 14	17 11	7 5	5 34
F 22	21 20	13 58	5 17	21 41	0 49	23 15	0 31	24 30	1 12	21 4	0 28	17 59	0 59	19 45	0 38	8 59	1 13	25 54	3 36	22 11	22 13	17 13	7 5	5 33
S 23	21 31	8 39	5 14	22 5	0 55	23 25	0 33	24 27	1 12	21 7	0 28	18 0	1 0	19 46	0 38	8 59	1 13	25 53	3 36	22 11	22 13	17 16	7 5	5 33
S 24	21 41	2 44	4 52	22 27	1 1	23 35	0 35	24 24	1 12	21 9	0 28	18 0	1 0	19 46	0 38	8 59	1 13	25 53	3 36	22 11	22 12	17 18	7 5	5 33
M25	21 51	3n29	4 11	22 49	1 6	23 44	0 37	24 20	1 12	21 11	0 27	18 0	1 0	19 46	0 38	8 59	1 13	25 53	3 36	22 11	22 12	17 21	7 5	5 32
T 26	22 0	9 42	3 13	23 9	1 12	23 52	0 40	24 16	1 12	21 14	0 27	18 1	1 0	19 46	0 38	8 59	1 13	25 53	3 36	22 11	22 12	17 23	7 5	5 32
W27	22 9	15 28	2 1	23 29	1 17	23 59	0 42	24 12	1 12	21 16	0 27	18 1	1 0	19 47	0 38	8 59	1 13	25 53	3 36	22 11	22 11	17 26	7 5	5 32
T 28	22 18	20 20	0 40	23 47	1 22	24 6	0 44	24 8	1 12	21 18	0 27	18 2	1 1	19 47	0 38	8 58	1 13	25 52	3 36	22 11	22 11	17 28	7 5	5 31
F 29	22 26	23 50	0n44	24 3	1 27	24 12	0 46	24 3	1 12	21 21	0 27	18 2	1 1	19 47	0 38	8 58	1 13	25 52	3 36	22 11	22 10	17 30	7 4	5 31
S 30	22s34	25n35	2n 4	24s19	1s32	24s17	0s48	23s58	1s12	21s23	0n27	18n 3	1n 1	19n48	0n38	8s58	1s13	25s52	3s36	22n11	22n10	17s33	7s 4	5n31

Julian Day Number = 2099030.5, Delta T = 21m44s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'13, Lahiri = 10°24'14 Julian Calendar 1 Nov. 1034 == Greg. Calendar 7 Nov. 1034

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ASTRODIENST EPHEMERIS for the year 1034
geocentric

DECEMBER 1034 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 0 20	14♐41'27	18♋30	17♐18	26♐30	15♑17	8♐39	12°R43	4°R44	10♓ 2	18♑26	10°R49	10♊37	24♏27	27♒59	S 1
M 2	5 4 16	15°42'37	2♌47	18°53	27°45	16° 4	8°53	12♌42	4♌42	10° 3	18°28	10♊49	10°34	24°34	28° 1	M 2
T 3	5 8 13	16°43'46	16°37	20°29	29° 0	16°51	9° 6	12°40	4°41	10° 4	18°30	10°48	10°30	24°40	28° 2	T 3
W 4	5 12 10	17°44'56	29°59	22° 5	0♑16	17°38	9°20	12°38	4°39	10° 4	18°31	10°47	10°27	24°47	28° 4	W 4
T 5	5 16 6	18°46'07	12♍56	23°41	1°31	18°25	9°34	12°37	4°38	10° 5	18°33	10°D47	10°24	24°54	28° 6	T 5
F 6	5 20 3	19°47'19	25°31	25°18	2°46	19°12	9°47	12°35	4°36	10° 5	18°35	10°47	10°21	25° 0	28° 8	F 6
S 7	5 23 59	20°48'30	7♎47	26°54	4° 1	20° 0	10° 1	12°33	4°35	10° 6	18°37	10°48	10°18	25° 7	28°10	S 7
S 8	5 27 56	21°49'43	19°49	28°31	5°17	20°47	10°14	12°30	4°33	10° 7	18°38	10°48	10°14	25°13	28°12	S 8
M 9	5 31 52	22°50'56	1♏42	0♑ 8	6°32	21°34	10°28	12°28	4°31	10° 8	18°40	10°50	10°11	25°20	28°14	M 9
T 10	5 35 49	23°52'09	13°30	1°45	7°47	22°21	10°41	12°26	4°29	10° 9	18°42	10°51	10° 8	25°27	28°16	T 10
W11	5 39 45	24°53'22	25°16	3°23	9° 3	23° 8	10°55	12°24	4°28	10° 9	18°44	10°52	10° 5	25°33	28°18	W11
T 12	5 43 42	25°54'36	7♐ 5	5° 1	10°18	23°55	11° 8	12°21	4°26	10°10	18°46	10°R53	10° 2	25°40	28°20	T 12
F 13	5 47 39	26°55'50	18°58	6°38	11°33	24°43	11°22	12°18	4°24	10°11	18°47	10°52	9°59	25°47	28°22	F 13
S 14	5 51 35	27°57'04	0♑58	8°16	12°48	25°30	11°35	12°16	4°22	10°12	18°49	10°51	9°55	25°53	28°24	S 14
S 15	5 55 32	28°58'17	13° 7	9°54	14° 4	26°17	11°49	12°13	4°20	10°13	18°51	10°49	9°52	26° 0	28°27	S 15
M16	5 59 28	29°59'31	25°25	11°32	15°19	27° 5	12° 2	12°10	4°18	10°14	18°53	10°47	9°49	26° 7	28°29	M16
T 17	6 3 25	1♑ 0'44	7♒55	13°10	16°34	27°52	12°15	12° 7	4°16	10°15	18°55	10°43	9°46	26°13	28°31	T 17
W18	6 7 21	2° 1'57	20°37	14°47	17°49	28°39	12°29	12° 4	4°14	10°16	18°57	10°40	9°43	26°20	28°34	W18
T 19	6 11 18	3° 3'10	3♓34	16°24	19° 4	29°26	12°42	12° 1	4°12	10°17	18°58	10°37	9°40	26°27	28°36	T 19
F 20	6 15 15	4° 4'22	16°46	18° 1	20°20	0♒14	12°55	11°58	4°10	10°18	19° 0	10°35	9°36	26°33	28°39	F 20
S 21	6 19 11	5° 5'33	0♈14	19°37	21°35	1° 1	13° 8	11°54	4° 8	10°20	19° 2	10°D34	9°33	26°40	28°41	S 21
S 22	6 23 8	6° 6'44	14° 1	21°12	22°50	1°48	13°21	11°51	4° 5	10°21	19° 4	10°34	9°30	26°47	28°44	S 22
M23	6 27 4	7° 7'54	28° 7	22°46	24° 5	2°36	13°35	11°47	4° 3	10°22	19° 6	10°35	9°27	26°53	28°46	M23
T 24	6 31 1	8° 9'03	12♉30	24°19	25°20	3°23	13°48	11°44	4° 1	10°23	19° 8	10°36	9°24	27° 0	28°49	T 24
W25	6 34 57	9°10'12	27° 8	25°50	26°35	4°10	14° 1	11°40	3°59	10°25	19°10	10°38	9°20	27° 7	28°52	W25
T 26	6 38 54	10°11'20	11♊56	27°18	27°50	4°58	14°14	11°36	3°56	10°26	19°12	10°R38	9°17	27°13	28°55	T 26
F 27	6 42 50	11°12'27	26°49	28°45	29° 5	5°45	14°27	11°33	3°54	10°27	19°14	10°37	9°14	27°20	28°57	F 27
S 28	6 46 47	12°13'34	11♋38	0♒ 8	0♒20	6°32	14°40	11°29	3°52	10°29	19°15	10°35	9°11	27°26	29° 0	S 28
S 29	6 50 44	13°14'40	26°16	1°27	1°35	7°20	14°52	11°25	3°49	10°30	19°17	10°31	9° 8	27°33	29° 3	S 29
M30	6 54 40	14°15'46	10♌36	2°42	2°50	8° 7	15° 5	11°21	3°47	10°31	19°19	10°26	9° 5	27°40	29° 6	M30
T 31	6 58 37	15♑16'51	24♌32	3♒53	4♒ 5	8♒54	15♐18	11♌17	3♌44	10♓33	19♑21	10♊20	9♊ 1	27♏46	29♒ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s41	25n30	3n15	24s33	1s36	24s22	0s50	23s52	1s12	21s25	0n27	18n 3	1n 1	19n48	0n38	8s58	1s13	25s52	3s37	22n11	22n 9	17s35	7s 4	5n30
M 2	22 48	23 42	4 11	24 46	1 41	24 25	0 53	23 47	1 12	21 27	0 27	18 4	1 1	19 49	0 38	8 58	1 13	25 51	3 37	22 11	22 9	17 38	7 4	5 30
T 3	22 54	20 32	4 50	24 58	1 45	24 28	0 55	23 41	1 12	21 29	0 27	18 5	1 2	19 49	0 38	8 57	1 13	25 51	3 37	22 11	22 8	17 40	7 4	5 30
W 4	23 0	16 24	5 12	25 8	1 49	24 30	0 57	23 35	1 12	21 32	0 27	18 5	1 2	19 49	0 39	8 57	1 13	25 51	3 37	22 11	22 8	17 43	7 3	5 29
T 5	23 5	11 37	5 18	25 17	1 52	24 32	0 59	23 28	1 12	21 34	0 27	18 6	1 2	19 50	0 39	8 57	1 13	25 51	3 37	22 11	22 7	17 45	7 3	5 29
F 6	23 10	6 29	5 7	25 24	1 55	24 33	1 0	23 22	1 12	21 36	0 27	18 7	1 2	19 50	0 39	8 57	1 12	25 51	3 37	22 11	22 7	17 48	7 3	5 29
S 7	23 15	1 14	4 43	25 30	1 58	24 33	1 2	23 15	1 11	21 38	0 27	18 8	1 2	19 51	0 39	8 56	1 12	25 50	3 37	22 11	22 7	17 50	7 2	5 28
S 8	23 19	3s58	4 7	25 34	2 1	24 32	1 4	23 7	1 11	21 40	0 26	18 8	1 2	19 51	0 39	8 56	1 12	25 50	3 37	22 11	22 6	17 52	7 2	5 28
M 9	23 22	8 59	3 21	25 37	2 3	24 30	1 6	23 0	1 11	21 42	0 26	18 9	1 3	19 51	0 39	8 56	1 12	25 50	3 37	22 11	22 6	17 55	7 2	5 28
T 10	23 25	13 39	2 26	25 38	2 5	24 28	1 8	22 52	1 11	21 44	0 26	18 10	1 3	19 52	0 39	8 55	1 12	25 50	3 37	22 11	22 5	17 57	7 1	5 27
W11	23 28	17 48	1 25	25 38	2 6	24 25	1 9	22 44	1 11	21 46	0 26	18 11	1 3	19 52	0 39	8 55	1 12	25 50	3 37	22 12	22 5	18 0	7 1	5 27
T 12	23 30	21 16	0 21	25 36	2 8	24 21	1 11	22 36	1 11	21 48	0 26	18 12	1 3	19 53	0 39	8 55	1 12	25 49	3 37	22 12	22 4	18 2	7 0	5 27
F 13	23 32	23 51	0s45	25 32	2 8	24 16	1 13	22 27	1 11	21 50	0 26	18 13	1 3	19 53	0 39	8 54	1 12	25 49	3 37	22 12	22 4	18 4	7 0	5 27
S 14	23 33	25 23	1 49	25 27	2 9	24 11	1 14	22 19	1 11	21 52	0 26	18 14	1 4	19 54	0 39	8 54	1 12	25 49	3 37	22 11	22 3	18 7	6 59	5 26
S 15	23 34	25 43	2 49	25 20	2 8	24 4	1 16	22 10	1 11	21 54	0 26	18 15	1 4	19 54	0 39	8 53	1 12	25 49	3 37	22 11	22 3	18 9	6 59	5 26
M16	23 34	24 48	3 42	25 11	2 8	23 58	1 17	22 0	1 10	21 55	0 26	18 16	1 4	19 55	0 39	8 53	1 12	25 48	3 37	22 11	22 2	18 12	6 58	5 26
T 17	23 34	22 39	4 25	25 0	2 6	23 50	1 19	21 51	1 10	21 57	0 26	18 17	1 4	19 55	0 39	8 53	1 12	25 48	3 37	22 10	22 2	18 14	6 58	5 25
W18	23 33	19 22	4 56	24 48	2 5	23 42	1 20	21 41	1 10	21 59	0 26	18 18	1 4	19 56	0 39	8 52	1 12	25 48	3 37	22 10	22 1	18 16	6 57	5 25
T 19	23 32	15 6	5 13	24 34	2 2	23 33	1 21	21 31	1 10	22 1	0 26	18 19	1 5	19 56	0 39	8 52	1 12	25 48	3 37	22 9	22 1	18 19	6 57	5 25
F 20	23 30	10 3	5 13	24 19	1 59	23 23	1 23	21 21	1 10	22 3	0 26	18 20	1 5	19 57	0 39	8 51	1 12	25 48	3 37	22 9	22 0	18 21	6 56	5 24
S 21	23 28	4 26	4 57	24 2	1 56	23 12	1 24	21 10	1 10	22 4	0 26	18 21	1 5	19 57	0 39	8 51	1 12	25 47	3 37	22 9	22 0	18 24	6 55	5 24
S 22	23 25	1n31	4 23	23 43	1 51	23 1	1 25	20 59	1 9	22 6	0 25	18 22	1 5	19 58	0 39	8 50	1 12	25 47	3 37	22 9	22 0	18 26	6 55	5 24
M23	23 22	7 33	3 33	23 22	1 46	22 49	1 26	20 48	1 9	22 8	0 25	18 23	1 5	19 59	0 39	8 50	1 12	25 47	3 37	22 9	21 59	18 28	6 54	5 24
T 24	23 19	13 19	2 29	23 1	1 40	22 36	1 27	20 37	1 9	22 9	0 25	18 24	1 5	19 59	0 39	8 49	1 12	25 47	3 37	22 9	21 59	18 31	6 53	5 23
W25	23 15	18 26	1 14	22 37	1 34	22 23	1 28	20 26	1 9	22 11	0 25	18 26	1 6	20 0	0 39	8 49	1 12	25 47	3 38	22 9	21 58	18 33	6 53	5 23
T 26	23 10	22 27	0n 7	22 13	1 26	22 9	1 29	20 14	1 9	22 13	0 25	18 27	1 6	20 0	0 39	8 48	1 12	25 46	3 38	22 10	21 58	18 35	6 52	5 23
F 27	23 5	24 59	1 28	21 47	1 18	21 55	1 30	20 2	1 8	22 14	0 25	18 28	1 6	20 1	0 39	8 48	1 12	25 46	3 38	22 9	21 57	18 38	6 51	5 23
S 28	23 0	25 44	2 42	21 20	1 8	21 39	1 30	19 50	1 8	22 16	0 25	18 29	1 6	20 1	0 39	8 47	1 12	25 46	3 38	22 9	21 57	18 40	6 51	5 22
S 29	22 54	24 40	3 44	20 53	0 58	21 23	1 31	19 38	1 8	22 17	0 25	18 30	1 6	20 2	0 39	8 47	1 12	25 46	3 38	22 8	21 56	18 43	6 50	5 22
M30	22 48	22 1	4 31	20 25	0 47	21 7	1 32	19 25	1 8	22 19	0 25	18 32	1 6	20 3	0 39	8 46	1 12	25 45	3 38	22 8	21 56	18 45	6 49	5 22
T 31	22s41	18n 7	5n 0	19s57	0s35	20s50	1s32	19s12	1s 7	22s20	0n25	18n33	1n 7	20n 3	0n39	8s45	1s12	25s45	3s38	22n 7	21n55	18s47	6s48	5n22

Julian Day Number = 2099060.5, Delta T = 21m44s
Ecliptic obliquity = 23°33'54, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'17, Lahiri = 10°24'18 Julian Calendar 1 Dec. 1034 == Greg. Calendar 7 Dec. 1034

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

JANUARY 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 2 33	16♉17'55	8♍ 2	4♒57	5♒20	9♒42	15♐31	11°R13	3°R42	10♓34	19♉23	10°R14	8♊58	27♏53	29♒12	W 1
T 2	7 6 30	17°18'59	21° 6	5°55	6°35	10°29	15°43	11♌ 8	3♌39	10°36	19°25	10♊10	8°55	28° 0	29°15	T 2
F 3	7 10 26	18°20'02	3♎46	6°46	7°50	11°17	15°56	11° 4	3°37	10°37	19°27	10° 7	8°52	28° 6	29°18	F 3
S 4	7 14 23	19°21'05	16° 5	7°28	9° 5	12° 4	16° 9	11° 0	3°34	10°39	19°29	10°D 6	8°49	28°13	29°21	S 4
S 5	7 18 19	20°22'07	28° 8	8° 1	10°20	12°51	16°21	10°55	3°32	10°41	19°31	10° 6	8°46	28°20	29°24	S 5
M 6	7 22 16	21°23'09	10♏ 1	8°25	11°35	13°38	16°34	10°51	3°29	10°42	19°33	10° 7	8°42	28°26	29°27	M 6
T 7	7 26 13	22°24'10	21°48	8°37	12°50	14°26	16°46	10°47	3°27	10°44	19°35	10° 9	8°39	28°33	29°31	T 7
W 8	7 30 9	23°25'10	3♐35	8°R39	14° 4	15°13	16°58	10°42	3°24	10°46	19°37	10°10	8°36	28°40	29°34	W 8
T 9	7 34 6	24°26'09	15°26	8°30	15°19	16° 0	17°11	10°38	3°22	10°47	19°39	10°R10	8°33	28°46	29°37	T 9
F 10	7 38 2	25°27'08	27°25	8° 9	16°34	16°48	17°23	10°33	3°19	10°49	19°40	10° 9	8°30	28°53	29°40	F 10
S 11	7 41 59	26°28'06	9♑35	7°37	17°49	17°35	17°35	10°28	3°16	10°51	19°42	10° 5	8°26	29° 0	29°44	S 11
S 12	7 45 55	27°29'02	21°57	6°55	19° 3	18°22	17°47	10°24	3°14	10°52	19°44	9°59	8°23	29° 6	29°47	S 12
M13	7 49 52	28°29'58	4♒34	6° 3	20°18	19°10	17°59	10°19	3°11	10°54	19°46	9°50	8°20	29°13	29°50	M13
T 14	7 53 48	29°30'52	17°24	5° 4	21°33	19°57	18°11	10°14	3° 9	10°56	19°48	9°41	8°17	29°19	29°54	T 14
W15	7 57 45	0♒31'45	0♓28	3°58	22°48	20°44	18°23	10° 9	3° 6	10°58	19°50	9°32	8°14	29°26	29°57	W15
T 16	8 1 42	1°32'37	13°44	2°48	24° 2	21°31	18°35	10° 5	3° 3	11° 0	19°52	9°23	8°11	29°33	0♓ 1	T 16
F 17	8 5 38	2°33'27	27°11	1°36	25°17	22°18	18°46	10° 0	3° 1	11° 2	19°54	9°16	8° 7	29°39	0° 4	F 17
S 18	8 9 35	3°34'15	10♈50	0°23	26°31	23° 6	18°58	9°55	2°58	11° 3	19°56	9°11	8° 4	29°46	0° 7	S 18
S 19	8 13 31	4°35'02	24°38	29♑13	27°46	23°53	19° 9	9°50	2°56	11° 5	19°58	9° 9	8° 1	29°53	0°11	S 19
M20	8 17 28	5°35'48	8♉36	28° 6	29° 0	24°40	19°21	9°45	2°53	11° 7	19°59	9°D 8	7°58	29°59	0°14	M20
T 21	8 21 24	6°36'32	22°43	27° 4	0♓15	25°27	19°32	9°41	2°50	11° 9	20° 1	9° 9	7°55	0♐ 6	0°18	T 21
W22	8 25 21	7°37'14	6♊59	26° 7	1°29	26°14	19°44	9°36	2°48	11°11	20° 3	9°R10	7°52	0°13	0°22	W22
T 23	8 29 17	8°37'54	21°21	25°18	2°44	27° 1	19°55	9°31	2°45	11°13	20° 5	9° 9	7°48	0°19	0°25	T 23
F 24	8 33 14	9°38'33	5♋46	24°37	3°58	27°48	20° 6	9°26	2°42	11°15	20° 7	9° 6	7°45	0°26	0°29	F 24
S 25	8 37 11	10°39'10	20°11	24° 3	5°12	28°35	20°17	9°21	2°40	11°17	20° 9	9° 1	7°42	0°33	0°32	S 25
S 26	8 41 7	11°39'45	4♌29	23°38	6°27	29°22	20°28	9°16	2°37	11°19	20°10	8°53	7°39	0°39	0°36	S 26
M27	8 45 4	12°40'19	18°34	23°20	7°41	0♓ 9	20°39	9°11	2°35	11°21	20°12	8°43	7°36	0°46	0°40	M27
T 28	8 49 0	13°40'51	2♍22	23° 9	8°55	0°56	20°50	9° 6	2°32	11°23	20°14	8°32	7°32	0°53	0°43	T 28
W29	8 52 57	14°41'22	15°49	23°D 6	10° 9	1°43	21° 0	9° 2	2°30	11°25	20°16	8°20	7°29	0°59	0°47	W29
T 30	8 56 53	15°41'51	28°53	23°10	11°23	2°30	21°11	8°57	2°27	11°27	20°18	8°11	7°26	1° 6	0°51	T 30
F 31	9 0 50	16♒42'18	11♎34	23♑21	12♓38	3♓17	21♐21	8♌52	2♌25	11♓29	20♉19	8♊ 3	7♊23	1♐12	0♓54	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s34	13n24	5n11	19s28	0s21	20s32	1s33	19s 0	1s 7	22s22	0n25	18n34	1n 7	20n 4	0n39	8s45	1s12	25s45	3s38	22n 6	21n55	18s50	6s47	5n21
T 2	22 26	8 14	5 6	19 0	0 7	20 14	1 33	18 46	1 7	22 23	0 25	18 36	1 7	20 4	0 39	8 44	1 12	25 45	3 38	22 5	21 54	18 52	6 47	5 21
F 3	22 18	2 52	4 46	18 33	0n 8	19 55	1 34	18 33	1 7	22 25	0 25	18 37	1 7	20 5	0 39	8 44	1 12	25 45	3 38	22 5	21 54	18 54	6 46	5 21
S 4	22 10	2s28	4 13	18 7	0 24	19 35	1 34	18 20	1 6	22 26	0 25	18 38	1 7	20 6	0 39	8 43	1 12	25 44	3 38	22 5	21 53	18 57	6 45	5 21
S 5	22 1	7 37	3 29	17 42	0 40	19 15	1 34	18 6	1 6	22 27	0 25	18 40	1 7	20 6	0 39	8 42	1 12	25 44	3 38	22 5	21 53	18 59	6 44	5 20
M 6	21 51	12 25	2 37	17 20	0 58	18 55	1 34	17 52	1 6	22 29	0 25	18 41	1 7	20 7	0 39	8 42	1 12	25 44	3 38	22 5	21 52	19 1	6 43	5 20
T 7	21 42	16 44	1 38	16 59	1 16	18 33	1 34	17 38	1 5	22 30	0 24	18 42	1 8	20 7	0 39	8 41	1 12	25 44	3 38	22 5	21 52	19 4	6 42	5 20
W 8	21 31	20 24	0 36	16 41	1 34	18 12	1 34	17 24	1 5	22 31	0 24	18 44	1 8	20 8	0 39	8 40	1 12	25 44	3 39	22 6	21 51	19 6	6 41	5 20
T 9	21 21	23 14	0s29	16 26	1 52	17 50	1 34	17 9	1 5	22 32	0 24	18 45	1 8	20 9	0 39	8 40	1 12	25 43	3 39	22 6	21 51	19 8	6 40	5 20
F 10	21 10	25 4	1 32	16 15	2 9	17 27	1 34	16 54	1 4	22 34	0 24	18 46	1 8	20 9	0 39	8 39	1 12	25 43	3 39	22 5	21 50	19 10	6 40	5 19
S 11	20 58	25 45	2 32	16 6	2 26	17 4	1 34	16 40	1 4	22 35	0 24	18 48	1 8	20 10	0 39	8 38	1 12	25 43	3 39	22 5	21 50	19 13	6 39	5 19
S 12	20 46	25 9	3 26	16 1	2 42	16 40	1 34	16 25	1 4	22 36	0 24	18 49	1 8	20 11	0 39	8 38	1 11	25 43	3 39	22 4	21 49	19 15	6 38	5 19
M13	20 34	23 17	4 11	16 0	2 57	16 16	1 33	16 10	1 3	22 37	0 24	18 51	1 8	20 11	0 39	8 37	1 11	25 43	3 39	22 3	21 49	19 17	6 37	5 19
T 14	20 22	20 12	4 44	16 2	3 10	15 52	1 33	15 54	1 3	22 38	0 24	18 52	1 8	20 12	0 39	8 36	1 11	25 42	3 39	22 1	21 48	19 20	6 36	5 19
W15	20 9	16 5	5 3	16 6	3 21	15 27	1 32	15 39	1 3	22 39	0 24	18 54	1 9	20 12	0 39	8 36	1 11	25 42	3 39	22 0	21 48	19 22	6 35	5 18
T 16	19 55	11 7	5 6	16 14	3 30	15 1	1 32	15 23	1 2	22 40	0 24	18 55	1 9	20 13	0 39	8 35	1 11	25 42	3 39	21 58	21 47	19 24	6 34	5 18
F 17	19 42	5 35	4 52	16 23	3 37	14 36	1 31	15 8	1 2	22 41	0 24	18 56	1 9	20 14	0 39	8 34	1 11	25 42	3 39	21 57	21 47	19 27	6 33	5 18
S 18	19 27	0n18	4 21	16 35	3 41	14 10	1 31	14 52	1 2	22 42	0 24	18 58	1 9	20 14	0 39	8 33	1 11	25 42	3 40	21 57	21 46	19 29	6 32	5 18
S 19	19 13	6 15	3 35	16 48	3 43	13 43	1 30	14 36	1 1	22 43	0 24	18 59	1 9	20 15	0 39	8 33	1 11	25 42	3 40	21 56	21 46	19 31	6 30	5 18
M20	18 58	11 59	2 36	17 2	3 42	13 16	1 29	14 20	1 1	22 44	0 24	19 1	1 9	20 15	0 39	8 32	1 11	25 41	3 40	21 56	21 45	19 33	6 29	5 18
T 21	18 43	17 9	1 27	17 16	3 39	12 49	1 28	14 3	1 1	22 45	0 24	19 2	1 9	20 16	0 39	8 31	1 11	25 41	3 40	21 56	21 45	19 36	6 28	5 17
W22	18 28	21 24	0 12	17 32	3 34	12 21	1 27	13 47	1 0	22 46	0 24	19 3	1 9	20 17	0 39	8 30	1 11	25 41	3 40	21 56	21 44	19 38	6 27	5 17
T 23	18 12	24 21	1n 5	17 47	3 28	11 54	1 26	13 30	1 0	22 47	0 24	19 5	1 9	20 17	0 39	8 30	1 11	25 41	3 40	21 56	21 44	19 40	6 26	5 17
F 24	17 56	25 43	2 17	18 2	3 20	11 25	1 25	13 14	0 59	22 48	0 24	19 6	1 10	20 18	0 39	8 29	1 11	25 41	3 40	21 56	21 43	19 42	6 25	5 17
S 25	17 39	25 21	3 21	18 17	3 11	10 57	1 24	12 57	0 59	22 49	0 24	19 8	1 10	20 18	0 39	8 28	1 11	25 40	3 40	21 55	21 43	19 45	6 24	5 17
S 26	17 23	23 18	4 11	18 31	3 1	10 28	1 22	12 40	0 59	22 50	0 23	19 9	1 10	20 19	0 39	8 27	1 11	25 40	3 40	21 54	21 42	19 47	6 23	5 17
M27	17 6	19 51	4 45	18 45	2 50	9 59	1 21	12 23	0 58	22 51	0 23	19 10	1 10	20 20	0 39	8 27	1 11	25 40	3 41	21 52	21 42	19 49	6 22	5 17
T 28	16 48	15 22	5 1	18 58	2 38	9 30	1 20	12 6	0 58	22 51	0 23	19 12	1 10	20 20	0 39	8 26	1 11	25 40	3 41	21 50	21 41	19 51	6 20	5 17
W29	16 31	10 14	5 1	19 10	2 26	9 0	1 18	11 49	0 57	22 52	0 23	19 13	1 10	20 21	0 39	8 25	1 11	25 40	3 41	21 49	21 40	19 54	6 19	5 16
T 30	16 13	4 47	4 44	19 22	2 14	8 31	1 17	11 31	0 57	22 53	0 23	19 15	1 10	20 21	0 39	8 24	1 11	25 40	3 41	21 47	21 40	19 56	6 18	5 16
F 31	15s55	0s43	4n13	19s32	2n 2	8s 1	1s15	11s14	0s56	22s54	0n23	19n16	1n10	20n22	0n39	8s23	1s11	25s40	3s41	21n46	21n39	19s58	6s17	5n16

Julian Day Number = 2099091.5, Delta T = 21m43s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'22, Lahiri = 10°24'22 Julian Calendar 1 Jan. 1035 == Greg. Calendar 7 Jan. 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

FEBRUARY 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 4 46	17♒42'45	23♎56	23♑38	13♓52	4♓ 4	21♐32	8°R47	2°R22	11♓32	20♑21	7°R58	7♊20	1♐19	0♓58	S 1
S 2	9 8 43	18°43'09	6♏ 1	24° 0	15° 6	4°51	21°42	8♌42	2♌20	11°34	20°23	7♊55	7°17	1°26	1° 2	S 2
M 3	9 12 40	19°43'33	17°56	24°28	16°20	5°38	21°52	8°38	2°17	11°36	20°25	7°D54	7°13	1°32	1° 5	M 3
T 4	9 16 36	20°43'55	29°44	25° 0	17°34	6°24	22° 2	8°33	2°15	11°38	20°26	7°54	7°10	1°39	1° 9	T 4
W 5	9 20 33	21°44'15	11♐32	25°37	18°47	7°11	22°12	8°28	2°12	11°40	20°28	7°R55	7° 7	1°46	1°13	W 5
T 6	9 24 29	22°44'34	23°25	26°18	20° 1	7°58	22°22	8°24	2°10	11°42	20°30	7°54	7° 4	1°52	1°17	T 6
F 7	9 28 26	23°44'52	5♑28	27° 4	21°15	8°45	22°32	8°19	2° 7	11°44	20°31	7°50	7° 1	1°59	1°20	F 7
S 8	9 32 22	24°45'08	17°45	27°52	22°29	9°31	22°42	8°14	2° 5	11°47	20°33	7°45	6°58	2° 6	1°24	S 8
S 9	9 36 19	25°45'22	0♒19	28°45	23°43	10°18	22°51	8°10	2° 3	11°49	20°35	7°36	6°54	2°12	1°28	S 9
M10	9 40 15	26°45'34	13°11	29°40	24°56	11° 5	23° 1	8° 5	2° 0	11°51	20°36	7°25	6°51	2°19	1°32	M10
T 11	9 44 12	27°45'45	26°22	0♒38	26°10	11°51	23°10	8° 1	1°58	11°53	20°38	7°12	6°48	2°26	1°36	T 11
W12	9 48 9	28°45'54	9♓50	1°39	27°24	12°38	23°19	7°56	1°56	11°55	20°40	6°59	6°45	2°32	1°39	W12
T 13	9 52 5	29°46'00	23°32	2°42	28°37	13°24	23°28	7°52	1°53	11°58	20°41	6°47	6°42	2°39	1°43	T 13
F 14	9 56 2	0♓46'05	7♈25	3°48	29°51	14°11	23°37	7°48	1°51	12° 0	20°43	6°37	6°38	2°46	1°47	F 14
S 15	9 59 58	1°46'08	21°24	4°56	1♈ 4	14°57	23°46	7°44	1°49	12° 2	20°44	6°29	6°35	2°52	1°51	S 15
S 16	10 3 55	2°46'08	5♉28	6° 6	2°17	15°44	23°55	7°39	1°47	12° 4	20°46	6°25	6°32	2°59	1°54	S 16
M17	10 7 51	3°46'06	19°33	7°18	3°31	16°30	24° 3	7°35	1°45	12° 7	20°47	6°23	6°29	3° 5	1°58	M17
T 18	10 11 48	4°46'02	3♊38	8°32	4°44	17°16	24°12	7°31	1°43	12° 9	20°49	6°23	6°26	3°12	2° 2	T 18
W19	10 15 44	5°45'56	17°43	9°48	5°57	18° 3	24°20	7°27	1°41	12°11	20°50	6°23	6°23	3°19	2° 6	W19
T 20	10 19 41	6°45'47	1♋47	11° 5	7°10	18°49	24°28	7°23	1°39	12°13	20°52	6°21	6°19	3°25	2°10	T 20
F 21	10 23 38	7°45'36	15°49	12°25	8°23	19°35	24°36	7°19	1°37	12°16	20°53	6°18	6°16	3°32	2°13	F 21
S 22	10 27 34	8°45'23	29°46	13°45	9°36	20°21	24°44	7°16	1°35	12°18	20°55	6°11	6°13	3°39	2°17	S 22
S 23	10 31 31	9°45'08	13♌37	15° 8	10°49	21° 7	24°52	7°12	1°33	12°20	20°56	6° 2	6°10	3°45	2°21	S 23
M24	10 35 27	10°44'50	27°18	16°32	12° 2	21°54	25° 0	7° 8	1°31	12°23	20°57	5°50	6° 7	3°52	2°25	M24
T 25	10 39 24	11°44'31	10♍45	17°57	13°15	22°40	25° 7	7° 5	1°29	12°25	20°59	5°37	6° 4	3°59	2°28	T 25
W26	10 43 20	12°44'09	23°56	19°24	14°28	23°26	25°15	7° 1	1°27	12°27	21° 0	5°24	6° 0	4° 5	2°32	W26
T 27	10 47 17	13°43'45	6♎50	20°52	15°40	24°12	25°22	6°58	1°26	12°29	21° 1	5°13	5°57	4°12	2°36	T 27
F 28	10 51 13	14♓43'19	19♎25	22♒21	16♈53	24♓58	25♐29	6♌54	1♌24	12♓32	21♑ 3	5♊ 3	5♊54	4♐19	2♓40	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s36	6s 3	3n32	19s42	1n49	7s31	1s14	10s56	0s56	22s54	0n23	19n17	1n10	20n23	0n39	8s22	1s11	25s39	3s41	21n45	21n39	20s 0	6s16	5n16
S 2	15 18	11 4	2 41	19 50	1 37	7 0	1 12	10 39	0 56	22 55	0 23	19 19	1 10	20 23	0 39	8 22	1 11	25 39	3 41	21 45	21 38	20 2	6 14	5 16
M 3	14 59	15 36	1 44	19 57	1 24	6 30	1 10	10 21	0 55	22 56	0 23	19 20	1 10	20 24	0 39	8 21	1 11	25 39	3 41	21 45	21 38	20 5	6 13	5 16
T 4	14 39	19 30	0 43	20 4	1 12	5 59	1 8	10 3	0 55	22 57	0 23	19 21	1 11	20 24	0 39	8 20	1 11	25 39	3 42	21 45	21 37	20 7	6 12	5 16
W 5	14 20	22 36	0s19	20 9	1 0	5 28	1 6	9 45	0 54	22 57	0 23	19 23	1 11	20 25	0 39	8 19	1 11	25 39	3 42	21 45	21 37	20 9	6 11	5 16
T 6	14 0	24 45	1 21	20 12	0 49	4 57	1 4	9 27	0 54	22 58	0 23	19 24	1 11	20 25	0 39	8 18	1 11	25 39	3 42	21 44	21 36	20 11	6 9	5 16
F 7	13 41	25 48	2 21	20 15	0 37	4 26	1 2	9 9	0 53	22 58	0 23	19 25	1 11	20 26	0 39	8 17	1 11	25 39	3 42	21 44	21 36	20 13	6 8	5 16
S 8	13 20	25 36	3 15	20 16	0 26	3 55	1 0	8 51	0 53	22 59	0 23	19 26	1 11	20 26	0 39	8 17	1 11	25 39	3 42	21 43	21 35	20 16	6 7	5 15
S 9	13 0	24 6	4 0	20 17	0 15	3 24	0 58	8 33	0 52	23 0	0 23	19 28	1 11	20 27	0 39	8 16	1 11	25 38	3 42	21 42	21 35	20 18	6 6	5 15
M10	12 40	21 20	4 34	20 15	0 4	2 52	0 56	8 15	0 52	23 0	0 23	19 29	1 11	20 27	0 39	8 15	1 11	25 38	3 42	21 40	21 34	20 20	6 4	5 15
T 11	12 19	17 24	4 55	20 13	0s 6	2 21	0 53	7 57	0 51	23 1	0 23	19 30	1 11	20 28	0 39	8 14	1 11	25 38	3 43	21 38	21 34	20 22	6 3	5 15
W12	11 58	12 33	5 0	20 9	0 16	1 49	0 51	7 38	0 51	23 1	0 23	19 31	1 11	20 28	0 39	8 13	1 11	25 38	3 43	21 35	21 33	20 24	6 2	5 15
T 13	11 37	6 59	4 48	20 4	0 25	1 18	0 49	7 20	0 50	23 2	0 23	19 32	1 11	20 29	0 39	8 12	1 11	25 38	3 43	21 33	21 32	20 27	6 1	5 15
F 14	11 16	1 0	4 19	19 58	0 35	0 46	0 46	7 1	0 50	23 2	0 23	19 34	1 11	20 29	0 39	8 12	1 11	25 38	3 43	21 32	21 32	20 29	5 59	5 15
S 15	10 54	5n 5	3 34	19 50	0 43	0 15	0 44	6 43	0 49	23 3	0 23	19 35	1 11	20 30	0 39	8 11	1 11	25 38	3 43	21 30	21 31	20 31	5 58	5 15
S 16	10 32	10 58	2 36	19 41	0 52	0n17	0 41	6 24	0 49	23 3	0 22	19 36	1 11	20 30	0 39	8 10	1 11	25 38	3 43	21 30	21 31	20 33	5 57	5 15
M17	10 11	16 18	1 28	19 30	1 0	0 49	0 39	6 6	0 48	23 3	0 22	19 37	1 11	20 31	0 39	8 9	1 11	25 38	3 43	21 29	21 30	20 35	5 55	5 15
T 18	9 49	20 45	0 14	19 19	1 8	1 20	0 36	5 47	0 48	23 4	0 22	19 38	1 11	20 31	0 39	8 8	1 11	25 38	3 44	21 29	21 30	20 37	5 54	5 15
W19	9 27	23 59	1n 0	19 5	1 15	1 52	0 33	5 29	0 47	23 4	0 22	19 39	1 11	20 32	0 39	8 7	1 11	25 37	3 44	21 29	21 29	20 39	5 53	5 15
T 20	9 5	25 43	2 10	18 51	1 22	2 24	0 30	5 10	0 47	23 5	0 22	19 40	1 11	20 32	0 39	8 6	1 11	25 37	3 44	21 29	21 29	20 42	5 51	5 15
F 21	8 42	25 48	3 12	18 35	1 28	2 55	0 28	4 51	0 46	23 5	0 22	19 41	1 11	20 33	0 39	8 5	1 11	25 37	3 44	21 28	21 28	20 44	5 50	5 15
S 22	8 20	24 15	4 2	18 18	1 35	3 27	0 25	4 32	0 46	23 5	0 22	19 42	1 11	20 33	0 39	8 5	1 11	25 37	3 44	21 27	21 28	20 46	5 49	5 15
S 23	7 57	21 15	4 38	17 59	1 40	3 58	0 22	4 14	0 45	23 6	0 22	19 43	1 11	20 33	0 39	8 4	1 11	25 37	3 44	21 26	21 27	20 48	5 47	5 15
M24	7 35	17 7	4 57	17 39	1 46	4 29	0 19	3 55	0 45	23 6	0 22	19 44	1 11	20 34	0 39	8 3	1 11	25 37	3 45	21 24	21 26	20 50	5 46	5 15
T 25	7 12	12 11	4 59	17 17	1 51	5 1	0 16	3 36	0 44	23 6	0 22	19 45	1 11	20 34	0 39	8 2	1 11	25 37	3 45	21 21	21 26	20 52	5 45	5 15
W26	6 49	6 46	4 45	16 54	1 55	5 32	0 13	3 17	0 44	23 7	0 22	19 46	1 11	20 35	0 39	8 1	1 11	25 37	3 45	21 19	21 25	20 54	5 43	5 15
T 27	6 26	1 12	4 16	16 30	1 59	6 3	0 10	2 59	0 43	23 7	0 22	19 47	1 11	20 35	0 39	8 0	1 11	25 37	3 45	21 17	21 25	20 56	5 42	5 15
F 28	6s 3	4s19	3n36	16s 4	2s 3	6n33	0s 7	2s40	0s42	23s 7	0n22	19n48	1n11	20n35	0n39	7s59	1s11	25s37	3s45	21n15	21n24	20s59	5s41	5n15

Julian Day Number = 2099122.5, Delta T = 21m43s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'26, Lahiri = 10°24'26 Julian Calendar 1 Feb. 1035 == Greg. Calendar 7 Feb. 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

MARCH 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 55 10	15♓42'51	1♏44	23♒52	18♈ 6	25♓43	25♐36	6°R51	1°R22	12♓34	21♑ 4	4°R57	5♊51	4♐25	2♓43	S 1
S 2	10 59 7	16°42'22	13°49	25°24	19°18	26°29	25°43	6♌48	1♌21	12°36	21° 5	4♊52	5°48	4°32	2°47	S 2
M 3	11 3 3	17°41'50	25°43	26°58	20°30	27°15	25°49	6°45	1°19	12°38	21° 6	4°51	5°44	4°38	2°51	M 3
T 4	11 7 0	18°41'17	7♐32	28°33	21°43	28° 1	25°56	6°42	1°18	12°41	21° 8	4°D50	5°41	4°45	2°54	T 4
W 5	11 10 56	19°40'42	19°20	0♓ 9	22°55	28°47	26° 2	6°39	1°16	12°43	21° 9	4°R51	5°38	4°52	2°58	W 5
T 6	11 14 53	20°40'05	1♑14	1°47	24° 7	29°32	26° 8	6°36	1°15	12°45	21°10	4°50	5°35	4°58	3° 2	T 6
F 7	11 18 49	21°39'27	13°18	3°26	25°19	0♈18	26°14	6°33	1°13	12°48	21°11	4°48	5°32	5° 5	3° 5	F 7
S 8	11 22 46	22°38'46	25°38	5° 6	26°31	1° 3	26°20	6°31	1°12	12°50	21°12	4°44	5°29	5°12	3° 9	S 8
S 9	11 26 42	23°38'04	8♒18	6°48	27°43	1°49	26°26	6°28	1°11	12°52	21°13	4°37	5°25	5°18	3°13	S 9
M10	11 30 39	24°37'20	21°19	8°31	28°55	2°35	26°32	6°26	1° 9	12°54	21°14	4°27	5°22	5°25	3°16	M10
T 11	11 34 36	25°36'33	4♓45	10°15	0♉ 7	3°20	26°37	6°23	1° 8	12°57	21°15	4°17	5°19	5°32	3°20	T 11
W12	11 38 32	26°35'45	18°31	12° 1	1°19	4° 5	26°42	6°21	1° 7	12°59	21°16	4° 5	5°16	5°38	3°23	W12
T 13	11 42 29	27°34'55	2♈37	13°48	2°31	4°51	26°47	6°19	1° 6	13° 1	21°17	3°55	5°13	5°45	3°27	T 13
F 14	11 46 25	28°34'02	16°55	15°37	3°42	5°36	26°52	6°17	1° 5	13° 3	21°18	3°46	5° 9	5°52	3°30	F 14
S 15	11 50 22	29°33'08	1♉21	17°27	4°54	6°21	26°57	6°15	1° 4	13° 5	21°19	3°40	5° 6	5°58	3°34	S 15
S 16	11 54 18	0♈32'11	15°49	19°18	6° 5	7° 7	27° 2	6°13	1° 3	13° 8	21°20	3°36	5° 3	6° 5	3°37	S 16
M17	11 58 15	1°31'12	0♊13	21°11	7°17	7°52	27° 6	6°11	1° 2	13°10	21°21	3°D35	5° 0	6°11	3°41	M17
T 18	12 2 11	2°30'11	14°31	23° 5	8°28	8°37	27°10	6°10	1° 1	13°12	21°22	3°35	4°57	6°18	3°44	T 18
W19	12 6 8	3°29'07	28°39	25° 1	9°39	9°22	27°14	6° 8	1° 0	13°14	21°23	3°R36	4°54	6°25	3°48	W19
T 20	12 10 5	4°28'01	12♋38	26°58	10°50	10° 7	27°18	6° 7	0°59	13°16	21°23	3°35	4°50	6°31	3°51	T 20
F 21	12 14 1	5°26'52	26°27	28°57	12° 1	10°52	27°22	6° 5	0°59	13°18	21°24	3°33	4°47	6°38	3°54	F 21
S 22	12 17 58	6°25'42	10♌ 5	0♈56	13°12	11°37	27°25	6° 4	0°58	13°21	21°25	3°29	4°44	6°45	3°58	S 22
S 23	12 21 54	7°24'28	23°33	2°58	14°23	12°22	27°29	6° 3	0°57	13°23	21°26	3°23	4°41	6°51	4° 1	S 23
M24	12 25 51	8°23'13	6♍48	5° 0	15°33	13° 7	27°32	6° 2	0°57	13°25	21°26	3°14	4°38	6°58	4° 4	M24
T 25	12 29 47	9°21'55	19°52	7° 3	16°44	13°51	27°35	6° 1	0°56	13°27	21°27	3° 5	4°35	7° 5	4° 7	T 25
W26	12 33 44	10°20'36	2♎42	9° 8	17°54	14°36	27°38	6° 0	0°56	13°29	21°28	2°55	4°31	7°11	4°11	W26
T 27	12 37 40	11°19'14	15°18	11°13	19° 5	15°21	27°40	6° 0	0°55	13°31	21°28	2°46	4°28	7°18	4°14	T 27
F 28	12 41 37	12°17'50	27°41	13°20	20°15	16° 5	27°43	5°59	0°55	13°33	21°29	2°39	4°25	7°25	4°17	F 28
S 29	12 45 33	13°16'24	9♏52	15°27	21°25	16°50	27°45	5°58	0°55	13°35	21°29	2°35	4°22	7°31	4°20	S 29
S 30	12 49 30	14°14'57	21°51	17°34	22°35	17°35	27°47	5°58	0°55	13°37	21°30	2°32	4°19	7°38	4°23	S 30
M31	12 53 27	15♈13'28	3♐43	19♈41	23♉45	18♈19	27♐49	5♌58	0♌54	13♓39	21♑30	2°D31	4♊15	7♐45	4♓26	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s40	9s33	2n46	15s37	2s 7	7n 4	0s 4	2s21	0s42	23s 8	0n22	19n49	1n11	20n36	0n39	7s59	1s11	25s37	3s45	21n14	21n24	21s 1	5s39	5n15
S 2	5 16	14 20	1 49	15 9	2 9	7 35	0 1	2 2	0 41	23 8	0 22	19 49	1 11	20 36	0 39	7 58	1 11	25 37	3 45	21 13	21 23	21 3	5 38	5 15
M 3	4 53	18 30	0 48	14 39	2 12	8 5	0n 2	1 43	0 41	23 8	0 22	19 50	1 11	20 36	0 39	7 57	1 11	25 37	3 46	21 13	21 23	21 5	5 37	5 15
T 4	4 30	21 55	0s14	14 8	2 14	8 35	0 5	1 25	0 40	23 8	0 22	19 51	1 11	20 37	0 39	7 56	1 11	25 37	3 46	21 13	21 22	21 7	5 35	5 15
W 5	4 6	24 24	1 16	13 35	2 15	9 5	0 9	1 6	0 40	23 9	0 22	19 52	1 11	20 37	0 39	7 55	1 11	25 37	3 46	21 13	21 21	21 9	5 34	5 15
T 6	3 43	25 49	2 15	13 1	2 16	9 35	0 12	0 47	0 39	23 9	0 22	19 52	1 11	20 37	0 39	7 54	1 11	25 37	3 46	21 13	21 21	21 11	5 33	5 15
F 7	3 20	26 2	3 9	12 26	2 17	10 5	0 15	0 28	0 39	23 9	0 22	19 53	1 11	20 38	0 39	7 53	1 11	25 37	3 46	21 12	21 20	21 13	5 31	5 15
S 8	2 56	24 59	3 56	11 49	2 17	10 34	0 18	0 9	0 38	23 9	0 22	19 54	1 11	20 38	0 39	7 53	1 11	25 37	3 47	21 12	21 20	21 15	5 30	5 15
S 9	2 32	22 39	4 32	11 11	2 17	11 3	0 21	0n 9	0 37	23 10	0 22	19 54	1 11	20 38	0 39	7 52	1 11	25 37	3 47	21 10	21 19	21 17	5 29	5 15
M10	2 9	19 7	4 55	10 31	2 16	11 32	0 25	0 28	0 37	23 10	0 21	19 55	1 11	20 38	0 39	7 51	1 11	25 37	3 47	21 9	21 19	21 19	5 27	5 16
T 11	1 45	14 30	5 2	9 50	2 15	12 1	0 28	0 47	0 36	23 10	0 21	19 56	1 11	20 39	0 39	7 50	1 11	25 37	3 47	21 7	21 18	21 21	5 26	5 16
W12	1 22	9 3	4 53	9 8	2 13	12 29	0 31	1 5	0 36	23 10	0 21	19 56	1 11	20 39	0 39	7 49	1 11	25 37	3 47	21 5	21 17	21 23	5 25	5 16
T 13	0 58	3 1	4 26	8 25	2 11	12 57	0 35	1 24	0 35	23 10	0 21	19 57	1 11	20 39	0 39	7 48	1 11	25 37	3 47	21 3	21 17	21 26	5 23	5 16
F 14	0 34	3n16	3 42	7 40	2 8	13 25	0 38	1 43	0 35	23 10	0 21	19 57	1 11	20 39	0 39	7 47	1 11	25 37	3 48	21 1	21 16	21 28	5 22	5 16
S 15	0 11	9 28	2 43	6 54	2 5	13 52	0 41	2 1	0 34	23 11	0 21	19 58	1 11	20 40	0 39	7 47	1 11	25 37	3 48	21 0	21 16	21 30	5 21	5 16
S 16	0n13	15 10	1 33	6 6	2 1	14 19	0 45	2 20	0 33	23 11	0 21	19 58	1 11	20 40	0 39	7 46	1 11	25 37	3 48	20 59	21 15	21 32	5 19	5 16
M17	0 36	20 1	0 18	5 18	1 57	14 46	0 48	2 38	0 33	23 11	0 21	19 58	1 11	20 40	0 39	7 45	1 11	25 37	3 48	20 59	21 15	21 34	5 18	5 16
T 18	1 0	23 37	0n58	4 28	1 52	15 12	0 51	2 56	0 32	23 11	0 21	19 59	1 11	20 40	0 39	7 44	1 12	25 37	3 48	20 59	21 14	21 36	5 17	5 16
W19	1 24	25 43	2 10	3 37	1 46	15 38	0 55	3 15	0 32	23 11	0 21	19 59	1 11	20 40	0 39	7 43	1 12	25 37	3 49	20 59	21 13	21 38	5 15	5 16
T 20	1 47	26 10	3 13	2 45	1 41	16 4	0 58	3 33	0 31	23 11	0 21	20 0	1 11	20 40	0 39	7 42	1 12	25 37	3 49	20 59	21 13	21 40	5 14	5 16
F 21	2 11	24 58	4 4	1 52	1 34	16 29	1 1	3 51	0 30	23 11	0 21	20 0	1 11	20 41	0 39	7 42	1 12	25 37	3 49	20 59	21 12	21 42	5 13	5 17
S 22	2 34	22 18	4 41	0 57	1 27	16 54	1 4	4 10	0 30	23 12	0 21	20 0	1 11	20 41	0 39	7 41	1 12	25 37	3 49	20 58	21 12	21 44	5 11	5 17
S 23	2 57	18 28	5 1	0 2	1 20	17 19	1 8	4 28	0 29	23 12	0 21	20 0	1 11	20 41	0 39	7 40	1 12	25 37	3 49	20 56	21 11	21 46	5 10	5 17
M24	3 21	13 46	5 5	0n54	1 12	17 43	1 11	4 46	0 29	23 12	0 21	20 1	1 11	20 41	0 39	7 39	1 12	25 37	3 49	20 55	21 11	21 48	5 9	5 17
T 25	3 44	8 31	4 53	1 51	1 4	18 7	1 14	5 4	0 28	23 12	0 21	20 1	1 11	20 41	0 39	7 39	1 12	25 37	3 50	20 53	21 10	21 50	5 8	5 17
W26	4 7	2 59	4 26	2 48	0 55	18 30	1 17	5 22	0 27	23 12	0 21	20 1	1 11	20 41	0 39	7 38	1 12	25 38	3 50	20 51	21 9	21 52	5 6	5 17
T 27	4 30	2s35	3 46	3 46	0 45	18 53	1 21	5 40	0 27	23 12	0 21	20 1	1 11	20 41	0 39	7 37	1 12	25 38	3 50	20 49	21 9	21 54	5 5	5 17
F 28	4 53	7 58	2 56	4 44	0 36	19 15	1 24	5 58	0 26	23 12	0 21	20 1	1 11	20 41	0 38	7 36	1 12	25 38	3 50	20 48	21 8	21 56	5 4	5 17
S 29	5 16	12 58	1 59	5 43	0 26	19 37	1 27	6 15	0 26	23 12	0 20	20 1	1 11	20 41	0 38	7 35	1 12	25 38	3 50	20 47	21 8	21 58	5 2	5 18
S 30	5 39	17 24	0 57	6 41	0 15	19 58	1 30	6 33	0 25	23 12	0 20	20 1	1 11	20 41	0 38	7 35	1 12	25 38	3 51	20 47	21 7	22 0	5 1	5 18
M31	6n 2	21s 7	0s 7	7n40	0s 5	20n19	1n33	6n51	0s24	23s12	0n20	20n 1	1n11	20n41	0n38	7s34	1s12	25s38	3s51	20n46	21n 6	22s 2	5s 0	5n18

Julian Day Number = 2099150.5, Delta T = 21m43s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'30, Lahiri = 10°24'30 Julian Calendar 1 March 1035 == Greg. Calendar 7 March 1035

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1035
geocentric

APRIL 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 57 23	16♈11'57	15♐32	21♈49	24♉55	19♈ 3	27♐51	5°R58	0°R54	13♓41	21♑31	2♊32	4♊12	7♐51	4♓29	T 1
W 2	13 1 20	17°10'24	27°20	23°56	26° 5	19°48	27°52	5°D58	0♌54	13°43	21°31	2°34	4° 9	7°58	4°32	W 2
T 3	13 5 16	18° 8'50	9♑13	26° 2	27°14	20°32	27°54	5♌58	0°D54	13°45	21°32	2°35	4° 6	8° 4	4°35	T 3
F 4	13 9 13	19° 7'14	21°17	28° 7	28°24	21°16	27°55	5°58	0°54	13°47	21°32	2°R35	4° 3	8°11	4°38	F 4
S 5	13 13 9	20° 5'36	3♒37	0♉11	29°33	22° 1	27°56	5°58	0°54	13°49	21°33	2°34	4° 0	8°18	4°41	S 5
S 6	13 17 6	21° 3'57	16°16	2°13	0♊42	22°45	27°57	5°58	0°54	13°51	21°33	2°31	3°56	8°24	4°44	S 6
M 7	13 21 2	22° 2'16	29°19	4°14	1°52	23°29	27°57	5°59	0°55	13°53	21°33	2°27	3°53	8°31	4°47	M 7
T 8	13 24 59	23° 0'34	12♓48	6°12	3° 1	24°13	27°58	5°59	0°55	13°55	21°33	2°21	3°50	8°38	4°50	T 8
W 9	13 28 56	23°58'50	26°43	8° 8	4° 9	24°57	27°58	6° 0	0°55	13°56	21°34	2°15	3°47	8°44	4°52	W 9
T 10	13 32 52	24°57'04	11♈ 1	10° 1	5°18	25°41	27°R58	6° 1	0°55	13°58	21°34	2°10	3°44	8°51	4°55	T 10
F 11	13 36 49	25°55'16	25°37	11°51	6°27	26°25	27°58	6° 2	0°56	14° 0	21°34	2° 5	3°41	8°58	4°58	F 11
S 12	13 40 45	26°53'27	10♉25	13°38	7°35	27° 9	27°58	6° 3	0°56	14° 2	21°34	2° 1	3°37	9° 4	5° 0	S 12
S 13	13 44 42	27°51'36	25°17	15°21	8°44	27°53	27°57	6° 4	0°57	14° 4	21°34	2°D 0	3°34	9°11	5° 3	S 13
M14	13 48 38	28°49'43	10♊ 5	17° 1	9°52	28°37	27°56	6° 5	0°57	14° 5	21°35	2° 0	3°31	9°18	5° 6	M14
T 15	13 52 35	29°47'49	24°43	18°38	11° 0	29°20	27°55	6° 6	0°58	14° 7	21°35	2° 1	3°28	9°24	5° 8	T 15
W16	13 56 31	0♉45'52	9♋ 6	20°10	12° 8	0♉ 4	27°54	6° 8	0°59	14° 9	21°35	2° 3	3°25	9°31	5°11	W16
T 17	14 0 28	1°43'54	23°13	21°39	13°16	0°48	27°53	6° 9	0°59	14°11	21°R35	2° 4	3°21	9°37	5°13	T 17
F 18	14 4 25	2°41'53	7♌ 1	23° 4	14°23	1°31	27°52	6°11	1° 0	14°12	21°35	2°R 4	3°18	9°44	5°15	F 18
S 19	14 8 21	3°39'50	20°31	24°25	15°31	2°15	27°50	6°13	1° 1	14°14	21°35	2° 3	3°15	9°51	5°18	S 19
S 20	14 12 18	4°37'46	3♍45	25°41	16°38	2°58	27°48	6°15	1° 2	14°15	21°35	2° 0	3°12	9°57	5°20	S 20
M21	14 16 14	5°35'39	16°42	26°54	17°45	3°41	27°46	6°16	1° 3	14°17	21°35	1°57	3° 9	10° 4	5°22	M21
T 22	14 20 11	6°33'31	29°26	28° 3	18°52	4°25	27°44	6°19	1° 4	14°19	21°34	1°53	3° 6	10°11	5°25	T 22
W23	14 24 7	7°31'21	11♎56	29° 7	19°59	5° 8	27°42	6°21	1° 5	14°20	21°34	1°49	3° 2	10°17	5°27	W23
T 24	14 28 4	8°29'09	24°15	0♊ 7	21° 5	5°51	27°39	6°23	1° 6	14°22	21°34	1°46	2°59	10°24	5°29	T 24
F 25	14 32 0	9°26'56	6♏24	1° 2	22°12	6°35	27°36	6°25	1° 7	14°23	21°34	1°43	2°56	10°31	5°31	F 25
S 26	14 35 57	10°24'42	18°25	1°53	23°18	7°18	27°33	6°28	1° 8	14°25	21°34	1°41	2°53	10°37	5°33	S 26
S 27	14 39 54	11°22'26	0♐18	2°40	24°24	8° 1	27°30	6°30	1° 9	14°26	21°33	1°D41	2°50	10°44	5°35	S 27
M28	14 43 50	12°20'08	12° 7	3°22	25°30	8°44	27°27	6°33	1°11	14°28	21°33	1°41	2°46	10°51	5°37	M28
T 29	14 47 47	13°17'50	23°55	3°59	26°35	9°27	27°23	6°36	1°12	14°29	21°33	1°42	2°43	10°57	5°39	T 29
W30	14 51 43	14♉15'30	5♑44	4♊32	27♊41	10♉10	27♐20	6♌38	1♌14	14♓30	21♑33	1♊43	2♊40	11♐ 4	5♓41	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n24	23s56	1s10	8n38	0n 6	20n39	1n36	7n 8	0s24	23s13	0n20	20n 1	1n11	20n41	0n38	7s33	1s12	25s38	3s51	20n47	21n 6	22s 3	4s59	5n18
W 2	6 47	25 43	2 10	9 35	0 17	20 59	1 39	7 26	0 23	23 13	0 20	20 1	1 11	20 41	0 38	7 32	1 12	25 38	3 51	20 47	21 5	22 5	4 57	5 18
T 3	7 9	26 20	3 6	10 32	0 28	21 18	1 42	7 43	0 22	23 13	0 20	20 1	1 11	20 41	0 38	7 32	1 12	25 38	3 51	20 47	21 5	22 7	4 56	5 18
F 4	7 31	25 43	3 54	11 28	0 39	21 37	1 45	8 0	0 22	23 13	0 20	20 1	1 11	20 41	0 38	7 31	1 12	25 38	3 52	20 47	21 4	22 9	4 55	5 19
S 5	7 54	23 51	4 32	12 22	0 49	21 55	1 48	8 17	0 21	23 13	0 20	20 1	1 11	20 41	0 38	7 30	1 12	25 39	3 52	20 47	21 3	22 11	4 54	5 19
S 6	8 16	20 47	4 58	13 15	1 0	22 13	1 51	8 35	0 21	23 13	0 20	20 1	1 11	20 41	0 38	7 30	1 12	25 39	3 52	20 46	21 3	22 13	4 53	5 19
M 7	8 38	16 36	5 10	14 6	1 10	22 30	1 54	8 52	0 20	23 13	0 20	20 1	1 11	20 41	0 38	7 29	1 12	25 39	3 52	20 46	21 2	22 15	4 51	5 19
T 8	8 59	11 29	5 5	14 55	1 21	22 46	1 56	9 8	0 19	23 13	0 20	20 1	1 11	20 41	0 38	7 28	1 12	25 39	3 52	20 45	21 2	22 17	4 50	5 19
W 9	9 21	5 38	4 43	15 43	1 30	23 2	1 59	9 25	0 19	23 13	0 20	20 1	1 11	20 41	0 38	7 27	1 12	25 39	3 53	20 43	21 1	22 19	4 49	5 19
T 10	9 43	0n40	4 2	16 28	1 39	23 18	2 2	9 42	0 18	23 13	0 20	20 0	1 10	20 41	0 38	7 27	1 12	25 39	3 53	20 42	21 0	22 21	4 48	5 20
F 11	10 4	7 5	3 5	17 11	1 48	23 32	2 4	9 59	0 17	23 13	0 20	20 0	1 10	20 41	0 38	7 26	1 12	25 40	3 53	20 41	21 0	22 23	4 47	5 20
S 12	10 25	13 12	1 55	17 51	1 56	23 46	2 7	10 15	0 17	23 13	0 20	20 0	1 10	20 40	0 38	7 25	1 12	25 40	3 53	20 41	20 59	22 25	4 46	5 20
S 13	10 46	18 36	0 37	18 30	2 4	24 0	2 9	10 31	0 16	23 13	0 20	19 59	1 10	20 40	0 38	7 25	1 12	25 40	3 53	20 40	20 59	22 27	4 45	5 20
M14	11 7	22 48	0n44	19 5	2 10	24 13	2 12	10 48	0 16	23 14	0 19	19 59	1 10	20 40	0 38	7 24	1 12	25 40	3 54	20 40	20 58	22 28	4 43	5 20
T 15	11 28	25 29	2 1	19 38	2 16	24 25	2 14	11 4	0 15	23 14	0 19	19 59	1 10	20 40	0 38	7 24	1 12	25 40	3 54	20 40	20 57	22 30	4 42	5 21
W16	11 48	26 24	3 9	20 9	2 21	24 37	2 16	11 20	0 14	23 14	0 19	19 58	1 10	20 40	0 38	7 23	1 12	25 40	3 54	20 41	20 57	22 32	4 41	5 21
T 17	12 8	25 34	4 5	20 37	2 26	24 48	2 18	11 36	0 14	23 14	0 19	19 58	1 10	20 40	0 38	7 22	1 12	25 41	3 54	20 41	20 56	22 34	4 40	5 21
F 18	12 28	23 12	4 44	21 3	2 29	24 58	2 20	11 52	0 13	23 14	0 19	19 57	1 10	20 39	0 38	7 22	1 12	25 41	3 54	20 41	20 56	22 36	4 39	5 21
S 19	12 48	19 34	5 7	21 26	2 32	25 8	2 23	12 7	0 12	23 14	0 19	19 57	1 10	20 39	0 38	7 21	1 12	25 41	3 54	20 41	20 55	22 38	4 38	5 21
S 20	13 8	15 3	5 13	21 46	2 34	25 17	2 24	12 23	0 12	23 14	0 19	19 57	1 10	20 39	0 38	7 20	1 13	25 41	3 55	20 40	20 54	22 40	4 37	5 22
M21	13 27	9 55	5 3	22 5	2 35	25 26	2 26	12 38	0 11	23 14	0 19	19 56	1 10	20 39	0 38	7 20	1 13	25 41	3 55	20 40	20 54	22 42	4 36	5 22
T 22	13 47	4 29	4 38	22 20	2 35	25 33	2 28	12 54	0 11	23 14	0 19	19 55	1 10	20 38	0 38	7 19	1 13	25 42	3 55	20 39	20 53	22 43	4 35	5 22
W23	14 6	1s 3	4 0	22 34	2 34	25 40	2 30	13 9	0 10	23 14	0 19	19 55	1 10	20 38	0 38	7 19	1 13	25 42	3 55	20 38	20 53	22 45	4 34	5 22
T 24	14 24	6 29	3 12	22 45	2 32	25 47	2 31	13 24	0 9	23 14	0 19	19 54	1 10	20 38	0 38	7 18	1 13	25 42	3 55	20 37	20 52	22 47	4 33	5 23
F 25	14 43	11 36	2 15	22 54	2 29	25 53	2 33	13 39	0 9	23 14	0 19	19 54	1 10	20 38	0 38	7 18	1 13	25 42	3 56	20 37	20 51	22 49	4 32	5 23
S 26	15 1	16 14	1 13	23 1	2 25	25 58	2 34	13 54	0 8	23 14	0 19	19 53	1 10	20 37	0 38	7 17	1 13	25 42	3 56	20 36	20 51	22 51	4 31	5 23
S 27	15 19	20 12	0 8	23 5	2 20	26 2	2 36	14 8	0 7	23 14	0 18	19 52	1 10	20 37	0 38	7 17	1 13	25 43	3 56	20 36	20 50	22 53	4 30	5 23
M28	15 37	23 19	0s57	23 8	2 14	26 6	2 37	14 23	0 7	23 14	0 18	19 52	1 10	20 37	0 38	7 16	1 13	25 43	3 56	20 36	20 49	22 54	4 29	5 23
T 29	15 55	25 25	2 0	23 8	2 7	26 9	2 38	14 37	0 6	23 14	0 18	19 51	1 10	20 36	0 38	7 16	1 13	25 43	3 56	20 37	20 49	22 56	4 28	5 24
W30	16n12	26s24	2s57	23n 7	1n59	26n12	2n39	14n51	0s 5	23s14	0n18	19n50	1n10	20n36	0n38	7s15	1s13	25s43	3s57	20n37	20n48	22s58	4s27	5n24

Julian Day Number = 2099181.5, Delta T = 21m42s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'34, Lahiri = 10°24'34 Julian Calendar 1 Apr. 1035 == Greg. Calendar 7 Apr. 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

MAY 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 55 40	15♉13'09	17♊39	5♊ 0	28♊46	10♉53	27°R16	6♌41	1♌15	14♓32	21°R32	1♊45	2♊37	11♐11	5♓42	T 1
F 2	14 59 36	16°10'48	29°43	5°23	29°51	11°35	27♐12	6°44	1°16	14°33	21♊32	1°46	2°34	11°17	5°44	F 2
S 3	15 3 33	17° 8'25	12♒ 2	5°41	0♋55	12°18	27° 8	6°47	1°18	14°34	21°31	1°R46	2°31	11°24	5°46	S 3
S 4	15 7 29	18° 6'01	24°39	5°55	2° 0	13° 1	27° 4	6°51	1°20	14°35	21°31	1°46	2°27	11°30	5°48	S 4
M 5	15 11 26	19° 3'36	7♓38	6° 4	3° 4	13°44	26°59	6°54	1°21	14°37	21°31	1°46	2°24	11°37	5°49	M 5
T 6	15 15 23	20° 1'10	21° 3	6°R 8	4° 8	14°26	26°55	6°57	1°23	14°38	21°30	1°45	2°21	11°44	5°51	T 6
W 7	15 19 19	20°58'43	4♈55	6° 7	5°12	15° 9	26°50	7° 1	1°25	14°39	21°30	1°43	2°18	11°50	5°52	W 7
T 8	15 23 16	21°56'15	19°13	6° 2	6°16	15°51	26°45	7° 4	1°26	14°40	21°29	1°42	2°15	11°57	5°54	T 8
F 9	15 27 12	22°53'46	3♉54	5°53	7°19	16°34	26°40	7° 8	1°28	14°41	21°28	1°41	2°12	12° 4	5°55	F 9
S 10	15 31 9	23°51'16	18°51	5°39	8°22	17°16	26°35	7°12	1°30	14°42	21°28	1°41	2° 8	12°10	5°57	S 10
S 11	15 35 5	24°48'45	3♊58	5°22	9°25	17°59	26°29	7°16	1°32	14°43	21°27	1°D41	2° 5	12°17	5°58	S 11
M12	15 39 2	25°46'14	19° 4	5° 1	10°27	18°41	26°24	7°19	1°34	14°44	21°27	1°41	2° 2	12°24	5°59	M12
T 13	15 42 58	26°43'41	4♋ 1	4°36	11°29	19°23	26°18	7°23	1°36	14°45	21°26	1°41	1°59	12°30	6° 0	T 13
W14	15 46 55	27°41'07	18°43	4° 9	12°31	20° 5	26°12	7°28	1°38	14°46	21°25	1°42	1°56	12°37	6° 1	W14
T 15	15 50 52	28°38'31	3♌ 3	3°40	13°33	20°48	26° 7	7°32	1°40	14°47	21°25	1°42	1°52	12°44	6° 3	T 15
F 16	15 54 48	29°35'55	16°59	3° 9	14°34	21°30	26° 1	7°36	1°42	14°48	21°24	1°42	1°49	12°50	6° 4	F 16
S 17	15 58 45	0♊33'17	0♍31	2°36	15°35	22°12	25°54	7°40	1°44	14°49	21°23	1°R42	1°46	12°57	6° 5	S 17
S 18	16 2 41	1°30'38	13°41	2° 3	16°36	22°54	25°48	7°45	1°47	14°50	21°22	1°D42	1°43	13° 4	6° 6	S 18
M19	16 6 38	2°27'58	26°30	1°29	17°36	23°36	25°42	7°49	1°49	14°51	21°21	1°42	1°40	13°10	6° 6	M19
T 20	16 10 34	3°25'16	9♎ 1	0°56	18°36	24°18	25°35	7°54	1°51	14°52	21°21	1°42	1°37	13°17	6° 7	T 20
W21	16 14 31	4°22'34	21°18	0°23	19°36	24°59	25°29	7°58	1°54	14°52	21°20	1°43	1°33	13°23	6° 8	W21
T 22	16 18 27	5°19'51	3♏24	29♉53	20°35	25°41	25°22	8° 3	1°56	14°53	21°19	1°43	1°30	13°30	6° 9	T 22
F 23	16 22 24	6°17'07	15°22	29°24	21°33	26°23	25°15	8° 8	1°58	14°54	21°18	1°43	1°27	13°37	6° 9	F 23
S 24	16 26 21	7°14'22	27°14	28°58	22°32	27° 5	25° 8	8°13	2° 1	14°54	21°17	1°R43	1°24	13°43	6°10	S 24
S 25	16 30 17	8°11'37	9♐ 3	28°35	23°30	27°46	25° 1	8°18	2° 3	14°55	21°16	1°43	1°21	13°50	6°11	S 25
M26	16 34 14	9° 8'51	20°51	28°15	24°27	28°28	24°54	8°23	2° 6	14°56	21°15	1°43	1°18	13°57	6°11	M26
T 27	16 38 10	10° 6'04	2♑40	27°59	25°24	29°10	24°47	8°28	2° 8	14°56	21°14	1°42	1°14	14° 3	6°12	T 27
W28	16 42 7	11° 3'17	14°34	27°46	26°21	29°51	24°40	8°33	2°11	14°57	21°13	1°41	1°11	14°10	6°12	W28
T 29	16 46 3	12° 0'30	26°33	27°38	27°17	0♊32	24°33	8°38	2°14	14°57	21°12	1°40	1° 8	14°17	6°12	T 29
F 30	16 50 0	12°57'42	8♒42	27°D35	28°12	1°14	24°25	8°44	2°16	14°58	21°11	1°38	1° 5	14°23	6°13	F 30
S 31	16 53 56	13♊54'54	21♒ 3	27♉35	29♋ 8	1♊55	24♐18	8♌49	2♌19	14♓58	21♑10	1♊37	1♊ 2	14♐30	6♓13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n29	26s 9	3s48	23n 3	1n50	26n14	2n40	15n 5	0s 5	23s14	0n18	19n49	1n10	20n36	0n38	7s15	1s13	25s44	3s57	20n37	20n48	23s 0	4s26	5n24
F 2	16 46	24 42	4 29	22 58	1 41	26 15	2 41	15 19	0 4	23 14	0 18	19 49	1 10	20 35	0 37	7 14	1 13	25 44	3 57	20 37	20 47	23 2	4 26	5 24
S 3	17 2	22 3	4 58	22 50	1 30	26 15	2 41	15 33	0 4	23 14	0 18	19 48	1 10	20 35	0 37	7 14	1 13	25 44	3 57	20 38	20 46	23 3	4 25	5 25
S 4	17 19	18 18	5 14	22 41	1 18	26 15	2 42	15 47	0 3	23 14	0 18	19 47	1 10	20 35	0 37	7 13	1 13	25 44	3 57	20 38	20 46	23 5	4 24	5 25
M 5	17 35	13 37	5 15	22 30	1 5	26 14	2 43	16 0	0 2	23 14	0 18	19 46	1 9	20 34	0 37	7 13	1 13	25 45	3 58	20 37	20 45	23 7	4 23	5 25
T 6	17 50	8 8	4 59	22 17	0 52	26 13	2 43	16 14	0 2	23 14	0 18	19 45	1 9	20 34	0 37	7 12	1 13	25 45	3 58	20 37	20 44	23 9	4 22	5 25
W 7	18 6	2 6	4 25	22 3	0 37	26 11	2 43	16 27	0 1	23 14	0 17	19 44	1 9	20 33	0 37	7 12	1 13	25 45	3 58	20 37	20 44	23 10	4 21	5 26
T 8	18 21	4n15	3 34	21 47	0 22	26 8	2 43	16 40	0 0	23 14	0 17	19 43	1 9	20 33	0 37	7 12	1 13	25 45	3 58	20 37	20 43	23 12	4 21	5 26
F 9	18 36	10 33	2 28	21 30	0 6	26 5	2 43	16 53	0n 0	23 14	0 17	19 42	1 9	20 33	0 37	7 11	1 13	25 46	3 58	20 36	20 43	23 14	4 20	5 26
S 10	18 50	16 23	1 11	21 12	0s10	26 1	2 43	17 5	0 1	23 14	0 17	19 41	1 9	20 32	0 37	7 11	1 13	25 46	3 58	20 36	20 42	23 16	4 19	5 26
S 11	19 4	21 16	0n13	20 52	0 27	25 56	2 43	17 18	0 1	23 14	0 17	19 40	1 9	20 32	0 37	7 10	1 13	25 46	3 59	20 36	20 41	23 17	4 18	5 27
M12	19 18	24 42	1 35	20 32	0 44	25 51	2 42	17 30	0 2	23 14	0 17	19 39	1 9	20 31	0 37	7 10	1 13	25 47	3 59	20 36	20 41	23 19	4 18	5 27
T 13	19 32	26 20	2 50	20 10	1 1	25 45	2 42	17 43	0 3	23 14	0 17	19 38	1 9	20 31	0 37	7 10	1 14	25 47	3 59	20 36	20 40	23 21	4 17	5 27
W14	19 45	26 5	3 53	19 48	1 18	25 39	2 41	17 55	0 3	23 14	0 17	19 37	1 9	20 30	0 37	7 9	1 14	25 47	3 59	20 37	20 39	23 23	4 16	5 28
T 15	19 58	24 6	4 39	19 26	1 36	25 32	2 40	18 7	0 4	23 14	0 17	19 36	1 9	20 30	0 37	7 9	1 14	25 47	3 59	20 37	20 39	23 24	4 16	5 28
F 16	20 10	20 42	5 7	19 3	1 53	25 24	2 39	18 18	0 5	23 14	0 17	19 35	1 9	20 29	0 37	7 9	1 14	25 48	4 0	20 37	20 38	23 26	4 15	5 28
S 17	20 22	16 17	5 18	18 41	2 9	25 16	2 38	18 30	0 5	23 14	0 16	19 34	1 9	20 29	0 37	7 8	1 14	25 48	4 0	20 37	20 37	23 28	4 15	5 28
S 18	20 34	11 14	5 11	18 19	2 25	25 8	2 37	18 41	0 6	23 14	0 16	19 32	1 9	20 28	0 37	7 8	1 14	25 48	4 0	20 37	20 37	23 30	4 14	5 29
M19	20 46	5 49	4 49	17 57	2 40	24 58	2 36	18 52	0 6	23 14	0 16	19 31	1 9	20 28	0 37	7 8	1 14	25 49	4 0	20 37	20 36	23 31	4 13	5 29
T 20	20 57	0 17	4 13	17 36	2 55	24 49	2 34	19 4	0 7	23 13	0 16	19 30	1 9	20 27	0 37	7 8	1 14	25 49	4 0	20 37	20 36	23 33	4 13	5 29
W21	21 8	5s10	3 26	17 16	3 8	24 38	2 32	19 14	0 8	23 13	0 16	19 29	1 9	20 27	0 37	7 7	1 14	25 49	4 0	20 37	20 35	23 35	4 12	5 29
T 22	21 18	10 21	2 31	16 58	3 21	24 28	2 31	19 25	0 8	23 13	0 16	19 28	1 9	20 26	0 37	7 7	1 14	25 49	4 1	20 37	20 34	23 36	4 12	5 30
F 23	21 28	15 6	1 30	16 41	3 32	24 16	2 29	19 36	0 9	23 13	0 16	19 26	1 9	20 26	0 37	7 7	1 14	25 50	4 1	20 37	20 34	23 38	4 11	5 30
S 24	21 38	19 15	0 25	16 25	3 42	24 5	2 26	19 46	0 10	23 13	0 16	19 25	1 9	20 25	0 37	7 7	1 14	25 50	4 1	20 37	20 33	23 40	4 11	5 30
S 25	21 47	22 36	0s41	16 12	3 51	23 52	2 24	19 56	0 10	23 13	0 15	19 24	1 9	20 24	0 37	7 7	1 14	25 50	4 1	20 37	20 32	23 41	4 10	5 31
M26	21 56	24 59	1 44	16 0	3 58	23 40	2 21	20 6	0 11	23 13	0 15	19 22	1 9	20 24	0 37	7 6	1 14	25 51	4 1	20 37	20 32	23 43	4 10	5 31
T 27	22 5	26 16	2 43	15 51	4 4	23 27	2 19	20 16	0 11	23 13	0 15	19 21	1 9	20 23	0 37	7 6	1 14	25 51	4 1	20 37	20 31	23 45	4 9	5 31
W28	22 13	26 21	3 36	15 44	4 9	23 13	2 16	20 25	0 12	23 12	0 15	19 20	1 9	20 23	0 37	7 6	1 14	25 51	4 2	20 36	20 30	23 46	4 9	5 31
T 29	22 21	25 12	4 19	15 39	4 12	22 59	2 13	20 35	0 13	23 12	0 15	19 18	1 9	20 22	0 37	7 6	1 14	25 52	4 2	20 36	20 30	23 48	4 9	5 32
F 30	22 28	22 52	4 52	15 36	4 14	22 45	2 10	20 44	0 13	23 12	0 15	19 17	1 9	20 21	0 37	7 6	1 14	25 52	4 2	20 36	20 29	23 50	4 8	5 32
S 31	22n35	19s28	5s11	15n35	4s15	22n30	2n 6	20n53	0n14	23s12	0n15	19n15	1n 9	20n21	0n37	7s 6	1s14	25s52	4s 2	20n36	20n28	23s51	4s 8	5n32

Julian Day Number = 2099211.5, Delta T = 21m42s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'38, Lahiri = 10°24'39 Julian Calendar 1 May 1035 == Greg. Calendar 7 May 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

JUNE 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 57 53	14♊52'06	3♓40	27♉41	0♌ 2	2♊37	24°R10	8♌54	2♌22	14♓58	21°R 9	1°R36	0♊58	14♐37	6♓13	S 1
M 2	17 1 50	15°49'18	16°36	27°51	0°56	3°18	24♐ 3	9° 0	2°25	14°59	21♑ 8	1°D36	0°55	14°43	6°13	M 2
T 3	17 5 46	16°46'29	29°55	28° 6	1°50	3°59	23°55	9° 6	2°28	14°59	21° 7	1♊36	0°52	14°50	6°13	T 3
W 4	17 9 43	17°43'41	13♈38	28°25	2°43	4°40	23°48	9°11	2°30	14°59	21° 6	1°37	0°49	14°57	6°R13	W 4
T 5	17 13 39	18°40'52	27°47	28°49	3°35	5°21	23°40	9°17	2°33	15° 0	21° 5	1°38	0°46	15° 3	6°13	T 5
F 6	17 17 36	19°38'04	12♉19	29°18	4°27	6° 2	23°33	9°23	2°36	15° 0	21° 4	1°39	0°43	15°10	6°13	F 6
S 7	17 21 32	20°35'15	27°12	29°52	5°18	6°43	23°25	9°28	2°39	15° 0	21° 3	1°R40	0°39	15°17	6°13	S 7
S 8	17 25 29	21°32'27	12♊18	0♊30	6° 8	7°24	23°17	9°34	2°42	15° 0	21° 1	1°40	0°36	15°23	6°13	S 8
M 9	17 29 26	22°29'39	27°30	1°13	6°58	8° 5	23°10	9°40	2°45	15° 1	21° 0	1°39	0°33	15°30	6°13	M 9
T 10	17 33 22	23°26'50	12♋37	2° 0	7°47	8°46	23° 2	9°46	2°48	15° 1	20°59	1°36	0°30	15°36	6°12	T 10
W11	17 37 19	24°24'01	27°30	2°51	8°35	9°27	22°54	9°52	2°51	15° 1	20°58	1°34	0°27	15°43	6°12	W11
T 12	17 41 15	25°21'12	12♌ 3	3°47	9°22	10° 8	22°47	9°59	2°54	15° 1	20°57	1°31	0°24	15°50	6°11	T 12
F 13	17 45 12	26°18'22	26° 9	4°47	10° 9	10°49	22°39	10° 5	2°58	15°R 1	20°55	1°28	0°20	15°56	6°11	F 13
S 14	17 49 8	27°15'32	9♍48	5°51	10°55	11°29	22°31	10°11	3° 1	15° 1	20°54	1°26	0°17	16° 3	6°10	S 14
S 15	17 53 5	28°12'42	23° 0	6°59	11°40	12°10	22°24	10°17	3° 4	15° 1	20°53	1°D25	0°14	16°10	6°10	S 15
M16	17 57 1	29° 9'52	5♎48	8°12	12°24	12°51	22°16	10°24	3° 7	15° 1	20°52	1°25	0°11	16°16	6° 9	M16
T 17	18 0 58	0♋ 7'01	18°15	9°29	13° 7	13°31	22° 8	10°30	3°10	15° 0	20°50	1°26	0° 8	16°23	6° 9	T 17
W18	18 4 55	1° 4'11	0♏26	10°49	13°49	14°12	22° 1	10°36	3°14	15° 0	20°49	1°27	0° 4	16°30	6° 8	W18
T 19	18 8 51	2° 1'20	12°25	12°14	14°30	14°52	21°53	10°43	3°17	15° 0	20°48	1°29	0° 1	16°36	6° 7	T 19
F 20	18 12 48	2°58'29	24°17	13°42	15°10	15°33	21°46	10°49	3°20	15° 0	20°46	1°30	29♉58	16°43	6° 6	F 20
S 21	18 16 44	3°55'39	6♐ 5	15°14	15°49	16°13	21°39	10°56	3°24	15° 0	20°45	1°R30	29°55	16°50	6° 5	S 21
S 22	18 20 41	4°52'48	17°52	16°50	16°27	16°53	21°31	11° 3	3°27	14°59	20°44	1°29	29°52	16°56	6° 4	S 22
M23	18 24 37	5°49'58	29°42	18°30	17° 4	17°33	21°24	11° 9	3°30	14°59	20°42	1°26	29°49	17° 3	6° 3	M23
T 24	18 28 34	6°47'08	11♑37	20°13	17°39	18°14	21°17	11°16	3°34	14°59	20°41	1°22	29°45	17°10	6° 2	T 24
W25	18 32 30	7°44'18	23°37	21°59	18°13	18°54	21°10	11°23	3°37	14°58	20°40	1°16	29°42	17°16	6° 1	W25
T 26	18 36 27	8°41'29	5♒46	23°49	18°46	19°34	21° 3	11°29	3°41	14°58	20°38	1° 9	29°39	17°23	6° 0	T 26
F 27	18 40 24	9°38'41	18° 5	25°41	19°18	20°14	20°56	11°36	3°44	14°57	20°37	1° 3	29°36	17°30	5°59	F 27
S 28	18 44 20	10°35'53	0♓35	27°36	19°48	20°54	20°49	11°43	3°47	14°57	20°36	0°57	29°33	17°36	5°58	S 28
S 29	18 48 17	11°33'05	13°19	29°34	20°16	21°34	20°42	11°50	3°51	14°56	20°34	0°52	29°30	17°43	5°56	S 29
M30	18 52 13	12♋30'19	26♓18	1♋34	20♌43	22♊14	20♐35	11♌57	3♌55	14♓56	20♑33	0♊49	29♉26	17♐50	5♓55	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n42	15s 7	5s16	15n37	4s15	22n15	2n 3	21n 2	0n15	23s12	0n15	19n14	1n 9	20n20	0n37	7s 6	1s14	25s53	4s 2	20n35	20n28	23s53	4s 8	5n32
M 2	22 48	10 0	5 6	15 40	4 13	21 59	1 59	21 10	0 15	23 11	0 14	19 12	1 9	20 19	0 37	7 5	1 15	25 53	4 2	20 35	20 27	23 54	4 7	5 33
T 3	22 54	4 18	4 39	15 46	4 11	21 43	1 55	21 19	0 16	23 11	0 14	19 11	1 9	20 19	0 37	7 5	1 15	25 53	4 2	20 35	20 26	23 56	4 7	5 33
W 4	23 0	1n48	3 55	15 54	4 7	21 27	1 51	21 27	0 16	23 11	0 14	19 9	1 9	20 18	0 37	7 5	1 15	25 54	4 3	20 36	20 26	23 58	4 7	5 33
T 5	23 5	7 59	2 57	16 4	4 2	21 11	1 46	21 35	0 17	23 11	0 14	19 8	1 9	20 17	0 37	7 5	1 15	25 54	4 3	20 36	20 25	23 59	4 7	5 34
F 6	23 9	13 57	1 45	16 15	3 57	20 54	1 42	21 43	0 18	23 11	0 14	19 6	1 9	20 17	0 37	7 5	1 15	25 54	4 3	20 36	20 24	24 1	4 6	5 34
S 7	23 14	19 14	0 25	16 28	3 50	20 37	1 37	21 51	0 18	23 10	0 14	19 5	1 9	20 16	0 37	7 5	1 15	25 55	4 3	20 36	20 24	24 2	4 6	5 34
S 8	23 18	23 21	0n58	16 43	3 43	20 19	1 32	21 58	0 19	23 10	0 14	19 3	1 9	20 15	0 37	7 5	1 15	25 55	4 3	20 36	20 23	24 4	4 6	5 34
M 9	23 21	25 50	2 18	17 0	3 35	20 2	1 27	22 6	0 19	23 10	0 13	19 1	1 9	20 15	0 37	7 5	1 15	25 55	4 3	20 36	20 22	24 6	4 6	5 35
T 10	23 24	26 24	3 27	17 18	3 27	19 44	1 21	22 13	0 20	23 10	0 13	19 0	1 9	20 14	0 37	7 5	1 15	25 56	4 3	20 35	20 22	24 7	4 6	5 35
W11	23 27	25 2	4 21	17 37	3 17	19 26	1 16	22 20	0 21	23 9	0 13	18 58	1 9	20 13	0 37	7 5	1 15	25 56	4 4	20 35	20 21	24 9	4 5	5 35
T 12	23 29	22 1	4 57	17 57	3 7	19 8	1 10	22 26	0 21	23 9	0 13	18 57	1 9	20 12	0 37	7 5	1 15	25 56	4 4	20 34	20 20	24 10	4 5	5 35
F 13	23 31	17 46	5 13	18 18	2 57	18 49	1 4	22 33	0 22	23 9	0 13	18 55	1 9	20 12	0 37	7 5	1 15	25 57	4 4	20 34	20 20	24 12	4 5	5 36
S 14	23 32	12 44	5 11	18 40	2 46	18 31	0 58	22 39	0 22	23 8	0 13	18 53	1 9	20 11	0 37	7 5	1 15	25 57	4 4	20 33	20 19	24 13	4 5	5 36
S 15	23 33	7 16	4 53	19 3	2 35	18 12	0 51	22 45	0 23	23 8	0 13	18 51	1 9	20 10	0 37	7 5	1 15	25 57	4 4	20 33	20 18	24 15	4 5	5 36
M16	23 34	1 40	4 20	19 26	2 23	17 53	0 44	22 51	0 24	23 8	0 12	18 50	1 9	20 9	0 37	7 5	1 15	25 58	4 4	20 33	20 18	24 17	4 5	5 37
T 17	23 34	3s52	3 36	19 50	2 11	17 34	0 37	22 57	0 24	23 8	0 12	18 48	1 9	20 9	0 37	7 6	1 15	25 58	4 4	20 33	20 17	24 18	4 5	5 37
W18	23 34	9 9	2 42	20 14	1 59	17 15	0 30	23 2	0 25	23 7	0 12	18 46	1 9	20 8	0 37	7 6	1 15	25 58	4 5	20 34	20 16	24 20	4 5	5 37
T 19	23 33	14 1	1 43	20 38	1 46	16 56	0 23	23 7	0 25	23 7	0 12	18 44	1 9	20 7	0 37	7 6	1 15	25 59	4 5	20 34	20 16	24 21	4 5	5 37
F 20	23 32	18 18	0 40	21 1	1 33	16 37	0 15	23 13	0 26	23 7	0 12	18 43	1 9	20 6	0 37	7 6	1 15	25 59	4 5	20 34	20 15	24 23	4 5	5 38
S 21	23 30	21 51	0s25	21 25	1 21	16 17	0 7	23 17	0 27	23 6	0 12	18 41	1 9	20 5	0 37	7 6	1 15	25 59	4 5	20 34	20 14	24 24	4 5	5 38
S 22	23 28	24 29	1 28	21 47	1 8	15 58	0s 1	23 22	0 27	23 6	0 11	18 39	1 9	20 5	0 37	7 6	1 16	26 0	4 5	20 34	20 14	24 26	4 6	5 38
M23	23 26	26 2	2 28	22 9	0 55	15 39	0 10	23 27	0 28	23 6	0 11	18 37	1 9	20 4	0 36	7 6	1 16	26 0	4 5	20 33	20 13	24 27	4 6	5 38
T 24	23 23	26 24	3 21	22 30	0 42	15 20	0 18	23 31	0 28	23 5	0 11	18 35	1 9	20 3	0 36	7 7	1 16	26 0	4 5	20 32	20 12	24 29	4 6	5 39
W25	23 20	25 32	4 6	22 50	0 30	15 1	0 27	23 35	0 29	23 5	0 11	18 33	1 9	20 2	0 36	7 7	1 16	26 0	4 5	20 31	20 12	24 30	4 6	5 39
T 26	23 17	23 27	4 40	23 8	0 17	14 42	0 37	23 39	0 30	23 5	0 11	18 32	1 9	20 1	0 36	7 7	1 16	26 1	4 5	20 30	20 11	24 32	4 6	5 39
F 27	23 13	20 16	5 2	23 25	0 5	14 23	0 46	23 42	0 30	23 5	0 11	18 30	1 9	20 1	0 36	7 7	1 16	26 1	4 6	20 29	20 10	24 33	4 6	5 39
S 28	23 8	16 9	5 10	23 39	0n 7	14 4	0 56	23 46	0 31	23 4	0 11	18 28	1 9	20 0	0 36	7 7	1 16	26 1	4 6	20 27	20 10	24 35	4 7	5 39
S 29	23 4	11 15	5 3	23 52	0 18	13 46	1 6	23 49	0 31	23 4	0 10	18 26	1 9	19 59	0 36	7 8	1 16	26 2	4 6	20 26	20 9	24 36	4 7	5 40
M30	22n58	5s46	4s40	24n 2	0n29	13n27	1s16	23n52	0n32	23s 4	0n10	18n24	1n 9	19n58	0n36	7s 8	1s16	26s 2	4s 6	20n26	20n 8	24s37	4s 7	5n40

Julian Day Number = 2099242.5, Delta T = 21m41s
Ecliptic obliquity = 23°33'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'42, Lahiri = 10°24'43 Julian Calendar 1 June 1035 == Greg. Calendar 7 June 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

JULY 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 56 10	13♋27'33	9♈34	3♋36	21♌ 9	22♊54	20°R29	12♌ 4	3♌58	14°R55	20°R31	0°D48	29♉23	17♐56	5°R54	T 1
W 2	19 0 6	14°24'48	23°10	5°40	21°33	23°34	20♐22	12°11	4° 2	14♓55	20♑30	0♊48	29°20	18° 3	5♓52	W 2
T 3	19 4 3	15°22'04	7♉ 7	7°45	21°55	24°14	20°16	12°18	4° 5	14°54	20°29	0°49	29°17	18° 9	5°51	T 3
F 4	19 7 59	16°19'21	21°25	9°50	22°15	24°54	20°10	12°25	4° 9	14°54	20°27	0°50	29°14	18°16	5°49	F 4
S 5	19 11 56	17°16'39	6♊ 2	11°57	22°34	25°33	20° 4	12°32	4°12	14°53	20°26	0°R50	29°10	18°23	5°48	S 5
S 6	19 15 53	18°13'58	20°55	14° 4	22°51	26°13	19°58	12°39	4°16	14°52	20°24	0°49	29° 7	18°29	5°46	S 6
M 7	19 19 49	19°11'18	5♋57	16°11	23° 5	26°53	19°52	12°47	4°20	14°51	20°23	0°45	29° 4	18°36	5°44	M 7
T 8	19 23 46	20° 8'39	20°58	18°18	23°18	27°32	19°46	12°54	4°23	14°51	20°22	0°40	29° 1	18°43	5°43	T 8
W 9	19 27 42	21° 6'00	5♌51	20°24	23°29	28°12	19°40	13° 1	4°27	14°50	20°20	0°32	28°58	18°49	5°41	W 9
T 10	19 31 39	22° 3'22	20°27	22°30	23°38	28°51	19°35	13° 8	4°30	14°49	20°19	0°25	28°55	18°56	5°39	T 10
F 11	19 35 35	23° 0'45	4♍38	24°35	23°44	29°31	19°30	13°16	4°34	14°48	20°17	0°17	28°51	19° 3	5°37	F 11
S 12	19 39 32	23°58'09	18°23	26°38	23°49	0♋10	19°25	13°23	4°38	14°47	20°16	0°11	28°48	19° 9	5°35	S 12
S 13	19 43 29	24°55'33	1♎39	28°41	23°R51	0°50	19°20	13°30	4°41	14°46	20°15	0° 6	28°45	19°16	5°33	S 13
M14	19 47 25	25°52'57	14°29	0♌43	23°50	1°29	19°15	13°38	4°45	14°45	20°13	0° 4	28°42	19°23	5°31	M14
T 15	19 51 22	26°50'23	26°56	2°43	23°48	2° 8	19°10	13°45	4°49	14°44	20°12	0°D 3	28°39	19°29	5°29	T 15
W16	19 55 18	27°47'49	9♏ 6	4°41	23°43	2°48	19° 5	13°52	4°53	14°43	20°10	0° 3	28°36	19°36	5°27	W16
T 17	19 59 15	28°45'16	21° 3	6°39	23°36	3°27	19° 1	14° 0	4°56	14°42	20° 9	0° 4	28°32	19°43	5°25	T 17
F 18	20 3 11	29°42'44	2♐53	8°35	23°26	4° 6	18°57	14° 7	5° 0	14°41	20° 8	0°R 4	28°29	19°49	5°23	F 18
S 19	20 7 8	0♌40'13	14°40	10°29	23°14	4°45	18°53	14°15	5° 4	14°40	20° 6	0° 3	28°26	19°56	5°21	S 19
S 20	20 11 4	1°37'43	26°29	12°22	22°59	5°24	18°49	14°22	5° 7	14°39	20° 5	29♉59	28°23	20° 3	5°19	S 20
M21	20 15 1	2°35'14	8♑24	14°13	22°43	6° 3	18°45	14°30	5°11	14°38	20° 3	29°54	28°20	20° 9	5°17	M21
T 22	20 18 58	3°32'46	20°26	16° 3	22°23	6°42	18°41	14°37	5°15	14°37	20° 2	29°46	28°16	20°16	5°14	T 22
W23	20 22 54	4°30'19	2♒38	17°51	22° 2	7°21	18°38	14°45	5°18	14°36	20° 1	29°36	28°13	20°23	5°12	W23
T 24	20 26 51	5°27'53	15° 1	19°38	21°38	8° 0	18°35	14°52	5°22	14°35	19°59	29°24	28°10	20°29	5°10	T 24
F 25	20 30 47	6°25'28	27°35	21°23	21°13	8°39	18°32	15° 0	5°26	14°34	19°58	29°13	28° 7	20°36	5° 7	F 25
S 26	20 34 44	7°23'05	10♓21	23° 7	20°45	9°18	18°29	15° 7	5°30	14°32	19°57	29° 2	28° 4	20°43	5° 5	S 26
S 27	20 38 40	8°20'43	23°19	24°49	20°16	9°57	18°26	15°15	5°33	14°31	19°55	28°53	28° 1	20°49	5° 3	S 27
M28	20 42 37	9°18'23	6♈29	26°30	19°45	10°35	18°24	15°23	5°37	14°30	19°54	28°47	27°57	20°56	5° 0	M28
T 29	20 46 33	10°16'04	19°52	28° 9	19°12	11°14	18°21	15°30	5°41	14°28	19°53	28°43	27°54	21° 3	4°58	T 29
W30	20 50 30	11°13'48	3♉28	29°47	18°39	11°53	18°19	15°38	5°45	14°27	19°51	28°41	27°51	21° 9	4°55	W30
T 31	20 54 26	12♌11'32	17♉18	1♍24	18♌ 4	12♋31	18♐17	15♌45	5♌48	14♓26	19♑50	28°D41	27♉48	21♐16	4♓53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n53	0n 6	4s 2	24n10	0n39	13n 9	1s27	23n55	0n33	23s 3	0n10	18n22	1n 9	19n57	0n36	7s 8	1s16	26s 2	4s 6	20n26	20n 8	24s39	4s 8	5n40
W 2	22 47	6 7	3 10	24 15	0 49	12 51	1 38	23 58	0 33	23 3	0 10	18 20	1 9	19 56	0 36	7 8	1 16	26 3	4 6	20 26	20 7	24 40	4 8	5 40
T 3	22 40	12 0	2 5	24 18	0 58	12 34	1 49	24 0	0 34	23 3	0 10	18 18	1 9	19 56	0 36	7 9	1 16	26 3	4 6	20 26	20 6	24 42	4 8	5 41
F 4	22 34	17 24	0 51	24 18	1 6	12 16	2 0	24 2	0 34	23 2	0 10	18 16	1 9	19 55	0 36	7 9	1 16	26 3	4 6	20 26	20 5	24 43	4 9	5 41
S 5	22 27	21 53	0n28	24 15	1 14	12 0	2 12	24 4	0 35	23 2	0 9	18 14	1 9	19 54	0 36	7 9	1 16	26 4	4 6	20 26	20 5	24 45	4 9	5 41
S 6	22 19	25 1	1 46	24 9	1 20	11 43	2 23	24 6	0 36	23 2	0 9	18 12	1 9	19 53	0 36	7 10	1 16	26 4	4 6	20 26	20 4	24 46	4 9	5 41
M 7	22 11	26 23	2 58	24 0	1 26	11 27	2 35	24 8	0 36	23 1	0 9	18 10	1 9	19 52	0 36	7 10	1 16	26 4	4 7	20 25	20 3	24 47	4 10	5 41
T 8	22 3	25 49	3 57	23 49	1 32	11 11	2 48	24 9	0 37	23 1	0 9	18 8	1 9	19 51	0 36	7 10	1 16	26 5	4 7	20 24	20 3	24 49	4 10	5 42
W 9	21 54	23 25	4 39	23 35	1 36	10 56	3 0	24 10	0 37	23 1	0 9	18 6	1 9	19 50	0 36	7 11	1 16	26 5	4 7	20 22	20 2	24 50	4 11	5 42
T 10	21 45	19 31	5 2	23 19	1 40	10 41	3 13	24 12	0 38	23 1	0 9	18 4	1 9	19 49	0 36	7 11	1 16	26 5	4 7	20 21	20 1	24 52	4 11	5 42
F 11	21 35	14 36	5 6	23 0	1 43	10 26	3 26	24 12	0 38	23 0	0 9	18 2	1 9	19 49	0 36	7 11	1 16	26 5	4 7	20 19	20 1	24 53	4 12	5 42
S 12	21 26	9 5	4 52	22 39	1 45	10 13	3 39	24 13	0 39	23 0	0 8	18 0	1 9	19 48	0 36	7 12	1 16	26 6	4 7	20 18	20 0	24 54	4 12	5 42
S 13	21 15	3 21	4 22	22 16	1 46	9 59	3 52	24 13	0 40	23 0	0 8	17 58	1 9	19 47	0 36	7 12	1 16	26 6	4 7	20 17	19 59	24 56	4 13	5 43
M14	21 5	2s22	3 40	21 51	1 47	9 47	4 5	24 14	0 40	23 0	0 8	17 56	1 9	19 46	0 36	7 13	1 17	26 6	4 7	20 16	19 58	24 57	4 13	5 43
T 15	20 54	7 49	2 48	21 24	1 47	9 35	4 19	24 14	0 41	22 59	0 8	17 53	1 9	19 45	0 36	7 13	1 17	26 7	4 7	20 16	19 58	24 59	4 14	5 43
W16	20 43	12 52	1 50	20 55	1 47	9 24	4 32	24 13	0 41	22 59	0 8	17 51	1 9	19 44	0 36	7 13	1 17	26 7	4 7	20 16	19 57	25 0	4 14	5 43
T 17	20 31	17 20	0 48	20 25	1 46	9 14	4 46	24 13	0 42	22 59	0 8	17 49	1 9	19 43	0 36	7 14	1 17	26 7	4 7	20 16	19 56	25 1	4 15	5 43
F 18	20 19	21 6	0s15	19 53	1 44	9 4	4 59	24 13	0 42	22 59	0 7	17 47	1 9	19 42	0 36	7 14	1 17	26 7	4 7	20 16	19 56	25 3	4 16	5 43
S 19	20 7	23 58	1 17	19 20	1 42	8 55	5 13	24 12	0 43	22 59	0 7	17 45	1 9	19 41	0 36	7 15	1 17	26 8	4 7	20 16	19 55	25 4	4 16	5 44
S 20	19 54	25 47	2 16	18 46	1 39	8 47	5 26	24 11	0 44	22 58	0 7	17 43	1 10	19 41	0 36	7 15	1 17	26 8	4 8	20 15	19 54	25 5	4 17	5 44
M21	19 41	26 27	3 10	18 11	1 36	8 40	5 40	24 10	0 44	22 58	0 7	17 41	1 10	19 40	0 36	7 16	1 17	26 8	4 8	20 14	19 54	25 7	4 18	5 44
T 22	19 28	25 52	3 55	17 34	1 32	8 34	5 53	24 8	0 45	22 58	0 7	17 39	1 10	19 39	0 36	7 16	1 17	26 9	4 8	20 12	19 53	25 8	4 18	5 44
W23	19 14	24 3	4 30	16 57	1 28	8 28	6 5	24 7	0 45	22 58	0 7	17 36	1 10	19 38	0 36	7 17	1 17	26 9	4 8	20 10	19 52	25 9	4 19	5 44
T 24	19 0	21 5	4 53	16 19	1 23	8 24	6 18	24 5	0 46	22 58	0 6	17 34	1 10	19 37	0 36	7 17	1 17	26 9	4 8	20 8	19 51	25 11	4 20	5 44
F 25	18 46	17 6	5 2	15 41	1 18	8 20	6 30	24 3	0 46	22 58	0 6	17 32	1 10	19 36	0 36	7 18	1 17	26 9	4 8	20 5	19 51	25 12	4 20	5 44
S 26	18 31	12 18	4 57	15 2	1 13	8 18	6 42	24 1	0 47	22 58	0 6	17 30	1 10	19 35	0 36	7 18	1 17	26 10	4 8	20 3	19 50	25 13	4 21	5 45
S 27	18 16	6 53	4 36	14 22	1 7	8 16	6 53	23 59	0 48	22 58	0 6	17 28	1 10	19 34	0 36	7 19	1 17	26 10	4 8	20 1	19 49	25 14	4 22	5 45
M28	18 1	1 5	4 0	13 42	1 1	8 15	7 4	23 56	0 48	22 58	0 6	17 25	1 10	19 33	0 36	7 19	1 17	26 10	4 8	20 0	19 49	25 16	4 23	5 45
T 29	17 46	4n52	3 11	13 2	0 55	8 15	7 14	23 54	0 49	22 57	0 6	17 23	1 10	19 32	0 36	7 20	1 17	26 10	4 8	19 59	19 48	25 17	4 23	5 45
W30	17 30	10 42	2 10	12 21	0 48	8 17	7 24	23 51	0 49	22 57	0 6	17 21	1 10	19 31	0 36	7 20	1 17	26 11	4 8	19 58	19 47	25 18	4 24	5 45
T 31	17n14	16n 8	1s 0	11n40	0n41	8n19	7s33	23n48	0n50	22s57	0n 5	17n19	1n10	19n31	0n36	7s21	1s17	26s11	4s 8	19n58	19n46	25s19	4s25	5n45

Julian Day Number = 2099272.5, Delta T = 21m41s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'46, Lahiri = 10°24'47 Julian Calendar 1 July 1035 == Greg. Calendar 7 July 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

AUGUST 1035 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 58 23	13♌ 9'19	1♊24	2♍59	17°R28	13♋10	18°R16	15♌53	5♌52	14°R24	19°R49	28°R41	27♉45	21♐22	4°R50	F 1
S 2	21 2 20	14° 7'08	15°44	4°33	16♌51	13°49	18♐14	16° 1	5°56	14♓23	19♑48	28♉40	27°42	21°29	4♓48	S 2
S 3	21 6 16	15° 4'58	0♋17	6° 5	16°15	14°27	18°13	16° 8	5°59	14°22	19°46	28°37	27°38	21°36	4°45	S 3
M 4	21 10 13	16° 2'50	14°58	7°36	15°37	15° 6	18°11	16°16	6° 3	14°20	19°45	28°32	27°35	21°42	4°42	M 4
T 5	21 14 9	17° 0'44	29°41	9° 5	15° 0	15°44	18°10	16°23	6° 7	14°19	19°44	28°23	27°32	21°49	4°40	T 5
W 6	21 18 6	17°58'39	14♌19	10°33	14°24	16°22	18°10	16°31	6°10	14°18	19°43	28°13	27°29	21°56	4°37	W 6
T 7	21 22 2	18°56'36	28°44	12° 0	13°47	17° 1	18° 9	16°39	6°14	14°16	19°42	28° 2	27°26	22° 2	4°34	T 7
F 8	21 25 59	19°54'34	12♍49	13°25	13°12	17°39	18° 8	16°46	6°18	14°15	19°40	27°50	27°22	22° 9	4°32	F 8
S 9	21 29 56	20°52'34	26°31	14°48	12°37	18°17	18° 8	16°54	6°21	14°13	19°39	27°40	27°19	22°16	4°29	S 9
S 10	21 33 52	21°50'35	9♎47	16°10	12° 4	18°56	18°D 8	17° 1	6°25	14°12	19°38	27°33	27°16	22°22	4°26	S 10
M11	21 37 49	22°48'38	22°38	17°31	11°32	19°34	18° 8	17° 9	6°29	14°10	19°37	27°27	27°13	22°29	4°24	M11
T 12	21 41 45	23°46'42	5♏ 6	18°50	11° 1	20°12	18° 9	17°17	6°32	14° 9	19°36	27°25	27°10	22°36	4°21	T 12
W13	21 45 42	24°44'48	17°17	20° 7	10°32	20°50	18° 9	17°24	6°36	14° 7	19°35	27°24	27° 7	22°42	4°18	W13
T 14	21 49 38	25°42'55	29°15	21°23	10° 5	21°28	18°10	17°32	6°39	14° 5	19°34	27°24	27° 3	22°49	4°15	T 14
F 15	21 53 35	26°41'04	11♐ 5	22°36	9°40	22° 6	18°11	17°39	6°43	14° 4	19°33	27°23	27° 0	22°56	4°12	F 15
S 16	21 57 31	27°39'14	22°53	23°48	9°17	22°44	18°12	17°47	6°46	14° 2	19°32	27°22	26°57	23° 2	4°10	S 16
S 17	22 1 28	28°37'26	4♑45	24°58	8°56	23°22	18°13	17°54	6°50	14° 1	19°31	27°18	26°54	23° 9	4° 7	S 17
M18	22 5 25	29°35'40	16°44	26° 6	8°38	24° 0	18°14	18° 2	6°53	13°59	19°30	27°11	26°51	23°16	4° 4	M18
T 19	22 9 21	0♍33'55	28°54	27°12	8°21	24°38	18°16	18° 9	6°57	13°58	19°29	27° 2	26°48	23°22	4° 1	T 19
W20	22 13 18	1°32'11	11♒17	28°16	8° 8	25°15	18°18	18°17	7° 0	13°56	19°28	26°51	26°44	23°29	3°59	W20
T 21	22 17 14	2°30'30	23°55	29°17	7°56	25°53	18°20	18°24	7° 4	13°54	19°27	26°38	26°41	23°36	3°56	T 21
F 22	22 21 11	3°28'50	6♓48	0♎16	7°47	26°31	18°22	18°32	7° 7	13°53	19°26	26°25	26°38	23°42	3°53	F 22
S 23	22 25 7	4°27'12	19°55	1°12	7°40	27° 9	18°24	18°39	7°11	13°51	19°25	26°13	26°35	23°49	3°50	S 23
S 24	22 29 4	5°25'36	3♈14	2° 5	7°36	27°46	18°27	18°47	7°14	13°49	19°24	26° 3	26°32	23°56	3°47	S 24
M25	22 33 0	6°24'02	16°44	2°55	7°D34	28°24	18°30	18°54	7°18	13°48	19°23	25°55	26°28	24° 2	3°44	M25
T 26	22 36 57	7°22'31	0♉23	3°42	7°35	29° 1	18°33	19° 1	7°21	13°46	19°22	25°51	26°25	24° 9	3°42	T 26
W27	22 40 53	8°21'01	14°11	4°26	7°38	29°39	18°36	19° 9	7°24	13°45	19°21	25°49	26°22	24°16	3°39	W27
T 28	22 44 50	9°19'34	28° 6	5° 5	7°43	0♌16	18°39	19°16	7°28	13°43	19°21	25°D48	26°19	24°22	3°36	T 28
F 29	22 48 47	10°18'09	12♊ 8	5°41	7°51	0°54	18°43	19°23	7°31	13°41	19°20	25°R48	26°16	24°29	3°33	F 29
S 30	22 52 43	11°16'46	26°17	6°12	8° 0	1°31	18°46	19°31	7°34	13°40	19°19	25°48	26°13	24°36	3°31	S 30
S 31	22 56 40	12♍15'26	10♋32	6♎38	8♌12	2♌ 8	18♐50	19♌38	7♌37	13♓38	19♑18	25♉45	26♉ 9	24♐42	3♓28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n57	20n47	0n14	10n59	0n34	8n21	7s41	23n45	0n50	22s57	0n 5	17n17	1n10	19n30	0n37	7s21	1s17	26s11	4s 8	19n58	19n46	25s21	4s26	5n45
S 2	16 41	24 16	1 29	10 18	0 26	8 25	7 48	23 41	0 51	22 57	0 5	17 14	1 10	19 29	0 37	7 22	1 17	26 11	4 8	19 58	19 45	25 22	4 27	5 45
S 3	16 24	26 13	2 39	9 37	0 19	8 29	7 55	23 38	0 52	22 57	0 5	17 12	1 10	19 28	0 37	7 22	1 17	26 11	4 8	19 57	19 44	25 23	4 28	5 45
M 4	16 7	26 21	3 39	8 56	0 11	8 35	8 1	23 34	0 52	22 57	0 5	17 10	1 10	19 27	0 37	7 23	1 17	26 12	4 8	19 56	19 44	25 24	4 29	5 45
T 5	15 49	24 38	4 24	8 15	0 3	8 41	8 5	23 30	0 53	22 58	0 5	17 8	1 11	19 26	0 37	7 24	1 17	26 12	4 8	19 54	19 43	25 26	4 29	5 45
W 6	15 31	21 17	4 52	7 34	0s 5	8 47	8 9	23 26	0 53	22 58	0 5	17 5	1 11	19 25	0 37	7 24	1 17	26 12	4 8	19 52	19 42	25 27	4 30	5 46
T 7	15 13	16 40	5 1	6 53	0 14	8 54	8 13	23 22	0 54	22 58	0 4	17 3	1 11	19 24	0 37	7 25	1 17	26 12	4 8	19 49	19 41	25 28	4 31	5 46
F 8	14 55	11 15	4 51	6 13	0 22	9 2	8 15	23 17	0 54	22 58	0 4	17 1	1 11	19 23	0 37	7 25	1 17	26 12	4 8	19 47	19 41	25 29	4 32	5 46
S 9	14 37	5 26	4 24	5 33	0 31	9 10	8 16	23 13	0 55	22 58	0 4	16 59	1 11	19 22	0 37	7 26	1 17	26 13	4 8	19 45	19 40	25 31	4 33	5 46
S 10	14 18	0s28	3 44	4 53	0 39	9 19	8 17	23 8	0 55	22 58	0 4	16 56	1 11	19 22	0 37	7 27	1 17	26 13	4 8	19 43	19 39	25 32	4 34	5 46
M11	13 59	6 10	2 53	4 13	0 48	9 28	8 16	23 3	0 56	22 58	0 4	16 54	1 11	19 21	0 37	7 27	1 17	26 13	4 8	19 42	19 38	25 33	4 35	5 46
T 12	13 40	11 29	1 55	3 34	0 57	9 37	8 15	22 58	0 57	22 58	0 4	16 52	1 11	19 20	0 37	7 28	1 18	26 13	4 8	19 41	19 38	25 34	4 36	5 46
W13	13 21	16 14	0 53	2 56	1 6	9 46	8 13	22 53	0 57	22 59	0 4	16 50	1 11	19 19	0 37	7 28	1 18	26 13	4 8	19 41	19 37	25 35	4 37	5 46
T 14	13 1	20 15	0s10	2 18	1 15	9 56	8 10	22 47	0 58	22 59	0 3	16 47	1 11	19 18	0 37	7 29	1 18	26 14	4 8	19 41	19 36	25 36	4 38	5 46
F 15	12 41	23 25	1 12	1 40	1 24	10 6	8 7	22 42	0 58	22 59	0 3	16 45	1 11	19 17	0 37	7 30	1 18	26 14	4 8	19 41	19 35	25 38	4 39	5 46
S 16	12 21	25 33	2 11	1 3	1 33	10 16	8 3	22 36	0 59	22 59	0 3	16 43	1 11	19 16	0 37	7 30	1 18	26 14	4 8	19 40	19 35	25 39	4 40	5 46
S 17	12 1	26 33	3 4	0 27	1 42	10 26	7 58	22 30	0 59	22 59	0 3	16 41	1 12	19 15	0 37	7 31	1 18	26 14	4 8	19 40	19 34	25 40	4 41	5 46
M18	11 40	26 18	3 50	0s 8	1 51	10 36	7 52	22 24	1 0	23 0	0 3	16 39	1 12	19 14	0 37	7 32	1 18	26 14	4 8	19 38	19 33	25 41	4 42	5 46
T 19	11 20	24 49	4 25	0 43	1 59	10 45	7 46	22 18	1 0	23 0	0 3	16 36	1 12	19 14	0 37	7 32	1 18	26 14	4 8	19 36	19 33	25 42	4 43	5 46
W20	10 59	22 7	4 49	1 16	2 8	10 55	7 40	22 12	1 1	23 0	0 3	16 34	1 12	19 13	0 37	7 33	1 18	26 14	4 8	19 33	19 32	25 43	4 44	5 46
T 21	10 38	18 19	5 0	1 49	2 17	11 5	7 33	22 5	1 1	23 1	0 2	16 32	1 12	19 12	0 37	7 33	1 18	26 15	4 8	19 30	19 31	25 44	4 45	5 46
F 22	10 17	13 37	4 55	2 20	2 26	11 14	7 25	21 59	1 2	23 1	0 2	16 30	1 12	19 11	0 37	7 34	1 18	26 15	4 8	19 27	19 30	25 46	4 46	5 46
S 23	9 56	8 14	4 35	2 50	2 34	11 23	7 18	21 52	1 3	23 1	0 2	16 27	1 12	19 10	0 37	7 35	1 18	26 15	4 8	19 24	19 30	25 47	4 47	5 46
S 24	9 34	2 23	4 0	3 19	2 42	11 32	7 10	21 45	1 3	23 2	0 2	16 25	1 12	19 9	0 37	7 35	1 18	26 15	4 8	19 22	19 29	25 48	4 48	5 46
M25	9 13	3n40	3 11	3 46	2 51	11 41	7 1	21 38	1 4	23 2	0 2	16 23	1 12	19 8	0 37	7 36	1 18	26 15	4 8	19 20	19 28	25 49	4 49	5 46
T 26	8 51	9 38	2 10	4 12	2 58	11 49	6 52	21 31	1 4	23 2	0 2	16 21	1 12	19 8	0 37	7 37	1 18	26 15	4 8	19 19	19 27	25 50	4 50	5 45
W27	8 29	15 12	1 1	4 37	3 6	11 57	6 43	21 23	1 5	23 3	0 2	16 19	1 13	19 7	0 37	7 37	1 18	26 15	4 8	19 19	19 27	25 51	4 51	5 45
T 28	8 7	20 2	0n12	4 59	3 13	12 5	6 34	21 16	1 5	23 3	0 1	16 16	1 13	19 6	0 37	7 38	1 18	26 15	4 8	19 19	19 26	25 52	4 52	5 45
F 29	7 45	23 47	1 25	5 19	3 20	12 12	6 25	21 8	1 6	23 4	0 1	16 14	1 13	19 5	0 37	7 39	1 18	26 16	4 8	19 19	19 25	25 53	4 53	5 45
S 30	7 22	26 5	2 34	5 37	3 26	12 19	6 15	21 0	1 6	23 4	0 1	16 12	1 13	19 4	0 37	7 39	1 18	26 16	4 8	19 18	19 24	25 54	4 55	5 45
S 31	7n 0	26n42	3n34	5s53	3s32	12n25	6s 6	20n52	1n 7	23s 5	0n 1	16n10	1n13	19n 3	0n37	7s40	1s18	26s16	4s 8	19n18	19n24	25s55	4s56	5n45

Julian Day Number = 2099303.5, Delta T = 21m41s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'51, Lahiri = 10°24'51 Julian Calendar 1 Aug. 1035 == Greg. Calendar 7 Aug. 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

SEPTEMBER 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 0 36	13♍14'08	24♋50	6♎59	8♌26	2♌46	18♐54	19♌45	7♌41	13°R36	19°R18	25°R40	26♉ 6	24♐49	3°R25	M 1
T 2	23 4 33	14°12'52	9♌ 7	7°15	8°42	3°23	18°58	19°52	7°44	13♓35	19♑17	25♉32	26° 3	24°56	3♓22	T 2
W 3	23 8 29	15°11'39	23°20	7°25	9° 0	4° 0	19° 3	19°59	7°47	13°33	19°16	25°22	26° 0	25° 2	3°20	W 3
T 4	23 12 26	16°10'27	7♍23	7°R28	9°20	4°37	19° 7	20° 7	7°50	13°31	19°16	25°11	25°57	25° 9	3°17	T 4
F 5	23 16 22	17° 9'18	21°10	7°25	9°42	5°14	19°12	20°14	7°53	13°30	19°15	25° 0	25°53	25°16	3°14	F 5
S 6	23 20 19	18° 8'10	4♎39	7°15	10° 5	5°51	19°17	20°21	7°56	13°28	19°14	24°50	25°50	25°22	3°11	S 6
S 7	23 24 16	19° 7'05	17°46	6°58	10°30	6°29	19°22	20°28	7°59	13°26	19°14	24°42	25°47	25°29	3° 9	S 7
M 8	23 28 12	20° 6'01	0♏32	6°33	10°57	7° 5	19°27	20°35	8° 2	13°25	19°13	24°37	25°44	25°36	3° 6	M 8
T 9	23 32 9	21° 5'00	12°59	6° 1	11°25	7°42	19°32	20°42	8° 5	13°23	19°13	24°34	25°41	25°42	3° 3	T 9
W10	23 36 5	22° 4'00	25°10	5°22	11°55	8°19	19°38	20°49	8° 8	13°21	19°12	24°D34	25°38	25°49	3° 1	W10
T 11	23 40 2	23° 3'02	7♐ 8	4°35	12°27	8°56	19°43	20°55	8°11	13°20	19°12	24°34	25°34	25°56	2°58	T 11
F 12	23 43 58	24° 2'06	18°59	3°41	13° 0	9°33	19°49	21° 2	8°14	13°18	19°11	24°R35	25°31	26° 2	2°56	F 12
S 13	23 47 55	25° 1'12	0♑48	2°42	13°34	10°10	19°55	21° 9	8°17	13°16	19°11	24°35	25°28	26° 9	2°53	S 13
S 14	23 51 51	26° 0'20	12°41	1°38	14°10	10°46	20° 2	21°16	8°19	13°15	19°11	24°33	25°25	26°16	2°51	S 14
M15	23 55 48	26°59'29	24°42	0°30	14°47	11°23	20° 8	21°22	8°22	13°13	19°10	24°29	25°22	26°22	2°48	M15
T 16	23 59 45	27°58'40	6♒56	29♍20	15°25	12° 0	20°14	21°29	8°25	13°12	19°10	24°23	25°19	26°29	2°46	T 16
W17	0 3 41	28°57'54	19°27	28°10	16° 4	12°36	20°21	21°36	8°28	13°10	19°10	24°15	25°15	26°36	2°43	W17
T 18	0 7 38	29°57'09	2♓16	27° 2	16°45	13°13	20°28	21°42	8°30	13° 8	19° 9	24° 6	25°12	26°42	2°41	T 18
F 19	0 11 34	0♎56'26	15°24	25°57	17°26	13°49	20°35	21°49	8°33	13° 7	19° 9	23°57	25° 9	26°49	2°38	F 19
S 20	0 15 31	1°55'45	28°51	24°58	18° 9	14°25	20°42	21°55	8°36	13° 5	19° 9	23°48	25° 6	26°56	2°36	S 20
S 21	0 19 27	2°55'06	12♈34	24° 6	18°53	15° 2	20°49	22° 2	8°38	13° 4	19° 9	23°40	25° 3	27° 2	2°34	S 21
M22	0 23 24	3°54'29	26°30	23°22	19°38	15°38	20°56	22° 8	8°41	13° 2	19° 9	23°35	24°59	27° 9	2°31	M22
T 23	0 27 20	4°53'54	10♉34	22°49	20°23	16°14	21° 4	22°14	8°43	13° 1	19° 9	23°32	24°56	27°16	2°29	T 23
W24	0 31 17	5°53'22	24°44	22°26	21°10	16°50	21°12	22°20	8°45	12°59	19° 8	23°D32	24°53	27°22	2°27	W24
T 25	0 35 13	6°52'52	8♊56	22°14	21°58	17°27	21°19	22°27	8°48	12°58	19° 8	23°32	24°50	27°29	2°25	T 25
F 26	0 39 10	7°52'25	23° 7	22°D12	22°46	18° 3	21°27	22°33	8°50	12°56	19° 8	23°33	24°47	27°36	2°23	F 26
S 27	0 43 7	8°52'00	7♋17	22°22	23°35	18°39	21°35	22°39	8°52	12°55	19°D 8	23°R34	24°44	27°42	2°21	S 27
S 28	0 47 3	9°51'37	21°23	22°43	24°26	19°15	21°44	22°45	8°55	12°53	19° 8	23°34	24°40	27°49	2°18	S 28
M29	0 51 0	10°51'17	5♌24	23°13	25°17	19°51	21°52	22°51	8°57	12°52	19° 8	23°31	24°37	27°56	2°16	M29
T 30	0 54 56	11♎50'59	19♌19	23♍53	26♌ 8	20♌26	22♐ 1	22♌57	8♌59	12♓51	19♑ 8	23♉27	24♉34	28♐ 2	2♓14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n37	25n32	4n20	6s 6	3s37	12n31	5s56	20n44	1n 7	23s 5	0n 1	16n 8	1n13	19n 3	0n37	7s41	1s18	26s16	4s 8	19n17	19n23	25s56	4s57	5n45
T 2	6 15	22 43	4 50	6 17	3 42	12 36	5 46	20 36	1 8	23 5	0 1	16 5	1 13	19 2	0 37	7 41	1 18	26 16	4 8	19 15	19 22	25 57	4 58	5 45
W 3	5 52	18 33	5 2	6 24	3 45	12 41	5 37	20 28	1 9	23 6	0 1	16 3	1 13	19 1	0 37	7 42	1 18	26 16	4 8	19 12	19 21	25 58	4 59	5 45
T 4	5 29	13 24	4 55	6 28	3 48	12 45	5 27	20 20	1 9	23 6	0 1	16 1	1 14	19 0	0 37	7 43	1 18	26 16	4 8	19 10	19 21	25 59	5 0	5 45
F 5	5 6	7 40	4 32	6 28	3 50	12 49	5 17	20 11	1 10	23 7	0 0	15 59	1 14	18 59	0 37	7 43	1 18	26 16	4 8	19 7	19 20	26 0	5 1	5 44
S 6	4 43	1 42	3 53	6 25	3 50	12 53	5 7	20 2	1 10	23 7	0 0	15 57	1 14	18 59	0 37	7 44	1 18	26 16	4 8	19 5	19 19	26 1	5 2	5 44
S 7	4 20	4s12	3 3	6 17	3 49	12 56	4 57	19 54	1 11	23 8	0 0	15 55	1 14	18 58	0 37	7 44	1 18	26 16	4 8	19 3	19 18	26 2	5 3	5 44
M 8	3 56	9 47	2 4	6 5	3 47	12 58	4 47	19 45	1 11	23 9	0 0	15 53	1 14	18 57	0 37	7 45	1 18	26 16	4 8	19 1	19 18	26 3	5 4	5 44
T 9	3 33	14 51	1 1	5 49	3 43	13 0	4 38	19 36	1 12	23 9	0s 0	15 50	1 14	18 56	0 37	7 46	1 18	26 16	4 8	19 1	19 17	26 4	5 5	5 44
W10	3 10	19 12	0s 3	5 28	3 38	13 1	4 28	19 27	1 12	23 10	0 0	15 48	1 14	18 56	0 37	7 46	1 18	26 16	4 8	19 1	19 16	26 5	5 6	5 44
T 11	2 46	22 43	1 7	5 3	3 31	13 2	4 18	19 17	1 13	23 10	0 0	15 46	1 14	18 55	0 37	7 47	1 18	26 17	4 8	19 1	19 15	26 6	5 7	5 44
F 12	2 23	25 13	2 7	4 33	3 21	13 2	4 8	19 8	1 13	23 11	0 0	15 44	1 15	18 54	0 37	7 48	1 18	26 17	4 8	19 1	19 15	26 7	5 9	5 43
S 13	1 59	26 35	3 1	3 59	3 10	13 1	3 59	18 59	1 14	23 11	0 1	15 42	1 15	18 54	0 37	7 48	1 18	26 17	4 8	19 1	19 14	26 8	5 10	5 43
S 14	1 36	26 45	3 48	3 21	2 57	13 0	3 49	18 49	1 15	23 12	0 1	15 40	1 15	18 53	0 37	7 49	1 18	26 17	4 8	19 0	19 13	26 9	5 11	5 43
M15	1 12	25 39	4 26	2 40	2 42	12 59	3 40	18 39	1 15	23 13	0 1	15 38	1 15	18 52	0 37	7 50	1 18	26 17	4 8	19 0	19 12	26 10	5 12	5 43
T 16	0 48	23 20	4 52	1 57	2 25	12 57	3 30	18 30	1 16	23 13	0 1	15 36	1 15	18 51	0 37	7 50	1 18	26 17	4 8	18 58	19 12	26 11	5 13	5 43
W17	0 25	19 53	5 5	1 13	2 7	12 54	3 21	18 20	1 16	23 14	0 1	15 34	1 15	18 51	0 37	7 51	1 18	26 17	4 8	18 56	19 11	26 12	5 14	5 43
T 18	0 1	15 25	5 3	0 28	1 48	12 51	3 12	18 10	1 17	23 14	0 1	15 32	1 15	18 50	0 38	7 51	1 18	26 17	4 8	18 54	19 10	26 13	5 15	5 42
F 19	0s23	10 9	4 45	0n16	1 28	12 47	3 3	18 0	1 17	23 15	0 1	15 30	1 16	18 49	0 38	7 52	1 18	26 17	4 8	18 51	19 9	26 14	5 16	5 42
S 20	0 46	4 18	4 11	0 59	1 8	12 43	2 54	17 50	1 18	23 16	0 1	15 28	1 16	18 49	0 38	7 53	1 18	26 17	4 8	18 49	19 8	26 15	5 17	5 42
S 21	1 10	1n53	3 22	1 38	0 47	12 38	2 45	17 40	1 18	23 16	0 1	15 26	1 16	18 48	0 38	7 53	1 18	26 17	4 8	18 47	19 8	26 16	5 18	5 42
M22	1 34	8 6	2 20	2 14	0 27	12 32	2 36	17 29	1 19	23 17	0 2	15 24	1 16	18 48	0 38	7 54	1 18	26 17	4 8	18 46	19 7	26 17	5 19	5 42
T 23	1 57	13 58	1 9	2 45	0 7	12 26	2 28	17 19	1 19	23 17	0 2	15 22	1 16	18 47	0 38	7 54	1 18	26 17	4 8	18 45	19 6	26 18	5 20	5 41
W24	2 21	19 9	0n 7	3 11	0n11	12 19	2 19	17 8	1 20	23 18	0 2	15 21	1 16	18 46	0 38	7 55	1 18	26 17	4 8	18 45	19 5	26 18	5 21	5 41
T 25	2 45	23 16	1 22	3 32	0 29	12 12	2 11	16 58	1 21	23 19	0 2	15 19	1 17	18 46	0 38	7 55	1 18	26 17	4 8	18 45	19 5	26 19	5 22	5 41
F 26	3 8	25 56	2 33	3 47	0 45	12 4	2 2	16 47	1 21	23 19	0 2	15 17	1 17	18 45	0 38	7 56	1 18	26 17	4 8	18 46	19 4	26 20	5 23	5 41
S 27	3 32	26 56	3 34	3 57	0 59	11 56	1 54	16 37	1 22	23 20	0 2	15 15	1 17	18 45	0 38	7 57	1 18	26 17	4 8	18 46	19 3	26 21	5 24	5 40
S 28	3 56	26 10	4 22	4 1	1 12	11 47	1 46	16 26	1 22	23 21	0 2	15 13	1 17	18 44	0 38	7 57	1 18	26 16	4 8	18 46	19 2	26 22	5 25	5 40
M29	4 19	23 46	4 54	3 59	1 24	11 38	1 38	16 15	1 23	23 21	0 2	15 11	1 17	18 43	0 38	7 58	1 18	26 16	4 8	18 45	19 1	26 23	5 26	5 40
T 30	4s43	19n59	5n 9	3n53	1n34	11n28	1s30	16n 4	1n23	23s22	0s 2	15n10	1n17	18n43	0n38	7s58	1s18	26s16	4s 7	18n44	19n 1	26s24	5s27	5n40

Julian Day Number = 2099334.5, Delta T = 21m40s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'55, Lahiri = 10°24'55 Julian Calendar 1 Sept. 1035 == Greg. Calendar 7 Sept. 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

OCTOBER 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 58 53	12♎50'43	3♍ 5	24♍41	27♌ 1	21♌ 2	22♐ 9	23♌ 2	9♌ 1	12°R49	19♑ 9	23°R21	24♉31	28♐ 9	2°R12	W 1
T 2	1 2 49	13°50'29	16°40	25°36	27°54	21°38	22°18	23° 8	9° 3	12♓48	19° 9	23♉14	24°28	28°16	2♓11	T 2
F 3	1 6 46	14°50'18	0♏ 2	26°39	28°47	22°14	22°27	23°14	9° 5	12°46	19° 9	23° 8	24°25	28°22	2° 9	F 3
S 4	1 10 42	15°50'08	13°10	27°47	29°42	22°49	22°36	23°19	9° 7	12°45	19° 9	23° 2	24°21	28°29	2° 7	S 4
S 5	1 14 39	16°50'01	26° 1	29° 1	0♍37	23°25	22°45	23°25	9° 9	12°44	19° 9	22°57	24°18	28°36	2° 5	S 5
M 6	1 18 36	17°49'56	8♏36	0♏19	1°32	24° 1	22°54	23°30	9°11	12°42	19° 9	22°54	24°15	28°42	2° 3	M 6
T 7	1 22 32	18°49'52	20°56	1°41	2°29	24°36	23° 4	23°36	9°13	12°41	19°10	22°D53	24°12	28°49	2° 2	T 7
W 8	1 26 29	19°49'50	3♐ 3	3° 7	3°25	25°11	23°13	23°41	9°15	12°40	19°10	22°54	24° 9	28°56	2° 0	W 8
T 9	1 30 25	20°49'51	15° 0	4°35	4°23	25°47	23°23	23°46	9°16	12°39	19°10	22°55	24° 5	29° 2	1°58	T 9
F 10	1 34 22	21°49'53	26°50	6° 5	5°21	26°22	23°32	23°52	9°18	12°38	19°11	22°57	24° 2	29° 9	1°57	F 10
S 11	1 38 18	22°49'56	8♑39	7°37	6°19	26°57	23°42	23°57	9°20	12°36	19°11	22°59	23°59	29°16	1°55	S 11
S 12	1 42 15	23°50'02	20°31	9°11	7°18	27°32	23°52	24° 2	9°21	12°35	19°12	22°R59	23°56	29°22	1°54	S 12
M13	1 46 11	24°50'09	2♒31	10°46	8°17	28° 8	24° 2	24° 7	9°23	12°34	19°12	22°59	23°53	29°29	1°52	M13
T 14	1 50 8	25°50'17	14°45	12°22	9°17	28°43	24°12	24°12	9°24	12°33	19°12	22°58	23°50	29°36	1°51	T 14
W15	1 54 5	26°50'27	27°16	13°58	10°17	29°18	24°23	24°16	9°26	12°32	19°13	22°55	23°46	29°42	1°50	W15
T 16	1 58 1	27°50'39	10♓ 8	15°35	11°18	29°52	24°33	24°21	9°27	12°31	19°14	22°52	23°43	29°49	1°49	T 16
F 17	2 1 58	28°50'52	23°23	17°12	12°19	0♍27	24°44	24°26	9°29	12°30	19°14	22°48	23°40	29°56	1°47	F 17
S 18	2 5 54	29°51'07	7♈ 2	18°50	13°20	1° 2	24°54	24°30	9°30	12°29	19°15	22°44	23°37	0♑ 2	1°46	S 18
S 19	2 9 51	0♏51'24	21° 2	20°28	14°22	1°37	25° 5	24°35	9°31	12°28	19°15	22°41	23°34	0° 9	1°45	S 19
M20	2 13 47	1°51'42	5♉20	22° 5	15°24	2°11	25°16	24°39	9°32	12°27	19°16	22°39	23°30	0°16	1°44	M20
T 21	2 17 44	2°52'03	19°51	23°43	16°27	2°46	25°27	24°44	9°33	12°26	19°17	22°D39	23°27	0°22	1°43	T 21
W22	2 21 40	3°52'25	4♊29	25°21	17°30	3°20	25°38	24°48	9°34	12°25	19°17	22°39	23°24	0°29	1°42	W22
T 23	2 25 37	4°52'49	19° 8	26°58	18°34	3°55	25°49	24°52	9°35	12°24	19°18	22°40	23°21	0°36	1°41	T 23
F 24	2 29 34	5°53'15	3♋41	28°35	19°37	4°29	26° 0	24°56	9°36	12°23	19°19	22°41	23°18	0°42	1°40	F 24
S 25	2 33 30	6°53'43	18° 4	0♏13	20°41	5° 3	26°11	25° 0	9°37	12°22	19°20	22°42	23°15	0°49	1°40	S 25
S 26	2 37 27	7°54'12	2♌15	1°49	21°46	5°37	26°23	25° 4	9°38	12°22	19°20	22°R43	23°11	0°56	1°39	S 26
M27	2 41 23	8°54'44	16°12	3°26	22°50	6°12	26°34	25° 8	9°39	12°21	19°21	22°43	23° 8	1° 2	1°38	M27
T 28	2 45 20	9°55'18	29°54	5° 3	23°55	6°46	26°46	25°11	9°40	12°20	19°22	22°42	23° 5	1° 9	1°38	T 28
W29	2 49 16	10°55'53	13♍20	6°39	25° 1	7°20	26°57	25°15	9°40	12°20	19°23	22°41	23° 2	1°16	1°37	W29
T 30	2 53 13	11°56'30	26°32	8°15	26° 6	7°53	27° 9	25°18	9°41	12°19	19°24	22°39	22°59	1°22	1°37	T 30
F 31	2 57 9	12♏57'09	9♏29	9♏51	27♍12	8♍27	27♐21	25♌22	9♌42	12♓18	19♑25	22♉38	22♉56	1♑29	1♓36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s 6	15n10	5n 5	3n41	1n42	11n17	1s22	15n53	1n24	23s22	0s 3	15n 8	1n18	18n42	0n38	7s59	1s18	26s16	4s 7	18n43	19n 0	26s24	5s28	5n39
T 2	5 29	9 39	4 44	3 25	1 49	11 6	1 15	15 42	1 24	23 23	0 3	15 6	1 18	18 42	0 38	7 59	1 18	26 16	4 7	18 41	18 59	26 25	5 29	5 39
F 3	5 53	3 46	4 8	3 6	1 55	10 54	1 7	15 31	1 25	23 24	0 3	15 4	1 18	18 41	0 38	8 0	1 18	26 16	4 7	18 39	18 58	26 26	5 29	5 39
S 4	6 16	2s10	3 19	2 42	1 59	10 42	1 0	15 20	1 25	23 24	0 3	15 3	1 18	18 41	0 38	8 0	1 18	26 16	4 7	18 38	18 58	26 27	5 30	5 39
S 5	6 39	7 54	2 21	2 16	2 2	10 29	0 53	15 8	1 26	23 25	0 3	15 1	1 18	18 40	0 38	8 1	1 18	26 16	4 7	18 36	18 57	26 28	5 31	5 38
M 6	7 2	13 14	1 17	1 46	2 4	10 16	0 46	14 57	1 27	23 26	0 3	14 59	1 18	18 40	0 38	8 1	1 18	26 16	4 7	18 36	18 56	26 29	5 32	5 38
T 7	7 25	17 55	0 11	1 14	2 5	10 3	0 39	14 46	1 27	23 26	0 3	14 58	1 19	18 39	0 38	8 2	1 18	26 16	4 7	18 35	18 55	26 29	5 33	5 38
W 8	7 48	21 47	0s55	0 40	2 5	9 48	0 32	14 34	1 28	23 27	0 3	14 56	1 19	18 39	0 38	8 2	1 18	26 16	4 7	18 36	18 54	26 30	5 34	5 37
T 9	8 10	24 40	1 58	0 5	2 5	9 34	0 25	14 23	1 28	23 27	0 3	14 55	1 19	18 39	0 38	8 3	1 18	26 16	4 7	18 36	18 54	26 31	5 35	5 37
F 10	8 33	26 27	2 55	0s33	2 3	9 19	0 19	14 11	1 29	23 28	0 3	14 53	1 19	18 38	0 38	8 3	1 18	26 16	4 7	18 36	18 53	26 32	5 35	5 37
S 11	8 55	27 1	3 45	1 11	2 1	9 3	0 12	13 59	1 29	23 28	0 4	14 51	1 19	18 38	0 38	8 3	1 18	26 16	4 7	18 37	18 52	26 32	5 36	5 37
S 12	9 18	26 21	4 25	1 51	1 58	8 47	0 6	13 48	1 30	23 29	0 4	14 50	1 20	18 37	0 38	8 4	1 18	26 15	4 7	18 37	18 51	26 33	5 37	5 36
M13	9 40	24 28	4 54	2 31	1 55	8 30	0 0	13 36	1 30	23 30	0 4	14 48	1 20	18 37	0 38	8 4	1 18	26 15	4 7	18 37	18 50	26 34	5 38	5 36
T 14	10 2	21 27	5 11	3 12	1 51	8 13	0n 6	13 24	1 31	23 30	0 4	14 47	1 20	18 37	0 38	8 5	1 17	26 15	4 7	18 37	18 50	26 35	5 39	5 36
W15	10 24	17 23	5 13	3 54	1 47	7 56	0 12	13 13	1 32	23 31	0 4	14 46	1 20	18 36	0 39	8 5	1 17	26 15	4 7	18 36	18 49	26 35	5 39	5 35
T 16	10 46	12 26	5 0	4 36	1 42	7 38	0 18	13 1	1 32	23 31	0 4	14 44	1 20	18 36	0 39	8 5	1 17	26 15	4 7	18 35	18 48	26 36	5 40	5 35
F 17	11 7	6 47	4 31	5 18	1 37	7 20	0 23	12 49	1 33	23 32	0 4	14 43	1 21	18 36	0 39	8 6	1 17	26 15	4 7	18 34	18 47	26 37	5 41	5 35
S 18	11 29	0 39	3 45	6 0	1 32	7 1	0 29	12 37	1 33	23 32	0 4	14 41	1 21	18 35	0 39	8 6	1 17	26 15	4 7	18 33	18 47	26 38	5 42	5 34
S 19	11 50	5n41	2 46	6 42	1 26	6 42	0 34	12 25	1 34	23 33	0 4	14 40	1 21	18 35	0 39	8 7	1 17	26 15	4 7	18 32	18 46	26 38	5 42	5 34
M20	12 11	11 53	1 34	7 24	1 20	6 23	0 39	12 13	1 34	23 33	0 4	14 39	1 21	18 35	0 39	8 7	1 17	26 15	4 7	18 32	18 45	26 39	5 43	5 34
T 21	12 32	17 33	0 15	8 6	1 14	6 3	0 44	12 1	1 35	23 34	0 5	14 38	1 21	18 35	0 39	8 7	1 17	26 14	4 7	18 32	18 44	26 40	5 44	5 33
W22	12 53	22 13	1n 5	8 48	1 8	5 43	0 49	11 49	1 36	23 34	0 5	14 36	1 22	18 34	0 39	8 8	1 17	26 14	4 7	18 32	18 43	26 40	5 44	5 33
T 23	13 13	25 28	2 21	9 29	1 2	5 23	0 54	11 37	1 36	23 35	0 5	14 35	1 22	18 34	0 39	8 8	1 17	26 14	4 7	18 32	18 43	26 41	5 45	5 33
F 24	13 33	26 59	3 28	10 10	0 56	5 2	0 59	11 25	1 37	23 35	0 5	14 34	1 22	18 34	0 39	8 8	1 17	26 14	4 7	18 32	18 42	26 42	5 45	5 33
S 25	13 53	26 39	4 21	10 50	0 49	4 41	1 3	11 13	1 37	23 36	0 5	14 33	1 22	18 34	0 39	8 8	1 17	26 14	4 7	18 33	18 41	26 42	5 46	5 32
S 26	14 13	24 34	4 57	11 30	0 42	4 19	1 8	11 1	1 38	23 36	0 5	14 32	1 22	18 33	0 39	8 9	1 17	26 14	4 7	18 33	18 40	26 43	5 47	5 32
M27	14 33	21 3	5 14	12 10	0 36	3 57	1 12	10 49	1 38	23 36	0 5	14 31	1 23	18 33	0 39	8 9	1 17	26 14	4 7	18 33	18 39	26 44	5 47	5 32
T 28	14 52	16 28	5 14	12 49	0 29	3 35	1 16	10 36	1 39	23 37	0 5	14 30	1 23	18 33	0 39	8 9	1 17	26 13	4 6	18 33	18 39	26 44	5 48	5 31
W29	15 11	11 8	4 56	13 27	0 22	3 13	1 20	10 24	1 40	23 37	0 5	14 29	1 23	18 33	0 39	8 9	1 17	26 13	4 6	18 32	18 38	26 45	5 48	5 31
T 30	15 30	5 24	4 23	14 5	0 16	2 50	1 24	10 12	1 40	23 38	0 5	14 28	1 23	18 33	0 39	8 10	1 17	26 13	4 6	18 32	18 37	26 46	5 49	5 30
F 31	15s49	0s27	3n37	14s42	0n 9	2n27	1n27	10n 0	1n41	23s38	0s 6	14n27	1n24	18n33	0n39	8s10	1s17	26s13	4s 6	18n32	18n36	26s46	5s49	5n30

Julian Day Number = 2099364.5, Delta T = 21m40s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°17'59, Lahiri = 10°25'00 Julian Calendar 1 Oct. 1035 == Greg. Calendar 7 Oct. 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

NOVEMBER 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 1 6	13♏57'50	22♎13	11♏26	28♍18	9♍ 1	27♐33	25♌25	9♌42	12°R18	19♑26	22°R37	22♉52	1♑36	1°R36	S 1
S 2	3 5 3	14°58'32	4♏45	13° 1	29°25	9°35	27°45	25°28	9°43	12♓17	19°27	22♉36	22°49	1°42	1♓36	S 2
M 3	3 8 59	15°59'16	17° 5	14°37	0♎31	10° 8	27°57	25°31	9°43	12°17	19°28	22°D36	22°46	1°49	1°35	M 3
T 4	3 12 56	17° 0'01	29°14	16°12	1°38	10°42	28° 9	25°34	9°43	12°16	19°29	22°36	22°43	1°56	1°35	T 4
W 5	3 16 52	18° 0'47	11♐15	17°46	2°45	11°15	28°21	25°37	9°44	12°16	19°30	22°36	22°40	2° 2	1°35	W 5
T 6	3 20 49	19° 1'35	23° 8	19°21	3°53	11°48	28°33	25°40	9°44	12°15	19°31	22°36	22°36	2° 9	1°35	T 6
F 7	3 24 45	20° 2'24	4♑58	20°55	5° 0	12°21	28°45	25°43	9°44	12°15	19°32	22°37	22°33	2°16	1°D35	F 7
S 8	3 28 42	21° 3'14	16°46	22°30	6° 8	12°54	28°58	25°45	9°44	12°14	19°33	22°37	22°30	2°23	1°35	S 8
S 9	3 32 38	22° 4'05	28°38	24° 4	7°16	13°27	29°10	25°48	9°44	12°14	19°34	22°37	22°27	2°29	1°35	S 9
M10	3 36 35	23° 4'57	10♒36	25°38	8°24	14° 0	29°23	25°50	9°R44	12°14	19°36	22°R37	22°24	2°36	1°35	M10
T 11	3 40 32	24° 5'50	22°46	27°12	9°33	14°33	29°36	25°53	9°44	12°13	19°37	22°D37	22°21	2°43	1°35	T 11
W12	3 44 28	25° 6'44	5♓13	28°46	10°41	15° 6	29°48	25°55	9°44	12°13	19°38	22°37	22°17	2°49	1°35	W12
T 13	3 48 25	26° 7'39	17°59	0♐20	11°50	15°38	0♑ 1	25°57	9°44	12°13	19°39	22°37	22°14	2°56	1°36	T 13
F 14	3 52 21	27° 8'34	1♈10	1°54	12°59	16°11	0°14	25°59	9°44	12°13	19°41	22°38	22°11	3° 3	1°36	F 14
S 15	3 56 18	28° 9'31	14°47	3°28	14° 8	16°43	0°27	26° 1	9°44	12°13	19°42	22°38	22° 8	3° 9	1°37	S 15
S 16	4 0 14	29°10'28	28°51	5° 2	15°17	17°15	0°39	26° 3	9°43	12°13	19°43	22°39	22° 5	3°16	1°37	S 16
M17	4 4 11	0♐11'26	13♉19	6°36	16°27	17°47	0°52	26° 4	9°43	12°13	19°45	22°39	22° 2	3°23	1°38	M17
T 18	4 8 7	1°12'25	28° 7	8°10	17°36	18°19	1° 5	26° 6	9°42	12°D13	19°46	22°R39	21°58	3°29	1°38	T 18
W19	4 12 4	2°13'25	13♊ 8	9°44	18°46	18°51	1°19	26° 7	9°42	12°13	19°47	22°39	21°55	3°36	1°39	W19
T 20	4 16 1	3°14'26	28°13	11°17	19°56	19°23	1°32	26° 8	9°41	12°13	19°49	22°38	21°52	3°43	1°40	T 20
F 21	4 19 57	4°15'28	13♋12	12°51	21° 6	19°55	1°45	26°10	9°41	12°13	19°50	22°37	21°49	3°49	1°40	F 21
S 22	4 23 54	5°16'31	27°59	14°25	22°16	20°26	1°58	26°11	9°40	12°13	19°52	22°35	21°46	3°56	1°41	S 22
S 23	4 27 50	6°17'35	12♌27	15°59	23°26	20°58	2°11	26°12	9°39	12°13	19°53	22°34	21°42	4° 3	1°42	S 23
M24	4 31 47	7°18'40	26°32	17°33	24°37	21°29	2°25	26°13	9°39	12°13	19°55	22°33	21°39	4° 9	1°43	M24
T 25	4 35 43	8°19'46	10♍14	19° 7	25°48	22° 0	2°38	26°14	9°38	12°13	19°56	22°D32	21°36	4°16	1°44	T 25
W26	4 39 40	9°20'53	23°33	20°41	26°58	22°31	2°51	26°14	9°37	12°14	19°58	22°33	21°33	4°23	1°45	W26
T 27	4 43 37	10°22'01	6♎31	22°15	28° 9	23° 2	3° 5	26°15	9°36	12°14	19°59	22°34	21°30	4°29	1°46	T 27
F 28	4 47 33	11°23'09	19°12	23°49	29°20	23°33	3°18	26°15	9°35	12°14	20° 1	22°36	21°27	4°36	1°47	F 28
S 29	4 51 30	12°24'19	1♏38	25°22	0♏31	24° 3	3°32	26°16	9°34	12°15	20° 2	22°37	21°23	4°43	1°49	S 29
S 30	4 55 26	13♐25'29	13♏53	26♐56	1♏42	24♍34	3♑46	26♌16	9♌33	12♓15	20♑ 4	22♉38	21♉20	4♑49	1♓50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s 7	6s13	2n41	15s18	0n 2	2n 4	1n31	9n48	1n41	23s38	0s 6	14n26	1n24	18n33	0n39	8s10	1s17	26s13	4s 6	18n31	18n35	26s47	5s50	5n30
S 2	16 25	11 39	1 37	15 54	0s 4	1 41	1 34	9 35	1 42	23 38	0 6	14 25	1 24	18 33	0 39	8 10	1 17	26 13	4 6	18 31	18 34	26 47	5 50	5 29
M 3	16 43	16 32	0 31	16 29	0 11	1 17	1 38	9 23	1 42	23 39	0 6	14 24	1 24	18 32	0 39	8 10	1 17	26 12	4 6	18 31	18 34	26 48	5 50	5 29
T 4	17 0	20 41	0s37	17 3	0 18	0 53	1 41	9 11	1 43	23 39	0 6	14 23	1 24	18 32	0 39	8 11	1 17	26 12	4 6	18 31	18 33	26 49	5 51	5 29
W 5	17 17	23 55	1 42	17 36	0 24	0 29	1 44	8 59	1 44	23 39	0 6	14 22	1 25	18 32	0 39	8 11	1 17	26 12	4 6	18 31	18 32	26 49	5 51	5 28
T 6	17 34	26 5	2 42	18 9	0 31	0 5	1 47	8 47	1 44	23 40	0 6	14 22	1 25	18 32	0 39	8 11	1 17	26 12	4 6	18 31	18 31	26 50	5 51	5 28
F 7	17 51	27 2	3 34	18 41	0 37	0s19	1 50	8 34	1 45	23 40	0 6	14 21	1 25	18 32	0 39	8 11	1 17	26 12	4 6	18 31	18 30	26 50	5 52	5 28
S 8	18 7	26 46	4 18	19 11	0 43	0 44	1 52	8 22	1 45	23 40	0 6	14 20	1 25	18 32	0 40	8 11	1 17	26 11	4 6	18 31	18 30	26 51	5 52	5 27
S 9	18 23	25 17	4 50	19 41	0 49	1 9	1 55	8 10	1 46	23 40	0 6	14 20	1 26	18 32	0 40	8 11	1 17	26 11	4 6	18 31	18 29	26 51	5 52	5 27
M10	18 38	22 39	5 11	20 10	0 55	1 33	1 57	7 58	1 47	23 40	0 6	14 19	1 26	18 32	0 40	8 11	1 17	26 11	4 6	18 31	18 28	26 52	5 53	5 27
T 11	18 54	18 59	5 18	20 38	1 1	1 58	1 59	7 46	1 47	23 40	0 7	14 19	1 26	18 32	0 40	8 11	1 17	26 11	4 6	18 31	18 27	26 52	5 53	5 26
W12	19 9	14 27	5 10	21 5	1 7	2 23	2 1	7 34	1 48	23 41	0 7	14 18	1 26	18 33	0 40	8 11	1 17	26 11	4 6	18 31	18 26	26 53	5 53	5 26
T 13	19 23	9 10	4 47	21 31	1 13	2 49	2 3	7 21	1 48	23 41	0 7	14 18	1 27	18 33	0 40	8 12	1 17	26 10	4 6	18 31	18 26	26 54	5 53	5 26
F 14	19 37	3 20	4 9	21 56	1 18	3 14	2 5	7 9	1 49	23 41	0 7	14 17	1 27	18 33	0 40	8 12	1 17	26 10	4 6	18 32	18 25	26 54	5 54	5 25
S 15	19 51	2n51	3 15	22 19	1 23	3 39	2 7	6 57	1 50	23 41	0 7	14 17	1 27	18 33	0 40	8 12	1 17	26 10	4 6	18 32	18 24	26 55	5 54	5 25
S 16	20 5	9 7	2 8	22 42	1 29	4 4	2 9	6 45	1 50	23 41	0 7	14 16	1 27	18 33	0 40	8 12	1 16	26 10	4 6	18 32	18 23	26 55	5 54	5 25
M17	20 18	15 6	0 52	23 4	1 34	4 30	2 10	6 33	1 51	23 41	0 7	14 16	1 27	18 33	0 40	8 12	1 16	26 10	4 6	18 32	18 22	26 56	5 54	5 24
T 18	20 31	20 20	0n30	23 24	1 38	4 55	2 11	6 21	1 51	23 41	0 7	14 16	1 28	18 33	0 40	8 12	1 16	26 9	4 6	18 32	18 21	26 56	5 54	5 24
W19	20 43	24 20	1 51	23 43	1 43	5 21	2 13	6 9	1 52	23 41	0 7	14 15	1 28	18 33	0 40	8 12	1 16	26 9	4 6	18 32	18 21	26 57	5 54	5 24
T 20	20 55	26 38	3 5	24 1	1 47	5 46	2 14	5 57	1 53	23 41	0 7	14 15	1 28	18 34	0 40	8 11	1 16	26 9	4 6	18 32	18 20	26 57	5 54	5 23
F 21	21 6	26 58	4 5	24 18	1 51	6 12	2 15	5 45	1 53	23 41	0 7	14 15	1 28	18 34	0 40	8 11	1 16	26 9	4 6	18 31	18 19	26 57	5 54	5 23
S 22	21 18	25 22	4 48	24 33	1 55	6 37	2 16	5 33	1 54	23 41	0 8	14 15	1 29	18 34	0 40	8 11	1 16	26 9	4 6	18 31	18 18	26 58	5 54	5 23
S 23	21 28	22 8	5 12	24 47	1 58	7 2	2 16	5 21	1 55	23 41	0 8	14 15	1 29	18 34	0 40	8 11	1 16	26 8	4 6	18 30	18 17	26 58	5 54	5 22
M24	21 39	17 41	5 16	25 0	2 1	7 28	2 17	5 9	1 55	23 40	0 8	14 15	1 29	18 34	0 40	8 11	1 16	26 8	4 6	18 30	18 16	26 59	5 54	5 22
T 25	21 49	12 25	5 2	25 11	2 4	7 53	2 18	4 58	1 56	23 40	0 8	14 15	1 29	18 35	0 40	8 11	1 16	26 8	4 6	18 30	18 16	26 59	5 54	5 22
W26	21 58	6 44	4 32	25 21	2 7	8 18	2 18	4 46	1 56	23 40	0 8	14 15	1 30	18 35	0 40	8 11	1 16	26 8	4 6	18 30	18 15	27 0	5 54	5 21
T 27	22 7	0 53	3 48	25 29	2 9	8 43	2 18	4 34	1 57	23 40	0 8	14 15	1 30	18 35	0 40	8 11	1 16	26 7	4 6	18 31	18 14	27 0	5 54	5 21
F 28	22 16	4s52	2 54	25 36	2 11	9 8	2 19	4 23	1 58	23 40	0 8	14 15	1 30	18 36	0 40	8 11	1 16	26 7	4 6	18 31	18 13	27 0	5 54	5 21
S 29	22 24	10 20	1 53	25 41	2 12	9 33	2 19	4 11	1 58	23 39	0 8	14 15	1 30	18 36	0 40	8 10	1 16	26 7	4 6	18 31	18 12	27 1	5 54	5 20
S 30	22s32	15s19	0n48	25s45	2s13	9s58	2n19	3n59	1n59	23s39	0s 8	14n15	1n31	18n36	0n40	8s10	1s16	26s 7	4s 6	18n32	18n11	27s 1	5s54	5n20

Julian Day Number = 2099395.5, Delta T = 21m40s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'03, Lahiri = 10°25'04 Julian Calendar 1 Nov. 1035 == Greg. Calendar 7 Nov. 1035

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ASTRODIENST EPHEMERIS for the year 1035
geocentric

DECEMBER 1035 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 59 23	14♐26'40	25♏58	28♐29	2♏54	25♍ 4	3♑59	26♌16	9°R32	12♓15	20♑ 5	22°R38	21♉17	4♑56	1♓51	M 1
T 2	5 3 19	15°27'52	7♐57	0♑ 1	4° 5	25°35	4°13	26°R16	9♌31	12°16	20° 7	22♉37	21°14	5° 3	1°53	T 2
W 3	5 7 16	16°29'04	19°50	1°33	5°17	26° 5	4°27	26°16	9°30	12°16	20° 9	22°35	21°11	5°10	1°54	W 3
T 4	5 11 12	17°30'16	1♑41	3° 5	6°28	26°34	4°40	26°16	9°28	12°17	20°10	22°32	21° 8	5°16	1°55	T 4
F 5	5 15 9	18°31'29	13°30	4°36	7°40	27° 4	4°54	26°15	9°27	12°17	20°12	22°27	21° 4	5°23	1°57	F 5
S 6	5 19 6	19°32'41	25°20	6° 6	8°52	27°34	5° 8	26°15	9°26	12°18	20°14	22°22	21° 1	5°30	1°59	S 6
S 7	5 23 2	20°33'54	7♒14	7°34	10° 4	28° 3	5°22	26°14	9°24	12°19	20°15	22°17	20°58	5°36	2° 0	S 7
M 8	5 26 59	21°35'07	19°13	9° 2	11°16	28°32	5°35	26°14	9°23	12°19	20°17	22°13	20°55	5°43	2° 2	M 8
T 9	5 30 55	22°36'20	1♓23	10°27	12°28	29° 2	5°49	26°13	9°21	12°20	20°19	22° 9	20°52	5°50	2° 4	T 9
W10	5 34 52	23°37'33	13°45	11°51	13°40	29°30	6° 3	26°12	9°20	12°21	20°21	22° 7	20°48	5°56	2° 6	W10
T 11	5 38 48	24°38'45	26°25	13°12	14°52	29°59	6°17	26°11	9°18	12°22	20°22	22°D 7	20°45	6° 3	2° 7	T 11
F 12	5 42 45	25°39'58	9♈26	14°31	16° 4	0♎28	6°31	26°10	9°16	12°22	20°24	22° 8	20°42	6°10	2° 9	F 12
S 13	5 46 41	26°41'10	22°53	15°45	17°17	0°56	6°45	26° 9	9°15	12°23	20°26	22° 9	20°39	6°16	2°11	S 13
S 14	5 50 38	27°42'22	6♉46	16°56	18°29	1°24	6°59	26° 7	9°13	12°24	20°28	22°11	20°36	6°23	2°13	S 14
M15	5 54 35	28°43'33	21° 8	18° 3	19°42	1°52	7°13	26° 6	9°11	12°25	20°29	22°R11	20°33	6°30	2°15	M15
T 16	5 58 31	29°44'44	5♊55	19° 4	20°54	2°20	7°27	26° 4	9° 9	12°26	20°31	22°11	20°29	6°36	2°17	T 16
W17	6 2 28	0♑45'56	21° 1	19°59	22° 7	2°48	7°41	26° 3	9° 8	12°27	20°33	22° 8	20°26	6°43	2°19	W17
T 18	6 6 24	1°47'07	6♋19	20°47	23°19	3°15	7°55	26° 1	9° 6	12°28	20°35	22° 4	20°23	6°50	2°22	T 18
F 19	6 10 21	2°48'17	21°37	21°27	24°32	3°42	8° 9	25°59	9° 4	12°29	20°37	21°58	20°20	6°57	2°24	F 19
S 20	6 14 17	3°49'28	6♌44	21°58	25°45	4° 9	8°23	25°57	9° 2	12°30	20°39	21°51	20°17	7° 3	2°26	S 20
S 21	6 18 14	4°50'38	21°31	22°19	26°58	4°36	8°37	25°55	9° 0	12°31	20°40	21°45	20°14	7°10	2°29	S 21
M22	6 22 11	5°51'48	5♍52	22°R30	28°11	5° 3	8°51	25°53	8°58	12°32	20°42	21°39	20°10	7°17	2°31	M22
T 23	6 26 7	6°52'59	19°45	22°30	29°24	5°29	9° 5	25°51	8°56	12°33	20°44	21°36	20° 7	7°23	2°33	T 23
W24	6 30 4	7°54'08	3♎ 8	22°19	0♐37	5°55	9°19	25°48	8°54	12°34	20°46	21°D34	20° 4	7°30	2°36	W24
T 25	6 34 0	8°55'18	16° 5	21°55	1°50	6°21	9°33	25°46	8°52	12°36	20°48	21°35	20° 1	7°37	2°38	T 25
F 26	6 37 57	9°56'28	28°40	21°20	3° 3	6°47	9°47	25°43	8°49	12°37	20°50	21°36	19°58	7°43	2°41	F 26
S 27	6 41 53	10°57'37	10♏58	20°34	4°16	7°12	10° 2	25°41	8°47	12°38	20°52	21°37	19°54	7°50	2°43	S 27
S 28	6 45 50	11°58'47	23° 3	19°38	5°29	7°37	10°16	25°38	8°45	12°40	20°54	21°R38	19°51	7°57	2°46	S 28
M29	6 49 46	12°59'55	4♐59	18°34	6°42	8° 2	10°30	25°35	8°43	12°41	20°55	21°36	19°48	8° 3	2°49	M29
T 30	6 53 43	14° 1'04	16°50	17°23	7°56	8°27	10°44	25°32	8°40	12°42	20°57	21°33	19°45	8°10	2°51	T 30
W31	6 57 40	15♑ 2'12	28♐39	16♑ 7	9♐ 9	8♎51	10♑58	25♌29	8♌38	12♓44	20♑59	21♉27	19♉42	8♑17	2♓54	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s39	19s39	0s18	25s47	2s13	10s22	2n19	3n48	2n 0	23s39	0s 8	14n15	1n31	18n37	0n40	8s10	1s16	26s 6	4s 6	18n32	18n11	27s 2	5s54	5n20
T 2	22 46	23 7	1 23	25 47	2 13	10 47	2 18	3 36	2 0	23 38	0 9	14 15	1 31	18 37	0 40	8 10	1 16	26 6	4 6	18 31	18 10	27 2	5 54	5 19
W 3	22 53	25 34	2 24	25 46	2 13	11 11	2 18	3 25	2 1	23 38	0 9	14 16	1 31	18 37	0 41	8 10	1 16	26 6	4 6	18 31	18 9	27 2	5 53	5 19
T 4	22 59	26 52	3 18	25 44	2 12	11 35	2 17	3 14	2 2	23 38	0 9	14 16	1 32	18 38	0 41	8 9	1 16	26 6	4 6	18 30	18 8	27 3	5 53	5 19
F 5	23 4	26 55	4 4	25 39	2 10	11 59	2 17	3 2	2 2	23 37	0 9	14 16	1 32	18 38	0 41	8 9	1 16	26 6	4 6	18 29	18 7	27 3	5 53	5 18
S 6	23 9	25 45	4 39	25 33	2 8	12 23	2 16	2 51	2 3	23 37	0 9	14 17	1 32	18 38	0 41	8 9	1 16	26 5	4 6	18 28	18 6	27 3	5 53	5 18
S 7	23 14	23 25	5 2	25 26	2 5	12 46	2 16	2 40	2 4	23 36	0 9	14 17	1 32	18 39	0 41	8 9	1 16	26 5	4 6	18 26	18 6	27 4	5 52	5 18
M 8	23 18	20 4	5 12	25 17	2 1	13 9	2 15	2 29	2 4	23 36	0 9	14 17	1 33	18 39	0 41	8 8	1 16	26 5	4 6	18 25	18 5	27 4	5 52	5 17
T 9	23 21	15 50	5 9	25 6	1 57	13 32	2 14	2 18	2 5	23 35	0 9	14 18	1 33	18 40	0 41	8 8	1 16	26 5	4 6	18 24	18 4	27 4	5 52	5 17
W10	23 25	10 53	4 51	24 53	1 52	13 55	2 13	2 7	2 6	23 35	0 9	14 18	1 33	18 40	0 41	8 8	1 16	26 4	4 6	18 24	18 3	27 5	5 51	5 17
T 11	23 27	5 23	4 19	24 40	1 46	14 17	2 12	1 56	2 6	23 34	0 9	14 19	1 33	18 41	0 41	8 7	1 16	26 4	4 6	18 24	18 2	27 5	5 51	5 16
F 12	23 30	0n30	3 32	24 25	1 39	14 39	2 11	1 45	2 7	23 34	0 9	14 20	1 33	18 41	0 41	8 7	1 16	26 4	4 6	18 24	18 1	27 5	5 51	5 16
S 13	23 31	6 34	2 33	24 8	1 31	15 1	2 9	1 35	2 8	23 33	0 10	14 20	1 34	18 42	0 41	8 7	1 16	26 4	4 6	18 24	18 1	27 6	5 50	5 16
S 14	23 33	12 32	1 23	23 51	1 22	15 22	2 8	1 24	2 8	23 32	0 10	14 21	1 34	18 42	0 41	8 6	1 16	26 3	4 6	18 25	18 0	27 6	5 50	5 15
M15	23 34	18 3	0 6	23 32	1 12	15 43	2 6	1 13	2 9	23 32	0 10	14 22	1 34	18 43	0 41	8 6	1 15	26 3	4 6	18 25	17 59	27 6	5 49	5 15
T 16	23 34	22 37	1n14	23 13	1 1	16 4	2 5	1 3	2 10	23 31	0 10	14 22	1 34	18 43	0 41	8 6	1 15	26 3	4 6	18 25	17 58	27 7	5 49	5 15
W17	23 34	25 46	2 30	22 53	0 49	16 24	2 3	0 52	2 10	23 30	0 10	14 23	1 35	18 44	0 41	8 5	1 15	26 3	4 6	18 24	17 57	27 7	5 48	5 15
T 18	23 33	27 1	3 37	22 32	0 36	16 44	2 2	0 42	2 11	23 30	0 10	14 24	1 35	18 44	0 41	8 5	1 15	26 2	4 7	18 23	17 56	27 7	5 48	5 14
F 19	23 32	26 13	4 27	22 12	0 21	17 4	2 0	0 32	2 12	23 29	0 10	14 25	1 35	18 45	0 41	8 4	1 15	26 2	4 7	18 21	17 55	27 7	5 47	5 14
S 20	23 31	23 30	4 59	21 52	0 6	17 23	1 58	0 22	2 12	23 28	0 10	14 26	1 35	18 45	0 41	8 4	1 15	26 2	4 7	18 19	17 55	27 8	5 47	5 14
S 21	23 29	19 17	5 9	21 32	0n11	17 42	1 56	0 12	2 13	23 27	0 10	14 27	1 36	18 46	0 41	8 3	1 15	26 2	4 7	18 18	17 54	27 8	5 46	5 13
M22	23 26	14 3	5 0	21 13	0 28	18 0	1 54	0 2	2 14	23 27	0 10	14 28	1 36	18 46	0 41	8 3	1 15	26 1	4 7	18 16	17 53	27 8	5 46	5 13
T 23	23 23	8 16	4 33	20 55	0 46	18 18	1 52	0s 8	2 14	23 26	0 11	14 29	1 36	18 47	0 41	8 2	1 15	26 1	4 7	18 16	17 52	27 8	5 45	5 13
W24	23 20	2 17	3 52	20 38	1 5	18 36	1 50	0 18	2 15	23 25	0 11	14 30	1 36	18 47	0 41	8 2	1 15	26 1	4 7	18 15	17 51	27 8	5 44	5 13
T 25	23 16	3s36	3 0	20 23	1 24	18 52	1 48	0 27	2 16	23 24	0 11	14 31	1 36	18 48	0 41	8 1	1 15	26 1	4 7	18 15	17 50	27 9	5 44	5 12
F 26	23 11	9 11	2 1	20 10	1 43	19 9	1 46	0 37	2 17	23 23	0 11	14 32	1 37	18 49	0 41	8 1	1 15	26 0	4 7	18 15	17 49	27 9	5 43	5 12
S 27	23 7	14 17	0 57	19 59	2 2	19 25	1 43	0 46	2 17	23 22	0 11	14 33	1 37	18 49	0 41	8 0	1 15	26 0	4 7	18 16	17 49	27 9	5 43	5 12
S 28	23 1	18 45	0s 8	19 49	2 19	19 40	1 41	0 56	2 18	23 21	0 11	14 34	1 37	18 50	0 41	8 0	1 15	26 0	4 7	18 16	17 48	27 9	5 42	5 11
M29	22 56	22 25	1 11	19 42	2 36	19 55	1 39	1 5	2 19	23 20	0 11	14 35	1 37	18 51	0 41	7 59	1 15	26 0	4 7	18 16	17 47	27 9	5 41	5 11
T 30	22 49	25 5	2 11	19 36	2 51	20 10	1 36	1 14	2 19	23 19	0 11	14 36	1 38	18 51	0 41	7 59	1 15	25 59	4 7	18 15	17 46	27 9	5 40	5 11
W31	22s43	26s39	3s 5	19s33	3n 4	20s24	1n34	1s23	2n20	23s18	0s11	14n38	1n38	18n52	0n41	7s58	1s15	25s59	4s 7	18n13	17n45	27s10	5s40	5n11

Julian Day Number = 2099425.5, Delta T = 21m39s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'07, Lahiri = 10°25'08 Julian Calendar 1 Dec. 1035 == Greg. Calendar 7 Dec. 1035

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

JANUARY 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 1 36	16♑ 3'19	10♑28	14°R50	10♐22	9♎15	11♑12	25°R26	8°R36	12♓45	21♑ 1	21°R18	19♉39	8♑23	2♓57	T 1
F 2	7 5 33	17° 4'25	22°20	13♑33	11°36	9°39	11°26	25♌23	8♌33	12°46	21° 3	21♉ 8	19°35	8°30	3° 0	F 2
S 3	7 9 29	18° 5'31	4♒15	12°18	12°49	10° 2	11°40	25°20	8°31	12°48	21° 5	20°56	19°32	8°37	3° 3	S 3
S 4	7 13 26	19° 6'36	16°15	11° 8	14° 3	10°26	11°54	25°16	8°29	12°49	21° 7	20°45	19°29	8°44	3° 5	S 4
M 5	7 17 22	20° 7'39	28°21	10° 5	15°16	10°49	12° 8	25°13	8°26	12°51	21° 9	20°34	19°26	8°50	3° 8	M 5
T 6	7 21 19	21° 8'42	10♓36	9° 9	16°30	11°11	12°22	25° 9	8°24	12°53	21°11	20°24	19°23	8°57	3°11	T 6
W 7	7 25 15	22° 9'44	23° 2	8°21	17°43	11°33	12°36	25° 6	8°21	12°54	21°13	20°18	19°20	9° 4	3°14	W 7
T 8	7 29 12	23°10'44	5♈41	7°41	18°57	11°55	12°50	25° 2	8°19	12°56	21°15	20°14	19°16	9°10	3°17	T 8
F 9	7 33 9	24°11'43	18°37	7°11	20°10	12°17	13° 4	24°58	8°16	12°57	21°16	20°D12	19°13	9°17	3°20	F 9
S 10	7 37 5	25°12'41	1♉54	6°50	21°24	12°38	13°18	24°55	8°14	12°59	21°18	20°12	19°10	9°24	3°23	S 10
S 11	7 41 2	26°13'37	15°34	6°37	22°37	12°59	13°32	24°51	8°11	13° 1	21°20	20°R13	19° 7	9°30	3°27	S 11
M12	7 44 58	27°14'32	29°40	6°D32	23°51	13°20	13°46	24°47	8° 9	13° 2	21°22	20°13	19° 4	9°37	3°30	M12
T 13	7 48 55	28°15'26	14♊12	6°35	25° 5	13°40	14° 0	24°43	8° 6	13° 4	21°24	20°10	19° 0	9°44	3°33	T 13
W14	7 52 51	29°16'18	29° 6	6°46	26°18	14° 0	14°14	24°39	8° 3	13° 6	21°26	20° 6	18°57	9°50	3°36	W14
T 15	7 56 48	0♒17'09	14♋15	7° 3	27°32	14°20	14°28	24°35	8° 1	13° 8	21°28	19°58	18°54	9°57	3°39	T 15
F 16	8 0 44	1°17'59	29°32	7°26	28°46	14°39	14°41	24°30	7°58	13° 9	21°30	19°48	18°51	10° 4	3°43	F 16
S 17	8 4 41	2°18'48	14♌43	7°55	29°59	14°58	14°55	24°26	7°56	13°11	21°32	19°37	18°48	10°11	3°46	S 17
S 18	8 8 38	3°19'35	29°40	8°29	1♑13	15°16	15° 9	24°22	7°53	13°13	21°34	19°27	18°45	10°17	3°49	S 18
M19	8 12 34	4°20'21	14♍12	9° 7	2°27	15°34	15°23	24°18	7°50	13°15	21°35	19°17	18°41	10°24	3°52	M19
T 20	8 16 31	5°21'05	28°15	9°51	3°41	15°52	15°37	24°13	7°48	13°17	21°37	19°10	18°38	10°31	3°56	T 20
W21	8 20 27	6°21'49	11♎48	10°38	4°55	16° 9	15°50	24° 9	7°45	13°19	21°39	19° 5	18°35	10°37	3°59	W21
T 22	8 24 24	7°22'31	24°52	11°28	6° 9	16°25	16° 4	24° 4	7°43	13°21	21°41	19° 3	18°32	10°44	4° 3	T 22
F 23	8 28 20	8°23'13	7♏30	12°23	7°22	16°42	16°17	24° 0	7°40	13°22	21°43	19°D 2	18°29	10°51	4° 6	F 23
S 24	8 32 17	9°23'53	19°48	13°20	8°36	16°58	16°31	23°55	7°37	13°24	21°45	19°R 2	18°26	10°57	4°10	S 24
S 25	8 36 13	10°24'32	1♐52	14°20	9°50	17°13	16°45	23°51	7°35	13°26	21°47	19° 2	18°22	11° 4	4°13	S 25
M26	8 40 10	11°25'10	13°45	15°23	11° 4	17°28	16°58	23°46	7°32	13°28	21°48	19° 0	18°19	11°11	4°16	M26
T 27	8 44 7	12°25'46	25°34	16°28	12°18	17°42	17°11	23°41	7°29	13°30	21°50	18°55	18°16	11°17	4°20	T 27
W28	8 48 3	13°26'22	7♑22	17°35	13°32	17°56	17°25	23°37	7°27	13°32	21°52	18°47	18°13	11°24	4°23	W28
T 29	8 52 0	14°26'55	19°12	18°44	14°46	18°10	17°38	23°32	7°24	13°34	21°54	18°36	18°10	11°31	4°27	T 29
F 30	8 55 56	15°27'27	1♒ 8	19°56	16° 0	18°22	17°52	23°27	7°22	13°36	21°56	18°23	18° 6	11°38	4°31	F 30
S 31	8 59 53	16♒27'58	13♒10	21♑ 9	17♑14	18♎35	18♑ 5	23♌22	7♌19	13♓39	21♑57	18♉ 9	18♉ 3	11♑44	4♓34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s36	26s59	3s51	19s31	3n15	20s37	1n31	1s32	2n21	23s17	0s11	14n39	1n38	18n52	0n41	7s58	1s15	25s59	4s 7	18n11	17n44	27s10	5s39	5n10
F 2	22 28	26 5	4 27	19 31	3 23	20 50	1 29	1 40	2 22	23 16	0 12	14 40	1 38	18 53	0 41	7 57	1 15	25 59	4 7	18 8	17 43	27 10	5 38	5 10
S 3	22 20	24 0	4 51	19 32	3 29	21 2	1 26	1 49	2 22	23 15	0 12	14 41	1 38	18 54	0 41	7 57	1 15	25 59	4 7	18 5	17 43	27 10	5 37	5 10
S 4	22 12	20 51	5 3	19 35	3 32	21 14	1 23	1 57	2 23	23 13	0 12	14 43	1 39	18 54	0 41	7 56	1 15	25 58	4 7	18 2	17 42	27 10	5 37	5 10
M 5	22 3	16 48	5 1	19 39	3 33	21 25	1 21	2 6	2 24	23 12	0 12	14 44	1 39	18 55	0 41	7 55	1 15	25 58	4 8	17 59	17 41	27 10	5 36	5 10
T 6	21 54	12 1	4 45	19 44	3 31	21 35	1 18	2 14	2 25	23 11	0 12	14 45	1 39	18 56	0 41	7 55	1 15	25 58	4 8	17 57	17 40	27 10	5 35	5 9
W 7	21 44	6 42	4 16	19 50	3 28	21 45	1 15	2 22	2 25	23 10	0 12	14 47	1 39	18 56	0 41	7 54	1 15	25 58	4 8	17 55	17 39	27 11	5 34	5 9
T 8	21 34	1 0	3 34	19 57	3 23	21 54	1 12	2 30	2 26	23 9	0 12	14 48	1 39	18 57	0 42	7 53	1 15	25 57	4 8	17 54	17 38	27 11	5 33	5 9
F 9	21 23	4n52	2 40	20 6	3 17	22 2	1 10	2 38	2 27	23 7	0 12	14 50	1 40	18 58	0 42	7 53	1 15	25 57	4 8	17 53	17 37	27 11	5 32	5 9
S 10	21 12	10 42	1 36	20 14	3 9	22 10	1 7	2 45	2 27	23 6	0 12	14 51	1 40	18 58	0 42	7 52	1 15	25 57	4 8	17 53	17 36	27 11	5 31	5 8
S 11	21 1	16 12	0 25	20 23	3 1	22 18	1 4	2 53	2 28	23 5	0 12	14 53	1 40	18 59	0 42	7 51	1 15	25 57	4 8	17 54	17 36	27 11	5 30	5 8
M12	20 49	21 0	0n50	20 33	2 51	22 24	1 1	3 0	2 29	23 4	0 13	14 54	1 40	19 0	0 42	7 51	1 15	25 56	4 8	17 53	17 35	27 11	5 29	5 8
T 13	20 37	24 40	2 4	20 43	2 41	22 30	0 58	3 7	2 30	23 2	0 13	14 56	1 40	19 0	0 42	7 50	1 15	25 56	4 8	17 53	17 34	27 11	5 29	5 8
W14	20 25	26 45	3 11	20 53	2 31	22 36	0 55	3 15	2 30	23 1	0 13	14 57	1 40	19 1	0 42	7 49	1 15	25 56	4 8	17 52	17 33	27 11	5 28	5 8
T 15	20 12	26 52	4 6	21 3	2 20	22 40	0 52	3 21	2 31	22 59	0 13	14 59	1 41	19 2	0 42	7 49	1 15	25 56	4 8	17 50	17 32	27 11	5 27	5 7
F 16	19 59	24 58	4 43	21 12	2 9	22 44	0 49	3 28	2 32	22 58	0 13	15 0	1 41	19 2	0 42	7 48	1 15	25 56	4 9	17 47	17 31	27 11	5 26	5 7
S 17	19 45	21 17	5 0	21 22	1 58	22 48	0 46	3 35	2 33	22 57	0 13	15 2	1 41	19 3	0 42	7 47	1 15	25 55	4 9	17 44	17 30	27 11	5 25	5 7
S 18	19 31	16 16	4 57	21 31	1 47	22 50	0 43	3 41	2 33	22 55	0 13	15 3	1 41	19 4	0 42	7 47	1 15	25 55	4 9	17 41	17 29	27 11	5 24	5 7
M19	19 17	10 27	4 34	21 39	1 36	22 52	0 40	3 47	2 34	22 54	0 13	15 5	1 41	19 5	0 42	7 46	1 15	25 55	4 9	17 38	17 29	27 11	5 23	5 7
T 20	19 2	4 17	3 55	21 47	1 25	22 54	0 37	3 54	2 35	22 52	0 13	15 7	1 41	19 5	0 42	7 45	1 15	25 55	4 9	17 36	17 28	27 11	5 21	5 7
W21	18 47	1s53	3 4	21 54	1 14	22 54	0 34	4 0	2 35	22 51	0 14	15 8	1 42	19 6	0 42	7 44	1 15	25 55	4 9	17 35	17 27	27 11	5 20	5 6
T 22	18 31	7 45	2 4	22 1	1 3	22 54	0 31	4 5	2 36	22 49	0 14	15 10	1 42	19 7	0 42	7 44	1 14	25 54	4 9	17 34	17 26	27 11	5 19	5 6
F 23	18 16	13 8	1 1	22 7	0 53	22 53	0 28	4 11	2 37	22 48	0 14	15 12	1 42	19 7	0 42	7 43	1 14	25 54	4 9	17 34	17 25	27 11	5 18	5 6
S 24	18 0	17 51	0s 4	22 12	0 42	22 52	0 25	4 16	2 38	22 46	0 14	15 13	1 42	19 8	0 42	7 42	1 14	25 54	4 9	17 34	17 24	27 11	5 17	5 6
S 25	17 43	21 45	1 7	22 16	0 32	22 50	0 22	4 22	2 38	22 45	0 14	15 15	1 42	19 9	0 42	7 41	1 14	25 54	4 9	17 34	17 23	27 11	5 16	5 6
M26	17 27	24 40	2 7	22 19	0 22	22 47	0 19	4 27	2 39	22 43	0 14	15 17	1 42	19 9	0 42	7 40	1 14	25 54	4 10	17 34	17 22	27 11	5 15	5 6
T 27	17 10	26 30	3 0	22 21	0 12	22 43	0 16	4 31	2 40	22 41	0 14	15 18	1 42	19 10	0 42	7 40	1 14	25 53	4 10	17 32	17 22	27 11	5 14	5 5
W28	16 53	27 7	3 46	22 21	0 3	22 39	0 13	4 36	2 40	22 40	0 14	15 20	1 42	19 11	0 42	7 39	1 14	25 53	4 10	17 30	17 21	27 11	5 13	5 5
T 29	16 35	26 30	4 21	22 21	0s 6	22 34	0 10	4 41	2 41	22 38	0 15	15 22	1 43	19 11	0 42	7 38	1 14	25 53	4 10	17 27	17 20	27 11	5 12	5 5
F 30	16 17	24 40	4 46	22 20	0 15	22 29	0 7	4 45	2 42	22 37	0 15	15 23	1 43	19 12	0 42	7 37	1 14	25 53	4 10	17 24	17 19	27 11	5 10	5 5
S 31	15s59	21s42	4s58	22s17	0s24	22s22	0n 5	4s49	2n42	22s35	0s15	15n25	1n43	19n13	0n42	7s36	1s14	25s53	4s10	17n19	17n18	27s11	5s 9	5n 5

Julian Day Number = 2099456.5, Delta T = 21m39s
Ecliptic obliquity = 23°33'56, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'12, Lahiri = 10°25'12 Julian Calendar 1 Jan. 1036 == Greg. Calendar 7 Jan. 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

FEBRUARY 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 3 49	17♒28'27	25♒21	22♑24	18♑28	18♎47	18♑18	23°R18	7°R16	13♓41	21♑59	17°R54	18♉ 0	11♑51	4♓38	S 1
M 2	9 7 46	18°28'54	7♓39	23°40	19°42	18°58	18°31	23♌13	7♌14	13°43	22° 1	17♉40	17°57	11°58	4°41	M 2
T 3	9 11 42	19°29'19	20° 7	24°58	20°55	19° 9	18°44	23° 8	7°11	13°45	22° 3	17°28	17°54	12° 4	4°45	T 3
W 4	9 15 39	20°29'43	2♈45	26°18	22° 9	19°19	18°57	23° 3	7° 9	13°47	22° 4	17°19	17°51	12°11	4°49	W 4
T 5	9 19 36	21°30'04	15°34	27°39	23°23	19°28	19°11	22°58	7° 6	13°49	22° 6	17°13	17°47	12°18	4°52	T 5
F 6	9 23 32	22°30'24	28°36	29° 1	24°37	19°37	19°23	22°54	7° 4	13°51	22° 8	17°10	17°44	12°24	4°56	F 6
S 7	9 27 29	23°30'41	11♉54	0♒25	25°51	19°46	19°36	22°49	7° 1	13°53	22° 9	17° 9	17°41	12°31	5° 0	S 7
S 8	9 31 25	24°30'57	25°28	1°50	27° 5	19°53	19°49	22°44	6°59	13°55	22°11	17° 9	17°38	12°38	5° 3	S 8
M 9	9 35 22	25°31'10	9♊23	3°16	28°19	20° 0	20° 2	22°39	6°56	13°58	22°13	17° 9	17°35	12°45	5° 7	M 9
T 10	9 39 18	26°31'21	23°37	4°43	29°33	20° 7	20°15	22°34	6°54	14° 0	22°14	17° 7	17°32	12°51	5°11	T 10
W11	9 43 15	27°31'30	8♋10	6°12	0♒47	20°13	20°27	22°29	6°51	14° 2	22°16	17° 2	17°28	12°58	5°14	W11
T 12	9 47 11	28°31'37	22°59	7°41	2° 1	20°18	20°40	22°25	6°49	14° 4	22°18	16°55	17°25	13° 5	5°18	T 12
F 13	9 51 8	29°31'42	7♌55	9°12	3°15	20°22	20°53	22°20	6°47	14° 6	22°19	16°45	17°22	13°11	5°22	F 13
S 14	9 55 5	0♓31'45	22°51	10°44	4°29	20°26	21° 5	22°15	6°44	14° 9	22°21	16°34	17°19	13°18	5°25	S 14
S 15	9 59 1	1°31'46	7♍38	12°17	5°43	20°29	21°17	22°10	6°42	14°11	22°22	16°22	17°16	13°25	5°29	S 15
M16	10 2 58	2°31'44	22° 6	13°51	6°57	20°32	21°30	22° 6	6°40	14°13	22°24	16°12	17°12	13°31	5°33	M16
T 17	10 6 54	3°31'41	6♎10	15°27	8°11	20°34	21°42	22° 1	6°37	14°15	22°25	16° 4	17° 9	13°38	5°37	T 17
W18	10 10 51	4°31'36	19°46	17° 3	9°25	20°35	21°54	21°56	6°35	14°18	22°27	15°59	17° 6	13°45	5°40	W18
T 19	10 14 47	5°31'29	2♏55	18°41	10°39	20°R35	22° 6	21°52	6°33	14°20	22°29	15°56	17° 3	13°52	5°44	T 19
F 20	10 18 44	6°31'21	15°39	20°20	11°53	20°35	22°18	21°47	6°31	14°22	22°30	15°D56	17° 0	13°58	5°48	F 20
S 21	10 22 40	7°31'11	28° 2	22° 0	13° 7	20°34	22°30	21°43	6°29	14°24	22°31	15°56	16°57	14° 5	5°51	S 21
S 22	10 26 37	8°30'59	10♐ 8	23°41	14°21	20°32	22°42	21°38	6°27	14°27	22°33	15°R56	16°53	14°12	5°55	S 22
M23	10 30 34	9°30'46	22° 4	25°23	15°35	20°29	22°54	21°34	6°24	14°29	22°34	15°55	16°50	14°18	5°59	M23
T 24	10 34 30	10°30'30	3♑54	27° 7	16°49	20°26	23° 6	21°29	6°22	14°31	22°36	15°53	16°47	14°25	6° 3	T 24
W25	10 38 27	11°30'13	15°43	28°52	18° 3	20°21	23°17	21°25	6°20	14°33	22°37	15°47	16°44	14°32	6° 6	W25
T 26	10 42 23	12°29'54	27°37	0♓38	19°17	20°16	23°29	21°20	6°18	14°36	22°38	15°39	16°41	14°38	6°10	T 26
F 27	10 46 20	13°29'33	9♒37	2°25	20°31	20°11	23°41	21°16	6°16	14°38	22°40	15°30	16°38	14°45	6°14	F 27
S 28	10 50 16	14°29'11	21°47	4°13	21°45	20° 4	23°52	21°12	6°15	14°40	22°41	15°18	16°34	14°52	6°17	S 28
S 29	10 54 13	15♓28'46	4♓ 9	6♓ 3	22♒59	19♎57	24♑ 3	21♌ 8	6♌13	14♓43	22♑42	15♉ 7	16♉31	14♑59	6♓21	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s41	17s47	4s57	22s14	0s32	22s16	0n 2	4s53	2n43	22s33	0s15	15n27	1n43	19n13	0n42	7s36	1s14	25s53	4s10	17n15	17n17	27s11	5s 8	5n 5
M 2	15 22	13 5	4 42	22 9	0 40	22 8	0s 1	4 56	2 44	22 32	0 15	15 28	1 43	19 14	0 42	7 35	1 14	25 52	4 10	17 11	17 16	27 10	5 7	5 5
T 3	15 3	7 48	4 13	22 2	0 48	22 0	0 4	5 0	2 44	22 30	0 15	15 30	1 43	19 15	0 42	7 34	1 14	25 52	4 11	17 8	17 15	27 10	5 6	5 5
W 4	14 44	2 8	3 31	21 55	0 56	21 51	0 7	5 3	2 45	22 28	0 15	15 32	1 43	19 15	0 42	7 33	1 14	25 52	4 11	17 6	17 14	27 10	5 4	5 4
T 5	14 25	3n44	2 38	21 46	1 3	21 41	0 10	5 6	2 46	22 26	0 15	15 33	1 43	19 16	0 42	7 32	1 14	25 52	4 11	17 4	17 14	27 10	5 3	5 4
F 6	14 5	9 32	1 36	21 36	1 10	21 31	0 13	5 9	2 46	22 25	0 15	15 35	1 43	19 17	0 42	7 32	1 14	25 52	4 11	17 3	17 13	27 10	5 2	5 4
S 7	13 45	15 3	0 28	21 25	1 16	21 20	0 15	5 12	2 47	22 23	0 16	15 37	1 43	19 17	0 42	7 31	1 14	25 52	4 11	17 3	17 12	27 10	5 1	5 4
S 8	13 25	19 56	0n44	21 12	1 22	21 9	0 18	5 14	2 48	22 21	0 16	15 38	1 44	19 18	0 42	7 30	1 14	25 52	4 11	17 3	17 11	27 10	4 59	5 4
M 9	13 5	23 52	1 55	20 58	1 28	20 57	0 21	5 16	2 48	22 19	0 16	15 40	1 44	19 18	0 42	7 29	1 14	25 51	4 11	17 3	17 10	27 10	4 58	5 4
T 10	12 44	26 24	3 0	20 42	1 34	20 44	0 23	5 18	2 49	22 18	0 16	15 42	1 44	19 19	0 42	7 28	1 14	25 51	4 12	17 2	17 9	27 9	4 57	5 4
W11	12 24	27 13	3 55	20 25	1 39	20 31	0 26	5 20	2 49	22 16	0 16	15 43	1 44	19 20	0 42	7 27	1 14	25 51	4 12	17 1	17 8	27 9	4 56	5 4
T 12	12 3	26 7	4 35	20 7	1 44	20 17	0 29	5 21	2 50	22 14	0 16	15 45	1 44	19 20	0 42	7 26	1 14	25 51	4 12	16 59	17 7	27 9	4 54	5 4
F 13	11 42	23 10	4 57	19 47	1 48	20 2	0 31	5 22	2 50	22 12	0 16	15 47	1 44	19 21	0 42	7 26	1 14	25 51	4 12	16 56	17 6	27 9	4 53	5 4
S 14	11 21	18 40	4 59	19 26	1 52	19 47	0 34	5 23	2 51	22 10	0 16	15 48	1 44	19 21	0 42	7 25	1 14	25 51	4 12	16 53	17 5	27 9	4 52	5 4
S 15	10 59	13 5	4 41	19 3	1 56	19 32	0 36	5 24	2 51	22 9	0 17	15 50	1 44	19 22	0 42	7 24	1 14	25 51	4 12	16 49	17 5	27 8	4 51	5 4
M16	10 38	6 53	4 4	18 39	1 59	19 15	0 39	5 25	2 52	22 7	0 17	15 51	1 44	19 23	0 42	7 23	1 14	25 51	4 12	16 46	17 4	27 8	4 49	5 4
T 17	10 16	0 31	3 14	18 14	2 2	18 59	0 41	5 25	2 52	22 5	0 17	15 53	1 44	19 23	0 42	7 22	1 14	25 50	4 13	16 44	17 3	27 8	4 48	5 3
W18	9 54	5s42	2 14	17 47	2 5	18 41	0 43	5 25	2 52	22 3	0 17	15 55	1 44	19 24	0 42	7 21	1 14	25 50	4 13	16 43	17 2	27 8	4 47	5 3
T 19	9 32	11 29	1 9	17 19	2 7	18 23	0 46	5 25	2 53	22 1	0 17	15 56	1 44	19 24	0 42	7 20	1 14	25 50	4 13	16 42	17 1	27 8	4 45	5 3
F 20	9 10	16 35	0 1	16 49	2 9	18 5	0 48	5 24	2 53	22 0	0 17	15 58	1 44	19 25	0 42	7 20	1 14	25 50	4 13	16 42	17 0	27 7	4 44	5 3
S 21	8 48	20 52	1s 4	16 18	2 10	17 46	0 50	5 24	2 53	21 58	0 17	15 59	1 44	19 25	0 42	7 19	1 14	25 50	4 13	16 42	16 59	27 7	4 43	5 3
S 22	8 25	24 9	2 5	15 45	2 11	17 27	0 52	5 23	2 54	21 56	0 18	16 1	1 44	19 26	0 42	7 18	1 14	25 50	4 13	16 42	16 58	27 7	4 41	5 3
M23	8 3	26 19	3 0	15 11	2 11	17 7	0 54	5 22	2 54	21 54	0 18	16 2	1 44	19 26	0 42	7 17	1 14	25 50	4 14	16 42	16 57	27 7	4 40	5 3
T 24	7 40	27 17	3 46	14 35	2 11	16 47	0 57	5 20	2 54	21 52	0 18	16 4	1 44	19 27	0 41	7 16	1 14	25 50	4 14	16 41	16 56	27 6	4 39	5 3
W25	7 17	26 59	4 23	13 58	2 11	16 26	0 59	5 18	2 54	21 50	0 18	16 5	1 44	19 27	0 41	7 15	1 14	25 50	4 14	16 39	16 55	27 6	4 37	5 3
T 26	6 54	25 27	4 48	13 20	2 10	16 4	1 0	5 16	2 54	21 49	0 18	16 6	1 44	19 28	0 41	7 14	1 14	25 50	4 14	16 37	16 55	27 6	4 36	5 3
F 27	6 31	22 46	5 2	12 40	2 8	15 43	1 2	5 14	2 54	21 47	0 18	16 8	1 44	19 28	0 41	7 13	1 14	25 50	4 14	16 34	16 54	27 5	4 35	5 3
S 28	6 8	19 4	5 1	11 58	2 6	15 21	1 4	5 12	2 54	21 45	0 18	16 9	1 44	19 29	0 41	7 12	1 14	25 50	4 14	16 31	16 53	27 5	4 33	5 3
S 29	5s45	14s29	4s47	11s15	2s 4	14s58	1s 6	5s 9	2n54	21s43	0s19	16n11	1n44	19n29	0n41	7s12	1s14	25s50	4s15	16n27	16n52	27s 5	4s32	5n 3

Julian Day Number = 2099487.5, Delta T = 21m39s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'16, Lahiri = 10°25'16 Julian Calendar 1 Feb. 1036 == Greg. Calendar 7 Feb. 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

MARCH 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 58 9	16♓28'19	16♓42	7♓54	24♒13	19°R49	24♑14	21°R 4	6°R11	14♓45	22♑44	14°R56	16♉28	15♑ 5	6♓25	M 1
T 2	11 2 6	17°27'50	29°27	9°46	25°27	19♎40	24°26	21♌ 0	6♌ 9	14°47	22°45	14♉47	16°25	15°12	6°28	T 2
W 3	11 6 3	18°27'19	12♈25	11°40	26°41	19°30	24°37	20°56	6° 7	14°49	22°46	14°40	16°22	15°19	6°32	W 3
T 4	11 9 59	19°26'45	25°33	13°34	27°55	19°20	24°47	20°52	6° 6	14°52	22°47	14°36	16°18	15°25	6°36	T 4
F 5	11 13 56	20°26'10	8♉53	15°30	29° 9	19° 9	24°58	20°48	6° 4	14°54	22°49	14°D34	16°15	15°32	6°39	F 5
S 6	11 17 52	21°25'32	22°24	17°27	0♓23	18°57	25° 9	20°44	6° 2	14°56	22°50	14°34	16°12	15°39	6°43	S 6
S 7	11 21 49	22°24'52	6♊ 6	19°26	1°37	18°44	25°20	20°40	6° 1	14°58	22°51	14°35	16° 9	15°45	6°47	S 7
M 8	11 25 45	23°24'09	20° 1	21°25	2°51	18°31	25°30	20°36	5°59	15° 1	22°52	14°R36	16° 6	15°52	6°50	M 8
T 9	11 29 42	24°23'24	4♋ 7	23°26	4° 5	18°17	25°41	20°33	5°58	15° 3	22°53	14°35	16° 3	15°59	6°54	T 9
W10	11 33 38	25°22'37	18°25	25°27	5°19	18° 2	25°51	20°29	5°56	15° 5	22°54	14°33	15°59	16° 6	6°57	W10
T 11	11 37 35	26°21'47	2♌50	27°29	6°33	17°46	26° 1	20°26	5°55	15° 7	22°55	14°29	15°56	16°12	7° 1	T 11
F 12	11 41 32	27°20'55	17°20	29°33	7°47	17°30	26°11	20°23	5°54	15°10	22°56	14°23	15°53	16°19	7° 4	F 12
S 13	11 45 28	28°20'01	1♍49	1♈36	9° 1	17°14	26°21	20°19	5°52	15°12	22°57	14°16	15°50	16°26	7° 8	S 13
S 14	11 49 25	29°19'04	16°11	3°40	10°15	16°56	26°31	20°16	5°51	15°14	22°58	14° 8	15°47	16°32	7°11	S 14
M15	11 53 21	0♈18'05	0♎19	5°44	11°28	16°38	26°41	20°13	5°50	15°16	22°59	14° 2	15°43	16°39	7°15	M15
T 16	11 57 18	1°17'04	14° 9	7°49	12°42	16°20	26°51	20°10	5°49	15°19	23° 0	13°57	15°40	16°46	7°18	T 16
W17	12 1 14	2°16'01	27°37	9°52	13°56	16° 1	27° 0	20° 7	5°47	15°21	23° 1	13°54	15°37	16°53	7°22	W17
T 18	12 5 11	3°14'56	10♏42	11°56	15°10	15°41	27°10	20° 4	5°46	15°23	23° 2	13°D52	15°34	16°59	7°25	T 18
F 19	12 9 7	4°13'49	23°27	13°58	16°24	15°21	27°19	20° 1	5°45	15°25	23° 3	13°53	15°31	17° 6	7°29	F 19
S 20	12 13 4	5°12'41	5♐51	15°59	17°38	15° 1	27°28	19°59	5°44	15°27	23° 3	13°54	15°28	17°13	7°32	S 20
S 21	12 17 0	6°11'30	18° 1	17°58	18°52	14°40	27°37	19°56	5°44	15°29	23° 4	13°56	15°24	17°19	7°35	S 21
M22	12 20 57	7°10'18	29°59	19°55	20° 6	14°19	27°46	19°54	5°43	15°32	23° 5	13°57	15°21	17°26	7°39	M22
T 23	12 24 54	8° 9'04	11♑52	21°50	21°20	13°57	27°55	19°51	5°42	15°34	23° 6	13°R57	15°18	17°33	7°42	T 23
W24	12 28 50	9° 7'48	23°44	23°42	22°33	13°35	28° 4	19°49	5°41	15°36	23° 7	13°56	15°15	17°39	7°45	W24
T 25	12 32 47	10° 6'31	5♒40	25°32	23°47	13°13	28°12	19°47	5°40	15°38	23° 7	13°53	15°12	17°46	7°49	T 25
F 26	12 36 43	11° 5'12	17°44	27°18	25° 1	12°51	28°21	19°44	5°40	15°40	23° 8	13°49	15° 9	17°53	7°52	F 26
S 27	12 40 40	12° 3'50	29°59	29° 0	26°15	12°28	28°29	19°42	5°39	15°42	23° 8	13°44	15° 5	18° 0	7°55	S 27
S 28	12 44 36	13° 2'28	12♓29	0♉38	27°29	12° 6	28°37	19°40	5°39	15°44	23° 9	13°39	15° 2	18° 6	7°58	S 28
M29	12 48 33	14° 1'03	25°15	2°12	28°43	11°43	28°45	19°39	5°38	15°46	23°10	13°34	14°59	18°13	8° 1	M29
T 30	12 52 29	14°59'36	8♈17	3°42	29°57	11°20	28°53	19°37	5°38	15°48	23°10	13°30	14°56	18°20	8° 5	T 30
W31	12 56 26	15♈58'07	21♈35	5♉ 8	1♈11	10♎58	29♑ 1	19♌35	5♌37	15♓50	23♑11	13♉27	14♉53	18♑26	8♓ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl		decl	lat
M 1	5s22	9s14	4s18	10s31	2s 1	14s35	1s 8	5s 6	2n54	21s41	0s19	16n12	1n44	19n30	0n41	7s11	1s14	25s49	4s15	16n24	16n51	27s 4		4s31	5n 3
T 2	4 59	3 32	3 37	9 46	1 57	14 12	1 9	5 3	2 54	21 39	0 19	16 13	1 44	19 30	0 41	7 10	1 14	25 49	4 15	16 21	16 50	27 4		4 29	5 3
W 3	4 35	2n26	2 43	8 58	1 54	13 48	1 11	4 59	2 54	21 38	0 19	16 15	1 44	19 31	0 41	7 9	1 14	25 49	4 15	16 19	16 49	27 4		4 28	5 3
T 4	4 12	8 23	1 40	8 10	1 49	13 24	1 12	4 56	2 54	21 36	0 19	16 16	1 44	19 31	0 41	7 8	1 14	25 49	4 15	16 18	16 48	27 3		4 27	5 3
F 5	3 49	14 3	0 30	7 20	1 44	12 59	1 14	4 52	2 53	21 34	0 19	16 17	1 44	19 31	0 41	7 7	1 14	25 49	4 15	16 18	16 47	27 3		4 25	5 3
S 6	3 25	19 8	0n42	6 29	1 38	12 34	1 15	4 47	2 53	21 32	0 19	16 18	1 44	19 32	0 41	7 6	1 14	25 49	4 16	16 18	16 46	27 3		4 24	5 3
S 7	3 2	23 18	1 53	5 37	1 32	12 9	1 17	4 43	2 53	21 30	0 20	16 19	1 44	19 32	0 41	7 6	1 14	25 49	4 16	16 18	16 45	27 2		4 22	5 3
M 8	2 38	26 9	2 59	4 44	1 26	11 43	1 18	4 38	2 52	21 29	0 20	16 21	1 44	19 32	0 41	7 5	1 14	25 49	4 16	16 18	16 45	27 2		4 21	5 3
T 9	2 14	27 24	3 54	3 49	1 19	11 18	1 19	4 34	2 52	21 27	0 20	16 22	1 44	19 33	0 41	7 4	1 14	25 49	4 16	16 18	16 44	27 2		4 20	5 3
W10	1 51	26 51	4 36	2 54	1 11	10 51	1 20	4 29	2 51	21 25	0 20	16 23	1 44	19 33	0 41	7 3	1 14	25 49	4 16	16 17	16 43	27 1		4 18	5 3
T 11	1 27	24 30	5 1	1 58	1 3	10 25	1 21	4 23	2 50	21 23	0 20	16 24	1 44	19 33	0 41	7 2	1 14	25 49	4 17	16 16	16 42	27 1		4 17	5 3
F 12	1 4	20 35	5 7	1 0	0 54	9 58	1 22	4 18	2 50	21 21	0 20	16 25	1 44	19 34	0 41	7 1	1 14	25 49	4 17	16 14	16 41	27 0		4 16	5 4
S 13	0 40	15 26	4 53	0 2	0 45	9 31	1 23	4 12	2 49	21 20	0 21	16 26	1 44	19 34	0 41	7 0	1 14	25 49	4 17	16 12	16 40	27 0		4 14	5 4
S 14	0 16	9 29	4 21	0n56	0 35	9 4	1 24	4 6	2 48	21 18	0 21	16 27	1 44	19 34	0 41	6 59	1 14	25 49	4 17	16 10	16 39	27 0		4 13	5 4
M15	0n 7	3 8	3 33	1 55	0 25	8 37	1 25	4 0	2 47	21 16	0 21	16 28	1 44	19 35	0 41	6 59	1 15	25 49	4 17	16 8	16 38	26 59		4 12	5 4
T 16	0 31	3s15	2 34	2 54	0 14	8 9	1 26	3 54	2 46	21 15	0 21	16 29	1 44	19 35	0 41	6 58	1 15	25 49	4 18	16 7	16 37	26 59		4 10	5 4
W17	0 54	9 20	1 27	3 52	0 4	7 41	1 27	3 48	2 45	21 13	0 21	16 30	1 44	19 35	0 41	6 57	1 15	25 49	4 18	16 6	16 36	26 58		4 9	5 4
T 18	1 18	14 51	0 17	4 51	0n 7	7 13	1 27	3 42	2 44	21 11	0 21	16 31	1 44	19 35	0 41	6 56	1 15	25 49	4 18	16 5	16 35	26 58		4 8	5 4
F 19	1 41	19 34	0s52	5 49	0 19	6 44	1 28	3 35	2 42	21 10	0 22	16 31	1 44	19 36	0 41	6 55	1 15	25 50	4 18	16 5	16 34	26 57		4 6	5 4
S 20	2 5	23 19	1 57	6 47	0 30	6 16	1 28	3 28	2 41	21 8	0 22	16 32	1 44	19 36	0 41	6 54	1 15	25 50	4 18	16 6	16 33	26 57		4 5	5 4
S 21	2 28	25 56	2 55	7 43	0 41	5 47	1 29	3 22	2 40	21 6	0 22	16 33	1 44	19 36	0 41	6 54	1 15	25 50	4 19	16 6	16 32	26 56		4 4	5 4
M22	2 52	27 19	3 45	8 39	0 53	5 18	1 29	3 15	2 38	21 5	0 22	16 34	1 44	19 36	0 41	6 53	1 15	25 50	4 19	16 7	16 32	26 56		4 2	5 4
T 23	3 15	27 25	4 24	9 33	1 4	4 49	1 29	3 8	2 36	21 3	0 22	16 34	1 43	19 36	0 41	6 52	1 15	25 50	4 19	16 7	16 31	26 55		4 1	5 4
W24	3 38	26 16	4 52	10 25	1 15	4 20	1 30	3 1	2 35	21 1	0 22	16 35	1 43	19 37	0 41	6 51	1 15	25 50	4 19	16 6	16 30	26 55		4 0	5 5
T 25	4 1	23 56	5 8	11 15	1 26	3 51	1 30	2 54	2 33	21 0	0 23	16 36	1 43	19 37	0 41	6 50	1 15	25 50	4 19	16 5	16 29	26 54		3 58	5 5
F 26	4 25	20 31	5 11	12 4	1 37	3 22	1 30	2 47	2 31	20 58	0 23	16 36	1 43	19 37	0 41	6 50	1 15	25 50	4 20	16 4	16 28	26 54		3 57	5 5
S 27	4 48	16 12	4 59	12 50	1 47	2 52	1 30	2 40	2 29	20 57	0 23	16 37	1 43	19 37	0 41	6 49	1 15	25 50	4 20	16 3	16 27	26 53		3 56	5 5
S 28	5 11	11 7	4 33	13 34	1 56	2 23	1 30	2 33	2 28	20 55	0 23	16 37	1 43	19 37	0 41	6 48	1 15	25 50	4 20	16 1	16 26	26 53		3 55	5 5
M29	5 33	5 28	3 53	14 16	2 5	1 53	1 30	2 26	2 26	20 54	0 23	16 38	1 43	19 37	0 41	6 47	1 15	25 50	4 20	16 0	16 25	26 52		3 53	5 5
T 30	5 56	0n32	3 1	14 55	2 14	1 23	1 30	2 19	2 23	20 52	0 23	16 38	1 43	19 37	0 41	6 46	1 15	25 50	4 20	15 58	16 24	26 52		3 52	5 5
W31	6n19	6n39	1s57	15n31	2n21	0s54	1s29	2s12	2n21	20s51	0s24	16n39	1n43	19n37	0n41	6s46	1s15	25s50	4s21	15n57	16n23	26s51		3s51	5n 5

Julian Day Number = 2099516.5, Delta T = 21m38s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'20, Lahiri = 10°25'20 Julian Calendar 1 March 1036 == Greg. Calendar 7 March 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

APRIL 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 0 23	16♈56'37	5♉ 7	6♉29	2♈24	10°R35	29♑ 9	19°R34	5°R37	15♓52	23♑11	13°R25	14♉49	18♑33	8♓11	T 1
F 2	13 4 19	17°55'04	18°52	7°45	3°38	10♎12	29°16	19♌32	5♌37	15°54	23°12	13°D25	14°46	18°40	8°14	F 2
S 3	13 8 16	18°53'30	2♊47	8°56	4°52	9°50	29°23	19°31	5°36	15°56	23°12	13♉26	14°43	18°47	8°17	S 3
S 4	13 12 12	19°51'53	16°49	10° 2	6° 6	9°28	29°31	19°30	5°36	15°58	23°13	13°27	14°40	18°53	8°20	S 4
M 5	13 16 9	20°50'14	0♋57	11° 3	7°20	9° 6	29°38	19°29	5°36	16° 0	23°13	13°29	14°37	19° 0	8°23	M 5
T 6	13 20 5	21°48'34	15° 9	11°59	8°33	8°44	29°44	19°28	5°36	16° 2	23°13	13°R30	14°34	19° 7	8°26	T 6
W 7	13 24 2	22°46'50	29°21	12°50	9°47	8°23	29°51	19°27	5°D36	16° 4	23°14	13°30	14°30	19°13	8°29	W 7
T 8	13 27 58	23°45'05	13♌33	13°35	11° 1	8° 2	29°58	19°26	5°36	16° 6	23°14	13°29	14°27	19°20	8°31	T 8
F 9	13 31 55	24°43'18	27°41	14°15	12°15	7°42	0♒ 4	19°25	5°36	16° 8	23°14	13°27	14°24	19°27	8°34	F 9
S 10	13 35 52	25°41'28	11♍43	14°50	13°29	7°22	0°10	19°25	5°36	16°10	23°14	13°25	14°21	19°34	8°37	S 10
S 11	13 39 48	26°39'37	25°36	15°19	14°42	7° 2	0°17	19°24	5°36	16°12	23°15	13°22	14°18	19°40	8°40	S 11
M12	13 43 45	27°37'43	9♎16	15°43	15°56	6°43	0°23	19°24	5°37	16°14	23°15	13°20	14°14	19°47	8°42	M12
T 13	13 47 41	28°35'48	22°42	16° 1	17°10	6°25	0°28	19°23	5°37	16°15	23°15	13°19	14°11	19°54	8°45	T 13
W14	13 51 38	29°33'51	5♏52	16°14	18°24	6° 7	0°34	19°23	5°37	16°17	23°15	13°18	14° 8	20° 0	8°48	W14
T 15	13 55 34	0♑31'52	18°45	16°21	19°37	5°50	0°40	19°D23	5°38	16°19	23°15	13°D18	14° 5	20° 7	8°50	T 15
F 16	13 59 31	1°29'52	1♐22	16°R23	20°51	5°33	0°45	19°23	5°38	16°21	23°15	13°19	14° 2	20°14	8°53	F 16
S 17	14 3 27	2°27'50	13°43	16°20	22° 5	5°17	0°50	19°23	5°39	16°22	23°15	13°19	13°59	20°20	8°55	S 17
S 18	14 7 24	3°25'47	25°52	16°13	23°18	5° 2	0°55	19°23	5°39	16°24	23°R15	13°20	13°55	20°27	8°58	S 18
M19	14 11 21	4°23'43	7♑51	16° 0	24°32	4°47	1° 0	19°24	5°40	16°26	23°15	13°21	13°52	20°34	9° 0	M19
T 20	14 15 17	5°21'37	19°45	15°43	25°46	4°33	1° 5	19°24	5°40	16°27	23°15	13°22	13°49	20°41	9° 3	T 20
W21	14 19 14	6°19'30	1♒38	15°23	27° 0	4°20	1° 9	19°25	5°41	16°29	23°15	13°R22	13°46	20°47	9° 5	W21
T 22	14 23 10	7°17'21	13°34	14°58	28°13	4° 8	1°13	19°25	5°42	16°31	23°15	13°22	13°43	20°54	9° 7	T 22
F 23	14 27 7	8°15'11	25°39	14°31	29°27	3°56	1°18	19°26	5°43	16°32	23°15	13°22	13°40	21° 1	9°10	F 23
S 24	14 31 3	9°13'00	7♓56	14° 0	0♉41	3°45	1°21	19°27	5°44	16°34	23°15	13°22	13°36	21° 7	9°12	S 24
S 25	14 35 0	10°10'47	20°29	13°28	1°55	3°35	1°25	19°28	5°45	16°35	23°15	13°21	13°33	21°14	9°14	S 25
M26	14 38 56	11° 8'34	3♈21	12°54	3° 8	3°26	1°29	19°29	5°46	16°37	23°15	13°21	13°30	21°21	9°16	M26
T 27	14 42 53	12° 6'19	16°34	12°19	4°22	3°17	1°32	19°30	5°47	16°38	23°14	13°21	13°27	21°28	9°18	T 27
W28	14 46 50	13° 4'03	0♉ 8	11°44	5°36	3°10	1°36	19°32	5°48	16°40	23°14	13°D21	13°24	21°34	9°20	W28
T 29	14 50 46	14° 1'45	14° 1	11°10	6°49	3° 3	1°39	19°33	5°49	16°41	23°14	13°R21	13°20	21°41	9°22	T 29
F 30	14 54 43	14♉59'26	28♉12	10♉36	8♉ 3	2♎57	1♒42	19♌34	5♌50	16♓43	23♑14	13♉21	13♉17	21♑48	9♓24	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n41	12n35	0s45	16n 5	2n28	0s24	1s29	2s 5	2n19	20s50	0s24	16n39	1n43	19n37	0n41	6s45	1s15	25s51	4s21	15n57	16n22	26s51	3s49	5n 5
F 2	7 4	18 0	0n30	16 36	2 34	0n 6	1 29	1 58	2 17	20 48	0 24	16 40	1 43	19 37	0 41	6 44	1 15	25 51	4 21	15 57	16 21	26 50	3 48	5 6
S 3	7 26	22 32	1 44	17 4	2 39	0 36	1 28	1 51	2 15	20 47	0 24	16 40	1 43	19 37	0 41	6 43	1 15	25 51	4 21	15 57	16 20	26 50	3 47	5 6
S 4	7 48	25 47	2 53	17 29	2 44	1 6	1 28	1 45	2 12	20 46	0 24	16 40	1 43	19 37	0 40	6 43	1 15	25 51	4 21	15 58	16 19	26 49	3 46	5 6
M 5	8 11	27 26	3 52	17 52	2 47	1 35	1 27	1 38	2 10	20 44	0 25	16 41	1 42	19 37	0 40	6 42	1 15	25 51	4 22	15 58	16 18	26 48	3 44	5 6
T 6	8 33	27 17	4 37	18 12	2 49	2 5	1 26	1 32	2 7	20 43	0 25	16 41	1 42	19 37	0 40	6 41	1 15	25 51	4 22	15 58	16 17	26 48	3 43	5 6
W 7	8 54	25 22	5 5	18 29	2 51	2 35	1 26	1 26	2 5	20 42	0 25	16 41	1 42	19 37	0 40	6 41	1 15	25 51	4 22	15 58	16 17	26 47	3 42	5 6
T 8	9 16	21 52	5 15	18 43	2 51	3 5	1 25	1 20	2 2	20 40	0 25	16 41	1 42	19 37	0 40	6 40	1 15	25 52	4 22	15 58	16 16	26 47	3 41	5 6
F 9	9 38	17 6	5 5	18 54	2 50	3 34	1 24	1 14	2 0	20 39	0 25	16 41	1 42	19 37	0 40	6 39	1 15	25 52	4 22	15 58	16 15	26 46	3 40	5 7
S 10	9 59	11 28	4 37	19 3	2 48	4 4	1 23	1 9	1 57	20 38	0 26	16 41	1 42	19 37	0 40	6 38	1 15	25 52	4 23	15 57	16 14	26 45	3 38	5 7
S 11	10 20	5 20	3 54	19 9	2 45	4 34	1 22	1 4	1 54	20 37	0 26	16 41	1 42	19 37	0 40	6 38	1 15	25 52	4 23	15 56	16 13	26 45	3 37	5 7
M12	10 41	0s59	2 57	19 11	2 41	5 3	1 21	0 58	1 52	20 36	0 26	16 42	1 42	19 37	0 40	6 37	1 15	25 52	4 23	15 56	16 12	26 44	3 36	5 7
T 13	11 2	7 9	1 51	19 12	2 35	5 32	1 20	0 54	1 49	20 35	0 26	16 42	1 42	19 37	0 40	6 36	1 15	25 52	4 23	15 55	16 11	26 43	3 35	5 7
W14	11 23	12 54	0 41	19 9	2 29	6 2	1 19	0 49	1 46	20 34	0 26	16 41	1 42	19 37	0 40	6 36	1 15	25 53	4 23	15 55	16 10	26 43	3 34	5 7
T 15	11 43	17 59	0s30	19 3	2 21	6 31	1 18	0 45	1 43	20 33	0 26	16 41	1 41	19 37	0 40	6 35	1 15	25 53	4 24	15 55	16 9	26 42	3 33	5 8
F 16	12 3	22 9	1 38	18 55	2 11	7 0	1 17	0 41	1 41	20 32	0 27	16 41	1 41	19 37	0 40	6 34	1 15	25 53	4 24	15 55	16 8	26 41	3 32	5 8
S 17	12 24	25 13	2 40	18 45	2 1	7 28	1 16	0 37	1 38	20 31	0 27	16 41	1 41	19 36	0 40	6 34	1 15	25 53	4 24	15 55	16 7	26 41	3 30	5 8
S 18	12 43	27 4	3 34	18 32	1 50	7 57	1 14	0 33	1 35	20 30	0 27	16 41	1 41	19 36	0 40	6 33	1 15	25 53	4 24	15 56	16 6	26 40	3 29	5 8
M19	13 3	27 37	4 18	18 16	1 37	8 26	1 13	0 30	1 32	20 29	0 27	16 41	1 41	19 36	0 40	6 33	1 16	25 53	4 24	15 56	16 5	26 39	3 28	5 8
T 20	13 23	26 53	4 50	17 58	1 24	8 54	1 12	0 27	1 29	20 28	0 28	16 41	1 41	19 36	0 40	6 32	1 16	25 54	4 25	15 56	16 4	26 39	3 27	5 9
W21	13 42	24 56	5 10	17 38	1 9	9 22	1 10	0 24	1 27	20 28	0 28	16 40	1 41	19 36	0 40	6 31	1 16	25 54	4 25	15 56	16 3	26 38	3 26	5 9
T 22	14 1	21 53	5 17	17 16	0 54	9 50	1 9	0 22	1 24	20 27	0 28	16 40	1 41	19 35	0 40	6 31	1 16	25 54	4 25	15 56	16 2	26 37	3 25	5 9
F 23	14 20	17 53	5 9	16 53	0 38	10 18	1 7	0 20	1 21	20 26	0 28	16 40	1 41	19 35	0 40	6 30	1 16	25 54	4 25	15 56	16 1	26 36	3 24	5 9
S 24	14 39	13 5	4 48	16 28	0 22	10 45	1 5	0 18	1 18	20 25	0 28	16 39	1 41	19 35	0 40	6 30	1 16	25 55	4 25	15 56	16 0	26 36	3 23	5 9
S 25	14 57	7 40	4 13	16 2	0 5	11 12	1 4	0 17	1 15	20 25	0 29	16 39	1 40	19 35	0 40	6 29	1 16	25 55	4 26	15 56	15 59	26 35	3 22	5 10
M26	15 15	1 47	3 24	15 36	0s13	11 39	1 2	0 16	1 13	20 24	0 29	16 38	1 40	19 34	0 40	6 28	1 16	25 55	4 26	15 56	15 58	26 34	3 21	5 10
T 27	15 33	4n21	2 23	15 8	0 30	12 6	1 0	0 15	1 10	20 24	0 29	16 38	1 40	19 34	0 40	6 28	1 16	25 55	4 26	15 56	15 58	26 33	3 20	5 10
W28	15 51	10 27	1 13	14 41	0 47	12 32	0 58	0 14	1 7	20 23	0 29	16 37	1 40	19 34	0 40	6 27	1 16	25 56	4 26	15 56	15 57	26 33	3 19	5 10
T 29	16 8	16 11	0n 4	14 14	1 5	12 58	0 57	0 14	1 4	20 23	0 29	16 37	1 40	19 34	0 40	6 27	1 16	25 56	4 26	15 56	15 56	26 32	3 18	5 10
F 30	16n25	21n11	1n21	13n47	1s21	13n24	0s55	0s14	1n 2	20s22	0s30	16n36	1n40	19n33	0n40	6s26	1s16	25s56	4s27	15n56	15n55	26s31	3s17	5n11

Julian Day Number = 2099547.5, Delta T = 21m38s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'24, Lahiri = 10°25'25 Julian Calendar 1 Apr. 1036 == Greg. Calendar 7 Apr. 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

MAY 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 58 39	15♉57'06	12♊34	10°R 3	9♉17	2°R51	1♒44	19♌36	5♌51	16♓44	23°R13	13°R20	13♉14	21♑54	9♓26	S 1
S 2	15 2 36	16°54'45	27° 3	9♉33	10°30	2♎47	1°47	19°38	5°53	16°45	23♑13	13♉20	13°11	22° 1	9°28	S 2
M 3	15 6 32	17°52'22	11♋34	9° 5	11°44	2°43	1°49	19°40	5°54	16°47	23°13	13°20	13° 8	22° 8	9°30	M 3
T 4	15 10 29	18°49'57	26° 2	8°40	12°58	2°41	1°51	19°41	5°55	16°48	23°12	13°19	13° 5	22°15	9°32	T 4
W 5	15 14 25	19°47'31	10♌21	8°18	14°11	2°39	1°53	19°43	5°57	16°49	23°12	13°19	13° 1	22°21	9°34	W 5
T 6	15 18 22	20°45'04	24°31	8° 0	15°25	2°37	1°55	19°46	5°58	16°50	23°11	13°D19	12°58	22°28	9°35	T 6
F 7	15 22 19	21°42'35	8♍27	7°46	16°39	2°D37	1°57	19°48	6° 0	16°52	23°11	13°19	12°55	22°35	9°37	F 7
S 8	15 26 15	22°40'04	22°10	7°36	17°52	2°38	1°58	19°50	6° 1	16°53	23°10	13°20	12°52	22°41	9°39	S 8
S 9	15 30 12	23°37'32	5♎39	7°31	19° 6	2°39	1°59	19°52	6° 3	16°54	23°10	13°21	12°49	22°48	9°40	S 9
M10	15 34 8	24°34'59	18°54	7°D29	20°20	2°41	2° 0	19°55	6° 5	16°55	23° 9	13°22	12°46	22°55	9°42	M10
T 11	15 38 5	25°32'24	1♏55	7°32	21°33	2°43	2° 1	19°57	6° 6	16°56	23° 9	13°22	12°42	23° 2	9°43	T 11
W12	15 42 1	26°29'49	14°43	7°40	22°47	2°47	2° 2	20° 0	6° 8	16°57	23° 8	13°R22	12°39	23° 8	9°44	W12
T 13	15 45 58	27°27'12	27°19	7°52	24° 1	2°51	2° 2	20° 3	6°10	16°58	23° 7	13°22	12°36	23°15	9°46	T 13
F 14	15 49 54	28°24'34	9♐43	8° 9	25°14	2°56	2° 3	20° 6	6°12	16°59	23° 7	13°21	12°33	23°22	9°47	F 14
S 15	15 53 51	29°21'56	21°56	8°30	26°28	3° 2	2°R 3	20° 9	6°14	17° 0	23° 6	13°19	12°30	23°28	9°48	S 15
S 16	15 57 48	0♊19'17	4♑ 0	8°55	27°42	3° 8	2° 3	20°12	6°16	17° 1	23° 5	13°17	12°26	23°35	9°49	S 16
M17	16 1 44	1°16'37	15°57	9°25	28°55	3°15	2° 2	20°15	6°18	17° 2	23° 5	13°14	12°23	23°42	9°51	M17
T 18	16 5 41	2°13'56	27°51	9°59	0♊ 9	3°23	2° 2	20°18	6°20	17° 3	23° 4	13°11	12°20	23°49	9°52	T 18
W19	16 9 37	3°11'15	9♒43	10°37	1°23	3°32	2° 1	20°21	6°22	17° 4	23° 3	13° 9	12°17	23°55	9°53	W19
T 20	16 13 34	4° 8'33	21°39	11°19	2°36	3°41	2° 0	20°25	6°24	17° 5	23° 2	13° 8	12°14	24° 2	9°54	T 20
F 21	16 17 30	5° 5'51	3♓42	12° 5	3°50	3°51	1°59	20°28	6°26	17° 6	23° 1	13°D 7	12°11	24° 9	9°55	F 21
S 22	16 21 27	6° 3'08	15°57	12°55	5° 4	4° 1	1°58	20°32	6°28	17° 6	23° 1	13° 7	12° 7	24°16	9°56	S 22
S 23	16 25 23	7° 0'25	28°29	13°48	6°17	4°12	1°56	20°36	6°31	17° 7	23° 0	13° 8	12° 4	24°22	9°56	S 23
M24	16 29 20	7°57'41	11♈21	14°46	7°31	4°24	1°55	20°39	6°33	17° 8	22°59	13°10	12° 1	24°29	9°57	M24
T 25	16 33 17	8°54'57	24°36	15°47	8°45	4°36	1°53	20°43	6°35	17° 8	22°58	13°11	11°58	24°36	9°58	T 25
W26	16 37 13	9°52'13	8♉17	16°51	9°58	4°49	1°51	20°47	6°38	17° 9	22°57	13°R12	11°55	24°42	9°58	W26
T 27	16 41 10	10°49'28	22°23	17°59	11°12	5° 3	1°49	20°51	6°40	17°10	22°56	13°12	11°52	24°49	9°59	T 27
F 28	16 45 6	11°46'43	6♊51	19°11	12°26	5°17	1°46	20°55	6°43	17°10	22°55	13°10	11°48	24°56	10° 0	F 28
S 29	16 49 3	12°43'58	21°36	20°26	13°40	5°32	1°44	20°59	6°45	17°11	22°54	13° 8	11°45	25° 3	10° 0	S 29
S 30	16 52 59	13°41'12	6♋31	21°44	14°53	5°47	1°41	21° 4	6°48	17°11	22°53	13° 4	11°42	25° 9	10° 1	S 30
M31	16 56 56	14♊38'25	21♋27	23♉ 6	16♊ 7	6♎ 3	1♒38	21♌ 8	6♌50	17♓12	22♑52	12♉59	11♉39	25♑16	10♓ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	16n42	24n59	2n35	13n22	1s38	13n50	0s53	0s14	0n59	20s22	0s30	16n36	1n40	19n33	0n40	6s26	1s16	25s56	4s27	15n56	15n54	26s30	3s16	5n11	S 1
S 2	16 59	27 11	3 39	12 57	1 53	14 15	0 51	0 15	0 56	20 21	0 30	16 35	1 40	19 33	0 40	6 25	1 16	25 57	4 27	15 55	15 53	26 29	3 15	5 11	S 2
M 3	17 15	27 32	4 29	12 34	2 8	14 40	0 49	0 16	0 54	20 21	0 30	16 34	1 40	19 32	0 40	6 25	1 16	25 57	4 27	15 55	15 52	26 29	3 14	5 11	M 3
T 4	17 31	26 0	5 2	12 13	2 22	15 4	0 47	0 17	0 51	20 21	0 31	16 34	1 39	19 32	0 40	6 24	1 16	25 57	4 27	15 55	15 51	26 28	3 14	5 12	T 4
W 5	17 47	22 48	5 16	11 54	2 36	15 28	0 45	0 19	0 48	20 21	0 31	16 33	1 39	19 31	0 40	6 24	1 16	25 57	4 28	15 55	15 50	26 27	3 13	5 12	W 5
T 6	18 2	18 18	5 11	11 36	2 48	15 52	0 43	0 21	0 46	20 20	0 31	16 32	1 39	19 31	0 39	6 24	1 16	25 58	4 28	15 55	15 49	26 26	3 12	5 12	T 6
F 7	18 17	12 52	4 47	11 21	2 59	16 15	0 41	0 23	0 43	20 20	0 31	16 31	1 39	19 31	0 39	6 23	1 16	25 58	4 28	15 55	15 48	26 25	3 11	5 12	F 7
S 8	18 32	6 54	4 7	11 9	3 9	16 38	0 38	0 26	0 41	20 20	0 31	16 31	1 39	19 30	0 39	6 23	1 16	25 58	4 28	15 55	15 47	26 24	3 10	5 12	S 8
S 9	18 47	0 43	3 14	10 59	3 18	17 1	0 36	0 28	0 38	20 20	0 32	16 30	1 39	19 30	0 39	6 22	1 16	25 58	4 28	15 56	15 46	26 24	3 9	5 13	S 9
M10	19 1	5s25	2 11	10 51	3 25	17 23	0 34	0 31	0 36	20 20	0 32	16 29	1 39	19 29	0 39	6 22	1 16	25 59	4 29	15 56	15 45	26 23	3 9	5 13	M10
T 11	19 15	11 13	1 3	10 46	3 32	17 44	0 32	0 35	0 33	20 20	0 32	16 28	1 39	19 29	0 39	6 21	1 16	25 59	4 29	15 56	15 44	26 22	3 8	5 13	T 11
W12	19 28	16 28	0s 7	10 43	3 37	18 5	0 30	0 38	0 31	20 20	0 32	16 27	1 39	19 28	0 39	6 21	1 17	25 59	4 29	15 56	15 43	26 21	3 7	5 13	W12
T 13	19 42	20 54	1 16	10 43	3 42	18 26	0 27	0 42	0 29	20 20	0 33	16 26	1 39	19 28	0 39	6 21	1 17	26 0	4 29	15 56	15 42	26 20	3 6	5 14	T 13
F 14	19 55	24 20	2 20	10 45	3 45	18 46	0 25	0 46	0 26	20 20	0 33	16 25	1 38	19 27	0 39	6 20	1 17	26 0	4 29	15 56	15 41	26 19	3 6	5 14	F 14
S 15	20 7	26 36	3 17	10 49	3 47	19 6	0 23	0 51	0 24	20 21	0 33	16 24	1 38	19 27	0 39	6 20	1 17	26 0	4 30	15 55	15 40	26 18	3 5	5 14	S 15
S 16	20 20	27 34	4 4	10 56	3 48	19 25	0 21	0 55	0 22	20 21	0 33	16 23	1 38	19 26	0 39	6 20	1 17	26 1	4 30	15 54	15 39	26 17	3 4	5 14	S 16
M17	20 31	27 14	4 40	11 5	3 49	19 44	0 18	1 0	0 19	20 21	0 33	16 22	1 38	19 26	0 39	6 19	1 17	26 1	4 30	15 54	15 38	26 16	3 4	5 15	M17
T 18	20 43	25 39	5 3	11 17	3 48	20 2	0 16	1 5	0 17	20 22	0 34	16 21	1 38	19 25	0 39	6 19	1 17	26 1	4 30	15 53	15 37	26 16	3 3	5 15	T 18
W19	20 54	22 57	5 14	11 30	3 46	20 20	0 14	1 11	0 15	20 22	0 34	16 19	1 38	19 25	0 39	6 19	1 17	26 1	4 30	15 52	15 36	26 15	3 2	5 15	W19
T 20	21 5	19 16	5 11	11 45	3 44	20 37	0 11	1 16	0 13	20 22	0 34	16 18	1 38	19 24	0 39	6 19	1 17	26 2	4 31	15 52	15 35	26 14	3 2	5 15	T 20
F 21	21 16	14 46	4 55	12 2	3 41	20 53	0 9	1 22	0 11	20 23	0 34	16 17	1 38	19 24	0 39	6 18	1 17	26 2	4 31	15 51	15 34	26 13	3 1	5 16	F 21
S 22	21 26	9 38	4 25	12 21	3 37	21 9	0 6	1 28	0 9	20 23	0 35	16 16	1 38	19 23	0 39	6 18	1 17	26 2	4 31	15 52	15 33	26 12	3 1	5 16	S 22
S 23	21 36	3 59	3 41	12 42	3 32	21 24	0 4	1 35	0 7	20 24	0 35	16 15	1 38	19 22	0 39	6 18	1 17	26 3	4 31	15 52	15 32	26 11	3 0	5 16	S 23
M24	21 45	1n58	2 46	13 4	3 26	21 39	0 2	1 41	0 5	20 24	0 35	16 13	1 37	19 22	0 39	6 18	1 17	26 3	4 31	15 52	15 31	26 10	3 0	5 16	M24
T 25	21 54	8 2	1 40	13 27	3 20	21 53	0n 1	1 48	0 3	20 25	0 35	16 12	1 37	19 21	0 39	6 17	1 17	26 3	4 31	15 53	15 30	26 9	2 59	5 17	T 25
W26	22 3	13 55	0 27	13 52	3 13	22 7	0 3	1 55	0 1	20 26	0 36	16 11	1 37	19 21	0 39	6 17	1 17	26 4	4 32	15 53	15 29	26 8	2 59	5 17	W26
T 27	22 11	19 16	0n50	14 18	3 6	22 20	0 5	2 2	0s 1	20 27	0 36	16 9	1 37	19 20	0 39	6 17	1 17	26 4	4 32	15 53	15 28	26 7	2 58	5 17	T 27
F 28	22 19	23 38	2 6	14 46	2 58	22 32	0 8	2 10	0 3	20 27	0 36	16 8	1 37	19 19	0 39	6 17	1 17	26 4	4 32	15 53	15 27	26 6	2 58	5 17	F 28
S 29	22 27	26 32	3 15	15 14	2 49	22 44	0 10	2 17	0 5	20 28	0 36	16 6	1 37	19 19	0 39	6 17	1 17	26 5	4 32	15 52	15 26	26 5	2 57	5 18	S 29
S 30	22 34	27 35	4 11	15 43	2 40	22 55	0 13	2 25	0 7	20 29	0 36	16 5	1 37	19 18	0 39	6 16	1 17	26 5	4 32	15 51	15 25	26 4	2 57	5 18	S 30
M31	22n41	26n37	4n50	16n13	2s31	23n 5	0n15	2s33	0s 9	20s30	0s37	16n 3	1n37	19n17	0n39	6s16	1s17	26s 5	4s32	15n49	15n24	26s 3	2s57	5n18	M31

Julian Day Number = 2099577.5, Delta T = 21m38s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'28, Lahiri = 10°25'29 Julian Calendar 1 May 1036 == Greg. Calendar 7 May 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

JUNE 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 0 53	15♊35'38	6♌16	24♉31	17♊21	6♎19	1°R35	21♌12	6♌53	17♓12	22°R51	12°R55	11♉36	25♑23	10♓ 1	T 1
W 2	17 4 49	16°32'50	20°51	25°59	18°34	6°36	1♒32	21°17	6°56	17°13	22♑50	12♉52	11°32	25°29	10° 2	W 2
T 3	17 8 46	17°30'01	5♍ 7	27°30	19°48	6°54	1°28	21°21	6°58	17°13	22°49	12°50	11°29	25°36	10° 2	T 3
F 4	17 12 42	18°27'12	19° 3	29° 5	21° 2	7°12	1°25	21°26	7° 1	17°13	22°48	12°D49	11°26	25°43	10° 2	F 4
S 5	17 16 39	19°24'22	2♎37	0♊43	22°16	7°30	1°21	21°31	7° 4	17°14	22°47	12°50	11°23	25°50	10° 2	S 5
S 6	17 20 35	20°21'32	15°52	2°24	23°29	7°49	1°17	21°36	7° 7	17°14	22°46	12°51	11°20	25°56	10° 2	S 6
M 7	17 24 32	21°18'41	28°49	4° 7	24°43	8° 9	1°13	21°40	7° 9	17°14	22°45	12°53	11°17	26° 3	10°R 2	M 7
T 8	17 28 28	22°15'50	11♏31	5°54	25°57	8°29	1° 8	21°45	7°12	17°14	22°43	12°R53	11°13	26°10	10° 2	T 8
W 9	17 32 25	23°12'59	24° 1	7°44	27°10	8°49	1° 4	21°50	7°15	17°15	22°42	12°53	11°10	26°16	10° 2	W 9
T 10	17 36 22	24°10'07	6♐20	9°37	28°24	9°10	0°59	21°56	7°18	17°15	22°41	12°50	11° 7	26°23	10° 2	T 10
F 11	17 40 18	25° 7'15	18°31	11°32	29°38	9°32	0°54	22° 1	7°21	17°15	22°40	12°46	11° 4	26°30	10° 2	F 11
S 12	17 44 15	26° 4'23	0♑35	13°29	0♋52	9°53	0°49	22° 6	7°24	17°15	22°39	12°40	11° 1	26°37	10° 2	S 12
S 13	17 48 11	27° 1'31	12°33	15°29	2° 5	10°16	0°44	22°11	7°27	17°15	22°37	12°32	10°58	26°43	10° 1	S 13
M14	17 52 8	27°58'40	24°27	17°32	3°19	10°38	0°39	22°17	7°30	17°R15	22°36	12°24	10°54	26°50	10° 1	M14
T 15	17 56 4	28°55'48	6♒20	19°36	4°33	11° 1	0°34	22°22	7°33	17°15	22°35	12°15	10°51	26°57	10° 1	T 15
W16	18 0 1	29°52'57	18°12	21°41	5°46	11°25	0°28	22°27	7°36	17°15	22°34	12° 8	10°48	27° 3	10° 0	W16
T 17	18 3 57	0♋50'06	0♓ 8	23°48	7° 0	11°48	0°22	22°33	7°39	17°15	22°32	12° 2	10°45	27°10	10° 0	T 17
F 18	18 7 54	1°47'15	12°10	25°56	8°14	12°13	0°16	22°39	7°43	17°15	22°31	11°58	10°42	27°17	9°59	F 18
S 19	18 11 51	2°44'25	24°23	28° 5	9°28	12°37	0°10	22°44	7°46	17°15	22°30	11°56	10°38	27°24	9°58	S 19
S 20	18 15 47	3°41'35	6♈51	0♋14	10°42	13° 2	0° 4	22°50	7°49	17°15	22°29	11°D56	10°35	27°30	9°58	S 20
M21	18 19 44	4°38'45	19°39	2°24	11°55	13°28	29♑58	22°56	7°52	17°14	22°27	11°56	10°32	27°37	9°57	M21
T 22	18 23 40	5°35'57	2♉50	4°33	13° 9	13°53	29°52	23° 2	7°55	17°14	22°26	11°57	10°29	27°44	9°56	T 22
W23	18 27 37	6°33'09	16°29	6°42	14°23	14°19	29°45	23° 8	7°59	17°14	22°25	11°R57	10°26	27°51	9°55	W23
T 24	18 31 33	7°30'21	0♊36	8°51	15°37	14°46	29°39	23°14	8° 2	17°14	22°23	11°56	10°23	27°57	9°54	T 24
F 25	18 35 30	8°27'34	15° 9	10°58	16°50	15°13	29°32	23°20	8° 5	17°13	22°22	11°52	10°19	28° 4	9°54	F 25
S 26	18 39 26	9°24'48	0♋ 5	13° 5	18° 4	15°40	29°25	23°26	8° 9	17°13	22°21	11°47	10°16	28°11	9°53	S 26
S 27	18 43 23	10°22'02	15°16	15°10	19°18	16° 7	29°18	23°32	8°12	17°13	22°19	11°39	10°13	28°17	9°52	S 27
M28	18 47 20	11°19'17	0♌30	17°14	20°32	16°35	29°11	23°38	8°16	17°12	22°18	11°30	10°10	28°24	9°50	M28
T 29	18 51 16	12°16'32	15°38	19°17	21°46	17° 3	29° 4	23°44	8°19	17°12	22°16	11°22	10° 7	28°31	9°49	T 29
W30	18 55 13	13♋13'48	0♍30	21♋18	23♋ 0	17♎32	28♑57	23♌51	8♌22	17♓11	22♑15	11♉14	10♉ 4	28♑38	9♓48	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n47	23n48	5n10	16n43	2s21	23n15	0n17	2s41	0s11	20s31	0s37	16n 2	1n37	19n17	0n39	6s16	1s18	26s 6	4s33	15n48	15n23	26s 2	2s56	5n18
W 2	22 53	19 29	5 9	17 15	2 10	23 24	0 20	2 50	0 12	20 32	0 37	16 0	1 37	19 16	0 39	6 16	1 18	26 6	4 33	15 47	15 22	26 1	2 56	5 19
T 3	22 59	14 9	4 49	17 46	2 0	23 32	0 22	2 58	0 14	20 33	0 37	15 59	1 37	19 15	0 39	6 16	1 18	26 6	4 33	15 46	15 22	26 0	2 55	5 19
F 4	23 4	8 13	4 12	18 18	1 49	23 40	0 24	3 7	0 16	20 34	0 38	15 57	1 37	19 14	0 39	6 16	1 18	26 7	4 33	15 46	15 21	25 59	2 55	5 19
S 5	23 8	2 2	3 22	18 49	1 37	23 47	0 26	3 16	0 18	20 35	0 38	15 56	1 36	19 14	0 39	6 16	1 18	26 7	4 33	15 46	15 20	25 58	2 55	5 19
S 6	23 13	4s 6	2 22	19 21	1 26	23 53	0 29	3 25	0 19	20 36	0 38	15 54	1 36	19 13	0 39	6 16	1 18	26 7	4 33	15 47	15 19	25 57	2 55	5 20
M 7	23 17	9 56	1 16	19 52	1 14	23 59	0 31	3 34	0 21	20 37	0 38	15 52	1 36	19 12	0 39	6 16	1 18	26 8	4 34	15 47	15 18	25 55	2 54	5 20
T 8	23 20	15 15	0 7	20 23	1 2	24 3	0 33	3 44	0 23	20 38	0 38	15 51	1 36	19 12	0 39	6 16	1 18	26 8	4 34	15 47	15 17	25 54	2 54	5 20
W 9	23 23	19 51	1s 0	20 53	0 50	24 7	0 35	3 53	0 24	20 39	0 39	15 49	1 36	19 11	0 39	6 16	1 18	26 8	4 34	15 47	15 16	25 53	2 54	5 21
T 10	23 26	23 31	2 4	21 23	0 38	24 11	0 38	4 3	0 26	20 41	0 39	15 47	1 36	19 10	0 39	6 16	1 18	26 9	4 34	15 46	15 15	25 52	2 54	5 21
F 11	23 29	26 4	3 1	21 51	0 27	24 14	0 40	4 13	0 27	20 42	0 39	15 46	1 36	19 9	0 39	6 16	1 18	26 9	4 34	15 45	15 14	25 51	2 54	5 21
S 12	23 30	27 23	3 49	22 18	0 15	24 16	0 42	4 23	0 29	20 43	0 39	15 44	1 36	19 8	0 39	6 16	1 18	26 10	4 34	15 43	15 13	25 50	2 53	5 21
S 13	23 32	27 24	4 27	22 43	0 3	24 17	0 44	4 33	0 30	20 45	0 40	15 42	1 36	19 8	0 39	6 16	1 18	26 10	4 34	15 41	15 12	25 49	2 53	5 22
M14	23 33	26 8	4 52	23 6	0n 8	24 17	0 46	4 43	0 32	20 46	0 40	15 40	1 36	19 7	0 39	6 16	1 18	26 10	4 35	15 38	15 11	25 48	2 53	5 22
T 15	23 34	23 43	5 5	23 28	0 19	24 17	0 48	4 54	0 33	20 47	0 40	15 38	1 36	19 6	0 39	6 16	1 18	26 11	4 35	15 36	15 10	25 47	2 53	5 22
W16	23 34	20 17	5 5	23 47	0 29	24 16	0 50	5 4	0 35	20 49	0 40	15 36	1 36	19 5	0 39	6 16	1 18	26 11	4 35	15 33	15 9	25 45	2 53	5 22
T 17	23 34	16 2	4 52	24 4	0 39	24 15	0 52	5 15	0 36	20 50	0 40	15 35	1 36	19 4	0 39	6 16	1 18	26 11	4 35	15 32	15 8	25 44	2 53	5 23
F 18	23 33	11 7	4 26	24 19	0 49	24 12	0 54	5 26	0 37	20 52	0 41	15 33	1 36	19 4	0 39	6 16	1 18	26 12	4 35	15 30	15 7	25 43	2 53	5 23
S 19	23 32	5 43	3 47	24 31	0 58	24 9	0 56	5 36	0 39	20 53	0 41	15 31	1 36	19 3	0 38	6 16	1 18	26 12	4 35	15 30	15 6	25 42	2 53	5 23
S 20	23 31	0n 1	2 57	24 40	1 6	24 5	0 58	5 47	0 40	20 55	0 41	15 29	1 35	19 2	0 38	6 16	1 19	26 12	4 35	15 30	15 5	25 41	2 53	5 23
M21	23 29	5 55	1 57	24 46	1 14	24 1	0 59	5 59	0 41	20 56	0 41	15 27	1 35	19 1	0 38	6 16	1 19	26 13	4 35	15 30	15 4	25 40	2 53	5 23
T 22	23 27	11 45	0 49	24 50	1 20	23 56	1 1	6 10	0 43	20 58	0 41	15 25	1 35	19 0	0 38	6 16	1 19	26 13	4 36	15 30	15 3	25 38	2 53	5 24
W23	23 24	17 14	0n24	24 50	1 27	23 50	1 3	6 21	0 44	20 59	0 42	15 23	1 35	18 59	0 38	6 17	1 19	26 13	4 36	15 30	15 2	25 37	2 53	5 24
T 24	23 21	21 59	1 38	24 48	1 32	23 43	1 4	6 33	0 45	21 1	0 42	15 21	1 35	18 58	0 38	6 17	1 19	26 14	4 36	15 30	15 1	25 36	2 53	5 24
F 25	23 18	25 31	2 48	24 43	1 37	23 35	1 6	6 44	0 47	21 2	0 42	15 19	1 35	18 58	0 38	6 17	1 19	26 14	4 36	15 29	15 0	25 35	2 54	5 24
S 26	23 14	27 22	3 48	24 35	1 41	23 27	1 8	6 56	0 48	21 4	0 42	15 17	1 35	18 57	0 38	6 17	1 19	26 14	4 36	15 27	14 59	25 34	2 54	5 25
S 27	23 10	27 12	4 33	24 25	1 44	23 19	1 9	7 8	0 49	21 6	0 42	15 15	1 35	18 56	0 38	6 17	1 19	26 15	4 36	15 24	14 58	25 32	2 54	5 25
M28	23 5	25 0	4 58	24 12	1 46	23 9	1 11	7 19	0 50	21 7	0 43	15 12	1 35	18 55	0 38	6 17	1 19	26 15	4 36	15 22	14 57	25 31	2 54	5 25
T 29	23 0	21 3	5 3	23 57	1 48	22 59	1 12	7 31	0 51	21 9	0 43	15 10	1 35	18 54	0 38	6 18	1 19	26 15	4 36	15 19	14 56	25 30	2 54	5 25
W30	22n54	15n49	4n47	23n40	1n49	22n48	1n14	7s43	0s52	21s11	0s43	15n 8	1n35	18n53	0n38	6s18	1s19	26s16	4s36	15n17	14n55	25s29	2s55	5n26

Julian Day Number = 2099608.5, Delta T = 21m37s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'33, Lahiri = 10°25'33 Julian Calendar 1 June 1036 == Greg. Calendar 7 June 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

JULY 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 59 9	14♋11'03	14♍59	23♋18	24♋13	18♎ 1	28°R50	23♌57	8♌26	17°R11	22°R14	11°R 9	10♉ 0	28♑44	9°R47	T 1
F 2	19 3 6	15° 8'19	29° 1	25°16	25°27	18°30	28♑42	24° 3	8°29	17♓10	22♑12	11♉ 6	9°57	28°51	9♓46	F 2
S 3	19 7 2	16° 5'36	12♎36	27°13	26°41	18°59	28°35	24°10	8°33	17°10	22°11	11°D 5	9°54	28°58	9°44	S 3
S 4	19 10 59	17° 2'52	25°47	29° 7	27°55	19°29	28°28	24°16	8°36	17° 9	22°10	11° 5	9°51	29° 4	9°43	S 4
M 5	19 14 55	18° 0'09	8♏36	1♌ 0	29° 9	19°59	28°20	24°23	8°40	17° 8	22° 8	11°R 5	9°48	29°11	9°42	M 5
T 6	19 18 52	18°57'27	21° 7	2°52	0♌23	20°29	28°13	24°29	8°44	17° 8	22° 7	11° 5	9°44	29°18	9°40	T 6
W 7	19 22 49	19°54'45	3♐25	4°41	1°36	20°59	28° 5	24°36	8°47	17° 7	22° 5	11° 3	9°41	29°25	9°39	W 7
T 8	19 26 45	20°52'04	15°33	6°29	2°50	21°30	27°57	24°43	8°51	17° 6	22° 4	10°58	9°38	29°31	9°37	T 8
F 9	19 30 42	21°49'24	27°34	8°16	4° 4	22° 1	27°50	24°49	8°54	17° 5	22° 3	10°51	9°35	29°38	9°35	F 9
S 10	19 34 38	22°46'44	9♑31	10° 0	5°18	22°33	27°42	24°56	8°58	17° 5	22° 1	10°41	9°32	29°45	9°34	S 10
S 11	19 38 35	23°44'05	21°24	11°43	6°32	23° 4	27°34	25° 3	9° 2	17° 4	22° 0	10°29	9°29	29°52	9°32	S 11
M12	19 42 31	24°41'27	3♒17	13°24	7°46	23°36	27°26	25°10	9° 5	17° 3	21°58	10°16	9°25	29°58	9°30	M12
T 13	19 46 28	25°38'50	15°10	15° 4	8°59	24° 8	27°19	25°17	9° 9	17° 2	21°57	10° 3	9°22	0♒ 5	9°29	T 13
W14	19 50 25	26°36'14	27° 5	16°42	10°13	24°40	27°11	25°23	9°12	17° 1	21°56	9°51	9°19	0°12	9°27	W14
T 15	19 54 21	27°33'39	9♓ 3	18°18	11°27	25°13	27° 3	25°30	9°16	17° 0	21°54	9°41	9°16	0°18	9°25	T 15
F 16	19 58 18	28°31'05	21° 8	19°52	12°41	25°46	26°55	25°37	9°20	16°59	21°53	9°33	9°13	0°25	9°23	F 16
S 17	20 2 14	29°28'33	3♈22	21°25	13°55	26°19	26°47	25°44	9°23	16°58	21°51	9°28	9°10	0°32	9°21	S 17
S 18	20 6 11	0♌26'02	15°50	22°56	15° 9	26°52	26°40	25°51	9°27	16°57	21°50	9°26	9° 6	0°39	9°19	S 18
M19	20 10 7	1°23'32	28°34	24°26	16°22	27°25	26°32	25°58	9°31	16°56	21°49	9°D25	9° 3	0°45	9°17	M19
T 20	20 14 4	2°21'04	11♉40	25°54	17°36	27°59	26°24	26° 6	9°35	16°55	21°47	9°R25	9° 0	0°52	9°15	T 20
W21	20 18 0	3°18'37	25°12	27°20	18°50	28°33	26°16	26°13	9°38	16°54	21°46	9°25	8°57	0°59	9°13	W21
T 22	20 21 57	4°16'12	9♊11	28°45	20° 4	29° 7	26° 9	26°20	9°42	16°53	21°45	9°23	8°54	1° 5	9°11	T 22
F 23	20 25 54	5°13'48	23°39	0♍ 7	21°18	29°42	26° 1	26°27	9°46	16°52	21°43	9°18	8°50	1°12	9° 9	F 23
S 24	20 29 50	6°11'26	8♋31	1°28	22°32	0♏16	25°53	26°34	9°49	16°51	21°42	9°11	8°47	1°19	9° 6	S 24
S 25	20 33 47	7° 9'05	23°41	2°47	23°46	0°51	25°46	26°41	9°53	16°50	21°41	9° 1	8°44	1°26	9° 4	S 25
M26	20 37 43	8° 6'46	9♌ 0	4° 5	24°59	1°26	25°38	26°49	9°57	16°49	21°39	8°50	8°41	1°32	9° 2	M26
T 27	20 41 40	9° 4'28	24°16	5°20	26°13	2° 1	25°31	26°56	10° 1	16°47	21°38	8°39	8°38	1°39	9° 0	T 27
W28	20 45 36	10° 2'11	9♍18	6°33	27°27	2°37	25°24	27° 3	10° 4	16°46	21°37	8°30	8°35	1°46	8°57	W28
T 29	20 49 33	10°59'55	23°57	7°45	28°41	3°12	25°16	27°11	10° 8	16°45	21°35	8°23	8°31	1°53	8°55	T 29
F 30	20 53 29	11°57'41	8♎ 8	8°54	29°55	3°48	25° 9	27°18	10°12	16°44	21°34	8°18	8°28	1°59	8°53	F 30
S 31	20 57 26	12♌55'27	21♎49	10♍ 1	1♍ 9	4♏24	25♑ 2	27♌25	10♌16	16♓42	21♑33	8♉16	8♉25	2♒ 6	8♓50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n48	9n50	4n13	23n21	1n50	22n37	1n15	7s55	0s54	21s12	0s43	15n 6	1n35	18n52	0n38	6s18	1s19	26s16	4s37	15n15	14n54	25s27	2s55	5n26
F 2	22 42	3 31	3 24	22 59	1 49	22 24	1 16	8 8	0 55	21 14	0 43	15 4	1 35	18 51	0 38	6 18	1 19	26 16	4 37	15 14	14 53	25 26	2 55	5 26
S 3	22 35	2s46	2 26	22 36	1 49	22 12	1 17	8 20	0 56	21 16	0 44	15 2	1 35	18 50	0 38	6 19	1 19	26 17	4 37	15 14	14 52	25 25	2 55	5 26
S 4	22 28	8 46	1 21	22 11	1 47	21 58	1 18	8 32	0 57	21 17	0 44	14 59	1 35	18 49	0 38	6 19	1 19	26 17	4 37	15 14	14 51	25 24	2 56	5 26
M 5	22 21	14 14	0 13	21 45	1 45	21 44	1 20	8 45	0 58	21 19	0 44	14 57	1 35	18 48	0 38	6 19	1 19	26 17	4 37	15 14	14 50	25 22	2 56	5 27
T 6	22 13	18 59	0s53	21 17	1 42	21 29	1 21	8 57	0 59	21 21	0 44	14 55	1 35	18 47	0 38	6 20	1 19	26 18	4 37	15 14	14 49	25 21	2 56	5 27
W 7	22 5	22 51	1 56	20 48	1 39	21 14	1 22	9 9	1 0	21 23	0 44	14 53	1 35	18 46	0 38	6 20	1 19	26 18	4 37	15 13	14 48	25 20	2 57	5 27
T 8	21 56	25 38	2 52	20 17	1 35	20 58	1 23	9 22	1 1	21 24	0 44	14 51	1 35	18 46	0 38	6 20	1 19	26 18	4 37	15 12	14 47	25 18	2 57	5 27
F 9	21 47	27 13	3 40	19 46	1 31	20 41	1 23	9 35	1 2	21 26	0 45	14 48	1 35	18 45	0 38	6 21	1 19	26 19	4 37	15 9	14 46	25 17	2 58	5 27
S 10	21 38	27 31	4 18	19 13	1 27	20 24	1 24	9 47	1 3	21 28	0 45	14 46	1 35	18 44	0 38	6 21	1 20	26 19	4 37	15 6	14 45	25 16	2 58	5 28
S 11	21 28	26 32	4 44	18 40	1 21	20 7	1 25	10 0	1 4	21 29	0 45	14 44	1 35	18 43	0 38	6 21	1 20	26 19	4 37	15 3	14 44	25 14	2 58	5 28
M12	21 18	24 21	4 58	18 6	1 16	19 48	1 26	10 13	1 5	21 31	0 45	14 41	1 35	18 42	0 38	6 22	1 20	26 20	4 38	14 58	14 42	25 13	2 59	5 28
T 13	21 8	21 8	4 59	17 31	1 10	19 29	1 26	10 25	1 6	21 33	0 45	14 39	1 35	18 41	0 38	6 22	1 20	26 20	4 38	14 54	14 41	25 12	2 59	5 28
W14	20 57	17 2	4 47	16 56	1 4	19 10	1 27	10 38	1 7	21 34	0 45	14 37	1 35	18 40	0 38	6 22	1 20	26 20	4 38	14 51	14 40	25 10	3 0	5 28
T 15	20 46	12 16	4 22	16 20	0 57	18 50	1 27	10 51	1 7	21 36	0 45	14 34	1 35	18 39	0 38	6 23	1 20	26 20	4 38	14 47	14 39	25 9	3 1	5 28
F 16	20 34	6 59	3 46	15 43	0 50	18 30	1 28	11 4	1 8	21 38	0 46	14 32	1 35	18 38	0 38	6 23	1 20	26 21	4 38	14 45	14 38	25 8	3 1	5 29
S 17	20 22	1 23	2 58	15 7	0 43	18 9	1 28	11 17	1 9	21 39	0 46	14 29	1 35	18 37	0 38	6 24	1 20	26 21	4 38	14 43	14 37	25 6	3 2	5 29
S 18	20 10	4n24	2 1	14 30	0 35	17 47	1 28	11 30	1 10	21 41	0 46	14 27	1 35	18 36	0 38	6 24	1 20	26 21	4 38	14 43	14 36	25 5	3 2	5 29
M19	19 57	10 8	0 57	13 53	0 27	17 25	1 29	11 43	1 11	21 43	0 46	14 25	1 35	18 35	0 38	6 25	1 20	26 22	4 38	14 42	14 35	25 4	3 3	5 29
T 20	19 44	15 36	0n12	13 15	0 19	17 3	1 29	11 56	1 12	21 44	0 46	14 22	1 35	18 34	0 38	6 25	1 20	26 22	4 38	14 42	14 34	25 2	3 3	5 29
W21	19 31	20 30	1 22	12 38	0 11	16 40	1 29	12 9	1 12	21 46	0 46	14 20	1 35	18 33	0 38	6 25	1 20	26 22	4 38	14 42	14 33	25 1	3 4	5 29
T 22	19 18	24 25	2 30	12 0	0 2	16 16	1 29	12 22	1 13	21 47	0 46	14 17	1 35	18 32	0 38	6 26	1 20	26 22	4 38	14 42	14 32	24 59	3 5	5 30
F 23	19 4	26 55	3 31	11 23	0s 7	15 53	1 29	12 35	1 14	21 49	0 46	14 15	1 35	18 31	0 38	6 26	1 20	26 23	4 38	14 40	14 31	24 58	3 5	5 30
S 24	18 49	27 36	4 19	10 46	0 16	15 28	1 29	12 48	1 15	21 50	0 46	14 12	1 35	18 30	0 38	6 27	1 20	26 23	4 38	14 38	14 30	24 57	3 6	5 30
S 25	18 35	26 14	4 50	10 9	0 25	15 4	1 29	13 1	1 16	21 52	0 47	14 10	1 35	18 29	0 38	6 27	1 20	26 23	4 38	14 35	14 29	24 55	3 7	5 30
M26	18 20	22 55	5 0	9 32	0 34	14 39	1 28	13 14	1 16	21 53	0 47	14 7	1 35	18 28	0 38	6 28	1 20	26 24	4 38	14 31	14 28	24 54	3 8	5 30
T 27	18 5	18 2	4 49	8 55	0 44	14 13	1 28	13 26	1 17	21 55	0 47	14 5	1 35	18 27	0 38	6 28	1 20	26 24	4 38	14 28	14 27	24 52	3 8	5 30
W28	17 49	12 7	4 18	8 19	0 54	13 47	1 28	13 39	1 18	21 56	0 47	14 2	1 35	18 26	0 38	6 29	1 20	26 24	4 38	14 25	14 26	24 51	3 9	5 30
T 29	17 34	5 39	3 31	7 44	1 4	13 21	1 27	13 52	1 18	21 58	0 47	14 0	1 35	18 25	0 38	6 29	1 20	26 24	4 39	14 22	14 25	24 49	3 10	5 30
F 30	17 18	0s55	2 32	7 9	1 13	12 55	1 27	14 5	1 19	21 59	0 47	13 57	1 35	18 24	0 38	6 30	1 20	26 25	4 39	14 21	14 24	24 48	3 11	5 31
S 31	17n 1	7s13	1n26	6n34	1s24	12n28	1n26	14s18	1s20	22s 1	0s47	13n55	1n35	18n23	0n38	6s30	1s20	26s25	4s39	14n20	14n23	24s46	3s11	5n31

Julian Day Number = 2099638.5, Delta T = 21m37s
Ecliptic obliquity = 23°33'57, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'37, Lahiri = 10°25'37 Julian Calendar 1 July 1036 == Greg. Calendar 7 July 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

AUGUST 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 1 23	13♌53'15	5♏ 3	11♍ 5	2♍22	5♏ 0	24°R55	27♌33	10♌19	16°R41	21°R31	8°R15	8♉22	2♒13	8°R48	S 1
M 2	21 5 19	14°51'04	17°52	12° 8	3°36	5°37	24♑48	27°40	10°23	16♓40	21♑30	8♉15	8°19	2°19	8♓45	M 2
T 3	21 9 16	15°48'55	0♐21	13° 7	4°50	6°13	24°41	27°48	10°27	16°38	21°29	8°14	8°16	2°26	8°43	T 3
W 4	21 13 12	16°46'46	12°35	14° 4	6° 4	6°50	24°35	27°55	10°30	16°37	21°28	8°12	8°12	2°33	8°40	W 4
T 5	21 17 9	17°44'39	24°37	14°58	7°18	7°27	24°28	28° 2	10°34	16°36	21°26	8° 8	8° 9	2°40	8°38	T 5
F 6	21 21 5	18°42'34	6♑33	15°49	8°32	8° 4	24°22	28°10	10°38	16°34	21°25	8° 0	8° 6	2°46	8°35	F 6
S 7	21 25 2	19°40'30	18°26	16°37	9°45	8°41	24°15	28°17	10°42	16°33	21°24	7°50	8° 3	2°53	8°33	S 7
S 8	21 28 58	20°38'27	0♒18	17°22	10°59	9°19	24° 9	28°25	10°45	16°31	21°23	7°38	8° 0	3° 0	8°30	S 8
M 9	21 32 55	21°36'26	12°12	18° 3	12°13	9°56	24° 3	28°32	10°49	16°30	21°22	7°25	7°56	3° 7	8°27	M 9
T 10	21 36 52	22°34'26	24° 8	18°40	13°27	10°34	23°57	28°40	10°53	16°28	21°20	7°11	7°53	3°13	8°25	T 10
W11	21 40 48	23°32'28	6♓ 9	19°13	14°40	11°12	23°51	28°47	10°56	16°27	21°19	6°59	7°50	3°20	8°22	W11
T 12	21 44 45	24°30'32	18°15	19°41	15°54	11°50	23°45	28°55	11° 0	16°25	21°18	6°48	7°47	3°27	8°19	T 12
F 13	21 48 41	25°28'38	0♈28	20° 5	17° 8	12°28	23°40	29° 2	11° 4	16°24	21°17	6°41	7°44	3°33	8°17	F 13
S 14	21 52 38	26°26'45	12°50	20°24	18°22	13° 7	23°34	29°10	11° 7	16°22	21°16	6°36	7°41	3°40	8°14	S 14
S 15	21 56 34	27°24'54	25°23	20°38	19°35	13°45	23°29	29°17	11°11	16°21	21°15	6°33	7°37	3°47	8°11	S 15
M16	22 0 31	28°23'06	8♉11	20°47	20°49	14°24	23°24	29°25	11°14	16°19	21°14	6°D33	7°34	3°54	8° 9	M16
T 17	22 4 27	29°21'20	21°17	20°R49	22° 3	15° 3	23°19	29°32	11°18	16°18	21°13	6°33	7°31	4° 0	8° 6	T 17
W18	22 8 24	0♍19'35	4♊44	20°46	23°17	15°42	23°14	29°40	11°22	16°16	21°12	6°R33	7°28	4° 7	8° 3	W18
T 19	22 12 21	1°17'53	18°35	20°36	24°30	16°21	23° 9	29°47	11°25	16°14	21°11	6°32	7°25	4°14	8° 0	T 19
F 20	22 16 17	2°16'14	2♋49	20°20	25°44	17° 0	23° 5	29°55	11°29	16°13	21°10	6°29	7°22	4°20	7°58	F 20
S 21	22 20 14	3°14'36	17°27	19°57	26°58	17°40	23° 1	0♍ 2	11°32	16°11	21° 9	6°23	7°18	4°27	7°55	S 21
S 22	22 24 10	4°13'00	2♌23	19°28	28°11	18°19	22°56	0°10	11°36	16°10	21° 8	6°15	7°15	4°34	7°52	S 22
M23	22 28 7	5°11'27	17°29	18°52	29°25	18°59	22°52	0°18	11°39	16° 8	21° 7	6° 6	7°12	4°41	7°49	M23
T 24	22 32 3	6° 9'55	2♍36	18°10	0♎39	19°39	22°49	0°25	11°43	16° 6	21° 6	5°57	7° 9	4°47	7°47	T 24
W25	22 36 0	7° 8'25	17°34	17°22	1°52	20°19	22°45	0°33	11°46	16° 5	21° 5	5°49	7° 6	4°54	7°44	W25
T 26	22 39 56	8° 6'57	2♎14	16°29	3° 6	20°59	22°42	0°40	11°50	16° 3	21° 4	5°43	7° 2	5° 1	7°41	T 26
F 27	22 43 53	9° 5'31	16°28	15°31	4°20	21°40	22°38	0°48	11°53	16° 1	21° 3	5°39	6°59	5° 8	7°38	F 27
S 28	22 47 50	10° 4'07	0♏15	14°30	5°33	22°20	22°35	0°55	11°57	16° 0	21° 3	5°D37	6°56	5°14	7°35	S 28
S 29	22 51 46	11° 2'45	13°34	13°26	6°47	23° 0	22°32	1° 2	12° 0	15°58	21° 2	5°37	6°53	5°21	7°33	S 29
M30	22 55 43	12° 1'24	26°28	12°22	8° 0	23°41	22°30	1°10	12° 3	15°56	21° 1	5°38	6°50	5°28	7°30	M30
T 31	22 59 39	13♍ 0'05	8♐59	11♍19	9♎14	24♏22	22♑27	1♍17	12♌ 7	15♓55	21♑ 0	5°R39	6♉47	5♒34	7♓27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n45	13s 1	0n17	6n 0	1s34	12n 1	1n25	14s31	1s20	22s 2	0s47	13n52	1n35	18n22	0n38	6s31	1s20	26s25	4s39	14n20	14n22	24s45	3s12	5n31
M 2	16 28	18 3	0s51	5 27	1 44	11 33	1 25	14 44	1 21	22 3	0 47	13 50	1 35	18 21	0 38	6 32	1 20	26 25	4 39	14 20	14 21	24 44	3 13	5 31
T 3	16 11	22 11	1 54	4 55	1 54	11 5	1 24	14 57	1 22	22 5	0 47	13 47	1 35	18 20	0 38	6 32	1 20	26 26	4 39	14 20	14 20	24 42	3 14	5 31
W 4	15 53	25 15	2 51	4 24	2 4	10 37	1 23	15 10	1 22	22 6	0 47	13 45	1 35	18 19	0 38	6 33	1 20	26 26	4 39	14 19	14 19	24 41	3 15	5 31
T 5	15 36	27 6	3 39	3 53	2 14	10 9	1 22	15 22	1 23	22 7	0 47	13 42	1 35	18 18	0 38	6 33	1 21	26 26	4 39	14 17	14 18	24 39	3 16	5 31
F 6	15 18	27 41	4 17	3 24	2 24	9 40	1 21	15 35	1 23	22 8	0 48	13 40	1 35	18 17	0 38	6 34	1 21	26 26	4 39	14 15	14 17	24 37	3 17	5 31
S 7	15 0	26 58	4 43	2 57	2 34	9 11	1 20	15 48	1 24	22 10	0 48	13 37	1 35	18 16	0 38	6 34	1 21	26 26	4 39	14 12	14 16	24 36	3 17	5 31
S 8	14 41	25 2	4 58	2 30	2 44	8 42	1 19	16 0	1 25	22 11	0 48	13 34	1 35	18 15	0 38	6 35	1 21	26 27	4 39	14 8	14 15	24 34	3 18	5 31
M 9	14 23	22 1	4 59	2 5	2 54	8 12	1 18	16 13	1 25	22 12	0 48	13 32	1 35	18 14	0 38	6 36	1 21	26 27	4 39	14 3	14 14	24 33	3 19	5 31
T 10	14 4	18 3	4 47	1 42	3 3	7 43	1 16	16 25	1 26	22 13	0 48	13 29	1 35	18 13	0 38	6 36	1 21	26 27	4 39	13 59	14 13	24 31	3 20	5 31
W11	13 45	13 22	4 23	1 21	3 12	7 13	1 15	16 38	1 26	22 14	0 48	13 27	1 35	18 12	0 38	6 37	1 21	26 27	4 39	13 55	14 12	24 30	3 21	5 31
T 12	13 25	8 8	3 46	1 1	3 21	6 43	1 14	16 50	1 27	22 15	0 48	13 24	1 35	18 11	0 38	6 37	1 21	26 27	4 39	13 52	14 11	24 28	3 22	5 31
F 13	13 6	2 33	2 59	0 44	3 30	6 13	1 12	17 3	1 27	22 16	0 48	13 21	1 35	18 10	0 38	6 38	1 21	26 28	4 39	13 49	14 10	24 27	3 23	5 31
S 14	12 46	3n13	2 2	0 29	3 38	5 42	1 11	17 15	1 28	22 17	0 48	13 19	1 35	18 9	0 38	6 39	1 21	26 28	4 39	13 47	14 9	24 25	3 24	5 31
S 15	12 26	8 57	0 59	0 17	3 45	5 12	1 9	17 27	1 28	22 18	0 48	13 16	1 35	18 8	0 38	6 39	1 21	26 28	4 39	13 47	14 8	24 24	3 25	5 32
M16	12 6	14 27	0n 9	0 7	3 52	4 41	1 7	17 39	1 29	22 19	0 48	13 14	1 35	18 7	0 38	6 40	1 21	26 28	4 39	13 46	14 7	24 22	3 26	5 32
T 17	11 46	19 26	1 18	0 1	3 58	4 11	1 6	17 51	1 29	22 20	0 48	13 11	1 36	18 6	0 39	6 41	1 21	26 28	4 39	13 47	14 6	24 20	3 27	5 32
W18	11 25	23 33	2 24	0s 3	4 3	3 40	1 4	18 3	1 29	22 21	0 48	13 8	1 36	18 5	0 39	6 41	1 21	26 28	4 39	13 47	14 4	24 19	3 28	5 32
T 19	11 4	26 28	3 24	0 3	4 7	3 9	1 2	18 15	1 30	22 21	0 48	13 6	1 36	18 4	0 39	6 42	1 21	26 29	4 39	13 46	14 3	24 17	3 29	5 32
F 20	10 43	27 45	4 13	0n 1	4 10	2 37	1 0	18 27	1 30	22 22	0 48	13 3	1 36	18 3	0 39	6 42	1 21	26 29	4 39	13 45	14 2	24 16	3 30	5 32
S 21	10 22	27 10	4 47	0 8	4 12	2 6	0 58	18 38	1 31	22 23	0 48	13 1	1 36	18 2	0 39	6 43	1 21	26 29	4 39	13 43	14 1	24 14	3 31	5 32
S 22	10 1	24 39	5 3	0 19	4 13	1 35	0 56	18 50	1 31	22 24	0 48	12 58	1 36	18 1	0 39	6 44	1 21	26 29	4 39	13 41	14 0	24 12	3 32	5 31
M23	9 39	20 24	4 58	0 34	4 12	1 4	0 54	19 1	1 31	22 24	0 48	12 55	1 36	18 0	0 39	6 44	1 21	26 29	4 39	13 38	13 59	24 11	3 33	5 31
T 24	9 18	14 49	4 32	0 53	4 9	0 32	0 52	19 13	1 32	22 25	0 48	12 53	1 36	17 59	0 39	6 45	1 21	26 29	4 39	13 35	13 58	24 9	3 34	5 31
W25	8 56	8 25	3 47	1 16	4 4	0 1	0 50	19 24	1 32	22 26	0 48	12 50	1 36	17 58	0 39	6 46	1 21	26 29	4 39	13 32	13 57	24 7	3 35	5 31
T 26	8 34	1 41	2 49	1 43	3 58	0s31	0 48	19 35	1 32	22 26	0 48	12 48	1 36	17 57	0 39	6 46	1 21	26 30	4 39	13 30	13 56	24 6	3 36	5 31
F 27	8 12	4s58	1 41	2 13	3 49	1 2	0 45	19 46	1 33	22 27	0 48	12 45	1 36	17 56	0 39	6 47	1 21	26 30	4 39	13 28	13 55	24 4	3 37	5 31
S 28	7 50	11 10	0 29	2 46	3 39	1 33	0 43	19 57	1 33	22 27	0 48	12 42	1 36	17 55	0 39	6 48	1 21	26 30	4 39	13 28	13 54	24 3	3 39	5 31
S 29	7 28	16 40	0s43	3 22	3 26	2 5	0 41	20 8	1 33	22 28	0 48	12 40	1 36	17 54	0 39	6 48	1 21	26 30	4 39	13 28	13 53	24 1	3 40	5 31
M30	7 5	21 14	1 49	4 0	3 12	2 36	0 38	20 18	1 34	22 28	0 48	12 37	1 36	17 53	0 39	6 49	1 21	26 30	4 39	13 28	13 52	23 59	3 41	5 31
T 31	6n43	24s42	2s49	4n39	2s56	3s 8	0n36	20s29	1s34	22s29	0s48	12n35	1n37	17n52	0n39	6s50	1s21	26s30	4s39	13n29	13n51	23s57	3s42	5n31

Julian Day Number = 2099669.5, Delta T = 21m37s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'41, Lahiri = 10°25'41 Julian Calendar 1 Aug. 1036 == Greg. Calendar 7 Aug. 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

SEPTEMBER 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 3 36	13♍58'48	21♐14	10°R18	10♎28	25♏ 3	22°R25	1♍25	12♌10	15°R53	21°R 0	5°R39	6♉43	5♒41	7°R24	W 1
T 2	23 7 32	14°57'32	3♑16	9♍21	11°41	25°44	22♑23	1°32	12°13	15♓52	20♑59	5♉37	6°40	5°48	7♓22	T 2
F 3	23 11 29	15°56'19	15°12	8°30	12°55	26°25	22°21	1°40	12°17	15°50	20°58	5°33	6°37	5°55	7°19	F 3
S 4	23 15 25	16°55'07	27° 4	7°45	14° 8	27° 6	22°19	1°47	12°20	15°48	20°58	5°27	6°34	6° 1	7°16	S 4
S 5	23 19 22	17°53'57	8♒56	7° 8	15°22	27°48	22°18	1°54	12°23	15°47	20°57	5°19	6°31	6° 8	7°13	S 5
M 6	23 23 19	18°52'48	20°52	6°40	16°35	28°29	22°16	2° 2	12°26	15°45	20°56	5°10	6°27	6°15	7°11	M 6
T 7	23 27 15	19°51'42	2♓54	6°22	17°49	29°11	22°15	2° 9	12°29	15°43	20°56	5° 2	6°24	6°22	7° 8	T 7
W 8	23 31 12	20°50'38	15° 4	6°D13	19° 2	29°53	22°14	2°16	12°33	15°42	20°55	4°54	6°21	6°28	7° 5	W 8
T 9	23 35 8	21°49'35	27°21	6°15	20°15	0♗35	22°13	2°23	12°36	15°40	20°55	4°47	6°18	6°35	7° 3	T 9
F 10	23 39 5	22°48'35	9♈49	6°27	21°29	1°17	22°13	2°31	12°39	15°38	20°54	4°42	6°15	6°42	7° 0	F 10
S 11	23 43 1	23°47'37	22°26	6°50	22°42	1°59	22°12	2°38	12°42	15°37	20°54	4°39	6°12	6°48	6°57	S 11
S 12	23 46 58	24°46'41	5♉15	7°22	23°56	2°41	22°D12	2°45	12°45	15°35	20°53	4°D39	6° 8	6°55	6°55	S 12
M13	23 50 54	25°45'48	18°16	8° 3	25° 9	3°23	22°12	2°52	12°48	15°33	20°53	4°39	6° 5	7° 2	6°52	M13
T 14	23 54 51	26°44'56	1♊32	8°52	26°22	4° 6	22°12	2°59	12°51	15°32	20°52	4°41	6° 2	7° 9	6°50	T 14
W15	23 58 47	27°44'08	15° 3	9°50	27°36	4°48	22°13	3° 6	12°54	15°30	20°52	4°42	5°59	7°15	6°47	W15
T 16	0 2 44	28°43'21	28°51	10°54	28°49	5°31	22°14	3°13	12°57	15°28	20°52	4°R43	5°56	7°22	6°45	T 16
F 17	0 6 41	29°42'38	12♋56	12° 5	0♏ 2	6°13	22°14	3°21	12°59	15°27	20°51	4°42	5°53	7°29	6°42	F 17
S 18	0 10 37	0♎41'56	27°17	13°22	1°16	6°56	22°15	3°28	13° 2	15°25	20°51	4°40	5°49	7°35	6°40	S 18
S 19	0 14 34	1°41'17	11♌51	14°43	2°29	7°39	22°17	3°34	13° 5	15°24	20°51	4°36	5°46	7°42	6°37	S 19
M20	0 18 30	2°40'40	26°33	16° 9	3°42	8°22	22°18	3°41	13° 8	15°22	20°51	4°32	5°43	7°49	6°35	M20
T 21	0 22 27	3°40'05	11♍17	17°39	4°55	9° 5	22°20	3°48	13°10	15°21	20°50	4°27	5°40	7°56	6°32	T 21
W22	0 26 23	4°39'33	25°56	19°11	6° 9	9°48	22°21	3°55	13°13	15°19	20°50	4°23	5°37	8° 2	6°30	W22
T 23	0 30 20	5°39'02	10♎21	20°46	7°22	10°32	22°23	4° 2	13°16	15°17	20°50	4°20	5°33	8° 9	6°28	T 23
F 24	0 34 16	6°38'34	24°27	22°23	8°35	11°15	22°26	4° 9	13°18	15°16	20°50	4°18	5°30	8°16	6°25	F 24
S 25	0 38 13	7°38'08	8♏11	24° 2	9°48	11°58	22°28	4°15	13°21	15°14	20°50	4°D18	5°27	8°23	6°23	S 25
S 26	0 42 10	8°37'43	21°31	25°41	11° 1	12°42	22°31	4°22	13°23	15°13	20°50	4°19	5°24	8°29	6°21	S 26
M27	0 46 6	9°37'21	4♐28	27°22	12°15	13°26	22°33	4°29	13°26	15°11	20°50	4°20	5°21	8°36	6°19	M27
T 28	0 50 3	10°37'00	17° 3	29° 4	13°28	14° 9	22°36	4°35	13°28	15°10	20°D50	4°22	5°18	8°43	6°16	T 28
W29	0 53 59	11°36'42	29°21	0♎46	14°41	14°53	22°40	4°42	13°31	15° 9	20°50	4°23	5°14	8°49	6°14	W29
T 30	0 57 56	12♎36'25	11♑26	2♎28	15♏54	15♐37	22♑43	4♍48	13♌33	15♓ 7	20♑50	4°R24	5♉11	8♒56	6♓12	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n20	26s56	3s40	5n18	2s39	3s39	0n33	20s39	1s34	22s29	0s48	12n32	1n37	17n51	0n39	6s50	1s21	26s30	4s39	13n28	13n50	23s56	3s43	5n31
T 2	5 57	27 51	4 20	5 56	2 20	4 10	0 31	20 49	1 34	22 29	0 48	12 29	1 37	17 51	0 39	6 51	1 21	26 30	4 39	13 28	13 49	23 54	3 44	5 31
F 3	5 34	27 28	4 48	6 33	2 1	4 41	0 28	20 59	1 35	22 30	0 48	12 27	1 37	17 50	0 39	6 52	1 21	26 30	4 39	13 26	13 48	23 52	3 45	5 31
S 4	5 12	25 49	5 4	7 9	1 41	5 13	0 26	21 9	1 35	22 30	0 48	12 24	1 37	17 49	0 39	6 52	1 21	26 30	4 38	13 24	13 47	23 51	3 46	5 31
S 5	4 48	23 2	5 6	7 41	1 21	5 43	0 23	21 19	1 35	22 30	0 48	12 22	1 37	17 48	0 39	6 53	1 21	26 30	4 38	13 22	13 46	23 49	3 47	5 31
M 6	4 25	19 16	4 56	8 10	1 1	6 14	0 20	21 29	1 35	22 30	0 48	12 19	1 37	17 47	0 39	6 54	1 21	26 31	4 38	13 19	13 45	23 47	3 48	5 30
T 7	4 2	14 43	4 32	8 35	0 42	6 45	0 18	21 38	1 36	22 30	0 48	12 17	1 37	17 46	0 39	6 54	1 21	26 31	4 38	13 16	13 44	23 46	3 49	5 30
W 8	3 39	9 32	3 55	8 55	0 23	7 16	0 15	21 48	1 36	22 31	0 48	12 14	1 37	17 45	0 39	6 55	1 21	26 31	4 38	13 13	13 43	23 44	3 51	5 30
T 9	3 16	3 55	3 8	9 12	0 5	7 46	0 12	21 57	1 36	22 31	0 48	12 12	1 38	17 44	0 39	6 56	1 21	26 31	4 38	13 11	13 41	23 42	3 52	5 30
F 10	2 52	1n55	2 10	9 23	0n12	8 16	0 9	22 6	1 36	22 31	0 48	12 9	1 38	17 44	0 39	6 56	1 21	26 31	4 38	13 9	13 40	23 40	3 53	5 30
S 11	2 29	7 46	1 6	9 29	0 28	8 47	0 7	22 14	1 36	22 31	0 48	12 7	1 38	17 43	0 39	6 57	1 21	26 31	4 38	13 9	13 39	23 39	3 54	5 30
S 12	2 5	13 24	0n 3	9 31	0 43	9 17	0 4	22 23	1 36	22 31	0 48	12 4	1 38	17 42	0 39	6 57	1 21	26 31	4 38	13 8	13 38	23 37	3 55	5 30
M13	1 42	18 32	1 13	9 28	0 56	9 46	0 1	22 31	1 37	22 31	0 48	12 2	1 38	17 41	0 39	6 58	1 21	26 31	4 38	13 8	13 37	23 35	3 56	5 30
T 14	1 18	22 53	2 21	9 20	1 8	10 16	0s 2	22 40	1 37	22 31	0 48	11 59	1 38	17 40	0 39	6 59	1 21	26 31	4 38	13 9	13 36	23 33	3 57	5 29
W15	0 54	26 4	3 22	9 8	1 18	10 45	0 5	22 48	1 37	22 31	0 48	11 57	1 38	17 39	0 39	6 59	1 21	26 31	4 38	13 9	13 35	23 31	3 58	5 29
T 16	0 31	27 46	4 13	8 52	1 28	11 14	0 8	22 56	1 37	22 30	0 48	11 54	1 38	17 39	0 39	7 0	1 21	26 31	4 38	13 10	13 34	23 30	3 59	5 29
F 17	0 7	27 44	4 49	8 32	1 36	11 43	0 11	23 3	1 37	22 30	0 48	11 52	1 38	17 38	0 39	7 1	1 21	26 31	4 38	13 9	13 33	23 28	4 0	5 29
S 18	0s17	25 52	5 9	8 8	1 42	12 12	0 14	23 11	1 37	22 30	0 48	11 49	1 39	17 37	0 39	7 1	1 21	26 31	4 38	13 9	13 32	23 26	4 1	5 29
S 19	0 40	22 16	5 9	7 42	1 47	12 40	0 17	23 18	1 37	22 30	0 48	11 47	1 39	17 36	0 39	7 2	1 21	26 31	4 38	13 7	13 31	23 24	4 2	5 29
M20	1 4	17 15	4 49	7 12	1 52	13 8	0 20	23 25	1 37	22 30	0 48	11 45	1 39	17 36	0 39	7 2	1 21	26 31	4 38	13 6	13 30	23 22	4 4	5 28
T 21	1 28	11 13	4 10	6 40	1 55	13 36	0 23	23 32	1 37	22 29	0 48	11 42	1 39	17 35	0 39	7 3	1 21	26 31	4 38	13 4	13 29	23 21	4 5	5 28
W22	1 52	4 36	3 15	6 6	1 57	14 3	0 26	23 39	1 37	22 29	0 47	11 40	1 39	17 34	0 39	7 4	1 21	26 31	4 38	13 3	13 28	23 19	4 6	5 28
T 23	2 15	2s10	2 7	5 29	1 58	14 30	0 29	23 45	1 37	22 29	0 47	11 37	1 39	17 33	0 39	7 4	1 21	26 31	4 38	13 2	13 27	23 17	4 7	5 28
F 24	2 39	8 42	0 54	4 51	1 58	14 57	0 32	23 51	1 37	22 28	0 47	11 35	1 39	17 33	0 39	7 5	1 21	26 31	4 38	13 1	13 26	23 15	4 8	5 28
S 25	3 3	14 39	0s21	4 11	1 58	15 23	0 35	23 57	1 37	22 28	0 47	11 33	1 40	17 32	0 39	7 5	1 21	26 31	4 38	13 1	13 25	23 13	4 9	5 27
S 26	3 26	19 44	1 33	3 30	1 57	15 49	0 38	24 3	1 37	22 27	0 47	11 30	1 40	17 31	0 40	7 6	1 21	26 31	4 38	13 1	13 23	23 11	4 10	5 27
M27	3 50	23 44	2 38	2 49	1 55	16 15	0 41	24 9	1 37	22 27	0 47	11 28	1 40	17 31	0 40	7 7	1 21	26 31	4 38	13 2	13 22	23 10	4 11	5 27
T 28	4 13	26 29	3 34	2 6	1 53	16 40	0 44	24 14	1 37	22 26	0 47	11 26	1 40	17 30	0 40	7 7	1 21	26 31	4 37	13 3	13 21	23 8	4 12	5 27
W29	4 37	27 52	4 18	1 22	1 50	17 5	0 47	24 19	1 37	22 26	0 47	11 24	1 40	17 29	0 40	7 8	1 21	26 31	4 37	13 3	13 20	23 6	4 13	5 27
T 30	5s 0	27s53	4s50	0n38	1n46	17s29	0s50	24s24	1s37	22s25	0s47	11n21	1n40	17n29	0n40	7s 8	1s21	26s31	4s37	13n 3	13n19	23s 4	4s14	5n26

Julian Day Number = 2099700.5, Delta T = 21m36s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'45, Lahiri = 10°25'46 Julian Calendar 1 Sept. 1036 == Greg. Calendar 7 Sept. 1036

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1036
geocentric

OCTOBER 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 1 52	13♎36'09	23♑22	4♎10	17♏ 7	16♐21	22♑46	4♍55	13♌35	15°R 6	20♑50	4°R23	5♉ 8	9♒ 3	6°R10	F 1
S 2	1 5 49	14°35'56	5♒15	5°53	18°20	17° 5	22°50	5° 1	13°38	15♓ 4	20°50	4♉22	5° 5	9°10	6♓ 8	S 2
S 3	1 9 45	15°35'44	17° 9	7°35	19°33	17°49	22°54	5° 8	13°40	15° 3	20°50	4°20	5° 2	9°16	6° 6	S 3
M 4	1 13 42	16°35'34	29° 7	9°17	20°46	18°34	22°58	5°14	13°42	15° 2	20°50	4°17	4°59	9°23	6° 4	M 4
T 5	1 17 39	17°35'26	11♓14	10°59	21°59	19°18	23° 2	5°20	13°44	15° 0	20°50	4°14	4°55	9°30	6° 2	T 5
W 6	1 21 35	18°35'20	23°31	12°40	23°12	20° 2	23° 7	5°26	13°46	14°59	20°51	4°12	4°52	9°37	6° 0	W 6
T 7	1 25 32	19°35'15	6♈ 1	14°21	24°24	20°47	23°12	5°32	13°48	14°58	20°51	4°10	4°49	9°43	5°59	T 7
F 8	1 29 28	20°35'12	18°45	16° 2	25°37	21°31	23°16	5°39	13°50	14°56	20°51	4° 9	4°46	9°50	5°57	F 8
S 9	1 33 25	21°35'11	1♉43	17°42	26°50	22°16	23°21	5°45	13°52	14°55	20°51	4°D 8	4°43	9°57	5°55	S 9
S 10	1 37 21	22°35'13	14°55	19°22	28° 3	23° 0	23°27	5°50	13°54	14°54	20°52	4° 8	4°39	10° 3	5°53	S 10
M11	1 41 18	23°35'16	28°19	21° 1	29°16	23°45	23°32	5°56	13°56	14°53	20°52	4° 9	4°36	10°10	5°52	M11
T 12	1 45 14	24°35'22	11♊56	22°40	0♐28	24°30	23°37	6° 2	13°58	14°51	20°52	4°10	4°33	10°17	5°50	T 12
W13	1 49 11	25°35'29	25°44	24°18	1°41	25°15	23°43	6° 8	13°59	14°50	20°53	4°11	4°30	10°24	5°49	W13
T 14	1 53 8	26°35'39	9♋41	25°56	2°54	26° 0	23°49	6°14	14° 1	14°49	20°53	4°11	4°27	10°30	5°47	T 14
F 15	1 57 4	27°35'51	23°46	27°34	4° 6	26°45	23°55	6°19	14° 3	14°48	20°54	4°R12	4°24	10°37	5°46	F 15
S 16	2 1 1	28°36'05	7♌58	29°11	5°19	27°30	24° 1	6°25	14° 4	14°47	20°54	4°12	4°20	10°44	5°44	S 16
S 17	2 4 57	29°36'21	22°14	0♏48	6°32	28°15	24° 8	6°30	14° 6	14°46	20°55	4°11	4°17	10°50	5°43	S 17
M18	2 8 54	0♏36'40	6♍31	2°24	7°44	29° 0	24°14	6°36	14° 7	14°45	20°55	4°11	4°14	10°57	5°42	M18
T 19	2 12 50	1°37'00	20°47	4° 0	8°57	29°45	24°21	6°41	14° 9	14°44	20°56	4°11	4°11	11° 4	5°40	T 19
W20	2 16 47	2°37'22	4♎56	5°36	10° 9	0♑30	24°28	6°47	14°10	14°43	20°57	4°10	4° 8	11°11	5°39	W20
T 21	2 20 43	3°37'46	18°55	7°11	11°21	1°16	24°35	6°52	14°11	14°42	20°57	4°10	4° 4	11°17	5°38	T 21
F 22	2 24 40	4°38'12	2♏41	8°46	12°34	2° 1	24°42	6°57	14°13	14°41	20°58	4°10	4° 1	11°24	5°37	F 22
S 23	2 28 36	5°38'40	16°11	10°20	13°46	2°46	24°49	7° 2	14°14	14°40	20°59	4°10	3°58	11°31	5°36	S 23
S 24	2 32 33	6°39'09	29°23	11°55	14°58	3°32	24°57	7° 7	14°15	14°39	20°59	4°10	3°55	11°38	5°35	S 24
M25	2 36 30	7°39'40	12♐15	13°29	16°11	4°18	25° 4	7°12	14°16	14°38	21° 0	4°10	3°52	11°44	5°34	M25
T 26	2 40 26	8°40'12	24°50	15° 2	17°23	5° 3	25°12	7°17	14°17	14°37	21° 1	4° 9	3°49	11°51	5°33	T 26
W27	2 44 23	9°40'46	7♑ 9	16°36	18°35	5°49	25°20	7°22	14°18	14°36	21° 2	4° 8	3°45	11°58	5°32	W27
T 28	2 48 19	10°41'21	19°16	18° 9	19°47	6°35	25°28	7°26	14°19	14°36	21° 2	4° 8	3°42	12° 4	5°31	T 28
F 29	2 52 16	11°41'57	1♒13	19°42	20°59	7°20	25°36	7°31	14°20	14°35	21° 3	4° 7	3°39	12°11	5°31	F 29
S 30	2 56 12	12°42'35	13° 6	21°15	22°11	8° 6	25°45	7°35	14°21	14°34	21° 4	4°D 7	3°36	12°18	5°30	S 30
S 31	3 0 9	13♏43'14	24♒59	22♏47	23♐23	8♑52	25♑53	7♍40	14♌22	14♓34	21♑ 5	4♉ 7	3♉33	12♒25	5♓29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s24	26s36	5s 9	0s 6	1n42	17s53	0s53	24s29	1s37	22s24	0s47	11n19	1n41	17n28	0n40	7s 9	1s21	26s30	4s37	13n 3	13n18	23s 2	4s15	5n26
S 2	5 47	24 8	5 15	0 51	1 38	18 17	0 56	24 33	1 37	22 24	0 47	11 17	1 41	17 27	0 40	7 9	1 21	26 30	4 37	13 3	13 17	23 0	4 16	5 26
S 3	6 10	20 39	5 7	1 36	1 33	18 40	0 59	24 37	1 37	22 23	0 47	11 15	1 41	17 27	0 40	7 10	1 21	26 30	4 37	13 2	13 16	22 58	4 17	5 26
M 4	6 33	16 18	4 46	2 21	1 28	19 2	1 2	24 41	1 37	22 22	0 47	11 12	1 41	17 26	0 40	7 10	1 21	26 30	4 37	13 1	13 15	22 56	4 18	5 25
T 5	6 56	11 16	4 12	3 5	1 23	19 24	1 5	24 45	1 37	22 22	0 47	11 10	1 41	17 26	0 40	7 11	1 21	26 30	4 37	13 0	13 14	22 54	4 18	5 25
W 6	7 19	5 44	3 26	3 50	1 18	19 46	1 8	24 48	1 37	22 21	0 47	11 8	1 41	17 25	0 40	7 11	1 21	26 30	4 37	12 59	13 13	22 52	4 19	5 25
T 7	7 42	0n 7	2 29	4 35	1 12	20 7	1 11	24 51	1 37	22 20	0 47	11 6	1 42	17 24	0 40	7 12	1 21	26 30	4 37	12 58	13 12	22 51	4 20	5 25
F 8	8 5	6 5	1 24	5 19	1 6	20 28	1 14	24 54	1 37	22 19	0 47	11 4	1 42	17 24	0 40	7 12	1 21	26 30	4 37	12 58	13 11	22 49	4 21	5 24
S 9	8 28	11 55	0 13	6 3	1 0	20 48	1 17	24 57	1 37	22 18	0 47	11 2	1 42	17 23	0 40	7 13	1 21	26 30	4 37	12 58	13 10	22 47	4 22	5 24
S 10	8 50	17 20	0n59	6 47	0 54	21 7	1 19	24 59	1 36	22 17	0 47	11 0	1 42	17 23	0 40	7 13	1 21	26 30	4 37	12 58	13 8	22 45	4 23	5 24
M11	9 12	22 0	2 10	7 31	0 48	21 26	1 22	25 1	1 36	22 16	0 47	10 58	1 42	17 22	0 40	7 14	1 21	26 30	4 37	12 58	13 7	22 43	4 24	5 23
T 12	9 35	25 33	3 14	8 14	0 41	21 44	1 25	25 3	1 36	22 15	0 47	10 56	1 43	17 22	0 40	7 14	1 21	26 29	4 37	12 58	13 6	22 41	4 25	5 23
W13	9 57	27 38	4 8	8 56	0 35	22 2	1 28	25 5	1 36	22 14	0 47	10 54	1 43	17 21	0 40	7 15	1 21	26 29	4 37	12 59	13 5	22 39	4 25	5 23
T 14	10 19	28 0	4 48	9 38	0 28	22 19	1 30	25 6	1 36	22 13	0 47	10 52	1 43	17 21	0 40	7 15	1 21	26 29	4 37	12 59	13 4	22 37	4 26	5 23
F 15	10 40	26 34	5 12	10 20	0 21	22 36	1 33	25 7	1 36	22 12	0 47	10 50	1 43	17 21	0 40	7 15	1 21	26 29	4 37	12 59	13 3	22 35	4 27	5 22
S 16	11 2	23 27	5 16	11 1	0 15	22 52	1 35	25 8	1 35	22 11	0 46	10 48	1 43	17 20	0 40	7 16	1 21	26 29	4 37	12 59	13 2	22 33	4 28	5 22
S 17	11 24	18 55	5 1	11 41	0 8	23 7	1 38	25 8	1 35	22 10	0 46	10 46	1 43	17 20	0 40	7 16	1 21	26 29	4 36	12 59	13 1	22 31	4 29	5 22
M18	11 45	13 18	4 28	12 21	0 1	23 22	1 40	25 9	1 35	22 9	0 46	10 44	1 44	17 19	0 40	7 17	1 21	26 29	4 36	12 59	13 0	22 29	4 29	5 21
T 19	12 6	7 1	3 38	13 0	0s 5	23 36	1 43	25 9	1 35	22 7	0 46	10 43	1 44	17 19	0 40	7 17	1 21	26 29	4 36	12 59	12 59	22 27	4 30	5 21
W20	12 27	0 24	2 35	13 39	0 12	23 49	1 45	25 8	1 34	22 6	0 46	10 41	1 44	17 19	0 40	7 17	1 21	26 28	4 36	12 59	12 58	22 25	4 31	5 21
T 21	12 48	6s10	1 24	14 16	0 18	24 2	1 48	25 8	1 34	22 5	0 46	10 39	1 44	17 18	0 40	7 18	1 21	26 28	4 36	12 59	12 57	22 23	4 31	5 21
F 22	13 8	12 21	0 8	14 54	0 25	24 14	1 50	25 7	1 34	22 3	0 46	10 37	1 45	17 18	0 41	7 18	1 21	26 28	4 36	12 59	12 56	22 21	4 32	5 20
S 23	13 28	17 49	1s 6	15 30	0 32	24 26	1 52	25 6	1 34	22 2	0 46	10 36	1 45	17 18	0 41	7 18	1 20	26 28	4 36	12 59	12 54	22 19	4 33	5 20
S 24	13 48	22 19	2 15	16 6	0 38	24 36	1 54	25 5	1 33	22 1	0 46	10 34	1 45	17 17	0 41	7 19	1 20	26 28	4 36	12 59	12 53	22 17	4 33	5 20
M25	14 8	25 37	3 16	16 40	0 44	24 46	1 56	25 3	1 33	21 59	0 46	10 32	1 45	17 17	0 41	7 19	1 20	26 28	4 36	12 58	12 52	22 15	4 34	5 19
T 26	14 28	27 33	4 5	17 14	0 51	24 56	1 58	25 1	1 33	21 58	0 46	10 31	1 45	17 17	0 41	7 19	1 20	26 27	4 36	12 58	12 51	22 13	4 35	5 19
W27	14 47	28 4	4 42	17 48	0 57	25 4	2 0	24 59	1 33	21 56	0 46	10 29	1 46	17 16	0 41	7 20	1 20	26 27	4 36	12 58	12 50	22 11	4 35	5 19
T 28	15 7	27 13	5 6	18 20	1 3	25 12	2 2	24 56	1 32	21 55	0 46	10 28	1 46	17 16	0 41	7 20	1 20	26 27	4 36	12 58	12 49	22 9	4 36	5 18
F 29	15 25	25 8	5 16	18 51	1 9	25 19	2 4	24 54	1 32	21 53	0 46	10 26	1 46	17 16	0 41	7 20	1 20	26 27	4 36	12 58	12 48	22 7	4 36	5 18
S 30	15 44	21 58	5 13	19 22	1 15	25 26	2 6	24 51	1 32	21 52	0 46	10 25	1 46	17 16	0 41	7 20	1 20	26 27	4 36	12 58	12 47	22 5	4 37	5 18
S 31	16s 2	17s54	4s56	19s52	1s20	25s31	2s 7	24s47	1s31	21s50	0s46	10n23	1n46	17n16	0n41	7s21	1s20	26s27	4s36	12n58	12n46	22s 2	4s38	5n17

Julian Day Number = 2099730.5, Delta T = 21m36s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'49, Lahiri = 10°25'50 Julian Calendar 1 Oct. 1036 == Greg. Calendar 7 Oct. 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

NOVEMBER 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 4 6	14♏43'54	6♓57	24♏20	24♐35	9♑38	26♑ 2	7♍44	14♌23	14°R33	21♑ 6	4♉ 8	3♉30	12♒31	5°R29	M 1
T 2	3 8 2	15°44'35	19° 5	25°52	25°47	10°24	26°10	7°48	14°23	14♓32	21° 7	4° 9	3°26	12°38	5♓28	T 2
W 3	3 11 59	16°45'17	1♈26	27°24	26°59	11°10	26°19	7°53	14°24	14°32	21° 8	4°10	3°23	12°45	5°28	W 3
T 4	3 15 55	17°46'01	14° 4	28°56	28°11	11°56	26°28	7°57	14°25	14°31	21° 9	4°11	3°20	12°51	5°28	T 4
F 5	3 19 52	18°46'46	27° 1	0♐27	29°22	12°42	26°38	8° 1	14°25	14°31	21°10	4°12	3°17	12°58	5°27	F 5
S 6	3 23 48	19°47'32	10♉17	1°59	0♑34	13°28	26°47	8° 5	14°26	14°30	21°11	4°R12	3°14	13° 5	5°27	S 6
S 7	3 27 45	20°48'19	23°53	3°30	1°45	14°14	26°56	8° 9	14°26	14°30	21°12	4°11	3°10	13°12	5°27	S 7
M 8	3 31 41	21°49'08	7♊46	5° 1	2°57	15° 0	27° 6	8°12	14°26	14°29	21°13	4°10	3° 7	13°18	5°27	M 8
T 9	3 35 38	22°49'58	21°52	6°31	4° 8	15°46	27°16	8°16	14°27	14°29	21°14	4° 7	3° 4	13°25	5°26	T 9
W10	3 39 35	23°50'49	6♋ 7	8° 2	5°20	16°32	27°25	8°19	14°27	14°29	21°16	4° 4	3° 1	13°32	5°D26	W10
T 11	3 43 31	24°51'42	20°27	9°32	6°31	17°19	27°35	8°23	14°27	14°28	21°17	4° 2	2°58	13°39	5°26	T 11
F 12	3 47 28	25°52'36	4♌46	11° 1	7°42	18° 5	27°45	8°26	14°27	14°28	21°18	4° 0	2°55	13°45	5°27	F 12
S 13	3 51 24	26°53'32	19° 2	12°31	8°53	18°51	27°55	8°30	14°27	14°28	21°19	3°58	2°51	13°52	5°27	S 13
S 14	3 55 21	27°54'29	3♍12	13°59	10° 4	19°37	28° 6	8°33	14°R27	14°28	21°20	3°D58	2°48	13°59	5°27	S 14
M15	3 59 17	28°55'27	17°13	15°28	11°15	20°24	28°16	8°36	14°27	14°27	21°22	3°59	2°45	14° 5	5°27	M15
T 16	4 3 14	29°56'26	1♎ 4	16°55	12°26	21°10	28°27	8°39	14°27	14°27	21°23	4° 1	2°42	14°12	5°27	T 16
W17	4 7 10	0♐57'27	14°46	18°22	13°37	21°56	28°37	8°42	14°27	14°27	21°24	4° 2	2°39	14°19	5°28	W17
T 18	4 11 7	1°58'29	28°17	19°48	14°47	22°43	28°48	8°45	14°27	14°27	21°26	4°R 3	2°36	14°26	5°28	T 18
F 19	4 15 4	2°59'32	11♏37	21°13	15°58	23°29	28°59	8°47	14°26	14°27	21°27	4° 3	2°32	14°32	5°29	F 19
S 20	4 19 0	4° 0'36	24°44	22°36	17° 8	24°16	29°10	8°50	14°26	14°D27	21°28	4° 2	2°29	14°39	5°29	S 20
S 21	4 22 57	5° 1'41	7♐39	23°58	18°19	25° 2	29°21	8°52	14°26	14°27	21°30	3°58	2°26	14°46	5°30	S 21
M22	4 26 53	6° 2'47	20°20	25°18	19°29	25°49	29°32	8°55	14°25	14°27	21°31	3°53	2°23	14°52	5°30	M22
T 23	4 30 50	7° 3'54	2♑48	26°37	20°39	26°35	29°43	8°57	14°25	14°27	21°33	3°47	2°20	14°59	5°31	T 23
W24	4 34 46	8° 5'01	15° 4	27°53	21°49	27°22	29°55	8°59	14°24	14°27	21°34	3°41	2°16	15° 6	5°32	W24
T 25	4 38 43	9° 6'08	27° 8	29° 6	22°59	28° 8	0♒ 6	9° 1	14°24	14°27	21°36	3°35	2°13	15°13	5°33	T 25
F 26	4 42 39	10° 7'16	9♒ 5	0♑16	24° 9	28°55	0°18	9° 3	14°23	14°28	21°37	3°29	2°10	15°19	5°33	F 26
S 27	4 46 36	11° 8'25	20°57	1°22	25°19	29°42	0°29	9° 5	14°22	14°28	21°39	3°25	2° 7	15°26	5°34	S 27
S 28	4 50 33	12° 9'34	2♓48	2°24	26°28	0♒28	0°41	9° 7	14°22	14°28	21°40	3°23	2° 4	15°33	5°35	S 28
M29	4 54 29	13°10'43	14°44	3°21	27°38	1°15	0°53	9° 8	14°21	14°28	21°42	3°D23	2° 1	15°40	5°36	M29
T 30	4 58 26	14♐11'52	26♓48	4♑12	28♑47	2♒ 1	1♒ 5	9♍10	14♌20	14♓29	21♑43	3♉23	1♉57	15♒46	5♓37	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s21	13s 7	4s26	20s20	1s26	25s36	2s 9	24s44	1s31	21s48	0s46	10n22	1n47	17n15	0n41	7s21	1s20	26s26	4s36	12n58	12n45	22s 0	4s38	5n17
T 2	16 38	7 47	3 44	20 48	1 31	25 40	2 11	24 40	1 31	21 47	0 46	10 20	1 47	17 15	0 41	7 21	1 20	26 26	4 36	12 58	12 44	21 58	4 39	5 17
W 3	16 56	2 3	2 51	21 15	1 36	25 44	2 12	24 36	1 30	21 45	0 46	10 19	1 47	17 15	0 41	7 21	1 20	26 26	4 36	12 59	12 43	21 56	4 39	5 16
T 4	17 13	3n54	1 49	21 40	1 41	25 47	2 13	24 31	1 30	21 43	0 46	10 18	1 47	17 15	0 41	7 21	1 20	26 26	4 36	12 59	12 41	21 54	4 39	5 16
F 5	17 30	9 51	0 40	22 5	1 46	25 49	2 15	24 27	1 30	21 41	0 46	10 16	1 48	17 15	0 41	7 22	1 20	26 26	4 36	12 59	12 40	21 52	4 40	5 16
S 6	17 47	15 31	0n34	22 28	1 51	25 50	2 16	24 22	1 29	21 40	0 46	10 15	1 48	17 15	0 41	7 22	1 20	26 25	4 36	12 59	12 39	21 50	4 40	5 15
S 7	18 3	20 34	1 47	22 51	1 55	25 50	2 17	24 16	1 29	21 38	0 46	10 14	1 48	17 15	0 41	7 22	1 20	26 25	4 36	12 59	12 38	21 48	4 41	5 15
M 8	18 19	24 35	2 55	23 12	1 59	25 50	2 18	24 11	1 28	21 36	0 46	10 13	1 48	17 15	0 41	7 22	1 20	26 25	4 35	12 58	12 37	21 46	4 41	5 15
T 9	18 35	27 12	3 53	23 32	2 3	25 49	2 19	24 5	1 28	21 34	0 46	10 11	1 49	17 15	0 41	7 22	1 20	26 25	4 35	12 58	12 36	21 43	4 41	5 14
W10	18 50	28 3	4 38	23 50	2 6	25 47	2 20	23 59	1 28	21 32	0 46	10 10	1 49	17 15	0 41	7 22	1 20	26 24	4 35	12 57	12 35	21 41	4 42	5 14
T 11	19 5	27 2	5 6	24 8	2 9	25 44	2 20	23 53	1 27	21 30	0 46	10 9	1 49	17 15	0 41	7 22	1 20	26 24	4 35	12 56	12 34	21 39	4 42	5 14
F 12	19 20	24 15	5 14	24 24	2 12	25 41	2 21	23 46	1 27	21 28	0 46	10 8	1 49	17 15	0 41	7 22	1 20	26 24	4 35	12 55	12 33	21 37	4 42	5 13
S 13	19 34	20 0	5 4	24 38	2 15	25 37	2 22	23 39	1 26	21 26	0 46	10 7	1 50	17 15	0 41	7 22	1 20	26 24	4 35	12 55	12 32	21 35	4 43	5 13
S 14	19 48	14 39	4 35	24 52	2 17	25 32	2 22	23 32	1 26	21 24	0 45	10 6	1 50	17 15	0 42	7 22	1 20	26 24	4 35	12 55	12 31	21 33	4 43	5 13
M15	20 1	8 36	3 49	25 4	2 18	25 27	2 22	23 25	1 25	21 22	0 45	10 5	1 50	17 15	0 42	7 23	1 20	26 23	4 35	12 55	12 29	21 31	4 43	5 12
T 16	20 15	2 11	2 51	25 14	2 20	25 21	2 23	23 17	1 25	21 19	0 45	10 4	1 50	17 15	0 42	7 23	1 20	26 23	4 35	12 55	12 28	21 28	4 43	5 12
W17	20 28	4s15	1 44	25 23	2 20	25 14	2 23	23 10	1 25	21 17	0 45	10 4	1 51	17 15	0 42	7 23	1 20	26 23	4 35	12 56	12 27	21 26	4 43	5 12
T 18	20 40	10 26	0 32	25 30	2 21	25 6	2 23	23 1	1 24	21 15	0 45	10 3	1 51	17 15	0 42	7 23	1 20	26 23	4 35	12 56	12 26	21 24	4 44	5 11
F 19	20 52	16 3	0s41	25 36	2 20	24 58	2 23	22 53	1 24	21 13	0 45	10 2	1 51	17 15	0 42	7 23	1 20	26 22	4 35	12 56	12 25	21 22	4 44	5 11
S 20	21 4	20 51	1 51	25 41	2 19	24 49	2 22	22 44	1 23	21 10	0 45	10 1	1 51	17 15	0 42	7 22	1 20	26 22	4 35	12 56	12 24	21 20	4 44	5 11
S 21	21 15	24 33	2 53	25 43	2 18	24 39	2 22	22 36	1 23	21 8	0 45	10 1	1 52	17 15	0 42	7 22	1 20	26 22	4 35	12 55	12 23	21 17	4 44	5 10
M22	21 26	26 58	3 46	25 45	2 16	24 29	2 22	22 26	1 22	21 6	0 45	10 0	1 52	17 15	0 42	7 22	1 19	26 22	4 35	12 53	12 22	21 15	4 44	5 10
T 23	21 36	27 59	4 27	25 44	2 13	24 18	2 21	22 17	1 22	21 3	0 45	9 59	1 52	17 16	0 42	7 22	1 19	26 21	4 35	12 51	12 21	21 13	4 44	5 10
W24	21 46	27 35	4 54	25 42	2 9	24 6	2 20	22 7	1 21	21 1	0 45	9 59	1 52	17 16	0 42	7 22	1 19	26 21	4 35	12 49	12 20	21 11	4 44	5 9
T 25	21 56	25 53	5 9	25 39	2 5	23 53	2 20	21 58	1 21	20 58	0 45	9 58	1 53	17 16	0 42	7 22	1 19	26 21	4 35	12 47	12 19	21 9	4 44	5 9
F 26	22 5	23 2	5 9	25 33	1 59	23 40	2 19	21 48	1 20	20 56	0 45	9 58	1 53	17 16	0 42	7 22	1 19	26 21	4 35	12 45	12 17	21 6	4 44	5 9
S 27	22 14	19 15	4 56	25 27	1 53	23 27	2 18	21 37	1 20	20 53	0 45	9 57	1 53	17 17	0 42	7 22	1 19	26 20	4 35	12 43	12 16	21 4	4 44	5 8
S 28	22 22	14 44	4 31	25 18	1 46	23 12	2 17	21 27	1 19	20 51	0 45	9 57	1 54	17 17	0 42	7 22	1 19	26 20	4 35	12 43	12 15	21 2	4 44	5 8
M29	22 30	9 38	3 53	25 9	1 37	22 57	2 15	21 16	1 19	20 48	0 45	9 56	1 54	17 17	0 42	7 22	1 19	26 20	4 35	12 42	12 14	21 0	4 44	5 8
T 30	22s38	4s 7	3s 5	24s58	1s28	22s42	2s14	21s 5	1s18	20s46	0s45	9n56	1n54	17n17	0n42	7s21	1s19	26s20	4s35	12n43	12n13	20s57	4s44	5n 8

Julian Day Number = 2099761.5, Delta T = 21m35s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'54, Lahiri = 10°25'54 Julian Calendar 1 Nov. 1036 == Greg. Calendar 7 Nov. 1036

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ASTRODIENST EPHEMERIS for the year 1036
geocentric

DECEMBER 1036 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 2 22	15♐13'01	9♈ 7	4♑56	29♑56	2♒48	1♒17	9♍11	14°R19	14♓29	21♑45	3♉25	1♉54	15♒53	5♓39	W 1
T 2	5 6 19	16°14'11	21°45	5°34	1♒ 5	3°35	1°29	9°13	14♌18	14°30	21°46	3°26	1°51	16° 0	5°40	T 2
F 3	5 10 15	17°15'20	4♉45	6° 3	2°14	4°21	1°41	9°14	14°17	14°30	21°48	3°R27	1°48	16° 6	5°41	F 3
S 4	5 14 12	18°16'30	18°11	6°22	3°22	5° 8	1°53	9°15	14°16	14°31	21°50	3°26	1°45	16°13	5°42	S 4
S 5	5 18 8	19°17'40	2♊ 2	6°R32	4°31	5°55	2° 6	9°16	14°15	14°31	21°51	3°23	1°42	16°20	5°44	S 5
M 6	5 22 5	20°18'51	16°17	6°31	5°39	6°41	2°18	9°17	14°14	14°32	21°53	3°17	1°38	16°27	5°45	M 6
T 7	5 26 2	21°20'02	0♋51	6°18	6°47	7°28	2°30	9°18	14°12	14°32	21°55	3°10	1°35	16°33	5°46	T 7
W 8	5 29 58	22°21'12	15°36	5°54	7°55	8°15	2°43	9°18	14°11	14°33	21°56	3° 2	1°32	16°40	5°48	W 8
T 9	5 33 55	23°22'24	0♌25	5°18	9° 3	9° 1	2°56	9°19	14°10	14°33	21°58	2°54	1°29	16°47	5°50	T 9
F 10	5 37 51	24°23'35	15° 9	4°31	10°10	9°48	3° 8	9°19	14° 8	14°34	22° 0	2°47	1°26	16°53	5°51	F 10
S 11	5 41 48	25°24'47	29°43	3°33	11°18	10°34	3°21	9°20	14° 7	14°35	22° 1	2°42	1°22	17° 0	5°53	S 11
S 12	5 45 44	26°25'59	14♍ 0	2°26	12°25	11°21	3°34	9°20	14° 6	14°36	22° 3	2°39	1°19	17° 7	5°55	S 12
M13	5 49 41	27°27'11	28° 0	1°11	13°32	12° 8	3°47	9°20	14° 4	14°36	22° 5	2°D39	1°16	17°14	5°56	M13
T 14	5 53 38	28°28'24	11♎41	29♐53	14°39	12°54	4° 0	9°R20	14° 3	14°37	22° 7	2°39	1°13	17°20	5°58	T 14
W15	5 57 34	29°29'36	25° 6	28°32	15°45	13°41	4°13	9°20	14° 1	14°38	22° 9	2°40	1°10	17°27	6° 0	W15
T 16	6 1 31	0♑30'49	8♏16	27°11	16°51	14°28	4°26	9°20	13°59	14°39	22°10	2°R40	1° 7	17°34	6° 2	T 16
F 17	6 5 27	1°32'02	21°13	25°54	17°57	15°14	4°39	9°19	13°58	14°40	22°12	2°38	1° 3	17°40	6° 4	F 17
S 18	6 9 24	2°33'15	3♐58	24°42	19° 3	16° 1	4°52	9°19	13°56	14°41	22°14	2°34	1° 0	17°47	6° 6	S 18
S 19	6 13 20	3°34'29	16°33	23°37	20° 9	16°48	5° 6	9°18	13°54	14°42	22°16	2°27	0°57	17°54	6° 8	S 19
M20	6 17 17	4°35'41	28°58	22°40	21°14	17°34	5°19	9°18	13°52	14°43	22°18	2°17	0°54	18° 1	6°10	M20
T 21	6 21 13	5°36'54	11♑15	21°53	22°19	18°21	5°32	9°17	13°50	14°44	22°19	2° 5	0°51	18° 7	6°12	T 21
W22	6 25 10	6°38'06	23°23	21°15	23°24	19° 7	5°46	9°16	13°49	14°45	22°21	1°52	0°48	18°14	6°14	W22
T 23	6 29 7	7°39'18	5♒23	20°48	24°28	19°54	5°59	9°15	13°47	14°46	22°23	1°39	0°44	18°21	6°17	T 23
F 24	6 33 3	8°40'29	17°17	20°30	25°32	20°40	6°13	9°14	13°45	14°47	22°25	1°27	0°41	18°28	6°19	F 24
S 25	6 37 0	9°41'40	29° 8	20°D21	26°36	21°27	6°26	9°13	13°43	14°48	22°27	1°18	0°38	18°34	6°21	S 25
S 26	6 40 56	10°42'49	10♓57	20°21	27°39	22°14	6°40	9°11	13°41	14°50	22°29	1°11	0°35	18°41	6°24	S 26
M27	6 44 53	11°43'58	22°50	20°29	28°43	23° 0	6°54	9°10	13°39	14°51	22°30	1° 7	0°32	18°48	6°26	M27
T 28	6 48 49	12°45'06	4♈51	20°45	29°45	23°47	7° 7	9° 9	13°36	14°52	22°32	1° 5	0°28	18°54	6°28	T 28
W29	6 52 46	13°46'13	17° 5	21° 8	0♓48	24°33	7°21	9° 7	13°34	14°53	22°34	1°D 5	0°25	19° 1	6°31	W29
T 30	6 56 42	14°47'20	29°37	21°36	1°50	25°20	7°35	9° 5	13°32	14°55	22°36	1°R 5	0°22	19° 8	6°33	T 30
F 31	7 0 39	15♑48'25	12♉32	22♐11	2♓51	26♒ 6	7♒49	9♍ 3	13♌30	14♓56	22♑38	1♉ 4	0♉19	19♒15	6♓36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s44	1n40	2s 8	24s45	1s17	22s26	2s13	20s54	1s18	20s43	0s45	9n56	1n54	17n18	0n42	7s21	1s19	26s19	4s35	12n43	12n12	20s55	4s44	5n 7
T 2	22 51	7 33	1 3	24 32	1 5	22 9	2 11	20 42	1 17	20 40	0 45	9 56	1 55	17 18	0 42	7 21	1 19	26 19	4 35	12 44	12 11	20 53	4 44	5 7
F 3	22 57	13 17	0n 7	24 17	0 52	21 52	2 9	20 31	1 16	20 38	0 45	9 55	1 55	17 18	0 42	7 21	1 19	26 19	4 35	12 44	12 10	20 51	4 43	5 7
S 4	23 3	18 36	1 19	24 2	0 37	21 34	2 7	20 19	1 16	20 35	0 45	9 55	1 55	17 19	0 42	7 21	1 19	26 19	4 35	12 43	12 9	20 48	4 43	5 6
S 5	23 8	23 6	2 28	23 45	0 21	21 16	2 5	20 7	1 15	20 32	0 45	9 55	1 55	17 19	0 42	7 20	1 19	26 18	4 35	12 42	12 7	20 46	4 43	5 6
M 6	23 13	26 20	3 30	23 29	0 4	20 57	2 3	19 54	1 15	20 29	0 45	9 55	1 56	17 19	0 42	7 20	1 19	26 18	4 35	12 41	12 6	20 44	4 43	5 6
T 7	23 17	27 53	4 19	23 11	0n14	20 37	2 1	19 42	1 14	20 26	0 45	9 55	1 56	17 20	0 42	7 20	1 19	26 18	4 35	12 38	12 5	20 41	4 43	5 5
W 8	23 21	27 29	4 52	22 53	0 33	20 17	1 59	19 29	1 14	20 23	0 45	9 55	1 56	17 20	0 42	7 20	1 19	26 18	4 35	12 35	12 4	20 39	4 42	5 5
T 9	23 24	25 9	5 6	22 35	0 52	19 57	1 56	19 16	1 13	20 21	0 45	9 55	1 56	17 21	0 43	7 19	1 19	26 17	4 35	12 33	12 3	20 37	4 42	5 5
F 10	23 27	21 8	4 59	22 17	1 12	19 36	1 53	19 3	1 12	20 18	0 45	9 55	1 57	17 21	0 43	7 19	1 19	26 17	4 35	12 30	12 2	20 35	4 42	5 4
S 11	23 29	15 53	4 33	21 59	1 32	19 15	1 51	18 50	1 12	20 15	0 45	9 55	1 57	17 22	0 43	7 19	1 19	26 17	4 35	12 28	12 1	20 32	4 41	5 4
S 12	23 31	9 52	3 51	21 42	1 51	18 53	1 48	18 36	1 11	20 12	0 45	9 55	1 57	17 22	0 43	7 18	1 19	26 16	4 35	12 28	12 0	20 30	4 41	5 4
M13	23 32	3 28	2 55	21 25	2 9	18 31	1 45	18 23	1 11	20 9	0 45	9 56	1 58	17 22	0 43	7 18	1 19	26 16	4 35	12 27	11 59	20 28	4 41	5 3
T 14	23 33	2s58	1 50	21 8	2 26	18 8	1 41	18 9	1 10	20 5	0 45	9 56	1 58	17 23	0 43	7 18	1 19	26 16	4 35	12 27	11 58	20 25	4 40	5 3
W15	23 34	9 8	0 40	20 53	2 40	17 45	1 38	17 55	1 9	20 2	0 45	9 56	1 58	17 23	0 43	7 17	1 19	26 16	4 35	12 28	11 56	20 23	4 40	5 3
T 16	23 34	14 48	0s30	20 39	2 53	17 22	1 35	17 41	1 9	19 59	0 45	9 56	1 58	17 24	0 43	7 17	1 19	26 15	4 35	12 28	11 55	20 21	4 40	5 3
F 17	23 33	19 43	1 37	20 27	3 3	16 58	1 31	17 26	1 8	19 56	0 45	9 57	1 59	17 25	0 43	7 17	1 19	26 15	4 35	12 27	11 54	20 18	4 39	5 2
S 18	23 32	23 39	2 39	20 17	3 10	16 34	1 27	17 12	1 8	19 53	0 45	9 57	1 59	17 25	0 43	7 16	1 19	26 15	4 35	12 26	11 53	20 16	4 39	5 2
S 19	23 31	26 23	3 31	20 9	3 16	16 10	1 23	16 57	1 7	19 50	0 45	9 58	1 59	17 26	0 43	7 16	1 18	26 15	4 35	12 23	11 52	20 14	4 38	5 2
M20	23 29	27 47	4 13	20 4	3 18	15 45	1 19	16 42	1 6	19 46	0 45	9 58	1 59	17 26	0 43	7 15	1 18	26 14	4 35	12 20	11 51	20 11	4 38	5 1
T 21	23 27	27 47	4 42	20 0	3 19	15 20	1 15	16 27	1 6	19 43	0 45	9 59	2 0	17 27	0 43	7 15	1 18	26 14	4 35	12 16	11 50	20 9	4 37	5 1
W22	23 24	26 26	4 59	19 59	3 18	14 54	1 11	16 12	1 5	19 40	0 45	9 59	2 0	17 27	0 43	7 14	1 18	26 14	4 36	12 11	11 49	20 6	4 37	5 1
T 23	23 21	23 53	5 1	20 0	3 15	14 29	1 7	15 56	1 4	19 37	0 45	10 0	2 0	17 28	0 43	7 14	1 18	26 13	4 36	12 7	11 48	20 4	4 36	5 1
F 24	23 17	20 21	4 51	20 4	3 10	14 3	1 2	15 41	1 4	19 33	0 45	10 1	2 1	17 28	0 43	7 13	1 18	26 13	4 36	12 3	11 46	20 2	4 35	5 0
S 25	23 13	16 1	4 28	20 9	3 4	13 37	0 57	15 25	1 3	19 30	0 45	10 1	2 1	17 29	0 43	7 13	1 18	26 13	4 36	11 59	11 45	19 59	4 35	5 0
S 26	23 8	11 5	3 53	20 16	2 58	13 10	0 52	15 9	1 2	19 26	0 46	10 2	2 1	17 30	0 43	7 13	1 18	26 13	4 36	11 57	11 44	19 57	4 34	5 0
M27	23 3	5 44	3 8	20 24	2 50	12 44	0 47	14 54	1 2	19 23	0 46	10 3	2 1	17 30	0 43	7 12	1 18	26 12	4 36	11 55	11 43	19 54	4 34	5 0
T 28	22 57	0 7	2 14	20 33	2 42	12 17	0 42	14 38	1 1	19 19	0 46	10 4	2 2	17 31	0 43	7 11	1 18	26 12	4 36	11 55	11 42	19 52	4 33	4 59
W29	22 51	5n37	1 14	20 43	2 33	11 50	0 37	14 21	1 0	19 16	0 46	10 4	2 2	17 32	0 43	7 11	1 18	26 12	4 36	11 55	11 41	19 50	4 32	4 59
T 30	22 44	11 16	0 8	20 54	2 24	11 22	0 32	14 5	1 0	19 12	0 46	10 5	2 2	17 32	0 43	7 10	1 18	26 12	4 36	11 55	11 40	19 47	4 32	4 59
F 31	22s37	16n38	1n 0	21s 6	2n15	10s55	0s26	13s49	0s59	19s 9	0s46	10n 6	2n 2	17n33	0n43	7s10	1s18	26s11	4s36	11n55	11n39	19s45	4s31	4n58

Julian Day Number = 2099791.5, Delta T = 21m35s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°18'58, Lahiri = 10°25'58 Julian Calendar 1 Dec. 1036 == Greg. Calendar 7 Dec. 1036

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

JANUARY 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 4 36	16♑49'29	25♉55	22♐51	3♓53	26♒52	8♒ 3	9°R 1	13°R28	14♓57	22♑40	1°R 2	0♉16	19♒21	6♓39	S 1
S 2	7 8 32	17°50'33	9♊48	23°35	4°53	27°39	8°17	8♍59	13♌25	14°59	22°42	0♉57	0°13	19°28	6°41	S 2
M 3	7 12 29	18°51'35	24°10	24°24	5°54	28°25	8°31	8°57	13°23	15° 0	22°44	0°50	0° 9	19°35	6°44	M 3
T 4	7 16 25	19°52'37	8♋57	25°17	6°54	29°12	8°45	8°55	13°21	15° 2	22°46	0°40	0° 6	19°41	6°47	T 4
W 5	7 20 22	20°53'38	24° 3	26°13	7°53	29°58	8°59	8°53	13°18	15° 3	22°47	0°28	0° 3	19°48	6°49	W 5
T 6	7 24 18	21°54'37	9♌15	27°12	8°52	0♓44	9°13	8°50	13°16	15° 5	22°49	0°17	29♈59	19°55	6°52	T 6
F 7	7 28 15	22°55'36	24°25	28°14	9°50	1°30	9°27	8°48	13°14	15° 6	22°51	0° 6	29°57	20° 2	6°55	F 7
S 8	7 32 12	23°56'34	9♍21	29°18	10°48	2°17	9°41	8°45	13°11	15° 8	22°53	29♈58	29°54	20° 8	6°58	S 8
S 9	7 36 8	24°57'31	23°57	0♑25	11°46	3° 3	9°55	8°43	13° 9	15° 9	22°55	29°53	29°50	20°15	7° 1	S 9
M10	7 40 5	25°58'27	8♎ 8	1°34	12°42	3°49	10° 9	8°40	13° 6	15°11	22°57	29°50	29°47	20°22	7° 4	M10
T 11	7 44 1	26°59'23	21°54	2°45	13°39	4°35	10°24	8°37	13° 4	15°13	22°59	29°50	29°44	20°28	7° 7	T 11
W12	7 47 58	28° 0'18	5♏16	3°58	14°34	5°21	10°38	8°34	13° 1	15°14	23° 1	29°50	29°41	20°35	7°10	W12
T 13	7 51 54	29° 1'11	18°18	5°12	15°29	6° 8	10°52	8°31	12°59	15°16	23° 3	29°49	29°38	20°42	7°13	T 13
F 14	7 55 51	0♒ 2'05	1♐ 2	6°28	16°24	6°54	11° 6	8°28	12°56	15°18	23° 5	29°46	29°34	20°49	7°16	F 14
S 15	7 59 47	1° 2'57	13°33	7°46	17°17	7°40	11°21	8°25	12°54	15°19	23° 6	29°41	29°31	20°55	7°19	S 15
S 16	8 3 44	2° 3'48	25°53	9° 5	18°10	8°26	11°35	8°21	12°51	15°21	23° 8	29°33	29°28	21° 2	7°22	S 16
M17	8 7 41	3° 4'38	8♑ 4	10°25	19° 3	9°12	11°49	8°18	12°49	15°23	23°10	29°21	29°25	21° 9	7°25	M17
T 18	8 11 37	4° 5'27	20° 9	11°46	19°54	9°58	12° 4	8°14	12°46	15°25	23°12	29° 7	29°22	21°15	7°28	T 18
W19	8 15 34	5° 6'14	2♒ 8	13° 9	20°45	10°44	12°18	8°11	12°44	15°27	23°14	28°52	29°19	21°22	7°32	W19
T 20	8 19 30	6° 7'01	14° 3	14°33	21°35	11°30	12°32	8° 7	12°41	15°28	23°16	28°37	29°15	21°29	7°35	T 20
F 21	8 23 27	7° 7'45	25°55	15°58	22°24	12°16	12°47	8° 4	12°38	15°30	23°18	28°24	29°12	21°36	7°38	F 21
S 22	8 27 23	8° 8'28	7♓45	17°24	23°13	13° 1	13° 1	8° 0	12°36	15°32	23°19	28°12	29° 9	21°42	7°41	S 22
S 23	8 31 20	9° 9'10	19°35	18°50	24° 0	13°47	13°16	7°56	12°33	15°34	23°21	28° 3	29° 6	21°49	7°45	S 23
M24	8 35 16	10° 9'50	1♈29	20°18	24°47	14°33	13°30	7°52	12°30	15°36	23°23	27°58	29° 3	21°56	7°48	M24
T 25	8 39 13	11°10'28	13°30	21°47	25°32	15°19	13°44	7°48	12°28	15°38	23°25	27°55	29° 0	22° 2	7°51	T 25
W26	8 43 10	12°11'04	25°42	23°17	26°17	16° 5	13°59	7°44	12°25	15°40	23°27	27°D54	28°56	22° 9	7°55	W26
T 27	8 47 6	13°11'39	8♉10	24°48	27° 0	16°50	14°13	7°40	12°23	15°42	23°29	27°R54	28°53	22°16	7°58	T 27
F 28	8 51 3	14°12'12	21° 0	26°19	27°43	17°36	14°28	7°36	12°20	15°44	23°30	27°54	28°50	22°23	8° 2	F 28
S 29	8 54 59	15°12'43	4♊15	27°52	28°24	18°21	14°42	7°32	12°17	15°46	23°32	27°53	28°47	22°29	8° 5	S 29
S 30	8 58 56	16°13'12	17°59	29°25	29° 4	19° 7	14°57	7°28	12°15	15°48	23°34	27°49	28°44	22°36	8° 8	S 30
M31	9 2 52	17♒13'39	2♋13	1♒ 0	29♓43	19♓53	15♒11	7♍23	12♌12	15♓50	23♑36	27♈43	28♈40	22♒43	8♓12	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s30	21n24	2n 7	21s18	2n 5	10s27	0s20	13s32	0s58	19s 5	0s46	10n 7	2n 3	17n34	0n43	7s 9	1s18	26s11	4s36	11n54	11n37	19s42	4s30	4n58
S 2	22 22	25 10	3 9	21 30	1 55	10 0	0 15	13 15	0 58	19 2	0 46	10 8	2 3	17 34	0 43	7 9	1 18	26 11	4 36	11 52	11 36	19 40	4 29	4 58
M 3	22 14	27 28	4 2	21 42	1 45	9 32	0 9	12 59	0 57	18 58	0 46	10 9	2 3	17 35	0 43	7 8	1 18	26 11	4 36	11 49	11 35	19 38	4 29	4 58
T 4	22 5	27 54	4 39	21 54	1 35	9 4	0 2	12 42	0 56	18 54	0 46	10 10	2 3	17 36	0 43	7 8	1 18	26 10	4 36	11 46	11 34	19 35	4 28	4 58
W 5	21 56	26 18	4 58	22 5	1 25	8 36	0n 4	12 25	0 56	18 51	0 46	10 11	2 4	17 36	0 43	7 7	1 18	26 10	4 36	11 42	11 33	19 33	4 27	4 57
T 6	21 46	22 48	4 57	22 17	1 16	8 8	0 10	12 8	0 55	18 47	0 46	10 12	2 4	17 37	0 43	7 6	1 18	26 10	4 36	11 38	11 32	19 30	4 26	4 57
F 7	21 36	17 45	4 34	22 27	1 6	7 40	0 17	11 50	0 54	18 43	0 46	10 14	2 4	17 38	0 43	7 6	1 18	26 10	4 36	11 34	11 31	19 28	4 25	4 57
S 8	21 26	11 42	3 53	22 38	0 56	7 12	0 23	11 33	0 54	18 39	0 46	10 15	2 4	17 38	0 43	7 5	1 18	26 9	4 37	11 31	11 30	19 25	4 25	4 57
S 9	21 15	5 7	2 57	22 47	0 47	6 43	0 30	11 16	0 53	18 36	0 46	10 16	2 5	17 39	0 43	7 4	1 18	26 9	4 37	11 29	11 28	19 23	4 24	4 56
M10	21 4	1s32	1 52	22 56	0 37	6 15	0 37	10 58	0 52	18 32	0 46	10 17	2 5	17 40	0 43	7 4	1 18	26 9	4 37	11 28	11 27	19 20	4 23	4 56
T 11	20 52	7 56	0 42	23 4	0 28	5 47	0 44	10 41	0 51	18 28	0 46	10 19	2 5	17 41	0 43	7 3	1 18	26 9	4 37	11 28	11 26	19 18	4 22	4 56
W12	20 40	13 48	0s29	23 11	0 19	5 19	0 51	10 23	0 51	18 24	0 46	10 20	2 5	17 41	0 43	7 2	1 18	26 8	4 37	11 28	11 25	19 15	4 21	4 56
T 13	20 28	18 54	1 36	23 18	0 10	4 51	0 59	10 5	0 50	18 20	0 46	10 21	2 5	17 42	0 43	7 2	1 18	26 8	4 37	11 28	11 24	19 13	4 20	4 56
F 14	20 15	23 2	2 37	23 23	0 2	4 23	1 6	9 47	0 49	18 16	0 46	10 23	2 6	17 43	0 43	7 1	1 18	26 8	4 37	11 27	11 23	19 10	4 19	4 55
S 15	20 2	26 0	3 29	23 27	0s 7	3 55	1 14	9 30	0 49	18 13	0 46	10 24	2 6	17 44	0 44	7 0	1 18	26 8	4 37	11 25	11 22	19 8	4 18	4 55
S 16	19 48	27 40	4 10	23 30	0 15	3 27	1 22	9 12	0 48	18 9	0 46	10 26	2 6	17 44	0 44	7 0	1 18	26 7	4 37	11 22	11 21	19 5	4 17	4 55
M17	19 34	27 58	4 39	23 32	0 23	2 59	1 30	8 54	0 47	18 5	0 46	10 27	2 6	17 45	0 44	6 59	1 18	26 7	4 37	11 18	11 19	19 3	4 16	4 55
T 18	19 20	26 55	4 56	23 33	0 31	2 31	1 38	8 35	0 47	18 1	0 46	10 29	2 6	17 46	0 44	6 58	1 18	26 7	4 37	11 13	11 18	19 0	4 15	4 55
W19	19 6	24 38	4 59	23 33	0 38	2 4	1 46	8 17	0 46	17 57	0 47	10 30	2 7	17 47	0 44	6 58	1 18	26 7	4 38	11 8	11 17	18 58	4 14	4 54
T 20	18 51	21 18	4 49	23 31	0 46	1 37	1 54	7 59	0 45	17 53	0 47	10 32	2 7	17 47	0 44	6 57	1 18	26 6	4 38	11 3	11 16	18 55	4 13	4 54
F 21	18 35	17 7	4 26	23 29	0 53	1 9	2 2	7 41	0 44	17 49	0 47	10 33	2 7	17 48	0 44	6 56	1 18	26 6	4 38	10 58	11 15	18 53	4 12	4 54
S 22	18 20	12 17	3 52	23 24	0 59	0 42	2 11	7 23	0 44	17 45	0 47	10 35	2 7	17 49	0 44	6 55	1 18	26 6	4 38	10 53	11 14	18 50	4 11	4 54
S 23	18 4	7 1	3 8	23 19	1 6	0 16	2 20	7 4	0 43	17 40	0 47	10 36	2 7	17 50	0 44	6 55	1 18	26 6	4 38	10 50	11 13	18 48	4 10	4 54
M24	17 47	1 28	2 15	23 12	1 12	0n11	2 28	6 46	0 42	17 36	0 47	10 38	2 8	17 50	0 44	6 54	1 17	26 6	4 38	10 48	11 12	18 45	4 9	4 54
T 25	17 31	4n12	1 16	23 4	1 18	0 37	2 37	6 27	0 42	17 32	0 47	10 40	2 8	17 51	0 44	6 53	1 17	26 5	4 38	10 47	11 10	18 43	4 8	4 53
W26	17 14	9 48	0 12	22 55	1 23	1 3	2 46	6 9	0 41	17 28	0 47	10 41	2 8	17 52	0 44	6 52	1 17	26 5	4 38	10 47	11 9	18 40	4 7	4 53
T 27	16 57	15 10	0n54	22 44	1 29	1 29	2 56	5 50	0 40	17 24	0 47	10 43	2 8	17 53	0 44	6 51	1 17	26 5	4 38	10 47	11 8	18 37	4 6	4 53
F 28	16 39	20 1	1 59	22 32	1 34	1 54	3 5	5 32	0 39	17 20	0 47	10 45	2 8	17 53	0 44	6 51	1 17	26 5	4 39	10 47	11 7	18 35	4 4	4 53
S 29	16 22	24 3	3 0	22 18	1 38	2 19	3 14	5 13	0 39	17 16	0 47	10 46	2 9	17 54	0 44	6 50	1 17	26 5	4 39	10 46	11 6	18 32	4 3	4 53
S 30	16 4	26 53	3 53	22 3	1 43	2 44	3 24	4 55	0 38	17 12	0 47	10 48	2 9	17 55	0 44	6 49	1 17	26 4	4 39	10 45	11 5	18 30	4 2	4 53
M31	15s45	28n 6	4n33	21s47	1s47	3n 8	3n33	4s36	0s37	17s 7	0s47	10n50	2n 9	17n56	0n44	6s48	1s17	26s 4	4s39	10n43	11n 4	18s27	4s 1	4n52

Julian Day Number = 2099822.5, Delta T = 21m35s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'02, Lahiri = 10°26'02 Julian Calendar 1 Jan. 1037 == Greg. Calendar 7 Jan. 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

FEBRUARY 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 6 49	18♒14'04	16♋56	2♒35	0♈20	20♓38	15♒25	7°R19	12°R 9	15♓52	23♑38	27°R34	28♈37	22♒49	8♓15	T 1
W 2	9 10 45	19°14'28	2♌ 2	4°12	0°56	21°24	15°40	7♍15	12♌ 7	15°54	23°39	27♈24	28°34	22°56	8°19	W 2
T 3	9 14 42	20°14'49	17°21	5°49	1°31	22° 9	15°54	7°10	12° 4	15°56	23°41	27°14	28°31	23° 3	8°22	T 3
F 4	9 18 39	21°15'09	2♍42	7°27	2° 4	22°54	16° 9	7° 6	12° 2	15°58	23°43	27° 4	28°28	23°10	8°26	F 4
S 5	9 22 35	22°15'27	17°53	9° 7	2°36	23°40	16°23	7° 1	11°59	16° 0	23°44	26°57	28°25	23°16	8°29	S 5
S 6	9 26 32	23°15'43	2♎45	10°47	3° 6	24°25	16°37	6°57	11°57	16° 2	23°46	26°52	28°21	23°23	8°33	S 6
M 7	9 30 28	24°15'58	17°12	12°28	3°35	25°10	16°52	6°52	11°54	16° 5	23°48	26°50	28°18	23°30	8°37	M 7
T 8	9 34 25	25°16'11	1♏11	14°10	4° 2	25°55	17° 6	6°48	11°51	16° 7	23°50	26°D50	28°15	23°36	8°40	T 8
W 9	9 38 21	26°16'23	14°42	15°54	4°27	26°40	17°20	6°43	11°49	16° 9	23°51	26°50	28°12	23°43	8°44	W 9
T 10	9 42 18	27°16'33	27°47	17°38	4°51	27°26	17°35	6°38	11°46	16°11	23°53	26°R51	28° 9	23°50	8°47	T 10
F 11	9 46 14	28°16'41	10♐31	19°23	5°12	28°11	17°49	6°34	11°44	16°13	23°54	26°50	28° 6	23°56	8°51	F 11
S 12	9 50 11	29°16'48	22°57	21°10	5°32	28°56	18° 3	6°29	11°41	16°15	23°56	26°47	28° 2	24° 3	8°55	S 12
S 13	9 54 8	0♓16'54	5♑10	22°58	5°50	29°41	18°18	6°24	11°39	16°18	23°58	26°42	27°59	24°10	8°58	S 13
M14	9 58 4	1°16'57	17°14	24°46	6° 5	0♈26	18°32	6°20	11°37	16°20	23°59	26°34	27°56	24°17	9° 2	M14
T 15	10 2 1	2°16'59	29°11	26°36	6°19	1°11	18°46	6°15	11°34	16°22	24° 1	26°24	27°53	24°23	9° 6	T 15
W16	10 5 57	3°16'59	11♒ 4	28°27	6°30	1°55	19° 0	6°10	11°32	16°24	24° 2	26°14	27°50	24°30	9° 9	W16
T 17	10 9 54	4°16'57	22°55	0♓19	6°40	2°40	19°15	6° 5	11°29	16°26	24° 4	26° 3	27°46	24°37	9°13	T 17
F 18	10 13 50	5°16'53	4♓46	2°12	6°47	3°25	19°29	6° 1	11°27	16°29	24° 5	25°53	27°43	24°43	9°16	F 18
S 19	10 17 47	6°16'47	16°38	4° 6	6°51	4°10	19°43	5°56	11°25	16°31	24° 7	25°45	27°40	24°50	9°20	S 19
S 20	10 21 43	7°16'39	28°33	6° 1	6°R54	4°54	19°57	5°51	11°22	16°33	24° 8	25°39	27°37	24°57	9°24	S 20
M21	10 25 40	8°16'29	10♈34	7°57	6°53	5°39	20°11	5°46	11°20	16°35	24°10	25°36	27°34	25° 4	9°27	M21
T 22	10 29 37	9°16'17	22°41	9°54	6°51	6°24	20°25	5°41	11°18	16°38	24°11	25°D34	27°31	25°10	9°31	T 22
W23	10 33 33	10°16'03	4♉59	11°52	6°46	7° 8	20°39	5°37	11°16	16°40	24°13	25°35	27°27	25°17	9°35	W23
T 24	10 37 30	11°15'46	17°31	13°51	6°38	7°53	20°53	5°32	11°14	16°42	24°14	25°36	27°24	25°24	9°38	T 24
F 25	10 41 26	12°15'27	0♊21	15°50	6°28	8°37	21° 7	5°27	11°11	16°45	24°16	25°37	27°21	25°30	9°42	F 25
S 26	10 45 23	13°15'06	13°32	17°50	6°15	9°22	21°21	5°23	11° 9	16°47	24°17	25°R38	27°18	25°37	9°46	S 26
S 27	10 49 19	14°14'42	27° 7	19°50	6° 0	10° 6	21°35	5°18	11° 7	16°49	24°18	25°37	27°15	25°44	9°49	S 27
M28	10 53 16	15♓14'16	11♋ 9	21♓50	5♈43	10♈50	21♒49	5♍13	11♌ 5	16♓51	24♑20	25♈35	27♈12	25♒51	9♓53	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s27	27n24	4n57	21s29	1s50	3n32	3n43	4s17	0s37	17s 3	0s47	10n52	2n 9	17n56	0n44	6s47	1s17	26s 4	4s39	10n40	11n 2	18s25	4s 0	4n52
W 2	15 8	24 42	5 1	21 9	1 54	3 56	3 53	3 59	0 36	16 59	0 48	10 54	2 9	17 57	0 44	6 47	1 17	26 4	4 39	10 36	11 1	18 22	3 59	4 52
T 3	14 49	20 13	4 44	20 48	1 57	4 19	4 2	3 40	0 35	16 55	0 48	10 55	2 9	17 58	0 44	6 46	1 17	26 4	4 39	10 32	11 0	18 19	3 57	4 52
F 4	14 29	14 24	4 6	20 26	1 59	4 41	4 12	3 21	0 34	16 50	0 48	10 57	2 9	17 58	0 44	6 45	1 17	26 3	4 39	10 29	10 59	18 17	3 56	4 52
S 5	14 10	7 45	3 11	20 2	2 2	5 3	4 22	3 3	0 34	16 46	0 48	10 59	2 10	17 59	0 44	6 44	1 17	26 3	4 40	10 26	10 58	18 14	3 55	4 52
S 6	13 50	0 48	2 4	19 36	2 4	5 24	4 32	2 44	0 33	16 42	0 48	11 1	2 10	18 0	0 44	6 43	1 17	26 3	4 40	10 25	10 57	18 12	3 54	4 52
M 7	13 30	6s 0	0 51	19 9	2 5	5 45	4 43	2 25	0 32	16 38	0 48	11 3	2 10	18 1	0 44	6 42	1 17	26 3	4 40	10 24	10 56	18 9	3 53	4 52
T 8	13 10	12 19	0s23	18 40	2 6	6 5	4 53	2 7	0 32	16 33	0 48	11 4	2 10	18 1	0 44	6 42	1 17	26 3	4 40	10 24	10 55	18 6	3 51	4 52
W 9	12 50	17 50	1 34	18 10	2 7	6 24	5 3	1 48	0 31	16 29	0 48	11 6	2 10	18 2	0 44	6 41	1 17	26 3	4 40	10 24	10 53	18 4	3 50	4 51
T 10	12 29	22 20	2 37	17 39	2 7	6 43	5 13	1 29	0 30	16 25	0 48	11 8	2 10	18 3	0 44	6 40	1 17	26 2	4 40	10 24	10 52	18 1	3 49	4 51
F 11	12 8	25 38	3 31	17 5	2 7	7 1	5 23	1 11	0 29	16 20	0 48	11 10	2 10	18 3	0 44	6 39	1 17	26 2	4 40	10 24	10 51	17 58	3 48	4 51
S 12	11 47	27 36	4 14	16 30	2 6	7 18	5 33	0 52	0 29	16 16	0 48	11 12	2 10	18 4	0 44	6 38	1 17	26 2	4 41	10 23	10 50	17 56	3 46	4 51
S 13	11 26	28 12	4 44	15 54	2 5	7 35	5 44	0 33	0 28	16 12	0 49	11 14	2 10	18 5	0 44	6 37	1 17	26 2	4 41	10 21	10 49	17 53	3 45	4 51
M14	11 5	27 25	5 1	15 16	2 3	7 50	5 54	0 15	0 27	16 7	0 49	11 15	2 11	18 5	0 44	6 36	1 17	26 2	4 41	10 18	10 48	17 51	3 44	4 51
T 15	10 43	25 23	5 4	14 37	2 1	8 5	6 4	0n 4	0 27	16 3	0 49	11 17	2 11	18 6	0 44	6 36	1 17	26 2	4 41	10 15	10 47	17 48	3 43	4 51
W16	10 21	22 16	4 55	13 56	1 58	8 18	6 14	0 22	0 26	15 59	0 49	11 19	2 11	18 7	0 44	6 35	1 17	26 2	4 41	10 11	10 45	17 45	3 41	4 51
T 17	9 59	18 14	4 33	13 13	1 55	8 31	6 23	0 41	0 25	15 54	0 49	11 21	2 11	18 7	0 44	6 34	1 17	26 2	4 41	10 7	10 44	17 43	3 40	4 51
F 18	9 37	13 30	3 58	12 29	1 52	8 43	6 33	1 0	0 24	15 50	0 49	11 23	2 11	18 8	0 44	6 33	1 17	26 1	4 42	10 3	10 43	17 40	3 39	4 51
S 19	9 15	8 16	3 14	11 43	1 47	8 53	6 43	1 18	0 24	15 46	0 49	11 25	2 11	18 9	0 44	6 32	1 17	26 1	4 42	10 0	10 42	17 37	3 37	4 51
S 20	8 53	2 43	2 20	10 56	1 43	9 3	6 52	1 37	0 23	15 41	0 49	11 27	2 11	18 9	0 44	6 31	1 17	26 1	4 42	9 58	10 41	17 35	3 36	4 51
M21	8 31	2n58	1 20	10 8	1 37	9 11	7 1	1 55	0 22	15 37	0 49	11 28	2 11	18 10	0 44	6 30	1 17	26 1	4 42	9 57	10 40	17 32	3 35	4 51
T 22	8 8	8 38	0 16	9 18	1 31	9 18	7 10	2 13	0 22	15 32	0 49	11 30	2 11	18 11	0 43	6 29	1 17	26 1	4 42	9 56	10 39	17 29	3 33	4 51
W23	7 45	14 3	0n51	8 27	1 25	9 24	7 18	2 32	0 21	15 28	0 50	11 32	2 11	18 11	0 43	6 29	1 17	26 1	4 42	9 56	10 37	17 27	3 32	4 51
T 24	7 23	19 0	1 56	7 35	1 18	9 28	7 26	2 50	0 20	15 24	0 50	11 34	2 11	18 12	0 43	6 28	1 17	26 1	4 43	9 57	10 36	17 24	3 31	4 50
F 25	7 0	23 13	2 57	6 42	1 10	9 31	7 34	3 8	0 19	15 19	0 50	11 36	2 11	18 12	0 43	6 27	1 17	26 1	4 43	9 57	10 35	17 21	3 29	4 50
S 26	6 37	26 21	3 50	5 47	1 2	9 33	7 41	3 26	0 19	15 15	0 50	11 37	2 11	18 13	0 43	6 26	1 17	26 1	4 43	9 58	10 34	17 18	3 28	4 50
S 27	6 14	28 5	4 33	4 52	0 54	9 33	7 48	3 45	0 18	15 10	0 50	11 39	2 11	18 13	0 43	6 25	1 17	26 1	4 43	9 57	10 33	17 16	3 27	4 50
M28	5s51	28n 5	5n 0	3s56	0s44	9n32	7n54	4n 3	0s17	15s 6	0s50	11n41	2n11	18n14	0n43	6s24	1s17	26s 1	4s43	9n56	10n32	17s13	3s25	4n50

Julian Day Number = 2099853.5, Delta T = 21m34s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'06, Lahiri = 10°26'07 Julian Calendar 1 Feb. 1037 == Greg. Calendar 7 Feb. 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

MARCH 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 57 12	16♓13'48	25♋37	23♓51	5°R23	11♈35	22♒ 3	5°R 9	11°R 3	16♓54	24♉21	25°R30	27♈ 8	25♒57	9♓57	T 1
W 2	11 1 9	17°13'18	10♌27	25°50	5♈ 0	12°19	22°16	5♍ 4	11♌ 1	16°56	24°22	25♈25	27° 5	26° 4	10° 0	W 2
T 3	11 5 6	18°12'45	25°33	27°50	4°36	13° 3	22°30	4°59	10°59	16°58	24°24	25°20	27° 2	26°11	10° 4	T 3
F 4	11 9 2	19°12'09	10♍45	29°48	4° 9	13°47	22°44	4°55	10°57	17° 0	24°25	25°14	26°59	26°17	10° 8	F 4
S 5	11 12 59	20°11'32	25°54	1♈45	3°40	14°31	22°57	4°50	10°55	17° 3	24°26	25°10	26°56	26°24	10°11	S 5
S 6	11 16 55	21°10'52	10♎50	3°40	3°10	15°15	23°11	4°46	10°54	17° 5	24°27	25° 8	26°52	26°31	10°15	S 6
M 7	11 20 52	22°10'11	25°24	5°33	2°38	15°59	23°24	4°41	10°52	17° 7	24°28	25°D 7	26°49	26°37	10°18	M 7
T 8	11 24 48	23° 9'27	9♏33	7°24	2° 4	16°43	23°38	4°37	10°50	17° 9	24°29	25° 8	26°46	26°44	10°22	T 8
W 9	11 28 45	24° 8'42	23°14	9°12	1°29	17°27	23°51	4°33	10°48	17°12	24°31	25° 9	26°43	26°51	10°26	W 9
T 10	11 32 41	25° 7'55	6♐28	10°56	0°53	18°11	24° 5	4°28	10°47	17°14	24°32	25°11	26°40	26°58	10°29	T 10
F 11	11 36 38	26° 7'07	19°18	12°37	0°16	18°55	24°18	4°24	10°45	17°16	24°33	25°12	26°37	27° 4	10°33	F 11
S 12	11 40 34	27° 6'16	1♑47	14°14	29♓38	19°38	24°31	4°20	10°44	17°19	24°34	25°R12	26°33	27°11	10°36	S 12
S 13	11 44 31	28° 5'24	14° 1	15°46	29° 0	20°22	24°45	4°16	10°42	17°21	24°35	25°11	26°30	27°18	10°40	S 13
M14	11 48 28	29° 4'29	26° 3	17°13	28°22	21° 6	24°58	4°12	10°41	17°23	24°36	25° 9	26°27	27°24	10°43	M14
T 15	11 52 24	0♈ 3'33	7♒57	18°35	27°45	21°49	25°11	4° 8	10°39	17°25	24°37	25° 5	26°24	27°31	10°47	T 15
W16	11 56 21	1° 2'35	19°48	19°52	27° 7	22°33	25°24	4° 4	10°38	17°27	24°38	25° 1	26°21	27°38	10°50	W16
T 17	12 0 17	2° 1'35	1♓38	21° 4	26°31	23°16	25°37	4° 0	10°36	17°30	24°39	24°57	26°17	27°44	10°54	T 17
F 18	12 4 14	3° 0'33	13°31	22° 9	25°55	24° 0	25°50	3°56	10°35	17°32	24°40	24°53	26°14	27°51	10°57	F 18
S 19	12 8 10	3°59'29	25°28	23° 9	25°20	24°43	26° 3	3°52	10°34	17°34	24°41	24°50	26°11	27°58	11° 1	S 19
S 20	12 12 7	4°58'23	7♈31	24° 2	24°47	25°27	26°16	3°48	10°33	17°36	24°41	24°48	26° 8	28° 5	11° 4	S 20
M21	12 16 3	5°57'15	19°42	24°49	24°15	26°10	26°28	3°45	10°31	17°38	24°42	24°D48	26° 5	28°11	11° 8	M21
T 22	12 20 0	6°56'05	2♉ 3	25°30	23°45	26°53	26°41	3°41	10°30	17°41	24°43	24°48	26° 2	28°18	11°11	T 22
W23	12 23 57	7°54'53	14°36	26° 4	23°16	27°37	26°54	3°37	10°29	17°43	24°44	24°48	25°58	28°25	11°14	W23
T 24	12 27 53	8°53'39	27°21	26°32	22°50	28°20	27° 6	3°34	10°28	17°45	24°45	24°50	25°55	28°31	11°18	T 24
F 25	12 31 50	9°52'22	10♊21	26°54	22°26	29° 3	27°19	3°31	10°27	17°47	24°45	24°51	25°52	28°38	11°21	F 25
S 26	12 35 46	10°51'03	23°39	27° 9	22° 4	29°46	27°31	3°27	10°26	17°49	24°46	24°52	25°49	28°45	11°24	S 26
S 27	12 39 43	11°49'42	7♋14	27°17	21°44	0♉29	27°43	3°24	10°25	17°51	24°47	24°R52	25°46	28°51	11°28	S 27
M28	12 43 39	12°48'19	21° 9	27°R20	21°26	1°12	27°56	3°21	10°25	17°54	24°47	24°52	25°43	28°58	11°31	M28
T 29	12 47 36	13°46'53	5♌22	27°16	21°11	1°55	28° 8	3°18	10°24	17°56	24°48	24°52	25°39	29° 5	11°34	T 29
W30	12 51 32	14°45'25	19°52	27° 7	20°59	2°38	28°20	3°15	10°23	17°58	24°49	24°51	25°36	29°12	11°37	W30
T 31	12 55 29	15♈43'55	4♍35	26♈52	20♓48	3♉21	28♒32	3♍12	10♌22	18♓ 0	24♉49	24♈50	25♈33	29♒18	11♓40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s28	26n12	5n10	2s59	0s34	9n29	8n 0	4n21	0s17	15s 2	0s50	11n43	2n11	18n15	0n43	6s23	1s17	26s 0	4s43	9n55	10n30	17s10	3s24	4n50
W 2	5 4	22 31	5 0	2 2	0 24	9 24	8 5	4 39	0 16	14 57	0 50	11 44	2 11	18 15	0 43	6 22	1 17	26 0	4 44	9 53	10 29	17 8	3 23	4 50
T 3	4 41	17 17	4 28	1 4	0 14	9 19	8 9	4 57	0 15	14 53	0 51	11 46	2 11	18 16	0 43	6 21	1 17	26 0	4 44	9 51	10 28	17 5	3 21	4 50
F 4	4 18	10 56	3 38	0 7	0 2	9 11	8 13	5 15	0 15	14 49	0 51	11 48	2 11	18 16	0 43	6 21	1 17	26 0	4 44	9 49	10 27	17 2	3 20	4 50
S 5	3 54	3 58	2 32	0n50	0n 9	9 2	8 16	5 32	0 14	14 44	0 51	11 49	2 11	18 17	0 43	6 20	1 17	26 0	4 44	9 47	10 26	16 59	3 18	4 50
S 6	3 31	3s 7	1 17	1 47	0 21	8 52	8 18	5 50	0 13	14 40	0 51	11 51	2 11	18 17	0 43	6 19	1 17	26 0	4 44	9 47	10 25	16 57	3 17	4 50
M 7	3 7	9 54	0s 2	2 43	0 33	8 40	8 19	6 8	0 13	14 36	0 51	11 53	2 11	18 18	0 43	6 18	1 17	26 0	4 45	9 46	10 24	16 54	3 16	4 50
T 8	2 44	15 59	1 18	3 38	0 45	8 27	8 19	6 25	0 12	14 31	0 51	11 54	2 11	18 18	0 43	6 17	1 17	26 0	4 45	9 47	10 22	16 51	3 14	4 50
W 9	2 20	21 4	2 28	4 32	0 57	8 12	8 19	6 43	0 11	14 27	0 51	11 56	2 11	18 18	0 43	6 16	1 17	26 0	4 45	9 47	10 21	16 48	3 13	4 50
T 10	1 57	24 54	3 27	5 25	1 9	7 57	8 17	7 0	0 10	14 22	0 52	11 57	2 11	18 19	0 43	6 15	1 17	26 0	4 45	9 48	10 20	16 46	3 12	4 50
F 11	1 33	27 21	4 14	6 15	1 21	7 40	8 15	7 18	0 10	14 18	0 52	11 59	2 11	18 19	0 43	6 14	1 17	26 0	4 45	9 48	10 19	16 43	3 10	4 50
S 12	1 9	28 21	4 48	7 4	1 33	7 22	8 12	7 35	0 9	14 14	0 52	12 1	2 11	18 20	0 43	6 14	1 17	26 0	4 46	9 48	10 18	16 40	3 9	4 50
S 13	0 46	27 55	5 7	7 51	1 45	7 3	8 7	7 52	0 8	14 10	0 52	12 2	2 11	18 20	0 43	6 13	1 17	26 0	4 46	9 48	10 17	16 37	3 8	4 51
M14	0 22	26 11	5 13	8 35	1 56	6 43	8 2	8 9	0 8	14 5	0 52	12 3	2 11	18 21	0 43	6 12	1 17	26 0	4 46	9 47	10 15	16 35	3 6	4 51
T 15	0n 1	23 17	5 6	9 16	2 6	6 22	7 56	8 26	0 7	14 1	0 52	12 5	2 11	18 21	0 43	6 11	1 17	26 0	4 46	9 46	10 14	16 32	3 5	4 51
W16	0 25	19 27	4 45	9 55	2 17	6 1	7 49	8 43	0 6	13 57	0 52	12 6	2 11	18 21	0 43	6 10	1 17	26 0	4 46	9 44	10 13	16 29	3 4	4 51
T 17	0 49	14 52	4 12	10 31	2 26	5 39	7 41	9 0	0 6	13 52	0 53	12 8	2 11	18 22	0 43	6 9	1 17	26 0	4 47	9 43	10 12	16 26	3 2	4 51
F 18	1 12	9 43	3 28	11 4	2 35	5 17	7 33	9 17	0 5	13 48	0 53	12 9	2 11	18 22	0 43	6 8	1 17	26 0	4 47	9 41	10 11	16 23	3 1	4 51
S 19	1 36	4 11	2 35	11 33	2 43	4 55	7 24	9 33	0 4	13 44	0 53	12 10	2 11	18 22	0 43	6 8	1 18	26 0	4 47	9 40	10 10	16 21	2 59	4 51
S 20	1 59	1n34	1 34	12 0	2 50	4 33	7 14	9 50	0 4	13 40	0 53	12 12	2 11	18 23	0 43	6 7	1 18	26 0	4 47	9 39	10 9	16 18	2 58	4 51
M21	2 23	7 19	0 28	12 23	2 56	4 11	7 3	10 6	0 3	13 35	0 53	12 13	2 11	18 23	0 43	6 6	1 18	26 0	4 47	9 39	10 7	16 15	2 57	4 51
T 22	2 46	12 53	0n40	12 43	3 1	3 48	6 52	10 23	0 2	13 31	0 53	12 14	2 11	18 23	0 43	6 5	1 18	26 0	4 48	9 39	10 6	16 12	2 55	4 51
W23	3 9	18 0	1 47	12 59	3 5	3 27	6 41	10 39	0 2	13 27	0 54	12 16	2 11	18 23	0 43	6 4	1 18	26 0	4 48	9 39	10 5	16 9	2 54	4 51
T 24	3 33	22 26	2 50	13 12	3 7	3 5	6 29	10 55	0 1	13 23	0 54	12 17	2 11	18 24	0 43	6 3	1 18	26 1	4 48	9 40	10 4	16 7	2 53	4 51
F 25	3 56	25 51	3 46	13 21	3 9	2 44	6 16	11 11	0 0	13 19	0 54	12 18	2 11	18 24	0 43	6 3	1 18	26 1	4 48	9 40	10 3	16 4	2 51	4 51
S 26	4 19	27 55	4 31	13 27	3 9	2 24	6 3	11 27	0n 0	13 15	0 54	12 19	2 10	18 24	0 43	6 2	1 18	26 1	4 48	9 41	10 2	16 1	2 50	4 51
S 27	4 42	28 23	5 2	13 29	3 8	2 4	5 50	11 43	0 1	13 11	0 54	12 20	2 10	18 24	0 43	6 1	1 18	26 1	4 49	9 41	10 0	15 58	2 49	4 51
M28	5 5	27 5	5 16	13 27	3 5	1 45	5 37	11 59	0 2	13 6	0 54	12 21	2 10	18 24	0 43	6 0	1 18	26 1	4 49	9 41	9 59	15 55	2 47	4 51
T 29	5 28	24 3	5 11	13 22	3 1	1 27	5 24	12 14	0 2	13 2	0 55	12 22	2 10	18 25	0 43	5 59	1 18	26 1	4 49	9 41	9 58	15 53	2 46	4 52
W30	5 51	19 28	4 47	13 14	2 56	1 9	5 10	12 30	0 3	12 58	0 55	12 23	2 10	18 25	0 43	5 59	1 18	26 1	4 49	9 40	9 57	15 50	2 45	4 52
T 31	6n13	13n39	4n 4	13n 2	2n49	0n53	4n57	12n45	0n 3	12s54	0s55	12n24	2n10	18n25	0n43	5s58	1s18	26s 1	4s49	9n40	9n56	15s47	2s44	4n52

Julian Day Number = 2099881.5, Delta T = 21m34s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'10, Lahiri = 10°26'10 Julian Calendar 1 March 1037 == Greg. Calendar 7 March 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

APRIL 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 59 26	16♈42'22	19♍25	26°R33	20°R41	4♉ 3	28♒44	3°R 9	10°R22	18♓ 2	24♑50	24°R49	25♈30	29♒25	11♓43	F 1
S 2	13 3 22	17°40'48	4♎14	26♈ 8	20♓35	4°46	28°56	3♍ 7	10♌21	18° 4	24°50	24♈48	25°27	29°32	11°47	S 2
S 3	13 7 19	18°39'11	18°56	25°39	20°32	5°29	29° 7	3° 4	10°21	18° 6	24°51	24°D48	25°23	29°38	11°50	S 3
M 4	13 11 15	19°37'33	3♏23	25° 7	20°D32	6°11	29°19	3° 1	10°20	18° 8	24°51	24°48	25°20	29°45	11°53	M 4
T 5	13 15 12	20°35'53	17°30	24°32	20°34	6°54	29°31	2°59	10°20	18°10	24°52	24°48	25°17	29°52	11°56	T 5
W 6	13 19 8	21°34'11	1♐13	23°55	20°38	7°36	29°42	2°57	10°20	18°12	24°52	24°48	25°14	29°58	11°59	W 6
T 7	13 23 5	22°32'27	14°32	23°16	20°45	8°19	29°54	2°54	10°19	18°14	24°52	24°49	25°11	0♓ 5	12° 2	T 7
F 8	13 27 1	23°30'42	27°28	22°36	20°53	9° 1	0♓ 5	2°52	10°19	18°16	24°53	24°49	25° 8	0°12	12° 5	F 8
S 9	13 30 58	24°28'56	10♑ 2	21°56	21° 4	9°44	0°16	2°50	10°19	18°18	24°53	24°R49	25° 4	0°19	12° 8	S 9
S 10	13 34 55	25°27'08	22°19	21°17	21°17	10°26	0°27	2°48	10°19	18°20	24°53	24°D49	25° 1	0°25	12°10	S 10
M11	13 38 51	26°25'18	4♒23	20°40	21°32	11° 8	0°38	2°46	10°19	18°22	24°54	24°49	24°58	0°32	12°13	M11
T 12	13 42 48	27°23'27	16°18	20° 4	21°49	11°51	0°49	2°44	10°D19	18°23	24°54	24°49	24°55	0°39	12°16	T 12
W13	13 46 44	28°21'34	28° 9	19°30	22° 8	12°33	1° 0	2°43	10°19	18°25	24°54	24°49	24°52	0°45	12°19	W13
T 14	13 50 41	29°19'40	10♓ 0	19° 0	22°29	13°15	1°11	2°41	10°19	18°27	24°54	24°50	24°49	0°52	12°22	T 14
F 15	13 54 37	0♉17'44	21°56	18°33	22°51	13°57	1°21	2°40	10°19	18°29	24°54	24°50	24°45	0°59	12°24	F 15
S 16	13 58 34	1°15'46	3♈58	18°10	23°15	14°39	1°32	2°38	10°19	18°31	24°55	24°51	24°42	1° 5	12°27	S 16
S 17	14 2 30	2°13'47	16°11	17°51	23°41	15°21	1°42	2°37	10°19	18°32	24°55	24°51	24°39	1°12	12°30	S 17
M18	14 6 27	3°11'47	28°36	17°36	24° 9	16° 3	1°53	2°36	10°20	18°34	24°55	24°R51	24°36	1°19	12°32	M18
T 19	14 10 23	4° 9'45	11♉14	17°26	24°38	16°45	2° 3	2°35	10°20	18°36	24°55	24°51	24°33	1°26	12°35	T 19
W20	14 14 20	5° 7'41	24° 7	17°20	25° 8	17°27	2°13	2°34	10°20	18°38	24°R55	24°50	24°29	1°32	12°37	W20
T 21	14 18 17	6° 5'36	7♊14	17°D19	25°40	18° 9	2°23	2°33	10°21	18°39	24°55	24°49	24°26	1°39	12°40	T 21
F 22	14 22 13	7° 3'29	20°35	17°23	26°13	18°51	2°33	2°32	10°21	18°41	24°55	24°47	24°23	1°46	12°42	F 22
S 23	14 26 10	8° 1'20	4♋ 9	17°31	26°48	19°32	2°43	2°31	10°22	18°43	24°55	24°46	24°20	1°52	12°45	S 23
S 24	14 30 6	8°59'10	17°55	17°44	27°24	20°14	2°52	2°31	10°23	18°44	24°55	24°44	24°17	1°59	12°47	S 24
M25	14 34 3	9°56'58	1♌53	18° 2	28° 1	20°56	3° 2	2°30	10°23	18°46	24°55	24°44	24°14	2° 6	12°49	M25
T 26	14 37 59	10°54'44	16° 1	18°24	28°39	21°37	3°11	2°30	10°24	18°47	24°54	24°D44	24°10	2°12	12°52	T 26
W27	14 41 56	11°52'28	0♍17	18°50	29°18	22°19	3°20	2°30	10°25	18°49	24°54	24°44	24° 7	2°19	12°54	W27
T 28	14 45 53	12°50'11	14°38	19°20	29°58	23° 1	3°30	2°29	10°26	18°50	24°54	24°45	24° 4	2°26	12°56	T 28
F 29	14 49 49	13°47'51	29° 2	19°54	0♈40	23°42	3°39	2°D29	10°26	18°52	24°54	24°47	24° 1	2°32	12°58	F 29
S 30	14 53 46	14♉45'30	13♎24	20♈32	1♈22	24♉23	3♓48	2♍29	10♌27	18♓53	24♑54	24♈47	23♈58	2♓39	13♓ 0	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n36	7n 2	3n 4	12n47	2n41	0n37	4n43	13n 0	0n 4	12s50	0s55	12n25	2n10	18n25	0n43	5s57	1s18	26s 1	4s50	9n40	9n55	15s44	2s42	4n52
S 2	6 58	0 1	1 52	12 30	2 31	0 23	4 29	13 15	0 5	12 46	0 55	12 26	2 10	18 25	0 43	5 56	1 18	26 1	4 50	9 39	9 53	15 41	2 41	4 52
S 3	7 21	6s57	0 32	12 9	2 21	0 9	4 16	13 30	0 5	12 42	0 55	12 27	2 10	18 25	0 43	5 55	1 18	26 1	4 50	9 39	9 52	15 38	2 40	4 52
M 4	7 43	13 27	0s47	11 46	2 8	0s 4	4 2	13 45	0 6	12 38	0 56	12 28	2 10	18 25	0 42	5 55	1 18	26 2	4 50	9 39	9 51	15 35	2 38	4 52
T 5	8 5	19 6	2 3	11 20	1 55	0 15	3 49	14 0	0 7	12 35	0 56	12 28	2 9	18 26	0 42	5 54	1 18	26 2	4 50	9 39	9 50	15 33	2 37	4 52
W 6	8 27	23 35	3 9	10 53	1 41	0 26	3 36	14 14	0 7	12 31	0 56	12 29	2 9	18 26	0 42	5 53	1 18	26 2	4 51	9 39	9 49	15 30	2 36	4 52
T 7	8 49	26 40	4 2	10 25	1 26	0 35	3 23	14 29	0 8	12 27	0 56	12 30	2 9	18 26	0 42	5 52	1 18	26 2	4 51	9 39	9 48	15 27	2 35	4 53
F 8	9 11	28 14	4 42	9 55	1 10	0 43	3 10	14 43	0 9	12 23	0 56	12 31	2 9	18 26	0 42	5 52	1 18	26 2	4 51	9 40	9 46	15 24	2 33	4 53
S 9	9 32	28 17	5 7	9 25	0 53	0 51	2 57	14 57	0 9	12 19	0 57	12 31	2 9	18 26	0 42	5 51	1 18	26 2	4 51	9 40	9 45	15 21	2 32	4 53
S 10	9 54	26 55	5 17	8 55	0 37	0 57	2 45	15 11	0 10	12 15	0 57	12 32	2 9	18 26	0 42	5 50	1 18	26 2	4 52	9 40	9 44	15 18	2 31	4 53
M11	10 15	24 19	5 13	8 25	0 20	1 2	2 33	15 25	0 10	12 12	0 57	12 32	2 9	18 26	0 42	5 49	1 18	26 3	4 52	9 40	9 43	15 15	2 30	4 53
T 12	10 36	20 43	4 55	7 55	0 2	1 7	2 21	15 39	0 11	12 8	0 57	12 33	2 9	18 26	0 42	5 49	1 18	26 3	4 52	9 40	9 42	15 12	2 29	4 53
W13	10 57	16 19	4 25	7 27	0s15	1 10	2 9	15 52	0 12	12 4	0 57	12 33	2 8	18 26	0 42	5 48	1 18	26 3	4 52	9 40	9 41	15 9	2 27	4 53
T 14	11 18	11 18	3 44	7 0	0 31	1 12	1 57	16 6	0 12	12 1	0 58	12 34	2 8	18 26	0 42	5 47	1 18	26 3	4 52	9 40	9 39	15 7	2 26	4 54
F 15	11 38	5 52	2 53	6 34	0 48	1 14	1 46	16 19	0 13	11 57	0 58	12 34	2 8	18 25	0 42	5 47	1 18	26 3	4 53	9 40	9 38	15 4	2 25	4 54
S 16	11 59	0 9	1 53	6 11	1 3	1 14	1 35	16 32	0 13	11 53	0 58	12 35	2 8	18 25	0 42	5 46	1 18	26 4	4 53	9 40	9 37	15 1	2 24	4 54
S 17	12 19	5n40	0 48	5 50	1 18	1 14	1 24	16 45	0 14	11 50	0 58	12 35	2 8	18 25	0 42	5 45	1 18	26 4	4 53	9 40	9 36	14 58	2 23	4 54
M18	12 39	11 21	0n21	5 31	1 33	1 12	1 14	16 58	0 15	11 46	0 59	12 35	2 8	18 25	0 42	5 45	1 18	26 4	4 53	9 40	9 35	14 55	2 22	4 54
T 19	12 58	16 42	1 30	5 14	1 47	1 10	1 4	17 10	0 15	11 43	0 59	12 35	2 8	18 25	0 42	5 44	1 18	26 4	4 54	9 40	9 34	14 52	2 21	4 54
W20	13 18	21 24	2 35	5 0	1 59	1 7	0 54	17 23	0 16	11 39	0 59	12 36	2 7	18 25	0 42	5 43	1 18	26 4	4 54	9 40	9 32	14 49	2 19	4 55
T 21	13 37	25 8	3 34	4 49	2 11	1 3	0 44	17 35	0 16	11 36	0 59	12 36	2 7	18 25	0 42	5 43	1 18	26 5	4 54	9 40	9 31	14 46	2 18	4 55
F 22	13 57	27 35	4 22	4 40	2 22	0 59	0 35	17 48	0 17	11 33	0 59	12 36	2 7	18 25	0 42	5 42	1 19	26 5	4 54	9 39	9 30	14 43	2 17	4 55
S 23	14 15	28 26	4 56	4 34	2 32	0 53	0 26	18 0	0 18	11 29	1 0	12 36	2 7	18 24	0 42	5 42	1 19	26 5	4 54	9 38	9 29	14 40	2 16	4 55
S 24	14 34	27 32	5 14	4 30	2 42	0 47	0 17	18 11	0 18	11 26	1 0	12 36	2 7	18 24	0 42	5 41	1 19	26 5	4 55	9 38	9 28	14 37	2 15	4 55
M25	14 53	24 56	5 13	4 30	2 50	0 40	0 8	18 23	0 19	11 23	1 0	12 36	2 7	18 24	0 42	5 40	1 19	26 5	4 55	9 38	9 27	14 34	2 14	4 55
T 26	15 11	20 48	4 54	4 31	2 57	0 33	0s 0	18 35	0 19	11 20	1 0	12 36	2 6	18 24	0 42	5 40	1 19	26 6	4 55	9 38	9 25	14 32	2 13	4 56
W27	15 29	15 26	4 17	4 35	3 3	0 25	0 9	18 46	0 20	11 17	1 1	12 36	2 6	18 24	0 42	5 39	1 19	26 6	4 55	9 38	9 24	14 29	2 12	4 56
T 28	15 46	9 13	3 24	4 42	3 9	0 16	0 16	18 57	0 20	11 13	1 1	12 36	2 6	18 23	0 42	5 39	1 19	26 6	4 55	9 38	9 23	14 26	2 11	4 56
F 29	16 4	2 29	2 17	4 50	3 13	0 6	0 24	19 8	0 21	11 10	1 1	12 36	2 6	18 23	0 42	5 38	1 19	26 6	4 56	9 39	9 22	14 23	2 10	4 56
S 30	16n21	4s22	1n 2	5n 1	3s17	0n 4	0s32	19n19	0n22	11s 7	1s 1	12n36	2n 6	18n23	0n42	5s38	1s19	26s 7	4s56	9n39	9n21	14s20	2s 9	4n56

Julian Day Number = 2099912.5, Delta T = 21m34s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'14, Lahiri = 10°26'15 Julian Calendar 1 Apr. 1037 == Greg. Calendar 7 Apr. 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

MAY 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 57 42	15♉43'08	27♎41	21♈15	2♈ 6	25♉ 5	3♓56	2♍30	10♌28	18♓55	24°R53	24°R48	23♈54	2♓46	13♓ 2	S 1
M 2	15 1 39	16°40'44	11♏47	22° 0	2°50	25°46	4° 5	2°30	10°29	18°56	24♑53	24♈47	23°51	2°53	13° 4	M 2
T 3	15 5 35	17°38'20	25°39	22°50	3°35	26°27	4°13	2°30	10°30	18°58	24°53	24°45	23°48	2°59	13° 6	T 3
W 4	15 9 32	18°35'53	9♐14	23°43	4°21	27° 9	4°22	2°31	10°32	18°59	24°52	24°42	23°45	3° 6	13° 8	W 4
T 5	15 13 28	19°33'26	22°29	24°39	5° 8	27°50	4°30	2°31	10°33	19° 0	24°52	24°39	23°42	3°13	13°10	T 5
F 6	15 17 25	20°30'58	5♑23	25°38	5°55	28°31	4°38	2°32	10°34	19° 2	24°52	24°35	23°39	3°19	13°12	F 6
S 7	15 21 22	21°28'29	17°59	26°41	6°44	29°12	4°46	2°33	10°35	19° 3	24°51	24°31	23°35	3°26	13°14	S 7
S 8	15 25 18	22°25'59	0♒18	27°47	7°33	29°53	4°54	2°33	10°37	19° 4	24°51	24°28	23°32	3°33	13°16	S 8
M 9	15 29 15	23°23'28	12°23	28°56	8°23	0♊34	5° 2	2°34	10°38	19° 6	24°50	24°26	23°29	3°39	13°17	M 9
T 10	15 33 11	24°20'56	24°19	0♉ 7	9°13	1°15	5° 9	2°35	10°39	19° 7	24°50	24°D26	23°26	3°46	13°19	T 10
W11	15 37 8	25°18'23	6♓10	1°22	10° 4	1°56	5°17	2°37	10°41	19° 8	24°49	24°26	23°23	3°53	13°21	W11
T 12	15 41 4	26°15'49	18° 2	2°40	10°56	2°37	5°24	2°38	10°42	19° 9	24°49	24°28	23°20	3°59	13°22	T 12
F 13	15 45 1	27°13'15	29°59	4° 0	11°49	3°18	5°31	2°39	10°44	19°10	24°48	24°29	23°16	4° 6	13°24	F 13
S 14	15 48 57	28°10'40	12♈ 6	5°23	12°42	3°59	5°38	2°41	10°46	19°11	24°47	24°31	23°13	4°13	13°25	S 14
S 15	15 52 54	29° 8'04	24°27	6°49	13°35	4°40	5°45	2°42	10°47	19°12	24°47	24°R31	23°10	4°20	13°27	S 15
M16	15 56 51	0♊ 5'27	7♉ 4	8°18	14°29	5°21	5°52	2°44	10°49	19°13	24°46	24°31	23° 7	4°26	13°28	M16
T 17	16 0 47	1° 2'50	19°59	9°49	15°24	6° 1	5°58	2°46	10°51	19°14	24°45	24°28	23° 4	4°33	13°29	T 17
W18	16 4 44	2° 0'12	3♊13	11°23	16°19	6°42	6° 4	2°48	10°53	19°15	24°45	24°24	23° 0	4°40	13°31	W18
T 19	16 8 40	2°57'33	16°45	13° 0	17°15	7°23	6°11	2°50	10°55	19°16	24°44	24°19	22°57	4°46	13°32	T 19
F 20	16 12 37	3°54'54	0♋32	14°39	18°11	8° 3	6°17	2°52	10°56	19°17	24°43	24°13	22°54	4°53	13°33	F 20
S 21	16 16 33	4°52'13	14°31	16°21	19° 7	8°44	6°23	2°54	10°58	19°18	24°42	24° 7	22°51	5° 0	13°34	S 21
S 22	16 20 30	5°49'32	28°38	18° 6	20° 4	9°24	6°28	2°56	11° 0	19°19	24°42	24° 1	22°48	5° 6	13°35	S 22
M23	16 24 26	6°46'49	12♌50	19°53	21° 1	10° 5	6°34	2°58	11° 3	19°20	24°41	23°57	22°45	5°13	13°36	M23
T 24	16 28 23	7°44'06	27° 3	21°43	21°59	10°45	6°39	3° 1	11° 5	19°20	24°40	23°55	22°41	5°20	13°37	T 24
W25	16 32 20	8°41'21	11♍15	23°35	22°57	11°26	6°44	3° 3	11° 7	19°21	24°39	23°D55	22°38	5°26	13°38	W25
T 26	16 36 16	9°38'36	25°23	25°30	23°56	12° 6	6°49	3° 6	11° 9	19°22	24°38	23°55	22°35	5°33	13°39	T 26
F 27	16 40 13	10°35'50	9♎27	27°27	24°55	12°46	6°54	3° 9	11°11	19°23	24°37	23°57	22°32	5°40	13°40	F 27
S 28	16 44 9	11°33'03	23°25	29°26	25°54	13°27	6°59	3°12	11°13	19°23	24°36	23°R57	22°29	5°47	13°41	S 28
S 29	16 48 6	12°30'15	7♏15	1♊28	26°53	14° 7	7° 4	3°15	11°16	19°24	24°36	23°56	22°26	5°53	13°41	S 29
M30	16 52 2	13°27'26	20°56	3°31	27°53	14°47	7° 8	3°18	11°18	19°25	24°35	23°54	22°22	6° 0	13°42	M30
T 31	16 55 59	14♊24'37	4♐26	5♊36	28♈53	15♊27	7♓12	3♍21	11♌20	19♓25	24♑34	23♈49	22♈19	6♓ 7	13♓43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n38	10s57	0s16	5n14	3s20	0n15	0s39	19n30	0n22	11s 4	1s 2	12n36	2n 6	18n22	0n42	5s37	1s19	26s 7	4s56	9n39	9n19	14s17	2s 8	4n57
M 2	16 55	16 55	1 32	5 30	3 22	0 26	0 46	19 40	0 23	11 1	1 2	12 35	2 6	18 22	0 42	5 37	1 19	26 7	4 56	9 39	9 18	14 14	2 7	4 57
T 3	17 11	21 53	2 42	5 47	3 23	0 38	0 52	19 51	0 23	10 58	1 2	12 35	2 5	18 22	0 42	5 36	1 19	26 7	4 57	9 38	9 17	14 11	2 6	4 57
W 4	17 27	25 35	3 40	6 6	3 24	0 50	0 59	20 1	0 24	10 56	1 2	12 35	2 5	18 21	0 41	5 36	1 19	26 8	4 57	9 37	9 16	14 8	2 5	4 57
T 5	17 43	27 46	4 26	6 27	3 23	1 3	1 5	20 11	0 24	10 53	1 3	12 34	2 5	18 21	0 41	5 35	1 19	26 8	4 57	9 36	9 15	14 5	2 4	4 57
F 6	17 58	28 23	4 56	6 50	3 22	1 17	1 11	20 20	0 25	10 50	1 3	12 34	2 5	18 21	0 41	5 35	1 19	26 8	4 57	9 34	9 14	14 2	2 3	4 58
S 7	18 14	27 29	5 11	7 14	3 20	1 31	1 17	20 30	0 26	10 47	1 3	12 34	2 5	18 20	0 41	5 34	1 19	26 9	4 57	9 33	9 12	13 59	2 3	4 58
S 8	18 29	25 16	5 12	7 40	3 18	1 45	1 22	20 40	0 26	10 45	1 3	12 33	2 5	18 20	0 41	5 34	1 19	26 9	4 58	9 32	9 11	13 56	2 2	4 58
M 9	18 43	21 56	4 58	8 7	3 14	2 0	1 28	20 49	0 27	10 42	1 4	12 33	2 4	18 19	0 41	5 33	1 19	26 9	4 58	9 31	9 10	13 53	2 1	4 58
T 10	18 57	17 45	4 32	8 36	3 10	2 15	1 33	20 58	0 27	10 40	1 4	12 32	2 4	18 19	0 41	5 33	1 19	26 9	4 58	9 31	9 9	13 50	2 0	4 58
W11	19 11	12 55	3 54	9 6	3 6	2 31	1 38	21 7	0 28	10 37	1 4	12 32	2 4	18 19	0 41	5 32	1 19	26 10	4 58	9 31	9 8	13 47	1 59	4 59
T 12	19 25	7 36	3 6	9 38	3 1	2 47	1 43	21 15	0 28	10 35	1 4	12 31	2 4	18 18	0 41	5 32	1 19	26 10	4 58	9 32	9 7	13 44	1 58	4 59
F 13	19 39	1 59	2 10	10 11	2 55	3 3	1 47	21 24	0 29	10 32	1 5	12 30	2 4	18 18	0 41	5 32	1 19	26 10	4 59	9 32	9 5	13 41	1 58	4 59
S 14	19 52	3n47	1 7	10 44	2 49	3 20	1 51	21 32	0 29	10 30	1 5	12 30	2 4	18 17	0 41	5 31	1 20	26 11	4 59	9 33	9 4	13 38	1 57	4 59
S 15	20 4	9 31	0 0	11 19	2 42	3 37	1 56	21 40	0 30	10 28	1 5	12 29	2 3	18 17	0 41	5 31	1 20	26 11	4 59	9 33	9 3	13 35	1 56	4 59
M16	20 17	15 1	1n 8	11 55	2 34	3 54	2 0	21 48	0 30	10 26	1 6	12 28	2 3	18 16	0 41	5 30	1 20	26 11	4 59	9 33	9 2	13 32	1 55	5 0
T 17	20 29	19 59	2 14	12 31	2 27	4 12	2 3	21 56	0 31	10 23	1 6	12 27	2 3	18 16	0 41	5 30	1 20	26 12	4 59	9 32	9 1	13 29	1 55	5 0
W18	20 40	24 6	3 15	13 8	2 18	4 30	2 7	22 4	0 31	10 21	1 6	12 26	2 3	18 15	0 41	5 30	1 20	26 12	5 0	9 31	8 59	13 26	1 54	5 0
T 19	20 52	26 59	4 6	13 46	2 9	4 48	2 10	22 11	0 32	10 19	1 6	12 26	2 3	18 15	0 41	5 29	1 20	26 12	5 0	9 29	8 58	13 23	1 53	5 0
F 20	21 3	28 17	4 43	14 24	2 0	5 6	2 14	22 18	0 32	10 17	1 7	12 25	2 3	18 14	0 41	5 29	1 20	26 13	5 0	9 26	8 57	13 20	1 53	5 1
S 21	21 13	27 49	5 5	15 3	1 50	5 25	2 17	22 25	0 33	10 15	1 7	12 24	2 2	18 14	0 41	5 29	1 20	26 13	5 0	9 24	8 56	13 17	1 52	5 1
S 22	21 24	25 34	5 8	15 42	1 40	5 44	2 20	22 32	0 33	10 13	1 7	12 23	2 2	18 13	0 41	5 29	1 20	26 13	5 0	9 22	8 55	13 14	1 51	5 1
M23	21 33	21 43	4 53	16 21	1 30	6 3	2 22	22 38	0 34	10 12	1 7	12 22	2 2	18 12	0 41	5 28	1 20	26 14	5 1	9 21	8 54	13 11	1 51	5 1
T 24	21 43	16 37	4 19	17 1	1 20	6 22	2 25	22 45	0 34	10 10	1 8	12 21	2 2	18 12	0 41	5 28	1 20	26 14	5 1	9 20	8 52	13 8	1 50	5 1
W25	21 52	10 37	3 30	17 40	1 9	6 42	2 27	22 51	0 35	10 8	1 8	12 20	2 2	18 11	0 41	5 28	1 20	26 14	5 1	9 20	8 51	13 5	1 50	5 2
T 26	22 1	4 6	2 28	18 18	0 58	7 1	2 29	22 57	0 35	10 7	1 8	12 19	2 2	18 10	0 41	5 28	1 20	26 15	5 1	9 20	8 50	13 1	1 49	5 2
F 27	22 9	2s35	1 18	18 56	0 47	7 21	2 31	23 3	0 36	10 5	1 9	12 17	2 1	18 10	0 41	5 27	1 20	26 15	5 1	9 20	8 49	12 58	1 48	5 2
S 28	22 17	9 6	0 3	19 34	0 35	7 41	2 33	23 8	0 36	10 4	1 9	12 16	2 1	18 9	0 41	5 27	1 20	26 15	5 1	9 20	8 48	12 55	1 48	5 2
S 29	22 25	15 7	1s11	20 10	0 24	8 0	2 35	23 14	0 37	10 2	1 9	12 15	2 1	18 9	0 41	5 27	1 20	26 16	5 2	9 20	8 46	12 52	1 47	5 3
M30	22 32	20 20	2 20	20 45	0 13	8 20	2 37	23 19	0 37	10 1	1 10	12 14	2 1	18 8	0 41	5 27	1 20	26 16	5 2	9 19	8 45	12 49	1 47	5 3
T 31	22n39	24s25	3s20	21n19	0s 2	8n40	2s38	23n24	0n38	10s 0	1s10	12n13	2n 1	18n 7	0n41	5s27	1s20	26s16	5s 2	9n17	8n44	12s46	1s47	5n 3

Julian Day Number = 2099942.5, Delta T = 21m33s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'18, Lahiri = 10°26'19 Julian Calendar 1 May 1037 == Greg. Calendar 7 May 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

JUNE 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 59 55	15♊21'48	17♐42	7♊43	29♈54	16♊ 7	7♓16	3♍24	11♌23	19♓26	24°R33	23°R41	22♈16	6♓13	13♓43	W 1
T 2	17 3 52	16°18'58	0♑44	9°51	0♉55	16°47	7°20	3°27	11°25	19°26	24♑32	23♈33	22°13	6°20	13°44	T 2
F 3	17 7 49	17°16'09	13°30	12° 1	1°56	17°27	7°24	3°31	11°28	19°27	24°31	23°24	22°10	6°27	13°44	F 3
S 4	17 11 45	18°13'18	26° 0	14°11	2°57	18° 7	7°27	3°34	11°30	19°27	24°30	23°14	22° 6	6°33	13°44	S 4
S 5	17 15 42	19°10'28	8♒16	16°22	3°59	18°47	7°30	3°38	11°33	19°27	24°28	23° 7	22° 3	6°40	13°45	S 5
M 6	17 19 38	20° 7'38	20°19	18°33	5° 1	19°27	7°33	3°41	11°36	19°28	24°27	23° 0	22° 0	6°47	13°45	M 6
T 7	17 23 35	21° 4'47	2♓14	20°44	6° 3	20° 7	7°36	3°45	11°38	19°28	24°26	22°56	21°57	6°53	13°45	T 7
W 8	17 27 31	22° 1'57	14° 5	22°55	7° 6	20°47	7°39	3°49	11°41	19°28	24°25	22°54	21°54	7° 0	13°45	W 8
T 9	17 31 28	22°59'06	25°57	25° 5	8° 9	21°27	7°42	3°53	11°44	19°29	24°24	22°D54	21°51	7° 7	13°46	T 9
F 10	17 35 25	23°56'16	7♈54	27°15	9°12	22° 7	7°44	3°56	11°46	19°29	24°23	22°55	21°47	7°13	13°46	F 10
S 11	17 39 21	24°53'26	20° 2	29°23	10°15	22°47	7°46	4° 0	11°49	19°29	24°22	22°R55	21°44	7°20	13°R46	S 11
S 12	17 43 18	25°50'36	2♉26	1♋31	11°19	23°26	7°48	4° 5	11°52	19°29	24°21	22°55	21°41	7°27	13°46	S 12
M13	17 47 14	26°47'47	15°10	3°37	12°22	24° 6	7°50	4° 9	11°55	19°29	24°19	22°53	21°38	7°33	13°46	M13
T 14	17 51 11	27°44'58	28°17	5°42	13°26	24°46	7°52	4°13	11°58	19°30	24°18	22°48	21°35	7°40	13°45	T 14
W15	17 55 7	28°42'09	11♊47	7°45	14°30	25°26	7°53	4°17	12° 1	19°30	24°17	22°41	21°32	7°47	13°45	W15
T 16	17 59 4	29°39'20	25°40	9°46	15°35	26° 5	7°54	4°22	12° 4	19°30	24°16	22°32	21°28	7°54	13°45	T 16
F 17	18 3 0	0♋36'31	9♋53	11°46	16°39	26°45	7°55	4°26	12° 7	19°R30	24°14	22°22	21°25	8° 0	13°45	F 17
S 18	18 6 57	1°33'43	24°19	13°44	17°44	27°24	7°56	4°31	12°10	19°30	24°13	22°12	21°22	8° 7	13°44	S 18
S 19	18 10 54	2°30'54	8♌52	15°40	18°49	28° 4	7°57	4°36	12°13	19°30	24°12	22° 3	21°19	8°14	13°44	S 19
M20	18 14 50	3°28'06	23°26	17°34	19°54	28°43	7°57	4°40	12°16	19°30	24°11	21°55	21°16	8°20	13°44	M20
T 21	18 18 47	4°25'17	7♍54	19°27	21° 0	29°23	7°57	4°45	12°19	19°29	24° 9	21°51	21°12	8°27	13°43	T 21
W22	18 22 43	5°22'28	22°12	21°17	22° 5	0♋ 2	7°R57	4°50	12°22	19°29	24° 8	21°48	21° 9	8°34	13°42	W22
T 23	18 26 40	6°19'40	6♎19	23° 5	23°11	0°42	7°57	4°55	12°25	19°29	24° 7	21°D48	21° 6	8°40	13°42	T 23
F 24	18 30 36	7°16'51	20°13	24°52	24°16	1°21	7°57	5° 0	12°29	19°29	24° 5	21°R48	21° 3	8°47	13°41	F 24
S 25	18 34 33	8°14'02	3♏55	26°37	25°22	2° 0	7°56	5° 5	12°32	19°29	24° 4	21°48	21° 0	8°54	13°40	S 25
S 26	18 38 29	9°11'14	17°24	28°20	26°29	2°40	7°56	5°10	12°35	19°28	24° 3	21°46	20°57	9° 0	13°40	S 26
M27	18 42 26	10° 8'26	0♐43	0♌ 0	27°35	3°19	7°55	5°16	12°38	19°28	24° 2	21°41	20°53	9° 7	13°39	M27
T 28	18 46 23	11° 5'38	13°50	1°39	28°41	3°58	7°54	5°21	12°42	19°28	24° 0	21°34	20°50	9°14	13°38	T 28
W29	18 50 19	12° 2'51	26°46	3°16	29°48	4°37	7°52	5°26	12°45	19°27	23°59	21°24	20°47	9°20	13°37	W29
T 30	18 54 16	13♋ 0'04	9♑30	4♌52	0♊55	5♋17	7♓51	5♍32	12♌48	19♓27	23♑57	21♈11	20♈44	9♓27	13♓36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n45	27s 6	4s 8	21n52	0n 9	9n 1	2s39	23n29	0n38	9s58	1s10	12n11	2n 1	18n 6	0n41	5s26	1s20	26s17	5s 2	9n15	8n43	12s43	1s46	5n 3
T 2	22 52	28 16	4 42	22 22	0 20	9 21	2 40	23 33	0 39	9 57	1 10	12 10	2 1	18 6	0 41	5 26	1 21	26 17	5 2	9 11	8 42	12 40	1 46	5 4
F 3	22 57	27 52	5 1	22 51	0 30	9 41	2 41	23 37	0 39	9 56	1 11	12 9	2 0	18 5	0 41	5 26	1 21	26 17	5 2	9 8	8 40	12 37	1 45	5 4
S 4	23 2	26 3	5 5	23 17	0 40	10 1	2 42	23 42	0 40	9 55	1 11	12 7	2 0	18 4	0 41	5 26	1 21	26 18	5 3	9 5	8 39	12 34	1 45	5 4
S 5	23 7	23 2	4 55	23 41	0 49	10 21	2 43	23 46	0 40	9 54	1 11	12 6	2 0	18 4	0 41	5 26	1 21	26 18	5 3	9 2	8 38	12 31	1 45	5 4
M 6	23 12	19 5	4 32	24 2	0 58	10 42	2 44	23 49	0 41	9 53	1 12	12 4	2 0	18 3	0 41	5 26	1 21	26 19	5 3	8 59	8 37	12 28	1 44	5 5
T 7	23 16	14 25	3 57	24 21	1 6	11 2	2 44	23 53	0 41	9 52	1 12	12 3	2 0	18 2	0 40	5 26	1 21	26 19	5 3	8 58	8 36	12 25	1 44	5 5
W 8	23 20	9 15	3 12	24 37	1 14	11 22	2 44	23 56	0 42	9 52	1 12	12 1	2 0	18 1	0 40	5 26	1 21	26 19	5 3	8 57	8 34	12 22	1 44	5 5
T 9	23 23	3 45	2 19	24 50	1 21	11 42	2 45	23 59	0 42	9 51	1 13	12 0	2 0	18 0	0 40	5 26	1 21	26 20	5 3	8 57	8 33	12 18	1 43	5 5
F 10	23 26	1n56	1 19	25 0	1 28	12 2	2 45	24 2	0 43	9 50	1 13	11 58	1 59	18 0	0 40	5 25	1 21	26 20	5 4	8 57	8 32	12 15	1 43	5 6
S 11	23 28	7 38	0 15	25 7	1 33	12 22	2 45	24 5	0 43	9 50	1 13	11 56	1 59	17 59	0 40	5 25	1 21	26 20	5 4	8 57	8 31	12 12	1 43	5 6
S 12	23 30	13 10	0n51	25 12	1 38	12 42	2 44	24 8	0 44	9 49	1 14	11 55	1 59	17 58	0 40	5 25	1 21	26 21	5 4	8 57	8 30	12 9	1 43	5 6
M13	23 32	18 19	1 56	25 14	1 43	13 2	2 44	24 10	0 44	9 49	1 14	11 53	1 59	17 57	0 40	5 25	1 21	26 21	5 4	8 56	8 29	12 6	1 43	5 6
T 14	23 33	22 45	2 57	25 13	1 46	13 21	2 44	24 12	0 44	9 49	1 14	11 51	1 59	17 56	0 40	5 25	1 21	26 21	5 4	8 55	8 27	12 3	1 42	5 6
W15	23 34	26 6	3 49	25 9	1 49	13 41	2 43	24 14	0 45	9 48	1 14	11 50	1 59	17 56	0 40	5 25	1 21	26 22	5 4	8 52	8 26	12 0	1 42	5 7
T 16	23 34	28 0	4 30	25 3	1 51	14 0	2 43	24 16	0 45	9 48	1 15	11 48	1 59	17 55	0 40	5 25	1 21	26 22	5 5	8 49	8 25	11 57	1 42	5 7
F 17	23 34	28 6	4 55	24 55	1 53	14 19	2 42	24 17	0 46	9 48	1 15	11 46	1 59	17 54	0 40	5 26	1 21	26 23	5 5	8 45	8 24	11 54	1 42	5 7
S 18	23 33	26 19	5 2	24 44	1 53	14 38	2 41	24 19	0 46	9 48	1 15	11 44	1 58	17 53	0 40	5 26	1 21	26 23	5 5	8 41	8 23	11 50	1 42	5 7
S 19	23 33	22 47	4 49	24 31	1 53	14 57	2 40	24 20	0 47	9 48	1 16	11 43	1 58	17 52	0 40	5 26	1 21	26 23	5 5	8 38	8 21	11 47	1 42	5 8
M20	23 31	17 50	4 18	24 16	1 53	15 15	2 39	24 21	0 47	9 48	1 16	11 41	1 58	17 51	0 40	5 26	1 21	26 24	5 5	8 35	8 20	11 44	1 42	5 8
T 21	23 30	11 54	3 30	23 59	1 51	15 34	2 38	24 21	0 48	9 49	1 16	11 39	1 58	17 50	0 40	5 26	1 22	26 24	5 5	8 33	8 19	11 41	1 42	5 8
W22	23 27	5 24	2 30	23 40	1 49	15 52	2 37	24 22	0 48	9 49	1 17	11 37	1 58	17 49	0 40	5 26	1 22	26 24	5 5	8 32	8 18	11 38	1 42	5 8
T 23	23 25	1s17	1 21	23 20	1 47	16 10	2 35	24 22	0 48	9 49	1 17	11 35	1 58	17 48	0 40	5 26	1 22	26 25	5 5	8 32	8 17	11 35	1 42	5 9
F 24	23 22	7 49	0 8	22 58	1 44	16 27	2 34	24 22	0 49	9 50	1 17	11 33	1 58	17 48	0 40	5 26	1 22	26 25	5 6	8 32	8 15	11 32	1 42	5 9
S 25	23 19	13 53	1s 4	22 35	1 40	16 45	2 32	24 22	0 49	9 50	1 18	11 31	1 58	17 47	0 40	5 26	1 22	26 25	5 6	8 32	8 14	11 28	1 42	5 9
S 26	23 15	19 13	2 11	22 10	1 36	17 2	2 31	24 22	0 50	9 51	1 18	11 29	1 57	17 46	0 40	5 26	1 22	26 26	5 6	8 31	8 13	11 25	1 42	5 9
M27	23 11	23 30	3 10	21 44	1 31	17 18	2 29	24 21	0 50	9 51	1 18	11 27	1 57	17 45	0 40	5 27	1 22	26 26	5 6	8 30	8 12	11 22	1 42	5 9
T 28	23 6	26 31	3 58	21 18	1 26	17 35	2 27	24 21	0 50	9 52	1 19	11 25	1 57	17 44	0 40	5 27	1 22	26 26	5 6	8 27	8 11	11 19	1 42	5 10
W29	23 1	28 5	4 33	20 50	1 20	17 51	2 25	24 20	0 51	9 53	1 19	11 23	1 57	17 43	0 40	5 27	1 22	26 27	5 6	8 23	8 9	11 16	1 42	5 10
T 30	22n56	28s 7	4s54	20n21	1n14	18n 7	2s23	24n19	0n51	9s54	1s19	11n21	1n57	17n42	0n40	5s27	1s22	26s27	5s 6	8n19	8n 8	11s13	1s43	5n10

Julian Day Number = 2099973.5, Delta T = 21m33s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'23, Lahiri = 10°26'23 Julian Calendar 1 June 1037 == Greg. Calendar 7 June 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

JULY 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 58 12	13♋57'17	22♑ 1	6♌25	2♊ 2	5♋56	7°R49	5♍37	12♌52	19°R26	23°R56	20°R58	20♈41	9♓34	13°R35	F 1
S 2	19 2 9	14°54'32	4♒21	7°56	3° 9	6°35	7♓47	5°43	12°55	19♓26	23♑55	20♈46	20°38	9°40	13♓34	S 2
S 3	19 6 5	15°51'47	16°30	9°26	4°16	7°14	7°45	5°48	12°58	19°26	23°53	20°34	20°34	9°47	13°33	S 3
M 4	19 10 2	16°49'02	28°29	10°53	5°23	7°53	7°43	5°54	13° 2	19°25	23°52	20°25	20°31	9°54	13°32	M 4
T 5	19 13 58	17°46'19	10♓22	12°18	6°31	8°32	7°40	6° 0	13° 5	19°24	23°51	20°18	20°28	10° 1	13°30	T 5
W 6	19 17 55	18°43'36	22°10	13°42	7°38	9°11	7°38	6° 6	13° 9	19°24	23°49	20°14	20°25	10° 7	13°29	W 6
T 7	19 21 52	19°40'55	4♈ 0	15° 3	8°46	9°50	7°35	6°11	13°12	19°23	23°48	20°12	20°22	10°14	13°28	T 7
F 8	19 25 48	20°38'14	15°56	16°23	9°54	10°29	7°32	6°17	13°16	19°23	23°46	20°11	20°18	10°21	13°27	F 8
S 9	19 29 45	21°35'35	28° 2	17°40	11° 2	11° 8	7°29	6°23	13°19	19°22	23°45	20°11	20°15	10°27	13°25	S 9
S 10	19 33 41	22°32'56	10♉26	18°55	12°10	11°47	7°25	6°29	13°23	19°21	23°44	20°10	20°12	10°34	13°24	S 10
M11	19 37 38	23°30'19	23°11	20° 8	13°18	12°26	7°22	6°35	13°26	19°20	23°42	20° 8	20° 9	10°41	13°22	M11
T 12	19 41 34	24°27'43	6♊21	21°19	14°27	13° 5	7°18	6°41	13°30	19°20	23°41	20° 3	20° 6	10°47	13°21	T 12
W13	19 45 31	25°25'09	19°59	22°27	15°35	13°43	7°14	6°48	13°34	19°19	23°39	19°56	20° 3	10°54	13°19	W13
T 14	19 49 28	26°22'35	4♋ 5	23°33	16°44	14°22	7°10	6°54	13°37	19°18	23°38	19°47	19°59	11° 1	13°17	T 14
F 15	19 53 24	27°20'03	18°34	24°36	17°53	15° 1	7° 6	7° 0	13°41	19°17	23°37	19°36	19°56	11° 7	13°16	F 15
S 16	19 57 21	28°17'31	3♌21	25°36	19° 2	15°40	7° 1	7° 6	13°44	19°16	23°35	19°24	19°53	11°14	13°14	S 16
S 17	20 1 17	29°15'01	18°17	26°34	20°11	16°19	6°57	7°13	13°48	19°15	23°34	19°14	19°50	11°21	13°12	S 17
M18	20 5 14	0♌12'32	3♍14	27°29	21°20	16°57	6°52	7°19	13°52	19°15	23°33	19° 6	19°47	11°27	13°11	M18
T 19	20 9 10	1°10'03	18° 2	28°21	22°29	17°36	6°47	7°26	13°55	19°14	23°31	19° 1	19°44	11°34	13° 9	T 19
W20	20 13 7	2° 7'35	2♎36	29°10	23°38	18°15	6°42	7°32	13°59	19°13	23°30	18°58	19°40	11°41	13° 7	W20
T 21	20 17 3	3° 5'08	16°51	29°55	24°48	18°53	6°36	7°39	14° 3	19°12	23°28	18°D58	19°37	11°47	13° 5	T 21
F 22	20 21 0	4° 2'43	0♏47	0♍37	25°57	19°32	6°31	7°45	14° 6	19°11	23°27	18°R58	19°34	11°54	13° 3	F 22
S 23	20 24 57	5° 0'18	14°23	1°15	27° 7	20°10	6°25	7°52	14°10	19° 9	23°26	18°58	19°31	12° 1	13° 1	S 23
S 24	20 28 53	5°57'54	27°42	1°49	28°16	20°49	6°20	7°59	14°14	19° 8	23°24	18°56	19°28	12° 7	12°59	S 24
M25	20 32 50	6°55'31	10♐45	2°19	29°26	21°27	6°14	8° 5	14°18	19° 7	23°23	18°52	19°24	12°14	12°57	M25
T 26	20 36 46	7°53'09	23°35	2°44	0♋36	22° 6	6° 8	8°12	14°21	19° 6	23°22	18°45	19°21	12°21	12°55	T 26
W27	20 40 43	8°50'49	6♑13	3° 5	1°46	22°44	6° 1	8°19	14°25	19° 5	23°20	18°36	19°18	12°27	12°53	W27
T 28	20 44 39	9°48'29	18°40	3°21	2°56	23°23	5°55	8°26	14°29	19° 4	23°19	18°25	19°15	12°34	12°50	T 28
F 29	20 48 36	10°46'11	0♒57	3°32	4° 6	24° 1	5°49	8°33	14°32	19° 3	23°18	18°12	19°12	12°41	12°48	F 29
S 30	20 52 32	11°43'54	13° 6	3°38	5°17	24°40	5°42	8°39	14°36	19° 1	23°16	18° 1	19° 9	12°47	12°46	S 30
S 31	20 56 29	12♌41'39	25♒ 6	3°R39	6♋27	25♋18	5♓36	8♍46	14♌40	19♓ 0	23♑15	17♈50	19♈ 5	12♓54	12♓44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n50	26s41	5s 0	19n51	1n 7	18n22	2s21	24n18	0n52	9s55	1s19	11n19	1n57	17n41	0n40	5s27	1s22	26s28	5s 6	8n14	8n 7	11s10	1s43	5n10
S 2	22 44	23 59	4 52	19 21	1 0	18 37	2 19	24 16	0 52	9 56	1 20	11 16	1 57	17 40	0 40	5 28	1 22	26 28	5 6	8 9	8 6	11 6	1 43	5 10
S 3	22 37	20 16	4 30	18 50	0 53	18 52	2 17	24 14	0 53	9 57	1 20	11 14	1 57	17 39	0 40	5 28	1 22	26 28	5 7	8 4	8 5	11 3	1 43	5 11
M 4	22 30	15 46	3 57	18 19	0 45	19 6	2 15	24 13	0 53	9 58	1 20	11 12	1 57	17 38	0 40	5 28	1 22	26 29	5 7	8 1	8 3	11 0	1 44	5 11
T 5	22 23	10 43	3 14	17 47	0 37	19 20	2 12	24 11	0 53	9 59	1 21	11 10	1 57	17 37	0 40	5 28	1 22	26 29	5 7	7 58	8 2	10 57	1 44	5 11
W 6	22 15	5 18	2 22	17 15	0 29	19 34	2 10	24 8	0 54	10 0	1 21	11 8	1 56	17 36	0 40	5 29	1 22	26 29	5 7	7 57	8 1	10 54	1 44	5 11
T 7	22 7	0n18	1 25	16 43	0 20	19 47	2 7	24 6	0 54	10 2	1 21	11 5	1 56	17 35	0 40	5 29	1 22	26 30	5 7	7 56	8 0	10 51	1 44	5 11
F 8	21 58	5 57	0 23	16 11	0 11	20 0	2 5	24 3	0 54	10 3	1 22	11 3	1 56	17 34	0 40	5 29	1 22	26 30	5 7	7 56	7 59	10 47	1 45	5 12
S 9	21 49	11 29	0n41	15 38	0 1	20 12	2 2	24 0	0 55	10 4	1 22	11 1	1 56	17 33	0 40	5 30	1 22	26 30	5 7	7 56	7 57	10 44	1 45	5 12
S 10	21 40	16 41	1 45	15 6	0s 9	20 24	2 0	23 57	0 55	10 6	1 22	10 58	1 56	17 32	0 40	5 30	1 22	26 31	5 7	7 56	7 56	10 41	1 46	5 12
M11	21 30	21 20	2 45	14 33	0 19	20 35	1 57	23 54	0 56	10 8	1 22	10 56	1 56	17 31	0 40	5 30	1 23	26 31	5 7	7 55	7 55	10 38	1 46	5 12
T 12	21 20	25 4	3 38	14 1	0 29	20 46	1 54	23 51	0 56	10 9	1 23	10 54	1 56	17 30	0 40	5 31	1 23	26 31	5 7	7 53	7 54	10 35	1 46	5 12
W13	21 10	27 32	4 21	13 29	0 39	20 56	1 52	23 47	0 56	10 11	1 23	10 51	1 56	17 29	0 40	5 31	1 23	26 32	5 7	7 50	7 53	10 31	1 47	5 13
T 14	20 59	28 20	4 50	12 57	0 50	21 6	1 49	23 44	0 57	10 13	1 23	10 49	1 56	17 28	0 40	5 31	1 23	26 32	5 8	7 46	7 51	10 28	1 47	5 13
F 15	20 48	27 14	5 1	12 26	1 1	21 15	1 46	23 40	0 57	10 15	1 24	10 47	1 56	17 27	0 40	5 32	1 23	26 32	5 8	7 42	7 50	10 25	1 48	5 13
S 16	20 37	24 14	4 52	11 55	1 12	21 24	1 43	23 36	0 58	10 17	1 24	10 44	1 56	17 26	0 40	5 32	1 23	26 33	5 8	7 38	7 49	10 22	1 48	5 13
S 17	20 25	19 36	4 23	11 25	1 23	21 32	1 40	23 31	0 58	10 19	1 24	10 42	1 56	17 25	0 40	5 33	1 23	26 33	5 8	7 34	7 48	10 19	1 49	5 13
M18	20 13	13 44	3 37	10 56	1 35	21 40	1 37	23 27	0 58	10 21	1 24	10 39	1 56	17 23	0 40	5 33	1 23	26 33	5 8	7 31	7 47	10 15	1 49	5 13
T 19	20 0	7 9	2 36	10 27	1 46	21 47	1 34	23 22	0 59	10 23	1 25	10 37	1 55	17 22	0 40	5 33	1 23	26 33	5 8	7 29	7 45	10 12	1 50	5 14
W20	19 47	0 16	1 26	9 59	1 58	21 54	1 31	23 17	0 59	10 25	1 25	10 34	1 55	17 21	0 40	5 34	1 23	26 34	5 8	7 28	7 44	10 9	1 50	5 14
T 21	19 34	6s29	0 11	9 33	2 9	22 0	1 28	23 12	0 59	10 27	1 25	10 32	1 55	17 20	0 40	5 34	1 23	26 34	5 8	7 28	7 43	10 6	1 51	5 14
F 22	19 21	12 47	1s 2	9 7	2 21	22 6	1 25	23 7	1 0	10 29	1 25	10 29	1 55	17 19	0 40	5 35	1 23	26 34	5 8	7 28	7 42	10 3	1 52	5 14
S 23	19 7	18 19	2 10	8 43	2 32	22 11	1 22	23 2	1 0	10 32	1 26	10 27	1 55	17 18	0 40	5 35	1 23	26 35	5 8	7 28	7 40	9 59	1 52	5 14
S 24	18 53	22 50	3 10	8 20	2 44	22 15	1 18	22 56	1 0	10 34	1 26	10 24	1 55	17 17	0 40	5 36	1 23	26 35	5 8	7 27	7 39	9 56	1 53	5 14
M25	18 38	26 7	3 58	7 59	2 55	22 19	1 15	22 51	1 1	10 36	1 26	10 22	1 55	17 16	0 40	5 36	1 23	26 35	5 8	7 26	7 38	9 53	1 54	5 14
T 26	18 24	27 58	4 34	7 39	3 6	22 22	1 12	22 45	1 1	10 39	1 26	10 19	1 55	17 15	0 40	5 37	1 23	26 36	5 8	7 23	7 37	9 50	1 54	5 15
W27	18 9	28 20	4 55	7 22	3 17	22 25	1 9	22 39	1 1	10 41	1 27	10 16	1 55	17 14	0 40	5 37	1 23	26 36	5 8	7 19	7 36	9 46	1 55	5 15
T 28	17 53	27 14	5 2	7 6	3 28	22 27	1 5	22 33	1 2	10 44	1 27	10 14	1 55	17 13	0 40	5 38	1 23	26 36	5 8	7 15	7 34	9 43	1 56	5 15
F 29	17 38	24 50	4 55	6 52	3 38	22 28	1 2	22 26	1 2	10 47	1 27	10 11	1 55	17 12	0 40	5 38	1 23	26 36	5 8	7 11	7 33	9 40	1 56	5 15
S 30	17 22	21 21	4 34	6 41	3 48	22 29	0 59	22 20	1 3	10 49	1 27	10 8	1 55	17 10	0 40	5 39	1 23	26 37	5 8	7 6	7 32	9 37	1 57	5 15
S 31	17n 5	17s 0	4s 1	6n33	3s57	22n29	0s56	22n13	1n 3	10s52	1s27	10n 6	1n55	17n 9	0n40	5s39	1s23	26s37	5s 8	7n 2	7n31	9s33	1s58	5n15

Julian Day Number = 2100003.5, Delta T = 21m33s
Ecliptic obliquity = 23°33'58, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'27, Lahiri = 10°26'27 Julian Calendar 1 July 1037 == Greg. Calendar 7 July 1037

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1037
geocentric

AUGUST 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 0 26	13♌39'25	7♓ 0	3°R33	7♋38	25♋56	5°R29	8♍53	14♌44	18°R59	23°R14	17°R41	19♈ 2	13♓ 1	12°R41	M 1
T 2	21 4 22	14°37'12	18°49	3♍22	8°48	26°35	5♓22	9° 0	14°47	18♓58	23♉13	17♈35	18°59	13° 7	12♓39	T 2
W 3	21 8 19	15°35'02	0♈37	3° 5	9°59	27°13	5°15	9° 7	14°51	18°56	23°11	17°31	18°56	13°14	12°37	W 3
T 4	21 12 15	16°32'52	12°26	2°43	11°10	27°51	5° 8	9°14	14°55	18°55	23°10	17°D29	18°53	13°21	12°34	T 4
F 5	21 16 12	17°30'45	24°21	2°14	12°21	28°30	5° 1	9°21	14°59	18°54	23° 9	17°29	18°50	13°27	12°32	F 5
S 6	21 20 8	18°28'40	6♉27	1°40	13°32	29° 8	4°53	9°29	15° 2	18°52	23° 7	17°30	18°46	13°34	12°29	S 6
S 7	21 24 5	19°26'36	18°48	1° 0	14°43	29°46	4°46	9°36	15° 6	18°51	23° 6	17°R31	18°43	13°41	12°27	S 7
M 8	21 28 1	20°24'35	1♊30	0°16	15°54	0♌24	4°39	9°43	15°10	18°49	23° 5	17°30	18°40	13°47	12°25	M 8
T 9	21 31 58	21°22'35	14°38	29♌27	17° 5	1° 3	4°31	9°50	15°14	18°48	23° 4	17°27	18°37	13°54	12°22	T 9
W10	21 35 55	22°20'37	28°13	28°35	18°16	1°41	4°24	9°57	15°17	18°47	23° 3	17°23	18°34	14° 1	12°19	W10
T 11	21 39 51	23°18'42	12♋18	27°40	19°28	2°19	4°16	10° 4	15°21	18°45	23° 2	17°16	18°30	14° 7	12°17	T 11
F 12	21 43 48	24°16'48	26°51	26°43	20°39	2°57	4° 8	10°12	15°25	18°44	23° 0	17° 9	18°27	14°14	12°14	F 12
S 13	21 47 44	25°14'56	11♌46	25°46	21°51	3°35	4° 0	10°19	15°28	18°42	22°59	17° 1	18°24	14°21	12°12	S 13
S 14	21 51 41	26°13'06	26°54	24°50	23° 3	4°13	3°53	10°26	15°32	18°41	22°58	16°53	18°21	14°27	12° 9	S 14
M15	21 55 37	27°11'17	12♍ 6	23°55	24°14	4°51	3°45	10°34	15°36	18°39	22°57	16°48	18°18	14°34	12° 7	M15
T 16	21 59 34	28° 9'30	27°12	23° 3	25°26	5°29	3°37	10°41	15°39	18°38	22°56	16°44	18°15	14°41	12° 4	T 16
W17	22 3 30	29° 7'45	12♎ 3	22°16	26°38	6° 7	3°29	10°48	15°43	18°36	22°55	16°D42	18°11	14°47	12° 1	W17
T 18	22 7 27	0♍ 6'01	26°33	21°34	27°50	6°45	3°21	10°56	15°47	18°35	22°54	16°43	18° 8	14°54	11°59	T 18
F 19	22 11 24	1° 4'19	10♏39	20°59	29° 2	7°23	3°13	11° 3	15°50	18°33	22°53	16°44	18° 5	15° 1	11°56	F 19
S 20	22 15 20	2° 2'39	24°20	20°31	0♌14	8° 1	3° 5	11°10	15°54	18°31	22°52	16°45	18° 2	15° 7	11°53	S 20
S 21	22 19 17	3° 1'00	7♐39	20°11	1°26	8°39	2°57	11°18	15°58	18°30	22°51	16°R45	17°59	15°14	11°50	S 21
M22	22 23 13	3°59'23	20°37	20° 0	2°39	9°17	2°49	11°25	16° 1	18°28	22°50	16°44	17°56	15°21	11°48	M22
T 23	22 27 10	4°57'47	3♑17	19°D58	3°51	9°55	2°41	11°33	16° 5	18°27	22°49	16°40	17°52	15°27	11°45	T 23
W24	22 31 6	5°56'13	15°44	20° 5	5° 4	10°33	2°33	11°40	16° 9	18°25	22°48	16°35	17°49	15°34	11°42	W24
T 25	22 35 3	6°54'41	27°58	20°22	6°16	11°11	2°25	11°47	16°12	18°23	22°47	16°29	17°46	15°41	11°40	T 25
F 26	22 38 59	7°53'10	10♒ 4	20°48	7°29	11°49	2°17	11°55	16°16	18°22	22°46	16°22	17°43	15°47	11°37	F 26
S 27	22 42 56	8°51'42	22° 3	21°22	8°41	12°27	2° 9	12° 2	16°19	18°20	22°45	16°15	17°40	15°54	11°34	S 27
S 28	22 46 53	9°50'15	3♓56	22° 6	9°54	13° 4	2° 2	12°10	16°23	18°19	22°44	16° 8	17°36	16° 1	11°31	S 28
M29	22 50 49	10°48'50	15°46	22°57	11° 7	13°42	1°54	12°17	16°26	18°17	22°44	16° 3	17°33	16° 7	11°29	M29
T 30	22 54 46	11°47'27	27°35	23°56	12°20	14°20	1°46	12°25	16°30	18°15	22°43	16° 0	17°30	16°14	11°26	T 30
W31	22 58 42	12♍46'06	9♈24	25♌ 3	13♌32	14♌58	1♓38	12♍32	16♌33	18♓14	22♉42	15♈58	17♈27	16♓21	11♓23	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n49	12s 3	3s18	6n27	4s 5	22n29	0s52	22n 6	1n 3	10s54	1s28	10n 3	1n55	17n 8	0n40	5s40	1s23	26s37	5s 8	6n58	7n30	9s30	1s59	5n15
T 2	16 32	6 42	2 27	6 24	4 13	22 27	0 49	21 59	1 4	10 57	1 28	10 0	1 55	17 7	0 40	5 40	1 23	26 37	5 8	6 56	7 28	9 27	1 59	5 15
W 3	16 15	1 7	1 29	6 24	4 19	22 26	0 46	21 52	1 4	11 0	1 28	9 58	1 55	17 6	0 40	5 41	1 23	26 38	5 8	6 55	7 27	9 24	2 0	5 15
T 4	15 58	4n31	0 27	6 27	4 25	22 23	0 42	21 45	1 4	11 3	1 28	9 55	1 55	17 5	0 40	5 41	1 24	26 38	5 9	6 54	7 26	9 21	2 1	5 16
F 5	15 40	10 3	0n37	6 33	4 29	22 20	0 39	21 37	1 5	11 6	1 28	9 52	1 55	17 4	0 40	5 42	1 24	26 38	5 9	6 54	7 25	9 17	2 2	5 16
S 6	15 22	15 19	1 40	6 43	4 32	22 17	0 36	21 30	1 5	11 8	1 29	9 50	1 55	17 3	0 40	5 42	1 24	26 38	5 9	6 54	7 24	9 14	2 3	5 16
S 7	15 4	20 4	2 40	6 55	4 33	22 13	0 32	21 22	1 5	11 11	1 29	9 47	1 55	17 2	0 40	5 43	1 24	26 39	5 9	6 55	7 22	9 11	2 4	5 16
M 8	14 46	24 3	3 33	7 11	4 32	22 8	0 29	21 14	1 6	11 14	1 29	9 44	1 55	17 1	0 40	5 44	1 24	26 39	5 9	6 54	7 21	9 8	2 5	5 16
T 9	14 27	26 57	4 18	7 30	4 30	22 2	0 26	21 6	1 6	11 17	1 29	9 41	1 55	16 59	0 40	5 44	1 24	26 39	5 9	6 53	7 20	9 4	2 5	5 16
W10	14 8	28 23	4 50	7 52	4 26	21 56	0 23	20 58	1 6	11 20	1 29	9 39	1 55	16 58	0 40	5 45	1 24	26 39	5 9	6 52	7 19	9 1	2 6	5 16
T 11	13 49	28 3	5 5	8 17	4 20	21 50	0 19	20 50	1 6	11 23	1 29	9 36	1 55	16 57	0 40	5 45	1 24	26 39	5 9	6 49	7 17	8 58	2 7	5 16
F 12	13 30	25 50	5 2	8 44	4 12	21 42	0 16	20 41	1 7	11 26	1 29	9 33	1 55	16 56	0 40	5 46	1 24	26 40	5 9	6 46	7 16	8 54	2 8	5 16
S 13	13 10	21 48	4 39	9 12	4 2	21 34	0 13	20 33	1 7	11 29	1 30	9 30	1 55	16 55	0 40	5 47	1 24	26 40	5 9	6 43	7 15	8 51	2 9	5 16
S 14	12 51	16 18	3 55	9 42	3 50	21 26	0 10	20 24	1 7	11 32	1 30	9 28	1 55	16 54	0 40	5 47	1 24	26 40	5 9	6 40	7 14	8 48	2 10	5 16
M15	12 31	9 45	2 55	10 13	3 37	21 16	0 7	20 15	1 8	11 35	1 30	9 25	1 55	16 53	0 40	5 48	1 24	26 40	5 9	6 38	7 13	8 45	2 11	5 16
T 16	12 11	2 42	1 43	10 44	3 22	21 7	0 3	20 6	1 8	11 38	1 30	9 22	1 55	16 52	0 40	5 48	1 24	26 40	5 9	6 37	7 11	8 41	2 12	5 16
W17	11 50	4s24	0 25	11 15	3 5	20 56	0 0	19 57	1 8	11 41	1 30	9 19	1 55	16 51	0 40	5 49	1 24	26 41	5 9	6 36	7 10	8 38	2 13	5 16
T 18	11 30	11 7	0s53	11 45	2 48	20 45	0n 3	19 47	1 9	11 44	1 30	9 16	1 55	16 50	0 40	5 50	1 24	26 41	5 9	6 36	7 9	8 35	2 14	5 16
F 19	11 9	17 5	2 6	12 13	2 29	20 33	0 6	19 38	1 9	11 47	1 30	9 14	1 55	16 49	0 40	5 50	1 24	26 41	5 9	6 37	7 8	8 32	2 15	5 16
S 20	10 48	22 1	3 9	12 40	2 11	20 21	0 9	19 28	1 9	11 50	1 30	9 11	1 55	16 48	0 40	5 51	1 24	26 41	5 9	6 37	7 7	8 28	2 16	5 16
S 21	10 27	25 39	4 1	13 4	1 51	20 8	0 12	19 19	1 10	11 53	1 30	9 8	1 55	16 46	0 40	5 52	1 24	26 41	5 9	6 37	7 5	8 25	2 17	5 16
M22	10 6	27 52	4 38	13 26	1 32	19 55	0 15	19 9	1 10	11 56	1 30	9 5	1 55	16 45	0 40	5 52	1 24	26 41	5 9	6 36	7 4	8 22	2 18	5 16
T 23	9 44	28 33	5 1	13 45	1 13	19 41	0 18	18 59	1 10	11 59	1 31	9 2	1 55	16 44	0 40	5 53	1 24	26 42	5 8	6 35	7 3	8 18	2 19	5 16
W24	9 23	27 45	5 10	14 0	0 54	19 26	0 21	18 49	1 10	12 2	1 31	9 0	1 55	16 43	0 40	5 54	1 24	26 42	5 8	6 33	7 2	8 15	2 20	5 16
T 25	9 1	25 38	5 4	14 12	0 36	19 11	0 24	18 39	1 11	12 4	1 31	8 57	1 55	16 42	0 40	5 54	1 24	26 42	5 8	6 31	7 0	8 12	2 21	5 16
F 26	8 39	22 22	4 44	14 20	0 19	18 55	0 26	18 28	1 11	12 7	1 31	8 54	1 55	16 41	0 40	5 55	1 24	26 42	5 8	6 28	6 59	8 8	2 22	5 16
S 27	8 17	18 12	4 12	14 25	0 2	18 39	0 29	18 18	1 11	12 10	1 31	8 51	1 55	16 40	0 40	5 55	1 24	26 42	5 8	6 25	6 58	8 5	2 23	5 16
S 28	7 55	13 22	3 29	14 26	0n13	18 22	0 32	18 7	1 12	12 13	1 31	8 48	1 55	16 39	0 40	5 56	1 24	26 42	5 8	6 23	6 57	8 2	2 24	5 16
M29	7 33	8 3	2 37	14 22	0 28	18 5	0 35	17 57	1 12	12 16	1 31	8 45	1 55	16 38	0 40	5 57	1 24	26 42	5 8	6 21	6 56	7 59	2 26	5 16
T 30	7 11	2 29	1 39	14 15	0 41	17 47	0 37	17 46	1 12	12 19	1 31	8 43	1 55	16 37	0 40	5 57	1 24	26 42	5 8	6 20	6 54	7 55	2 27	5 16
W31	6n48	3n12	0s36	14n 5	0n53	17n29	0n40	17n35	1n12	12s22	1s31	8n40	1n55	16n36	0n40	5s58	1s24	26s42	5s 8	6n19	6n53	7s52	2s28	5n16

Julian Day Number = 2100034.5, Delta T = 21m32s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'31, Lahiri = 10°26'31 Julian Calendar 1 Aug. 1037 == Greg. Calendar 7 Aug. 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

SEPTEMBER 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 2 39	13♍44'47	21♈16	26♌15	14♌45	15♌35	1°R31	12♍39	16♌37	18°R12	22°R41	15°D58	17♈24	16♓27	11°R20	T 1
F 2	23 6 35	14°43'30	3♉15	27°34	15°59	16°13	1♓23	12°47	16°40	18♓10	22♊40	15♈59	17°21	16°34	11♓17	F 2
S 3	23 10 32	15°42'16	15°24	28°58	17°12	16°51	1°16	12°54	16°43	18° 9	22°40	16° 1	17°17	16°41	11°15	S 3
S 4	23 14 28	16°41'04	27°47	0♍27	18°25	17°28	1° 8	13° 2	16°47	18° 7	22°39	16° 3	17°14	16°47	11°12	S 4
M 5	23 18 25	17°39'54	10♊27	1°59	19°38	18° 6	1° 1	13° 9	16°50	18° 5	22°38	16° 4	17°11	16°54	11° 9	M 5
T 6	23 22 21	18°38'47	23°30	3°35	20°51	18°44	0°54	13°17	16°53	18° 4	22°38	16°R 4	17° 8	17° 1	11° 7	T 6
W 7	23 26 18	19°37'42	6♋59	5°14	22° 5	19°21	0°47	13°24	16°57	18° 2	22°37	16° 3	17° 5	17° 7	11° 4	W 7
T 8	23 30 15	20°36'39	20°55	6°56	23°18	19°59	0°40	13°31	17° 0	18° 0	22°36	16° 1	17° 2	17°14	11° 1	T 8
F 9	23 34 11	21°35'39	5♌17	8°39	24°32	20°36	0°33	13°39	17° 3	17°59	22°36	15°58	16°58	17°21	10°58	F 9
S 10	23 38 8	22°34'41	20° 4	10°23	25°45	21°14	0°26	13°46	17° 7	17°57	22°35	15°54	16°55	17°27	10°56	S 10
S 11	23 42 4	23°33'45	5♍ 7	12° 9	26°59	21°52	0°19	13°54	17°10	17°55	22°35	15°51	16°52	17°34	10°53	S 11
M12	23 46 1	24°32'51	20°20	13°56	28°13	22°29	0°12	14° 1	17°13	17°54	22°34	15°49	16°49	17°41	10°50	M12
T 13	23 49 57	25°31'59	5♎32	15°43	29°26	23° 7	0° 6	14° 8	17°16	17°52	22°34	15°48	16°46	17°47	10°48	T 13
W14	23 53 54	26°31'10	20°33	17°30	0♍40	23°44	29♒59	14°16	17°19	17°50	22°33	15°D48	16°42	17°54	10°45	W14
T 15	23 57 50	27°30'22	5♏16	19°17	1°54	24°22	29°53	14°23	17°22	17°49	22°33	15°48	16°39	18° 1	10°43	T 15
F 16	0 1 47	28°29'36	19°35	21° 5	3° 8	24°59	29°47	14°30	17°25	17°47	22°32	15°50	16°36	18° 7	10°40	F 16
S 17	0 5 44	29°28'52	3♐27	22°52	4°22	25°36	29°41	14°38	17°28	17°45	22°32	15°51	16°33	18°14	10°37	S 17
S 18	0 9 40	0♎28'11	16°52	24°38	5°36	26°14	29°35	14°45	17°31	17°44	22°32	15°52	16°30	18°21	10°35	S 18
M19	0 13 37	1°27'30	29°53	26°25	6°50	26°51	29°30	14°52	17°34	17°42	22°31	15°R52	16°27	18°27	10°32	M19
T 20	0 17 33	2°26'52	12♑33	28°11	8° 4	27°29	29°24	14°59	17°37	17°41	22°31	15°52	16°23	18°34	10°30	T 20
W21	0 21 30	3°26'15	24°55	29°56	9°18	28° 6	29°19	15° 7	17°40	17°39	22°31	15°51	16°20	18°41	10°27	W21
T 22	0 25 26	4°25'41	7♒ 4	1♎41	10°32	28°43	29°14	15°14	17°43	17°37	22°31	15°50	16°17	18°47	10°25	T 22
F 23	0 29 23	5°25'08	19° 2	3°25	11°47	29°20	29° 9	15°21	17°46	17°36	22°30	15°48	16°14	18°54	10°22	F 23
S 24	0 33 19	6°24'37	0♓55	5° 8	13° 1	29°58	29° 4	15°28	17°49	17°34	22°30	15°47	16°11	19° 1	10°20	S 24
S 25	0 37 16	7°24'07	12°44	6°51	14°15	0♍35	28°59	15°35	17°51	17°33	22°30	15°46	16° 7	19° 7	10°18	S 25
M26	0 41 13	8°23'40	24°33	8°33	15°30	1°12	28°55	15°42	17°54	17°31	22°30	15°45	16° 4	19°14	10°15	M26
T 27	0 45 9	9°23'15	6♈24	10°14	16°44	1°49	28°51	15°49	17°57	17°30	22°30	15°44	16° 1	19°21	10°13	T 27
W28	0 49 6	10°22'51	18°19	11°55	17°58	2°27	28°46	15°56	17°59	17°28	22°30	15°D44	15°58	19°27	10°11	W28
T 29	0 53 2	11°22'30	0♉20	13°35	19°13	3° 4	28°42	16° 3	18° 2	17°27	22°30	15°44	15°55	19°34	10° 8	T 29
F 30	0 56 59	12♎22'11	12♉29	15♎15	20♍27	3♍41	28♒39	16♍10	18♌ 4	17♓25	22°D30	15♈45	15♈52	19♓41	10♓ 6	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n26	8n47	0n29	13n50	1n 4	17n10	0n42	17n24	1n13	12s24	1s31	8n37	1n55	16n35	0n40	5s59	1s24	26s43	5s 8	6n19	6n52	7s49	2s29	5n16
F 2	6 3	14 7	1 33	13 32	1 14	16 51	0 45	17 13	1 13	12 27	1 31	8 34	1 55	16 34	0 40	5 59	1 24	26 43	5 8	6 19	6 51	7 45	2 30	5 16
S 3	5 40	19 0	2 34	13 11	1 23	16 31	0 47	17 2	1 13	12 30	1 31	8 31	1 55	16 33	0 40	6 0	1 24	26 43	5 8	6 20	6 49	7 42	2 31	5 16
S 4	5 17	23 10	3 30	12 47	1 30	16 11	0 50	16 51	1 13	12 32	1 31	8 29	1 55	16 32	0 40	6 1	1 24	26 43	5 8	6 21	6 48	7 39	2 32	5 16
M 5	4 54	26 21	4 16	12 19	1 36	15 50	0 52	16 39	1 14	12 35	1 31	8 26	1 55	16 31	0 40	6 1	1 24	26 43	5 8	6 21	6 47	7 35	2 33	5 16
T 6	4 31	28 15	4 51	11 49	1 42	15 29	0 54	16 28	1 14	12 37	1 31	8 23	1 55	16 30	0 40	6 2	1 24	26 43	5 8	6 21	6 46	7 32	2 34	5 16
W 7	4 8	28 33	5 11	11 17	1 46	15 7	0 57	16 16	1 14	12 40	1 31	8 20	1 56	16 29	0 40	6 3	1 24	26 43	5 8	6 21	6 45	7 29	2 35	5 16
T 8	3 44	27 5	5 13	10 42	1 49	14 45	0 59	16 5	1 15	12 42	1 30	8 17	1 56	16 28	0 40	6 3	1 24	26 43	5 8	6 20	6 43	7 25	2 37	5 15
F 9	3 21	23 50	4 57	10 5	1 51	14 22	1 1	15 53	1 15	12 45	1 30	8 14	1 56	16 27	0 40	6 4	1 24	26 43	5 8	6 19	6 42	7 22	2 38	5 15
S 10	2 58	18 59	4 21	9 27	1 53	13 59	1 3	15 41	1 15	12 47	1 30	8 12	1 56	16 26	0 40	6 5	1 24	26 43	5 8	6 17	6 41	7 19	2 39	5 15
S 11	2 34	12 52	3 26	8 47	1 53	13 36	1 5	15 29	1 15	12 50	1 30	8 9	1 56	16 25	0 41	6 5	1 24	26 43	5 8	6 16	6 40	7 15	2 40	5 15
M12	2 11	5 56	2 16	8 6	1 53	13 12	1 7	15 17	1 16	12 52	1 30	8 6	1 56	16 24	0 41	6 6	1 24	26 43	5 8	6 15	6 38	7 12	2 41	5 15
T 13	1 47	1s21	0 56	7 23	1 52	12 48	1 9	15 5	1 16	12 54	1 30	8 3	1 56	16 23	0 41	6 7	1 24	26 43	5 8	6 15	6 37	7 9	2 42	5 15
W14	1 23	8 29	0s26	6 40	1 51	12 23	1 10	14 53	1 16	12 56	1 30	8 1	1 56	16 22	0 41	6 7	1 24	26 43	5 8	6 15	6 36	7 5	2 43	5 15
T 15	1 0	15 0	1 46	5 55	1 49	11 59	1 12	14 40	1 16	12 58	1 30	7 58	1 56	16 21	0 41	6 8	1 24	26 43	5 8	6 15	6 35	7 2	2 44	5 15
F 16	0 36	20 33	2 56	5 11	1 46	11 33	1 14	14 28	1 17	13 0	1 30	7 55	1 56	16 20	0 41	6 9	1 24	26 43	5 8	6 16	6 34	6 59	2 45	5 14
S 17	0 12	24 47	3 54	4 25	1 43	11 8	1 15	14 15	1 17	13 2	1 30	7 52	1 56	16 19	0 41	6 9	1 24	26 43	5 7	6 16	6 32	6 55	2 46	5 14
S 18	0s11	27 31	4 37	3 39	1 39	10 42	1 17	14 3	1 17	13 4	1 30	7 50	1 56	16 19	0 41	6 10	1 24	26 43	5 7	6 16	6 31	6 52	2 48	5 14
M19	0 35	28 38	5 4	2 53	1 35	10 16	1 18	13 50	1 17	13 6	1 30	7 47	1 57	16 18	0 41	6 11	1 24	26 43	5 7	6 17	6 30	6 49	2 49	5 14
T 20	0 59	28 13	5 16	2 7	1 31	9 49	1 20	13 38	1 18	13 8	1 29	7 44	1 57	16 17	0 41	6 11	1 24	26 43	5 7	6 17	6 29	6 45	2 50	5 14
W21	1 22	26 23	5 13	1 21	1 26	9 22	1 21	13 25	1 18	13 10	1 29	7 41	1 57	16 16	0 41	6 12	1 24	26 43	5 7	6 16	6 27	6 42	2 51	5 14
T 22	1 46	23 22	4 55	0 34	1 21	8 55	1 22	13 12	1 18	13 12	1 29	7 39	1 57	16 15	0 41	6 12	1 24	26 43	5 7	6 16	6 26	6 39	2 52	5 14
F 23	2 10	19 23	4 25	0s12	1 16	8 28	1 24	12 59	1 18	13 13	1 29	7 36	1 57	16 14	0 41	6 13	1 24	26 43	5 7	6 15	6 25	6 35	2 53	5 13
S 24	2 34	14 41	3 44	0 58	1 10	8 1	1 25	12 46	1 19	13 15	1 29	7 33	1 57	16 13	0 41	6 14	1 24	26 43	5 7	6 15	6 24	6 32	2 54	5 13
S 25	2 57	9 29	2 53	1 45	1 5	7 33	1 26	12 33	1 19	13 16	1 29	7 31	1 57	16 13	0 41	6 14	1 24	26 43	5 7	6 14	6 23	6 29	2 55	5 13
M26	3 21	3 56	1 55	2 30	0 59	7 5	1 27	12 20	1 19	13 18	1 29	7 28	1 57	16 12	0 41	6 15	1 24	26 43	5 7	6 14	6 21	6 25	2 56	5 13
T 27	3 44	1n46	0 52	3 16	0 53	6 36	1 28	12 7	1 19	13 19	1 28	7 25	1 57	16 11	0 41	6 15	1 24	26 43	5 7	6 14	6 20	6 22	2 57	5 13
W28	4 8	7 26	0n14	4 1	0 47	6 8	1 28	11 54	1 19	13 20	1 28	7 23	1 58	16 10	0 41	6 16	1 24	26 43	5 7	6 13	6 19	6 19	2 58	5 12
T 29	4 31	12 54	1 20	4 46	0 40	5 39	1 29	11 40	1 20	13 22	1 28	7 20	1 58	16 9	0 41	6 17	1 24	26 43	5 7	6 14	6 18	6 15	2 59	5 12
F 30	4s55	17n56	2n23	5s31	0n34	5n11	1n30	11n27	1n20	13s23	1s28	7n17	1n58	16n 9	0n41	6s17	1s24	26s43	5s 7	6n14	6n16	6s12	3s 0	5n12

Julian Day Number = 2100065.5, Delta T = 21m32s
Ecliptic obliquity = 23°34'00, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'35, Lahiri = 10°26'36 Julian Calendar 1 Sept. 1037 == Greg. Calendar 7 Sept. 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

OCTOBER 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 0 55	13♎21'54	24♉48	16♎54	21♍42	4♍18	28°R35	16♍17	18♌ 7	17°R24	22♑30	15♈45	15♈48	19♓47	10°R 4	S 1
S 2	1 4 52	14°21'40	7♊20	18°32	22°57	4°55	28♒32	16°24	18° 9	17♓22	22°30	15°45	15°45	19°54	10♓ 2	S 2
M 3	1 8 48	15°21'28	20° 7	20°10	24°11	5°32	28°28	16°31	18°12	17°21	22°30	15°R45	15°42	20° 1	10° 0	M 3
T 4	1 12 45	16°21'18	3♋11	21°47	25°26	6° 9	28°25	16°38	18°14	17°20	22°30	15°45	15°39	20° 7	9°58	T 4
W 5	1 16 42	17°21'10	16°35	23°23	26°41	6°46	28°23	16°45	18°17	17°18	22°30	15°D45	15°36	20°14	9°56	W 5
T 6	1 20 38	18°21'05	0♌20	24°59	27°56	7°23	28°20	16°51	18°19	17°17	22°30	15°45	15°33	20°21	9°54	T 6
F 7	1 24 35	19°21'01	14°28	26°35	29°10	8° 0	28°18	16°58	18°21	17°15	22°30	15°45	15°29	20°27	9°52	F 7
S 8	1 28 31	20°21'00	28°56	28°10	0♎25	8°37	28°15	17° 5	18°23	17°14	22°31	15°46	15°26	20°34	9°50	S 8
S 9	1 32 28	21°21'02	13♍41	29°44	1°40	9°14	28°13	17°11	18°26	17°13	22°31	15°46	15°23	20°41	9°48	S 9
M10	1 36 24	22°21'05	28°37	1♏18	2°55	9°51	28°11	17°18	18°28	17°11	22°31	15°47	15°20	20°47	9°46	M10
T 11	1 40 21	23°21'10	13♎38	2°52	4°10	10°28	28°10	17°24	18°30	17°10	22°31	15°R47	15°17	20°54	9°44	T 11
W12	1 44 17	24°21'17	28°34	4°25	5°25	11° 5	28° 8	17°31	18°32	17° 9	22°32	15°47	15°13	21° 1	9°42	W12
T 13	1 48 14	25°21'27	13♏18	5°57	6°40	11°42	28° 7	17°37	18°34	17° 8	22°32	15°46	15°10	21° 7	9°41	T 13
F 14	1 52 10	26°21'38	27°42	7°30	7°55	12°19	28° 6	17°44	18°36	17° 6	22°33	15°45	15° 7	21°14	9°39	F 14
S 15	1 56 7	27°21'50	11♐42	9° 1	9°10	12°56	28° 5	17°50	18°38	17° 5	22°33	15°44	15° 4	21°21	9°37	S 15
S 16	2 0 4	28°22'05	25°16	10°33	10°25	13°32	28° 5	17°56	18°40	17° 4	22°33	15°42	15° 1	21°27	9°36	S 16
M17	2 4 0	29°22'21	8♑24	12° 4	11°40	14° 9	28° 4	18° 2	18°41	17° 3	22°34	15°41	14°58	21°34	9°34	M17
T 18	2 7 57	0♏22'38	21° 8	13°34	12°55	14°46	28°D 4	18° 9	18°43	17° 2	22°34	15°40	14°54	21°41	9°33	T 18
W19	2 11 53	1°22'57	3♒31	15° 4	14°10	15°23	28° 4	18°15	18°45	17° 1	22°35	15°D40	14°51	21°47	9°31	W19
T 20	2 15 50	2°23'18	15°39	16°34	15°26	15°59	28° 4	18°21	18°46	17° 0	22°35	15°40	14°48	21°54	9°30	T 20
F 21	2 19 46	3°23'39	27°36	18° 3	16°41	16°36	28° 5	18°27	18°48	16°59	22°36	15°41	14°45	22° 1	9°29	F 21
S 22	2 23 43	4°24'03	9♓26	19°32	17°56	17°13	28° 5	18°33	18°50	16°58	22°37	15°43	14°42	22° 7	9°27	S 22
S 23	2 27 40	5°24'27	21°14	21° 1	19°11	17°49	28° 6	18°39	18°51	16°57	22°37	15°44	14°39	22°14	9°26	S 23
M24	2 31 36	6°24'54	3♈ 4	22°29	20°26	18°26	28° 7	18°44	18°53	16°56	22°38	15°46	14°35	22°20	9°25	M24
T 25	2 35 33	7°25'21	14°59	23°56	21°42	19° 2	28° 9	18°50	18°54	16°55	22°39	15°R46	14°32	22°27	9°24	T 25
W26	2 39 29	8°25'51	27° 2	25°23	22°57	19°39	28°10	18°56	18°55	16°54	22°39	15°46	14°29	22°34	9°23	W26
T 27	2 43 26	9°26'21	9♉15	26°49	24°12	20°15	28°12	19° 2	18°57	16°53	22°40	15°44	14°26	22°40	9°22	T 27
F 28	2 47 22	10°26'54	21°40	28°15	25°27	20°52	28°13	19° 7	18°58	16°52	22°41	15°41	14°23	22°47	9°21	F 28
S 29	2 51 19	11°27'28	4♊17	29°40	26°43	21°28	28°16	19°13	18°59	16°51	22°42	15°37	14°19	22°54	9°20	S 29
S 30	2 55 15	12°28'04	17° 8	1♐ 4	27°58	22° 5	28°18	19°18	19° 0	16°51	22°42	15°33	14°16	23° 0	9°19	S 30
M31	2 59 12	13♏28'41	0♋11	2♐27	29♎13	22♍41	28♒20	19♍23	19♌ 1	16♓50	22♑43	15♈28	14♈13	23♓ 7	9♓18	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	5s18	22n18	3n20	6s15	0n27	4n42	1n30	11n14	1n20	13s24	1s28	7n15	1n58	16n 8	0n41	6s18	1s24	26s43	5s 7	6n14	6n15	6s 9	3s 1	5n12	
S 2	5 41	25 45	4 9	6 59	0 21	4 12	1 31	11 0	1 20	13 25	1 28	7 12	1 58	16 7	0 41	6 18	1 24	26 43	5 7	6 14	6 14	6 5	3 2	5 12	
M 3	6 5	27 57	4 47	7 42	0 14	3 43	1 31	10 47	1 21	13 26	1 27	7 10	1 58	16 7	0 41	6 19	1 24	26 43	5 6	6 14	6 13	6 2	3 3	5 11	
T 4	6 28	28 42	5 10	8 25	0 7	3 14	1 32	10 33	1 21	13 27	1 27	7 7	1 58	16 6	0 41	6 19	1 24	26 43	5 6	6 14	6 11	5 58	3 4	5 11	
W 5	6 51	27 47	5 18	9 7	0 1	2 44	1 32	10 19	1 21	13 28	1 27	7 5	1 58	16 5	0 41	6 20	1 24	26 43	5 6	6 14	6 10	5 55	3 5	5 11	
T 6	7 14	25 11	5 8	9 49	0s 6	2 14	1 32	10 6	1 21	13 28	1 27	7 2	1 59	16 4	0 41	6 20	1 24	26 43	5 6	6 14	6 9	5 52	3 6	5 11	
F 7	7 37	21 1	4 39	10 30	0 13	1 45	1 33	9 52	1 21	13 29	1 27	7 0	1 59	16 4	0 41	6 21	1 24	26 42	5 6	6 14	6 8	5 48	3 7	5 10	
S 8	8 0	15 32	3 52	11 11	0 20	1 15	1 33	9 38	1 22	13 30	1 26	6 57	1 59	16 3	0 41	6 21	1 24	26 42	5 6	6 14	6 7	5 45	3 8	5 10	
S 9	8 22	9 3	2 49	11 51	0 26	0 45	1 33	9 25	1 22	13 30	1 26	6 55	1 59	16 2	0 41	6 22	1 24	26 42	5 6	6 14	6 5	5 42	3 9	5 10	
M10	8 45	1 59	1 34	12 30	0 33	0 15	1 33	9 11	1 22	13 31	1 26	6 52	1 59	16 2	0 41	6 22	1 24	26 42	5 6	6 15	6 4	5 38	3 10	5 10	
T 11	9 7	5s13	0 12	13 9	0 40	0s15	1 33	8 57	1 22	13 31	1 26	6 50	1 59	16 1	0 41	6 23	1 24	26 42	5 6	6 15	6 3	5 35	3 11	5 9	
W12	9 29	12 7	1s10	13 47	0 46	0 45	1 32	8 43	1 22	13 31	1 26	6 48	2 0	16 1	0 42	6 23	1 24	26 42	5 6	6 15	6 2	5 31	3 12	5 9	
T 13	9 52	18 15	2 27	14 24	0 53	1 15	1 32	8 29	1 23	13 32	1 25	6 45	2 0	16 0	0 42	6 24	1 24	26 42	5 6	6 14	6 0	5 28	3 13	5 9	
F 14	10 14	23 12	3 32	15 1	0 59	1 45	1 32	8 15	1 23	13 32	1 25	6 43	2 0	15 59	0 42	6 24	1 24	26 42	5 6	6 14	5 59	5 25	3 14	5 9	
S 15	10 35	26 39	4 23	15 37	1 5	2 15	1 31	8 1	1 23	13 32	1 25	6 40	2 0	15 59	0 42	6 25	1 24	26 41	5 6	6 13	5 58	5 21	3 14	5 8	
S 16	10 57	28 26	4 57	16 12	1 11	2 45	1 31	7 47	1 23	13 32	1 25	6 38	2 0	15 58	0 42	6 25	1 24	26 41	5 6	6 13	5 57	5 18	3 15	5 8	
M17	11 19	28 31	5 14	16 46	1 18	3 15	1 30	7 33	1 23	13 32	1 25	6 36	2 0	15 58	0 42	6 26	1 24	26 41	5 6	6 12	5 55	5 15	3 16	5 8	
T 18	11 40	27 5	5 15	17 19	1 23	3 45	1 30	7 19	1 24	13 32	1 24	6 34	2 1	15 57	0 42	6 26	1 24	26 41	5 5	6 12	5 54	5 11	3 17	5 8	
W19	12 1	24 21	5 2	17 52	1 29	4 15	1 29	7 5	1 24	13 31	1 24	6 31	2 1	15 57	0 42	6 26	1 24	26 41	5 5	6 12	5 53	5 8	3 18	5 7	
T 20	12 22	20 35	4 34	18 24	1 35	4 45	1 28	6 51	1 24	13 31	1 24	6 29	2 1	15 56	0 42	6 27	1 24	26 41	5 5	6 12	5 52	5 4	3 18	5 7	
F 21	12 43	16 3	3 56	18 54	1 40	5 14	1 28	6 36	1 24	13 31	1 24	6 27	2 1	15 56	0 42	6 27	1 24	26 41	5 5	6 12	5 50	5 1	3 19	5 7	
S 22	13 3	10 58	3 8	19 24	1 46	5 44	1 27	6 22	1 24	13 30	1 24	6 25	2 1	15 55	0 42	6 27	1 24	26 40	5 5	6 13	5 49	4 58	3 20	5 7	
S 23	13 24	5 30	2 11	19 53	1 51	6 14	1 26	6 8	1 25	13 30	1 23	6 23	2 1	15 55	0 42	6 28	1 24	26 40	5 5	6 14	5 48	4 54	3 21	5 6	
M24	13 44	0n10	1 10	20 21	1 56	6 43	1 25	5 54	1 25	13 29	1 23	6 20	2 2	15 55	0 42	6 28	1 24	26 40	5 5	6 14	5 47	4 51	3 21	5 6	
T 25	14 4	5 52	0 4	20 48	2 0	7 12	1 24	5 40	1 25	13 29	1 23	6 18	2 2	15 54	0 42	6 29	1 24	26 40	5 5	6 14	5 46	4 47	3 22	5 6	
W26	14 23	11 26	1n 2	21 14	2 5	7 41	1 23	5 25	1 25	13 28	1 23	6 16	2 2	15 54	0 42	6 29	1 24	26 40	5 5	6 14	5 44	4 44	3 23	5 5	
T 27	14 43	16 38	2 6	21 38	2 9	8 10	1 22	5 11	1 25	13 27	1 22	6 14	2 2	15 54	0 42	6 29	1 24	26 39	5 5	6 13	5 43	4 41	3 23	5 5	
F 28	15 2	21 15	3 5	22 2	2 13	8 39	1 20	4 57	1 25	13 26	1 22	6 12	2 2	15 53	0 42	6 29	1 23	26 39	5 5	6 12	5 42	4 37	3 24	5 5	
S 29	15 21	24 58	3 56	22 24	2 16	9 7	1 19	4 43	1 26	13 25	1 22	6 10	2 3	15 53	0 42	6 30	1 23	26 39	5 5	6 11	5 41	4 34	3 25	5 4	
S 30	15 40	27 31	4 36	22 45	2 19	9 36	1 18	4 28	1 26	13 24	1 22	6 8	2 3	15 53	0 42	6 30	1 23	26 39	5 5	6 9	5 39	4 30	3 25	5 4	
M31	15s58	28n36	5n 2	23s 5	2s22	10s 4	1n16	4n14	1n26	13s23	1s22	6n 6	2n 3	15n52	0n42	6s30	1s23	26s39	5s 5	6n 7	5n38	4s27	3s26	5n 4	

Julian Day Number = 2100095.5, Delta T = 21m32s
Ecliptic obliquity = 23°34'00, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'39, Lahiri = 10°26'40 Julian Calendar 1 Oct. 1037 == Greg. Calendar 7 Oct. 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

NOVEMBER 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 3 9	14♏29'20	13♋27	3♐49	0♏29	23♍17	28♒23	19♍29	19♌ 2	16°R49	22♑44	15°R24	14♈10	23♓14	9°R17	T 1
W 2	3 7 5	15°30'01	26°57	5°11	1°44	23°54	28°26	19°34	19° 3	16♓48	22°45	15♈22	14° 7	23°20	9♓16	W 2
T 3	3 11 2	16°30'44	10♌41	6°31	3° 0	24°30	28°29	19°39	19° 4	16°48	22°46	15°D20	14° 4	23°27	9°16	T 3
F 4	3 14 58	17°31'28	24°38	7°49	4°15	25° 6	28°32	19°44	19° 5	16°47	22°47	15°20	14° 0	23°34	9°15	F 4
S 5	3 18 55	18°32'14	8♍48	9° 6	5°30	25°42	28°36	19°49	19° 6	16°47	22°48	15°21	13°57	23°40	9°15	S 5
S 6	3 22 51	19°33'01	23°10	10°21	6°46	26°19	28°39	19°54	19° 6	16°46	22°49	15°23	13°54	23°47	9°14	S 6
M 7	3 26 48	20°33'50	7♎41	11°34	8° 1	26°55	28°43	19°59	19° 7	16°46	22°50	15°24	13°51	23°54	9°14	M 7
T 8	3 30 44	21°34'41	22°16	12°45	9°17	27°31	28°47	20° 4	19° 8	16°45	22°51	15°R24	13°48	24° 0	9°13	T 8
W 9	3 34 41	22°35'33	6♏52	13°53	10°32	28° 7	28°51	20° 8	19° 8	16°45	22°52	15°22	13°44	24° 7	9°13	W 9
T 10	3 38 38	23°36'26	21°20	14°57	11°48	28°43	28°56	20°13	19° 9	16°44	22°53	15°19	13°41	24°14	9°13	T 10
F 11	3 42 34	24°37'20	5♐36	15°58	13° 3	29°19	29° 0	20°18	19° 9	16°44	22°54	15°13	13°38	24°20	9°12	F 11
S 12	3 46 31	25°38'16	19°33	16°55	14°19	29°55	29° 5	20°22	19°10	16°43	22°56	15° 6	13°35	24°27	9°12	S 12
S 13	3 50 27	26°39'13	3♑ 8	17°47	15°34	0♎31	29°10	20°26	19°10	16°43	22°57	14°59	13°32	24°34	9°12	S 13
M14	3 54 24	27°40'10	16°19	18°34	16°50	1° 7	29°15	20°31	19°10	16°43	22°58	14°52	13°29	24°40	9°D12	M14
T 15	3 58 20	28°41'09	29° 7	19°15	18° 5	1°43	29°20	20°35	19°11	16°42	22°59	14°47	13°25	24°47	9°12	T 15
W16	4 2 17	29°42'08	11♒33	19°48	19°21	2°19	29°26	20°39	19°11	16°42	23° 0	14°43	13°22	24°54	9°12	W16
T 17	4 6 13	0♐43'07	23°43	20°14	20°36	2°54	29°32	20°43	19°11	16°42	23° 2	14°41	13°19	25° 0	9°12	T 17
F 18	4 10 10	1°44'08	5♓40	20°32	21°52	3°30	29°37	20°47	19°11	16°42	23° 3	14°D41	13°16	25° 7	9°12	F 18
S 19	4 14 7	2°45'09	17°30	20°R40	23° 7	4° 6	29°44	20°51	19°R11	16°42	23° 4	14°42	13°13	25°14	9°13	S 19
S 20	4 18 3	3°46'11	29°18	20°38	24°23	4°42	29°50	20°55	19°11	16°42	23° 6	14°43	13°10	25°20	9°13	S 20
M21	4 22 0	4°47'13	11♈ 9	20°25	25°38	5°17	29°56	20°58	19°11	16°42	23° 7	14°R44	13° 6	25°27	9°13	M21
T 22	4 25 56	5°48'16	23° 8	20° 0	26°54	5°53	0♓ 3	21° 2	19°11	16°D42	23° 8	14°44	13° 3	25°33	9°14	T 22
W23	4 29 53	6°49'19	5♉18	19°24	28° 9	6°28	0° 9	21° 5	19°10	16°42	23°10	14°41	13° 0	25°40	9°14	W23
T 24	4 33 49	7°50'23	17°44	18°37	29°25	7° 4	0°16	21° 9	19°10	16°42	23°11	14°37	12°57	25°47	9°15	T 24
F 25	4 37 46	8°51'28	0♊25	17°39	0♐40	7°39	0°23	21°12	19°10	16°42	23°13	14°29	12°54	25°53	9°15	F 25
S 26	4 41 42	9°52'33	13°24	16°31	1°56	8°15	0°30	21°15	19°10	16°42	23°14	14°20	12°50	26° 0	9°16	S 26
S 27	4 45 39	10°53'39	26°38	15°17	3°11	8°50	0°38	21°19	19° 9	16°42	23°15	14°10	12°47	26° 7	9°16	S 27
M28	4 49 36	11°54'46	10♋ 6	13°57	4°27	9°25	0°45	21°22	19° 9	16°42	23°17	14° 0	12°44	26°13	9°17	M28
T 29	4 53 32	12°55'53	23°46	12°34	5°42	10° 1	0°53	21°24	19° 8	16°42	23°18	13°50	12°41	26°20	9°18	T 29
W30	4 57 29	13♐57'02	7♌34	11♐12	6♐58	10♎36	1♓ 1	21♍27	19♌ 7	16♓43	23♑20	13♈43	12♈38	26♓27	9♓19	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s16	28n 4	5n13	23s24	2s25	10s32	1n15	4n 0	1n26	13s22	1s21	6n 5	2n 3	15n52	0n42	6s31	1s23	26s38	5s 5	6n 6	5n37	4s24	3s27	5n 4
W 2	16 34	25 53	5 7	23 41	2 27	11 0	1 13	3 45	1 26	13 21	1 21	6 3	2 4	15 52	0 42	6 31	1 23	26 38	5 5	6 5	5 36	4 20	3 27	5 3
T 3	16 52	22 11	4 43	23 57	2 28	11 27	1 12	3 31	1 26	13 20	1 21	6 1	2 4	15 51	0 42	6 31	1 23	26 38	5 4	6 4	5 34	4 17	3 28	5 3
F 4	17 9	17 11	4 3	24 11	2 29	11 54	1 10	3 17	1 27	13 18	1 21	5 59	2 4	15 51	0 42	6 31	1 23	26 38	5 4	6 4	5 33	4 13	3 28	5 3
S 5	17 26	11 12	3 7	24 24	2 30	12 21	1 9	3 2	1 27	13 17	1 20	5 57	2 4	15 51	0 43	6 31	1 23	26 38	5 4	6 5	5 32	4 10	3 29	5 2
S 6	17 43	4 32	1 59	24 35	2 30	12 47	1 7	2 48	1 27	13 15	1 20	5 55	2 4	15 51	0 43	6 32	1 23	26 37	5 4	6 5	5 31	4 7	3 29	5 2
M 7	17 59	2s25	0 42	24 45	2 29	13 14	1 5	2 34	1 27	13 14	1 20	5 54	2 5	15 51	0 43	6 32	1 23	26 37	5 4	6 6	5 29	4 3	3 30	5 2
T 8	18 15	9 18	0s37	24 53	2 28	13 40	1 3	2 19	1 27	13 12	1 20	5 52	2 5	15 50	0 43	6 32	1 23	26 37	5 4	6 6	5 28	4 0	3 30	5 1
W 9	18 31	15 40	1 54	25 0	2 26	14 5	1 2	2 5	1 27	13 11	1 20	5 50	2 5	15 50	0 43	6 32	1 23	26 37	5 4	6 5	5 27	3 56	3 30	5 1
T 10	18 46	21 8	3 3	25 5	2 23	14 30	1 0	1 51	1 27	13 9	1 19	5 49	2 5	15 50	0 43	6 32	1 23	26 36	5 4	6 4	5 26	3 53	3 31	5 1
F 11	19 2	25 16	3 59	25 8	2 19	14 55	0 58	1 37	1 28	13 7	1 19	5 47	2 6	15 50	0 43	6 32	1 23	26 36	5 4	6 2	5 25	3 49	3 31	5 0
S 12	19 16	27 48	4 40	25 9	2 14	15 20	0 56	1 22	1 28	13 5	1 19	5 46	2 6	15 50	0 43	6 32	1 23	26 36	5 4	5 59	5 23	3 46	3 32	5 0
S 13	19 31	28 35	5 3	25 8	2 9	15 44	0 54	1 8	1 28	13 3	1 19	5 44	2 6	15 50	0 43	6 33	1 23	26 36	5 4	5 56	5 22	3 43	3 32	5 0
M14	19 45	27 41	5 9	25 6	2 2	16 7	0 52	0 54	1 28	13 1	1 19	5 43	2 6	15 50	0 43	6 33	1 23	26 35	5 4	5 53	5 21	3 39	3 32	5 0
T 15	19 58	25 20	5 0	25 1	1 54	16 31	0 50	0 40	1 28	12 59	1 18	5 41	2 7	15 50	0 43	6 33	1 23	26 35	5 4	5 51	5 20	3 36	3 32	4 59
W16	20 12	21 50	4 36	24 55	1 45	16 53	0 48	0 25	1 28	12 57	1 18	5 40	2 7	15 50	0 43	6 33	1 23	26 35	5 4	5 50	5 18	3 32	3 33	4 59
T 17	20 25	17 28	4 1	24 46	1 34	17 16	0 46	0 11	1 28	12 55	1 18	5 38	2 7	15 50	0 43	6 33	1 23	26 35	5 4	5 49	5 17	3 29	3 33	4 59
F 18	20 37	12 30	3 15	24 36	1 22	17 38	0 44	0s 3	1 28	12 53	1 18	5 37	2 7	15 50	0 43	6 33	1 23	26 34	5 4	5 49	5 16	3 25	3 33	4 58
S 19	20 49	7 8	2 22	24 23	1 9	17 59	0 41	0 17	1 29	12 50	1 17	5 36	2 8	15 50	0 43	6 33	1 23	26 34	5 4	5 49	5 15	3 22	3 33	4 58
S 20	21 1	1 33	1 22	24 8	0 54	18 20	0 39	0 31	1 29	12 48	1 17	5 35	2 8	15 50	0 43	6 33	1 23	26 34	5 4	5 50	5 13	3 19	3 34	4 58
M21	21 12	4n 8	0 19	23 51	0 38	18 40	0 37	0 45	1 29	12 45	1 17	5 33	2 8	15 50	0 43	6 33	1 23	26 34	5 4	5 50	5 12	3 15	3 34	4 57
T 22	21 23	9 44	0n45	23 32	0 21	19 0	0 35	0 59	1 29	12 43	1 17	5 32	2 8	15 50	0 43	6 33	1 23	26 33	5 4	5 50	5 11	3 12	3 34	4 57
W23	21 34	15 4	1 48	23 11	0 2	19 20	0 32	1 13	1 29	12 40	1 17	5 31	2 9	15 50	0 43	6 33	1 23	26 33	5 4	5 49	5 10	3 8	3 34	4 57
T 24	21 44	19 53	2 48	22 47	0n17	19 39	0 30	1 27	1 29	12 38	1 16	5 30	2 9	15 50	0 43	6 33	1 22	26 33	5 4	5 47	5 8	3 5	3 34	4 56
F 25	21 54	23 56	3 40	22 22	0 37	19 57	0 28	1 41	1 29	12 35	1 16	5 29	2 9	15 51	0 43	6 33	1 22	26 33	5 4	5 45	5 7	3 1	3 34	4 56
S 26	22 3	26 51	4 22	21 55	0 58	20 15	0 25	1 55	1 29	12 32	1 16	5 28	2 9	15 51	0 43	6 33	1 22	26 32	5 4	5 41	5 6	2 58	3 34	4 56
S 27	22 12	28 22	4 51	21 28	1 18	20 32	0 23	2 9	1 29	12 29	1 16	5 27	2 10	15 51	0 44	6 32	1 22	26 32	5 4	5 37	5 5	2 55	3 34	4 55
M28	22 20	28 14	5 4	20 59	1 37	20 48	0 21	2 23	1 29	12 27	1 16	5 26	2 10	15 51	0 44	6 32	1 22	26 32	5 4	5 33	5 3	2 51	3 34	4 55
T 29	22 28	26 23	5 0	20 31	1 55	21 4	0 18	2 37	1 30	12 24	1 16	5 25	2 10	15 51	0 44	6 32	1 22	26 31	5 4	5 29	5 2	2 48	3 34	4 55
W30	22s36	22n58	4n39	20s 4	2n11	21s20	0n16	2s51	1n30	12s21	1s15	5n24	2n10	15n51	0n44	6s32	1s22	26s31	5s 3	5n26	5n 1	2s44	3s34	4n54

Julian Day Number = 2100126.5, Delta T = 21m31s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'44, Lahiri = 10°26'44 Julian Calendar 1 Nov. 1037 == Greg. Calendar 7 Nov. 1037

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ASTRODIENST EPHEMERIS for the year 1037
geocentric

DECEMBER 1037 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 1 25	14♐58'10	21♌30	9°R52	8♐14	11♎11	1♓ 9	21♍30	19°R 7	16♓43	23♑21	13°R38	12♈35	26♓33	9♓20	T 1
F 2	5 5 22	15°59'20	5♍30	8♐38	9°29	11°46	1°17	21°33	19♌ 6	16°43	23°23	13♈36	12°31	26°40	9°21	F 2
S 3	5 9 18	17° 0'30	19°33	7°32	10°45	12°21	1°25	21°35	19° 5	16°44	23°25	13°D35	12°28	26°47	9°22	S 3
S 4	5 13 15	18° 1'41	3♎40	6°34	12° 0	12°56	1°34	21°38	19° 5	16°44	23°26	13°36	12°25	26°53	9°23	S 4
M 5	5 17 11	19° 2'52	17°48	5°47	13°16	13°31	1°42	21°40	19° 4	16°44	23°28	13°R36	12°22	27° 0	9°24	M 5
T 6	5 21 8	20° 4'04	1♏57	5°10	14°31	14° 6	1°51	21°42	19° 3	16°45	23°29	13°34	12°19	27° 7	9°25	T 6
W 7	5 25 5	21° 5'17	16° 5	4°44	15°47	14°41	2° 0	21°44	19° 2	16°45	23°31	13°30	12°16	27°13	9°26	W 7
T 8	5 29 1	22° 6'30	0♑ 7	4°28	17° 2	15°16	2° 9	21°46	19° 1	16°46	23°33	13°24	12°12	27°20	9°27	T 8
F 9	5 32 58	23° 7'43	14° 0	4°D23	18°18	15°50	2°18	21°48	19° 0	16°46	23°34	13°14	12° 9	27°27	9°29	F 9
S 10	5 36 54	24° 8'57	27°40	4°27	19°33	16°25	2°27	21°50	18°59	16°47	23°36	13° 2	12° 6	27°33	9°30	S 10
S 11	5 40 51	25°10'10	11♑ 4	4°39	20°49	17° 0	2°36	21°52	18°57	16°48	23°38	12°50	12° 3	27°40	9°32	S 11
M12	5 44 47	26°11'24	24° 9	5° 0	22° 4	17°34	2°46	21°53	18°56	16°48	23°39	12°37	12° 0	27°47	9°33	M12
T 13	5 48 44	27°12'37	6♒53	5°27	23°20	18° 9	2°56	21°55	18°55	16°49	23°41	12°26	11°57	27°53	9°35	T 13
W14	5 52 41	28°13'50	19°20	6° 1	24°35	18°43	3° 5	21°56	18°54	16°50	23°43	12°17	11°53	28° 0	9°36	W14
T 15	5 56 37	29°15'03	1♓29	6°41	25°51	19°17	3°15	21°57	18°52	16°51	23°45	12°12	11°50	28° 6	9°38	T 15
F 16	6 0 34	0♑16'15	13°27	7°26	27° 6	19°52	3°25	21°59	18°51	16°51	23°46	12° 8	11°47	28°13	9°40	F 16
S 17	6 4 30	1°17'27	25°16	8°16	28°22	20°26	3°36	22° 0	18°49	16°52	23°48	12° 7	11°44	28°20	9°41	S 17
S 18	6 8 27	2°18'39	7♈ 4	9°10	29°37	21° 0	3°46	22° 1	18°48	16°53	23°50	12° 7	11°41	28°26	9°43	S 18
M19	6 12 23	3°19'50	18°55	10° 8	0♑53	21°34	3°56	22° 1	18°46	16°54	23°52	12° 7	11°37	28°33	9°45	M19
T 20	6 16 20	4°21'01	0♉55	11° 8	2° 8	22° 8	4° 7	22° 2	18°45	16°55	23°53	12° 6	11°34	28°40	9°47	T 20
W21	6 20 16	5°22'11	13° 8	12°12	3°24	22°42	4°17	22° 3	18°43	16°56	23°55	12° 2	11°31	28°46	9°49	W21
T 22	6 24 13	6°23'20	25°40	13°19	4°39	23°16	4°28	22° 3	18°41	16°57	23°57	11°56	11°28	28°53	9°51	T 22
F 23	6 28 10	7°24'29	8♊33	14°28	5°55	23°50	4°39	22° 4	18°40	16°58	23°59	11°47	11°25	29° 0	9°53	F 23
S 24	6 32 6	8°25'38	21°48	15°39	7°10	24°23	4°50	22° 4	18°38	16°59	24° 1	11°36	11°22	29° 6	9°55	S 24
S 25	6 36 3	9°26'46	5♋24	16°52	8°26	24°57	5° 1	22° 4	18°36	17° 0	24° 3	11°23	11°18	29°13	9°57	S 25
M26	6 39 59	10°27'53	19°19	18° 6	9°41	25°31	5°12	22°R 4	18°34	17° 1	24° 4	11°10	11°15	29°20	9°59	M26
T 27	6 43 56	11°29'00	3♌27	19°23	10°56	26° 4	5°23	22° 4	18°32	17° 2	24° 6	10°58	11°12	29°26	10° 1	T 27
W28	6 47 52	12°30'07	17°43	20°40	12°12	26°37	5°35	22° 4	18°30	17° 4	24° 8	10°48	11° 9	29°33	10° 4	W28
T 29	6 51 49	13°31'13	2♍ 2	21°59	13°27	27°11	5°46	22° 4	18°28	17° 5	24°10	10°41	11° 6	29°40	10° 6	T 29
F 30	6 55 45	14°32'18	16°19	23°20	14°43	27°44	5°58	22° 4	18°26	17° 6	24°12	10°38	11° 3	29°46	10° 8	F 30
S 31	6 59 42	15♑33'23	0♎32	24♐41	15♑58	28♎17	6♓ 9	22♍ 3	18♌24	17♓ 7	24♑14	10♈36	10♈59	29♓53	10♓11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s43	18n13	4n 1	19s39	2n26	21s34	0n14	3s 4	1n30	12s18	1s15	5n23	2n11	15n52	0n44	6s32	1s22	26s31	5s 3	5n24	5n 0	2s41	3s34	4n54
F 2	22 49	12 28	3 9	19 16	2 38	21 48	0 11	3 18	1 30	12 15	1 15	5 22	2 11	15 52	0 44	6 32	1 22	26 31	5 3	5 24	4 58	2 37	3 34	4 54
S 3	22 56	6 4	2 5	18 56	2 47	22 2	0 9	3 32	1 30	12 11	1 15	5 22	2 11	15 52	0 44	6 32	1 22	26 30	5 3	5 23	4 57	2 34	3 34	4 53
S 4	23 1	0s39	0 53	18 39	2 55	22 15	0 6	3 45	1 30	12 8	1 15	5 21	2 12	15 53	0 44	6 31	1 22	26 30	5 3	5 24	4 56	2 31	3 34	4 53
M 5	23 7	7 22	0s22	18 26	3 0	22 27	0 4	3 59	1 30	12 5	1 14	5 20	2 12	15 53	0 44	6 31	1 22	26 30	5 3	5 24	4 55	2 27	3 34	4 53
T 6	23 12	13 43	1 36	18 17	3 2	22 38	0 2	4 12	1 30	12 2	1 14	5 20	2 12	15 53	0 44	6 31	1 22	26 29	5 3	5 23	4 53	2 24	3 34	4 53
W 7	23 16	19 21	2 44	18 11	3 3	22 49	0s 1	4 26	1 30	11 58	1 14	5 19	2 12	15 54	0 44	6 31	1 22	26 29	5 3	5 22	4 52	2 20	3 34	4 52
T 8	23 20	23 52	3 41	18 9	3 3	22 59	0 3	4 39	1 30	11 55	1 14	5 19	2 13	15 54	0 44	6 31	1 22	26 29	5 3	5 19	4 51	2 17	3 33	4 52
F 9	23 23	26 58	4 24	18 11	3 0	23 8	0 6	4 53	1 30	11 51	1 14	5 18	2 13	15 54	0 44	6 30	1 22	26 29	5 3	5 15	4 50	2 13	3 33	4 52
S 10	23 26	28 24	4 51	18 15	2 57	23 17	0 8	5 6	1 30	11 48	1 14	5 18	2 13	15 55	0 44	6 30	1 22	26 28	5 3	5 10	4 48	2 10	3 33	4 51
S 11	23 29	28 6	5 1	18 22	2 52	23 25	0 10	5 19	1 30	11 44	1 13	5 17	2 13	15 55	0 44	6 30	1 22	26 28	5 3	5 6	4 47	2 6	3 33	4 51
M12	23 31	26 15	4 55	18 31	2 46	23 32	0 13	5 32	1 30	11 41	1 13	5 17	2 14	15 55	0 44	6 29	1 22	26 28	5 3	5 1	4 46	2 3	3 32	4 51
T 13	23 32	23 5	4 35	18 42	2 40	23 39	0 15	5 46	1 30	11 37	1 13	5 16	2 14	15 56	0 44	6 29	1 22	26 27	5 3	4 56	4 45	2 0	3 32	4 50
W14	23 33	18 55	4 2	18 55	2 33	23 45	0 17	5 59	1 30	11 33	1 13	5 16	2 14	15 56	0 44	6 29	1 22	26 27	5 3	4 53	4 43	1 56	3 32	4 50
T 15	23 34	14 5	3 18	19 9	2 25	23 50	0 20	6 12	1 30	11 30	1 13	5 16	2 15	15 57	0 44	6 28	1 22	26 27	5 3	4 51	4 42	1 53	3 31	4 50
F 16	23 34	8 47	2 26	19 24	2 18	23 54	0 22	6 25	1 30	11 26	1 13	5 16	2 15	15 57	0 44	6 28	1 22	26 26	5 4	4 49	4 41	1 49	3 31	4 50
S 17	23 34	3 14	1 28	19 40	2 9	23 58	0 24	6 38	1 31	11 22	1 12	5 16	2 15	15 58	0 44	6 28	1 22	26 26	5 4	4 49	4 40	1 46	3 31	4 49
S 18	23 33	2n24	0 27	19 57	2 1	24 1	0 27	6 50	1 31	11 18	1 12	5 15	2 15	15 58	0 44	6 27	1 22	26 26	5 4	4 49	4 38	1 42	3 30	4 49
M19	23 31	8 0	0n36	20 14	1 52	24 3	0 29	7 3	1 31	11 14	1 12	5 15	2 16	15 59	0 44	6 27	1 22	26 26	5 4	4 49	4 37	1 39	3 30	4 49
T 20	23 30	13 23	1 38	20 31	1 43	24 4	0 31	7 16	1 31	11 10	1 12	5 15	2 16	15 59	0 44	6 27	1 21	26 25	5 4	4 48	4 36	1 35	3 29	4 48
W21	23 27	18 21	2 36	20 49	1 35	24 5	0 33	7 29	1 31	11 6	1 12	5 15	2 16	16 0	0 44	6 26	1 21	26 25	5 4	4 47	4 35	1 32	3 29	4 48
T 22	23 25	22 39	3 29	21 6	1 26	24 5	0 36	7 41	1 31	11 2	1 12	5 15	2 17	16 0	0 44	6 26	1 21	26 25	5 4	4 45	4 33	1 29	3 28	4 48
F 23	23 21	25 59	4 12	21 23	1 17	24 4	0 38	7 54	1 31	10 58	1 11	5 16	2 17	16 1	0 45	6 25	1 21	26 24	5 4	4 41	4 32	1 25	3 28	4 48
S 24	23 18	28 1	4 43	21 40	1 8	24 2	0 40	8 6	1 31	10 54	1 11	5 16	2 17	16 2	0 45	6 25	1 21	26 24	5 4	4 37	4 31	1 22	3 27	4 47
S 25	23 14	28 25	4 58	21 56	0 59	24 0	0 42	8 18	1 31	10 50	1 11	5 16	2 17	16 2	0 45	6 24	1 21	26 24	5 4	4 32	4 30	1 18	3 27	4 47
M26	23 9	27 4	4 57	22 12	0 50	23 57	0 44	8 31	1 30	10 45	1 11	5 16	2 18	16 3	0 45	6 24	1 21	26 24	5 4	4 26	4 28	1 15	3 26	4 47
T 27	23 4	23 59	4 38	22 27	0 42	23 53	0 46	8 43	1 30	10 41	1 11	5 16	2 18	16 3	0 45	6 23	1 21	26 23	5 4	4 22	4 27	1 11	3 26	4 47
W28	22 58	19 25	4 1	22 41	0 33	23 48	0 48	8 55	1 30	10 37	1 11	5 17	2 18	16 4	0 45	6 23	1 21	26 23	5 4	4 18	4 26	1 8	3 25	4 46
T 29	22 53	13 44	3 9	22 55	0 25	23 43	0 50	9 7	1 30	10 32	1 11	5 17	2 19	16 5	0 45	6 22	1 21	26 23	5 4	4 15	4 25	1 4	3 25	4 46
F 30	22 46	7 20	2 5	23 7	0 17	23 37	0 52	9 19	1 30	10 28	1 11	5 17	2 19	16 5	0 45	6 22	1 21	26 22	5 4	4 14	4 23	1 1	3 24	4 46
S 31	22s39	0n36	0n53	23s19	0n 8	23s30	0s54	9s31	1n30	10s23	1s10	5n18	2n19	16n 6	0n45	6s21	1s21	26s22	5s 4	4n13	4n22	0s58	3s23	4n45

Julian Day Number = 2100156.5, Delta T = 21m31s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'48, Lahiri = 10°26'48 Julian Calendar 1 Dec. 1037 == Greg. Calendar 7 Dec. 1037

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

JANUARY 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 3 39	16♉34'28	14♎38	26♐ 3	17♉13	28♎50	6♓21	22°R 3	18°R22	17♓ 9	24♉16	10°R36	10♈56	29♓59	10♓13	S 1
M 2	7 7 35	17°35'32	28°37	27°27	18°29	29°23	6°33	22♍ 2	18♌20	17°10	24°17	10♈36	10°53	0♈ 6	10°15	M 2
T 3	7 11 32	18°36'36	12♏29	28°51	19°44	29°56	6°45	22° 1	18°18	17°11	24°19	10°34	10°50	0°13	10°18	T 3
W 4	7 15 28	19°37'39	26°13	0♉17	21° 0	0♏29	6°57	22° 0	18°16	17°13	24°21	10°30	10°47	0°19	10°20	W 4
T 5	7 19 25	20°38'42	9♐50	1°43	22°15	1° 1	7° 9	21°59	18°14	17°14	24°23	10°23	10°43	0°26	10°23	T 5
F 6	7 23 21	21°39'44	23°16	3°10	23°30	1°34	7°21	21°58	18°11	17°16	24°25	10°13	10°40	0°33	10°26	F 6
S 7	7 27 18	22°40'46	6♉32	4°37	24°46	2° 6	7°33	21°57	18° 9	17°17	24°27	10° 0	10°37	0°39	10°28	S 7
S 8	7 31 15	23°41'46	19°35	6° 6	26° 1	2°39	7°46	21°56	18° 7	17°19	24°29	9°47	10°34	0°46	10°31	S 8
M 9	7 35 11	24°42'46	2♒24	7°35	27°16	3°11	7°58	21°54	18° 4	17°20	24°31	9°34	10°31	0°53	10°34	M 9
T 10	7 39 8	25°43'44	14°57	9° 5	28°32	3°43	8°11	21°53	18° 2	17°22	24°32	9°22	10°28	0°59	10°36	T 10
W11	7 43 4	26°44'41	27°16	10°36	29°47	4°15	8°23	21°51	18° 0	17°23	24°34	9°12	10°24	1° 6	10°39	W11
T 12	7 47 1	27°45'37	9♓22	12° 8	1♒ 2	4°47	8°36	21°49	17°57	17°25	24°36	9° 5	10°21	1°13	10°42	T 12
F 13	7 50 57	28°46'32	21°18	13°40	2°18	5°19	8°49	21°47	17°55	17°26	24°38	9° 1	10°18	1°19	10°45	F 13
S 14	7 54 54	29°47'25	3♈ 6	15°13	3°33	5°51	9° 2	21°46	17°52	17°28	24°40	9° 0	10°15	1°26	10°48	S 14
S 15	7 58 50	0♒48'17	14°53	16°47	4°48	6°22	9°14	21°44	17°50	17°30	24°42	9°D 0	10°12	1°33	10°51	S 15
M16	8 2 47	1°49'07	26°43	18°21	6° 3	6°54	9°27	21°41	17°48	17°31	24°44	9°R 0	10° 9	1°39	10°54	M16
T 17	8 6 44	2°49'56	8♉41	19°56	7°19	7°25	9°40	21°39	17°45	17°33	24°46	9° 0	10° 5	1°46	10°57	T 17
W18	8 10 40	3°50'43	20°54	21°32	8°34	7°56	9°54	21°37	17°43	17°35	24°47	8°58	10° 2	1°53	11° 0	W18
T 19	8 14 37	4°51'29	3♊26	23° 9	9°49	8°27	10° 7	21°34	17°40	17°37	24°49	8°55	9°59	1°59	11° 3	T 19
F 20	8 18 33	5°52'13	16°21	24°47	11° 4	8°58	10°20	21°32	17°37	17°38	24°51	8°48	9°56	2° 6	11° 6	F 20
S 21	8 22 30	6°52'55	29°42	26°25	12°19	9°29	10°33	21°29	17°35	17°40	24°53	8°40	9°53	2°12	11° 9	S 21
S 22	8 26 26	7°53'36	13♋29	28° 4	13°34	9°59	10°46	21°27	17°32	17°42	24°55	8°30	9°49	2°19	11°12	S 22
M23	8 30 23	8°54'16	27°40	29°44	14°50	10°30	11° 0	21°24	17°30	17°44	24°57	8°20	9°46	2°26	11°15	M23
T 24	8 34 19	9°54'54	12♌10	1♒25	16° 5	11° 0	11°13	21°21	17°27	17°46	24°59	8°10	9°43	2°32	11°19	T 24
W25	8 38 16	10°55'30	26°52	3° 7	17°20	11°31	11°27	21°18	17°25	17°48	25° 0	8° 3	9°40	2°39	11°22	W25
T 26	8 42 13	11°56'05	11♍38	4°49	18°35	12° 1	11°40	21°15	17°22	17°50	25° 2	7°58	9°37	2°46	11°25	T 26
F 27	8 46 9	12°56'38	26°21	6°32	19°50	12°31	11°54	21°12	17°19	17°52	25° 4	7°55	9°34	2°52	11°28	F 27
S 28	8 50 6	13°57'10	10♎55	8°17	21° 5	13° 0	12° 8	21° 9	17°17	17°54	25° 6	7°D54	9°30	2°59	11°32	S 28
S 29	8 54 2	14°57'41	25°16	10° 2	22°20	13°30	12°21	21° 6	17°14	17°55	25° 8	7°55	9°27	3° 6	11°35	S 29
M30	8 57 59	15°58'10	9♏21	11°48	23°35	13°59	12°35	21° 2	17°12	17°57	25° 9	7°R56	9°24	3°12	11°38	M30
T 31	9 1 55	16♒58'39	23♏11	13♒35	24♒50	14♏29	12♓49	20♍59	17♌ 9	17♓59	25♉11	7♈56	9♈21	3♈19	11♓42	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s32	6s 7	0s21	23s30	0n 0	23s22	0s56	9s43	1n30	10s19	1s10	5n18	2n19	16n 7	0n45	6s21	1s21	26s22	5s 4	4n13	4n21	0s54	3s23	4n45
M 2	22 24	12 30	1 34	23 40	0s 7	23 14	0 57	9 55	1 30	10 14	1 10	5 19	2 20	16 7	0 45	6 20	1 21	26 22	5 4	4 13	4 20	0 51	3 22	4 45
T 3	22 16	18 12	2 40	23 49	0 15	23 5	0 59	10 6	1 30	10 10	1 10	5 19	2 20	16 8	0 45	6 20	1 21	26 21	5 4	4 12	4 18	0 47	3 21	4 45
W 4	22 7	22 55	3 36	23 56	0 22	22 55	1 1	10 18	1 30	10 5	1 10	5 20	2 20	16 9	0 45	6 19	1 21	26 21	5 4	4 11	4 17	0 44	3 20	4 45
T 5	21 58	26 19	4 19	24 3	0 30	22 45	1 3	10 29	1 30	10 1	1 10	5 21	2 21	16 10	0 45	6 19	1 21	26 21	5 4	4 8	4 16	0 40	3 20	4 44
F 6	21 49	28 11	4 48	24 8	0 37	22 34	1 4	10 41	1 30	9 56	1 10	5 21	2 21	16 10	0 45	6 18	1 21	26 20	5 4	4 4	4 15	0 37	3 19	4 44
S 7	21 39	28 24	5 0	24 13	0 44	22 22	1 6	10 52	1 30	9 51	1 10	5 22	2 21	16 11	0 45	6 17	1 21	26 20	5 4	3 59	4 13	0 33	3 18	4 44
S 8	21 29	27 1	4 56	24 16	0 50	22 10	1 7	11 3	1 30	9 47	1 9	5 23	2 21	16 12	0 45	6 17	1 21	26 20	5 5	3 54	4 12	0 30	3 17	4 44
M 9	21 18	24 14	4 37	24 17	0 57	21 56	1 9	11 14	1 30	9 42	1 9	5 24	2 22	16 12	0 45	6 16	1 21	26 20	5 5	3 48	4 11	0 26	3 17	4 43
T 10	21 7	20 20	4 5	24 18	1 3	21 43	1 10	11 25	1 29	9 37	1 9	5 25	2 22	16 13	0 45	6 15	1 21	26 19	5 5	3 44	4 10	0 23	3 16	4 43
W11	20 55	15 39	3 22	24 17	1 9	21 28	1 12	11 36	1 29	9 32	1 9	5 25	2 22	16 14	0 45	6 15	1 21	26 19	5 5	3 40	4 8	0 20	3 15	4 43
T 12	20 43	10 25	2 31	24 15	1 15	21 13	1 13	11 47	1 29	9 27	1 9	5 26	2 22	16 15	0 45	6 14	1 21	26 19	5 5	3 37	4 7	0 16	3 14	4 43
F 13	20 31	4 53	1 33	24 11	1 20	20 57	1 14	11 58	1 29	9 22	1 9	5 27	2 23	16 15	0 45	6 13	1 21	26 18	5 5	3 36	4 6	0 13	3 13	4 42
S 14	20 18	0n46	0 31	24 6	1 25	20 41	1 15	12 9	1 29	9 17	1 9	5 28	2 23	16 16	0 45	6 13	1 21	26 18	5 5	3 35	4 5	0 9	3 12	4 42
S 15	20 5	6 23	0n31	24 0	1 30	20 24	1 17	12 19	1 29	9 12	1 9	5 29	2 23	16 17	0 45	6 12	1 21	26 18	5 5	3 35	4 3	0 6	3 11	4 42
M16	19 52	11 48	1 33	23 52	1 35	20 7	1 18	12 30	1 29	9 7	1 9	5 30	2 24	16 18	0 45	6 11	1 21	26 18	5 5	3 35	4 2	0 2	3 10	4 42
T 17	19 38	16 52	2 31	23 42	1 39	19 49	1 19	12 40	1 28	9 2	1 9	5 32	2 24	16 19	0 45	6 11	1 21	26 17	5 5	3 35	4 1	0n 1	3 9	4 42
W18	19 24	21 21	3 24	23 32	1 43	19 30	1 20	12 50	1 28	8 57	1 8	5 33	2 24	16 19	0 45	6 10	1 21	26 17	5 5	3 35	4 0	0 5	3 8	4 41
T 19	19 9	25 1	4 8	23 19	1 47	19 11	1 21	13 0	1 28	8 52	1 8	5 34	2 24	16 20	0 45	6 9	1 21	26 17	5 5	3 33	3 58	0 8	3 7	4 41
F 20	18 54	27 32	4 41	23 5	1 50	18 51	1 22	13 11	1 28	8 47	1 8	5 35	2 25	16 21	0 45	6 9	1 21	26 17	5 6	3 31	3 57	0 12	3 6	4 41
S 21	18 39	28 35	5 1	22 50	1 53	18 31	1 22	13 21	1 28	8 42	1 8	5 36	2 25	16 22	0 45	6 8	1 20	26 16	5 6	3 27	3 56	0 15	3 5	4 41
S 22	18 23	27 54	5 3	22 33	1 56	18 10	1 23	13 30	1 27	8 37	1 8	5 38	2 25	16 23	0 45	6 7	1 20	26 16	5 6	3 23	3 55	0 19	3 4	4 41
M23	18 8	25 26	4 47	22 14	1 58	17 48	1 24	13 40	1 27	8 32	1 8	5 39	2 25	16 23	0 45	6 6	1 20	26 16	5 6	3 19	3 53	0 22	3 3	4 41
T 24	17 51	21 17	4 13	21 54	2 0	17 27	1 24	13 50	1 27	8 27	1 8	5 40	2 25	16 24	0 45	6 6	1 20	26 16	5 6	3 16	3 52	0 25	3 2	4 40
W25	17 35	15 47	3 21	21 33	2 2	17 4	1 25	14 0	1 27	8 21	1 8	5 42	2 26	16 25	0 45	6 5	1 20	26 15	5 6	3 12	3 51	0 29	3 1	4 40
T 26	17 18	9 20	2 16	21 9	2 3	16 42	1 26	14 9	1 26	8 16	1 8	5 43	2 26	16 26	0 45	6 4	1 20	26 15	5 6	3 10	3 50	0 32	3 0	4 40
F 27	17 1	2 24	1 2	20 44	2 4	16 18	1 26	14 18	1 26	8 11	1 8	5 45	2 26	16 27	0 45	6 3	1 20	26 15	5 6	3 9	3 48	0 36	2 59	4 40
S 28	16 44	4s35	0s16	20 18	2 4	15 55	1 26	14 28	1 26	8 5	1 8	5 46	2 26	16 27	0 45	6 3	1 20	26 15	5 6	3 9	3 47	0 39	2 58	4 40
S 29	16 26	11 15	1 32	19 49	2 4	15 30	1 27	14 37	1 26	8 0	1 8	5 48	2 27	16 28	0 45	6 2	1 20	26 15	5 7	3 9	3 46	0 43	2 57	4 40
M30	16 8	17 13	2 41	19 19	2 4	15 6	1 27	14 46	1 25	7 55	1 8	5 49	2 27	16 29	0 45	6 1	1 20	26 14	5 7	3 10	3 45	0 46	2 56	4 39
T 31	15s50	22s12	3s39	18s48	2s 3	14s41	1s27	14s55	1n25	7s49	1s 8	5n51	2n27	16n30	0n45	6s 0	1s20	26s14	5s 7	3n10	3n43	0n50	2s55	4n39

Julian Day Number = 2100187.5, Delta T = 21m31s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'52, Lahiri = 10°26'52 Julian Calendar 1 Jan. 1038 == Greg. Calendar 7 Jan. 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

FEBRUARY 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 5 52	17♒59'06	6♐45	15♒23	26♒ 5	14♏58	13♓ 3	20°R55	17°R 6	18♓ 1	25♑13	7°R54	9♈18	3♈26	11♓45	W 1
T 2	9 9 48	18°59'31	20° 5	17°12	27°20	15°27	13°16	20♍52	17♌ 4	18° 4	25°15	7♈50	9°14	3°32	11°48	T 2
F 3	9 13 45	19°59'55	3♑11	19° 2	28°35	15°56	13°30	20°48	17° 1	18° 6	25°16	7°44	9°11	3°39	11°52	F 3
S 4	9 17 42	21° 0'18	16° 4	20°53	29°50	16°24	13°44	20°44	16°58	18° 8	25°18	7°37	9° 8	3°45	11°55	S 4
S 5	9 21 38	22° 0'39	28°45	22°44	1♓ 5	16°53	13°58	20°41	16°56	18°10	25°20	7°28	9° 5	3°52	11°59	S 5
M 6	9 25 35	23° 0'58	11♒15	24°37	2°20	17°21	14°12	20°37	16°53	18°12	25°22	7°19	9° 2	3°59	12° 2	M 6
T 7	9 29 31	24° 1'16	23°33	26°30	3°35	17°49	14°26	20°33	16°51	18°14	25°23	7°12	8°59	4° 5	12° 5	T 7
W 8	9 33 28	25° 1'31	5♓40	28°24	4°49	18°17	14°41	20°29	16°48	18°16	25°25	7° 5	8°55	4°12	12° 9	W 8
T 9	9 37 24	26° 1'45	17°39	0♓18	6° 4	18°44	14°55	20°25	16°45	18°18	25°27	7° 1	8°52	4°19	12°12	T 9
F 10	9 41 21	27° 1'57	29°30	2°13	7°19	19°11	15° 9	20°21	16°43	18°20	25°28	6°59	8°49	4°25	12°16	F 10
S 11	9 45 17	28° 2'06	11♈17	4° 9	8°34	19°39	15°23	20°17	16°40	18°22	25°30	6°D59	8°46	4°32	12°20	S 11
S 12	9 49 14	29° 2'14	23° 4	6° 4	9°49	20° 6	15°37	20°12	16°38	18°25	25°32	7° 0	8°43	4°39	12°23	S 12
M13	9 53 11	0♓ 2'20	4♉53	8° 0	11° 3	20°32	15°51	20° 8	16°35	18°27	25°33	7° 2	8°40	4°45	12°27	M13
T 14	9 57 7	1° 2'23	16°51	9°56	12°18	20°59	16° 6	20° 4	16°33	18°29	25°35	7° 4	8°36	4°52	12°30	T 14
W15	10 1 4	2° 2'25	29° 1	11°51	13°33	21°25	16°20	20° 0	16°30	18°31	25°36	7°R 4	8°33	4°59	12°34	W15
T 16	10 5 0	3° 2'24	11♊30	13°46	14°48	21°51	16°34	19°55	16°28	18°33	25°38	7° 4	8°30	5° 5	12°37	T 16
F 17	10 8 57	4° 2'21	24°21	15°39	16° 2	22°17	16°49	19°51	16°25	18°36	25°40	7° 2	8°27	5°12	12°41	F 17
S 18	10 12 53	5° 2'16	7♋38	17°31	17°17	22°42	17° 3	19°46	16°23	18°38	25°41	6°59	8°24	5°19	12°44	S 18
S 19	10 16 50	6° 2'08	21°23	19°22	18°31	23° 8	17°17	19°42	16°20	18°40	25°43	6°55	8°20	5°25	12°48	S 19
M20	10 20 46	7° 1'59	5♌36	21°10	19°46	23°33	17°32	19°37	16°18	18°42	25°44	6°50	8°17	5°32	12°52	M20
T 21	10 24 43	8° 1'47	20°13	22°55	21° 1	23°57	17°46	19°33	16°15	18°44	25°46	6°46	8°14	5°38	12°55	T 21
W22	10 28 40	9° 1'33	5♍ 8	24°38	22°15	24°22	18° 1	19°28	16°13	18°47	25°47	6°43	8°11	5°45	12°59	W22
T 23	10 32 36	10° 1'16	20°13	26°17	23°30	24°46	18°15	19°24	16°11	18°49	25°49	6°40	8° 8	5°52	13° 3	T 23
F 24	10 36 33	11° 0'58	5♎18	27°51	24°44	25°10	18°30	19°19	16° 8	18°51	25°50	6°D40	8° 5	5°58	13° 6	F 24
S 25	10 40 29	12° 0'38	20°15	29°21	25°59	25°34	18°44	19°15	16° 6	18°53	25°51	6°40	8° 1	6° 5	13°10	S 25
S 26	10 44 26	13° 0'16	4♏57	0♈46	27°13	25°57	18°59	19°10	16° 4	18°56	25°53	6°41	7°58	6°12	13°13	S 26
M27	10 48 22	13°59'53	19°19	2° 5	28°27	26°20	19°13	19° 5	16° 2	18°58	25°54	6°43	7°55	6°18	13°17	M27
T 28	10 52 19	14♓59'27	3♐19	3♈19	29♓42	26♏43	19♓28	19♍ 1	15♌59	19♓ 0	25♑56	6♈44	7♈52	6♈25	13♓21	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s31	25s53	4s24	18s15	2s 2	14s15	1s27	15s 4	1n25	7s44	1s 7	5n52	2n27	16n31	0n45	5s59	1s20	26s14	5s 7	3n 9	3n42	0n53	2s54	4n39
T 2	15 13	28 4	4 53	17 40	2 0	13 50	1 27	15 13	1 24	7 39	1 7	5 54	2 27	16 31	0 45	5 59	1 20	26 14	5 7	3 8	3 41	0 57	2 52	4 39
F 3	14 54	28 38	5 7	17 3	1 57	13 24	1 27	15 21	1 24	7 33	1 7	5 55	2 28	16 32	0 45	5 58	1 20	26 14	5 7	3 5	3 40	1 0	2 51	4 39
S 4	14 34	27 38	5 4	16 25	1 55	12 57	1 27	15 30	1 23	7 28	1 7	5 57	2 28	16 33	0 45	5 57	1 20	26 13	5 7	3 2	3 38	1 4	2 50	4 39
S 5	14 15	25 12	4 47	15 45	1 51	12 30	1 27	15 38	1 23	7 22	1 7	5 59	2 28	16 34	0 45	5 56	1 20	26 13	5 8	2 59	3 37	1 7	2 49	4 39
M 6	13 55	21 35	4 16	15 4	1 47	12 3	1 27	15 47	1 23	7 17	1 7	6 0	2 28	16 35	0 45	5 55	1 20	26 13	5 8	2 55	3 36	1 10	2 48	4 38
T 7	13 35	17 6	3 33	14 21	1 43	11 36	1 27	15 55	1 22	7 11	1 7	6 2	2 28	16 35	0 45	5 54	1 20	26 13	5 8	2 52	3 35	1 14	2 46	4 38
W 8	13 15	11 59	2 42	13 37	1 37	11 8	1 26	16 3	1 22	7 6	1 7	6 4	2 29	16 36	0 45	5 54	1 20	26 13	5 8	2 50	3 33	1 17	2 45	4 38
T 9	12 55	6 29	1 43	12 51	1 32	10 40	1 26	16 11	1 21	7 0	1 7	6 6	2 29	16 37	0 45	5 53	1 20	26 12	5 8	2 48	3 32	1 21	2 44	4 38
F 10	12 34	0 49	0 41	12 4	1 25	10 11	1 25	16 19	1 21	6 55	1 7	6 7	2 29	16 38	0 45	5 52	1 20	26 12	5 8	2 47	3 31	1 24	2 43	4 38
S 11	12 13	4n51	0n23	11 15	1 18	9 43	1 25	16 27	1 21	6 49	1 7	6 9	2 29	16 39	0 45	5 51	1 20	26 12	5 8	2 47	3 30	1 28	2 42	4 38
S 12	11 52	10 21	1 27	10 26	1 11	9 14	1 24	16 34	1 20	6 44	1 7	6 11	2 29	16 39	0 45	5 50	1 20	26 12	5 9	2 48	3 28	1 31	2 40	4 38
M13	11 31	15 31	2 26	9 35	1 3	8 45	1 24	16 42	1 20	6 38	1 7	6 13	2 29	16 40	0 45	5 49	1 20	26 12	5 9	2 48	3 27	1 35	2 39	4 38
T 14	11 10	20 10	3 21	8 43	0 54	8 15	1 23	16 50	1 19	6 32	1 7	6 15	2 29	16 41	0 45	5 48	1 20	26 12	5 9	2 49	3 26	1 38	2 38	4 38
W15	10 48	24 3	4 7	7 50	0 44	7 46	1 22	16 57	1 19	6 27	1 7	6 16	2 30	16 42	0 45	5 48	1 20	26 11	5 9	2 49	3 25	1 42	2 36	4 38
T 16	10 27	26 57	4 42	6 57	0 34	7 16	1 21	17 4	1 18	6 21	1 7	6 18	2 30	16 42	0 45	5 47	1 20	26 11	5 9	2 49	3 23	1 45	2 35	4 37
F 17	10 5	28 32	5 5	6 3	0 24	6 46	1 20	17 11	1 17	6 16	1 7	6 20	2 30	16 43	0 45	5 46	1 20	26 11	5 9	2 48	3 22	1 48	2 34	4 37
S 18	9 43	28 33	5 13	5 9	0 13	6 16	1 19	17 18	1 17	6 10	1 7	6 22	2 30	16 44	0 45	5 45	1 20	26 11	5 9	2 47	3 21	1 52	2 33	4 37
S 19	9 21	26 51	5 3	4 15	0 1	5 46	1 18	17 25	1 16	6 4	1 7	6 24	2 30	16 45	0 45	5 44	1 20	26 11	5 10	2 46	3 20	1 55	2 31	4 37
M20	8 59	23 24	4 35	3 21	0n11	5 15	1 17	17 32	1 16	5 59	1 7	6 26	2 30	16 45	0 45	5 43	1 20	26 11	5 10	2 44	3 18	1 59	2 30	4 37
T 21	8 36	18 25	3 48	2 28	0 23	4 45	1 16	17 39	1 15	5 53	1 7	6 28	2 30	16 46	0 45	5 42	1 20	26 11	5 10	2 42	3 17	2 2	2 29	4 37
W22	8 14	12 14	2 45	1 35	0 36	4 14	1 15	17 46	1 14	5 47	1 7	6 30	2 30	16 47	0 45	5 41	1 20	26 11	5 10	2 41	3 16	2 6	2 27	4 37
T 23	7 51	5 16	1 29	0 44	0 49	3 43	1 14	17 52	1 14	5 42	1 7	6 31	2 31	16 47	0 45	5 40	1 20	26 10	5 10	2 40	3 14	2 9	2 26	4 37
F 24	7 28	2s 0	0 7	0n 6	1 2	3 13	1 12	17 59	1 13	5 36	1 7	6 33	2 31	16 48	0 45	5 40	1 20	26 10	5 11	2 39	3 13	2 13	2 25	4 37
S 25	7 6	9 6	1s14	0 54	1 16	2 42	1 11	18 5	1 12	5 30	1 7	6 35	2 31	16 49	0 45	5 39	1 20	26 10	5 11	2 40	3 12	2 16	2 23	4 37
S 26	6 43	15 35	2 30	1 40	1 29	2 11	1 10	18 11	1 11	5 24	1 7	6 37	2 31	16 49	0 45	5 38	1 20	26 10	5 11	2 40	3 11	2 20	2 22	4 37
M27	6 20	21 5	3 34	2 23	1 42	1 39	1 8	18 18	1 11	5 19	1 7	6 39	2 31	16 50	0 45	5 37	1 20	26 10	5 11	2 41	3 9	2 23	2 21	4 37
T 28	5s57	25s14	4s24	3n 4	1n54	1s 8	1s 6	18s24	1n10	5s13	1s 7	6n41	2n31	16n51	0n45	5s36	1s20	26s10	5s11	2n41	3n 8	2n26	2s19	4n37

Julian Day Number = 2100218.5, Delta T = 21m30s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°19'56, Lahiri = 10°26'57 Julian Calendar 1 Feb. 1038 == Greg. Calendar 7 Feb. 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

MARCH 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 56 15	15♓59'00	16♐56	4♈26	0♈56	27♏ 5	19♓42	18°R56	15°R57	19♓ 3	25♑57	6°R44	7♈49	6♈32	13♓24	W 1
T 2	11 0 12	16°58'31	0♑12	5°26	2°10	27°27	19°57	18♍51	15♌55	19° 5	25°58	6♈44	7°46	6°38	13°28	T 2
F 3	11 4 9	17°58'01	13° 8	6°20	3°25	27°49	20°11	18°46	15°53	19° 7	26° 0	6°42	7°42	6°45	13°31	F 3
S 4	11 8 5	18°57'28	25°48	7° 6	4°39	28°10	20°26	18°42	15°51	19° 9	26° 1	6°40	7°39	6°52	13°35	S 4
S 5	11 12 2	19°56'54	8♒13	7°45	5°53	28°31	20°40	18°37	15°49	19°12	26° 2	6°38	7°36	6°58	13°39	S 5
M 6	11 15 58	20°56'18	20°27	8°16	7° 7	28°52	20°55	18°32	15°47	19°14	26° 3	6°35	7°33	7° 5	13°42	M 6
T 7	11 19 55	21°55'39	2♓31	8°40	8°22	29°12	21° 9	18°28	15°45	19°16	26° 4	6°33	7°30	7°11	13°46	T 7
W 8	11 23 51	22°54'59	14°28	8°56	9°36	29°32	21°24	18°23	15°43	19°18	26° 6	6°31	7°26	7°18	13°49	W 8
T 9	11 27 48	23°54'17	26°19	9° 4	10°50	29°52	21°38	18°18	15°41	19°21	26° 7	6°30	7°23	7°25	13°53	T 9
F 10	11 31 44	24°53'32	8♈ 7	9°R 5	12° 4	0♐11	21°53	18°14	15°39	19°23	26° 8	6°D30	7°20	7°31	13°57	F 10
S 11	11 35 41	25°52'45	19°54	8°59	13°18	0°29	22° 7	18° 9	15°37	19°25	26° 9	6°30	7°17	7°38	14° 0	S 11
S 12	11 39 37	26°51'57	1♉42	8°46	14°32	0°48	22°22	18° 4	15°36	19°28	26°10	6°31	7°14	7°45	14° 4	S 12
M13	11 43 34	27°51'06	13°35	8°26	15°46	1° 6	22°36	18° 0	15°34	19°30	26°11	6°32	7°11	7°51	14° 7	M13
T 14	11 47 31	28°50'12	25°35	8° 1	17° 0	1°23	22°51	17°55	15°32	19°32	26°12	6°33	7° 7	7°58	14°11	T 14
W15	11 51 27	29°49'17	7♊47	7°30	18°14	1°40	23° 5	17°51	15°30	19°34	26°13	6°34	7° 4	8° 5	14°14	W15
T 16	11 55 24	0♈48'19	20°15	6°54	19°28	1°57	23°20	17°46	15°29	19°37	26°14	6°34	7° 1	8°11	14°18	T 16
F 17	11 59 20	1°47'19	3♋ 2	6°14	20°42	2°13	23°34	17°42	15°27	19°39	26°15	6°R34	6°58	8°18	14°21	F 17
S 18	12 3 17	2°46'16	16°12	5°32	21°56	2°28	23°48	17°37	15°26	19°41	26°16	6°34	6°55	8°25	14°25	S 18
S 19	12 7 13	3°45'11	29°48	4°47	23° 9	2°43	24° 3	17°33	15°24	19°43	26°17	6°34	6°52	8°31	14°28	S 19
M20	12 11 10	4°44'04	13♌51	4° 1	24°23	2°58	24°17	17°28	15°23	19°45	26°18	6°33	6°48	8°38	14°32	M20
T 21	12 15 6	5°42'55	28°20	3°14	25°37	3°12	24°32	17°24	15°21	19°48	26°19	6°33	6°45	8°45	14°35	T 21
W22	12 19 3	6°41'43	13♍11	2°28	26°50	3°26	24°46	17°20	15°20	19°50	26°20	6°D33	6°42	8°51	14°38	W22
T 23	12 23 0	7°40'29	28°18	1°43	28° 4	3°39	25° 0	17°15	15°19	19°52	26°21	6°R33	6°39	8°58	14°42	T 23
F 24	12 26 56	8°39'12	13♎31	1° 0	29°18	3°51	25°14	17°11	15°17	19°54	26°21	6°33	6°36	9° 4	14°45	F 24
S 25	12 30 53	9°37'54	28°42	0°21	0♉31	4° 3	25°29	17° 7	15°16	19°56	26°22	6°33	6°32	9°11	14°49	S 25
S 26	12 34 49	10°36'34	13♏40	29♓44	1°45	4°15	25°43	17° 3	15°15	19°59	26°23	6°33	6°29	9°18	14°52	S 26
M27	12 38 46	11°35'13	28°19	29°12	2°58	4°26	25°57	16°59	15°14	20° 1	26°24	6°32	6°26	9°24	14°55	M27
T 28	12 42 42	12°33'49	12♐33	28°43	4°12	4°36	26°11	16°55	15°13	20° 3	26°24	6°32	6°23	9°31	14°59	T 28
W29	12 46 39	13°32'24	26°21	28°20	5°25	4°46	26°26	16°51	15°12	20° 5	26°25	6°31	6°20	9°38	15° 2	W29
T 30	12 50 35	14°30'57	9♑42	28° 1	6°39	4°55	26°40	16°47	15°11	20° 7	26°26	6°D31	6°17	9°44	15° 5	T 30
F 31	12 54 32	15♈29'29	22♑38	27♓47	7♉52	5♐ 3	26♓54	16♍43	15♌10	20♓ 9	26♑26	6♈31	6♈13	9♈51	15♓ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s33	27s51	4s57	3n43	2n 7	0s37	1s 5	18s30	1n 9	5s 7	1s 7	6n43	2n31	16n51	0n45	5s35	1s20	26s10	5s11	2n41	3n 7	2n30	2s18	4n37
T 2	5 10	28 48	5 14	4 18	2 19	0 6	1 3	18 35	1 8	5 2	1 7	6 45	2 31	16 52	0 45	5 34	1 20	26 10	5 12	2 41	3 6	2 33	2 17	4 37
F 3	4 47	28 7	5 14	4 49	2 30	0n25	1 1	18 41	1 7	4 56	1 7	6 47	2 31	16 53	0 45	5 33	1 20	26 10	5 12	2 41	3 4	2 37	2 15	4 37
S 4	4 24	25 59	4 58	5 17	2 41	0 57	1 0	18 47	1 6	4 50	1 7	6 49	2 31	16 53	0 45	5 32	1 20	26 10	5 12	2 40	3 3	2 40	2 14	4 37
S 5	4 0	22 38	4 29	5 42	2 50	1 28	0 58	18 52	1 5	4 44	1 7	6 51	2 31	16 54	0 45	5 32	1 20	26 10	5 12	2 39	3 2	2 44	2 13	4 37
M 6	3 37	18 21	3 48	6 2	2 59	1 59	0 56	18 58	1 4	4 39	1 7	6 52	2 31	16 54	0 45	5 31	1 20	26 10	5 12	2 38	3 1	2 47	2 11	4 37
T 7	3 13	13 23	2 57	6 19	3 7	2 30	0 54	19 3	1 3	4 33	1 7	6 54	2 31	16 55	0 45	5 30	1 20	26 10	5 13	2 37	2 59	2 51	2 10	4 37
W 8	2 50	7 59	1 59	6 31	3 14	3 1	0 52	19 8	1 2	4 27	1 7	6 56	2 31	16 56	0 45	5 29	1 20	26 9	5 13	2 36	2 58	2 54	2 9	4 37
T 9	2 26	2 20	0 56	6 39	3 19	3 32	0 50	19 14	1 1	4 21	1 7	6 58	2 31	16 56	0 45	5 28	1 20	26 9	5 13	2 36	2 57	2 58	2 7	4 37
F 10	2 2	3n22	0n 9	6 43	3 23	4 3	0 48	19 19	1 0	4 16	1 7	7 0	2 31	16 57	0 45	5 27	1 20	26 9	5 13	2 36	2 56	3 1	2 6	4 37
S 11	1 39	8 57	1 14	6 43	3 25	4 34	0 46	19 24	0 59	4 10	1 7	7 2	2 31	16 57	0 45	5 26	1 20	26 9	5 13	2 36	2 54	3 4	2 4	4 37
S 12	1 15	14 14	2 15	6 39	3 26	5 5	0 44	19 29	0 58	4 4	1 7	7 4	2 31	16 58	0 45	5 25	1 20	26 9	5 14	2 36	2 53	3 8	2 3	4 37
M13	0 52	19 2	3 12	6 30	3 25	5 36	0 42	19 33	0 57	3 59	1 7	7 5	2 31	16 58	0 45	5 25	1 20	26 9	5 14	2 36	2 52	3 11	2 2	4 37
T 14	0 28	23 9	4 0	6 18	3 23	6 6	0 39	19 38	0 56	3 53	1 7	7 7	2 31	16 59	0 45	5 24	1 20	26 9	5 14	2 37	2 51	3 15	2 0	4 37
W15	0 4	26 18	4 39	6 2	3 19	6 37	0 37	19 43	0 55	3 47	1 7	7 9	2 31	16 59	0 45	5 23	1 20	26 9	5 14	2 37	2 49	3 18	1 59	4 37
T 16	0n19	28 17	5 5	5 43	3 13	7 7	0 35	19 47	0 53	3 41	1 7	7 11	2 31	17 0	0 45	5 22	1 20	26 9	5 14	2 37	2 48	3 22	1 58	4 37
F 17	0 43	28 49	5 17	5 20	3 6	7 37	0 32	19 52	0 52	3 36	1 7	7 12	2 31	17 0	0 45	5 21	1 20	26 9	5 15	2 37	2 47	3 25	1 56	4 37
S 18	1 6	27 46	5 13	4 55	2 57	8 7	0 30	19 56	0 51	3 30	1 7	7 14	2 31	17 0	0 45	5 20	1 20	26 9	5 15	2 37	2 45	3 29	1 55	4 37
S 19	1 30	25 3	4 52	4 28	2 47	8 37	0 28	20 1	0 49	3 24	1 7	7 16	2 31	17 1	0 45	5 19	1 20	26 9	5 15	2 37	2 44	3 32	1 53	4 37
M20	1 53	20 47	4 13	3 58	2 35	9 7	0 25	20 5	0 48	3 19	1 7	7 18	2 31	17 1	0 45	5 18	1 20	26 9	5 15	2 37	2 43	3 35	1 52	4 37
T 21	2 17	15 11	3 17	3 28	2 22	9 36	0 23	20 9	0 46	3 13	1 7	7 19	2 31	17 2	0 45	5 18	1 20	26 10	5 15	2 37	2 42	3 39	1 51	4 37
W22	2 40	8 35	2 6	2 57	2 8	10 5	0 20	20 13	0 45	3 7	1 7	7 21	2 31	17 2	0 45	5 17	1 20	26 10	5 16	2 37	2 40	3 42	1 49	4 37
T 23	3 4	1 23	0 46	2 25	1 53	10 34	0 18	20 17	0 43	3 2	1 7	7 23	2 31	17 2	0 45	5 16	1 20	26 10	5 16	2 37	2 39	3 46	1 48	4 37
F 24	3 27	5s57	0s39	1 54	1 38	11 3	0 15	20 21	0 42	2 56	1 7	7 24	2 31	17 3	0 45	5 15	1 20	26 10	5 16	2 37	2 38	3 49	1 47	4 37
S 25	3 50	12 56	2 0	1 23	1 22	11 31	0 13	20 25	0 40	2 50	1 7	7 26	2 31	17 3	0 45	5 14	1 20	26 10	5 16	2 37	2 37	3 53	1 45	4 37
S 26	4 13	19 5	3 12	0 54	1 6	11 59	0 10	20 28	0 39	2 45	1 8	7 27	2 31	17 3	0 44	5 13	1 20	26 10	5 17	2 37	2 35	3 56	1 44	4 37
M27	4 36	23 57	4 10	0 26	0 49	12 27	0 7	20 32	0 37	2 39	1 8	7 29	2 31	17 4	0 44	5 13	1 20	26 10	5 17	2 37	2 34	4 0	1 43	4 37
T 28	4 59	27 13	4 50	0s 1	0 33	12 55	0 5	20 36	0 35	2 33	1 8	7 30	2 31	17 4	0 44	5 12	1 21	26 10	5 17	2 36	2 33	4 3	1 41	4 37
W29	5 22	28 43	5 13	0 25	0 16	13 22	0 2	20 39	0 33	2 28	1 8	7 32	2 31	17 4	0 44	5 11	1 21	26 10	5 17	2 36	2 32	4 6	1 40	4 37
T 30	5 45	28 29	5 17	0 47	0 0	13 49	0n 1	20 43	0 31	2 22	1 8	7 33	2 31	17 4	0 44	5 10	1 21	26 10	5 17	2 36	2 30	4 10	1 39	4 37
F 31	6n 8	26s40	5s 5	1s 7	0s15	14n15	0n 3	20s46	0n30	2s17	1s 8	7n35	2n31	17n 5	0n44	5s 9	1s21	26s10	5s18	2n36	2n29	4n13	1s37	4n37

Julian Day Number = 2100246.5, Delta T = 21m30s
Ecliptic obliquity = 23°34'00, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'00, Lahiri = 10°27'00 Julian Calendar 1 March 1038 == Greg. Calendar 7 March 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

APRIL 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 58 29	16♈27'58	5♒13	27°R39	9♉ 5	5♐11	27♓ 8	16°R39	15°R 9	20♓11	26♑27	6♈31	6♈10	9♈58	15♓11	S 1
S 2	13 2 25	17°26'27	17°31	27°D35	10°19	5°18	27°22	16♍36	15♌ 8	20°13	26°27	6°32	6° 7	10° 4	15°15	S 2
M 3	13 6 22	18°24'53	29°36	27♓37	11°32	5°25	27°36	16°32	15° 8	20°15	26°28	6°33	6° 4	10°11	15°18	M 3
T 4	13 10 18	19°23'18	11♓32	27°43	12°45	5°31	27°50	16°28	15° 7	20°17	26°29	6°34	6° 1	10°18	15°21	T 4
W 5	13 14 15	20°21'40	23°21	27°54	13°58	5°36	28° 4	16°25	15° 6	20°19	26°29	6°35	5°57	10°24	15°24	W 5
T 6	13 18 11	21°20'01	5♈ 8	28°11	15°11	5°41	28°18	16°21	15° 6	20°22	26°29	6°R36	5°54	10°31	15°27	T 6
F 7	13 22 8	22°18'21	16°55	28°31	16°25	5°45	28°32	16°18	15° 5	20°24	26°30	6°36	5°51	10°37	15°30	F 7
S 8	13 26 4	23°16'38	28°44	28°56	17°38	5°48	28°46	16°15	15° 4	20°25	26°30	6°34	5°48	10°44	15°33	S 8
S 9	13 30 1	24°14'54	10♉38	29°26	18°51	5°50	28°59	16°12	15° 4	20°27	26°31	6°32	5°45	10°51	15°36	S 9
M10	13 33 58	25°13'08	22°38	29°59	20° 4	5°52	29°13	16° 8	15° 4	20°29	26°31	6°30	5°42	10°57	15°39	M10
T 11	13 37 54	26°11'20	4♊47	0♈37	21°17	5°53	29°27	16° 5	15° 3	20°31	26°31	6°27	5°38	11° 4	15°42	T 11
W12	13 41 51	27° 9'30	17° 7	1°18	22°29	5°R53	29°41	16° 2	15° 3	20°33	26°32	6°24	5°35	11°11	15°45	W12
T 13	13 45 47	28° 7'38	29°41	2° 3	23°42	5°52	29°54	16° 0	15° 3	20°35	26°32	6°21	5°32	11°17	15°48	T 13
F 14	13 49 44	29° 5'45	12♋30	2°52	24°55	5°51	0♈ 8	15°57	15° 3	20°37	26°32	6°19	5°29	11°24	15°51	F 14
S 15	13 53 40	0♉ 3'49	25°38	3°44	26° 8	5°49	0°21	15°54	15° 2	20°39	26°32	6°D18	5°26	11°31	15°54	S 15
S 16	13 57 37	1° 1'51	9♌ 7	4°39	27°21	5°46	0°35	15°51	15° 2	20°41	26°33	6°18	5°23	11°37	15°56	S 16
M17	14 1 33	1°59'51	22°58	5°37	28°33	5°43	0°48	15°49	15°D 2	20°43	26°33	6°19	5°19	11°44	15°59	M17
T 18	14 5 30	2°57'49	7♍12	6°38	29°46	5°39	1° 2	15°46	15° 2	20°44	26°33	6°21	5°16	11°51	16° 2	T 18
W19	14 9 27	3°55'46	21°48	7°42	0♊59	5°34	1°15	15°44	15° 2	20°46	26°33	6°22	5°13	11°57	16° 4	W19
T 20	14 13 23	4°53'40	6♎41	8°49	2°11	5°28	1°28	15°42	15° 3	20°48	26°33	6°R22	5°10	12° 4	16° 7	T 20
F 21	14 17 20	5°51'33	21°45	9°58	3°24	5°21	1°41	15°40	15° 3	20°50	26°33	6°22	5° 7	12°10	16°10	F 21
S 22	14 21 16	6°49'24	6♏52	11°10	4°36	5°14	1°55	15°38	15° 3	20°51	26°R33	6°20	5° 3	12°17	16°12	S 22
S 23	14 25 13	7°47'14	21°53	12°25	5°49	5° 6	2° 8	15°36	15° 3	20°53	26°33	6°16	5° 0	12°24	16°15	S 23
M24	14 29 9	8°45'02	6♐38	13°42	7° 1	4°57	2°21	15°34	15° 4	20°55	26°33	6°12	4°57	12°30	16°17	M24
T 25	14 33 6	9°42'49	21° 1	15° 2	8°13	4°48	2°34	15°32	15° 4	20°56	26°33	6° 7	4°54	12°37	16°20	T 25
W26	14 37 2	10°40'34	4♑57	16°24	9°25	4°38	2°47	15°30	15° 4	20°58	26°33	6° 2	4°51	12°44	16°22	W26
T 27	14 40 59	11°38'19	18°26	17°48	10°38	4°27	2°59	15°28	15° 5	21° 0	26°33	5°59	4°48	12°50	16°24	T 27
F 28	14 44 56	12°36'02	1♒27	19°15	11°50	4°15	3°12	15°27	15° 6	21° 1	26°33	5°57	4°44	12°57	16°27	F 28
S 29	14 48 52	13°33'44	14° 4	20°44	13° 2	4° 3	3°25	15°26	15° 6	21° 3	26°32	5°D56	4°41	13° 4	16°29	S 29
S 30	14 52 49	14♉31'25	26♒21	22♈16	14♊14	3♐50	3♈38	15♍24	15♌ 7	21♓ 4	26♑32	5♈57	4♈38	13♈10	16♓31	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n30	23s34	4s39	1s24	0s30	14n42	0n 6	20s49	0n28	2s11	1s 8	7n36	2n30	17n 5	0n44	5s 8	1s21	26s10	5s18	2n36	2n28	4n17	1s36	4n38
S 2	6 53	19 28	4 0	1 39	0 45	15 8	0 9	20 53	0 26	2 5	1 8	7 37	2 30	17 5	0 44	5 8	1 21	26 10	5 18	2 37	2 27	4 20	1 35	4 38
M 3	7 15	14 39	3 11	1 51	0 59	15 33	0 11	20 56	0 24	2 0	1 8	7 39	2 30	17 5	0 44	5 7	1 21	26 11	5 18	2 37	2 25	4 24	1 33	4 38
T 4	7 38	9 21	2 15	2 1	1 12	15 58	0 14	20 59	0 22	1 54	1 8	7 40	2 30	17 6	0 44	5 6	1 21	26 11	5 19	2 37	2 24	4 27	1 32	4 38
W 5	8 0	3 46	1 13	2 8	1 24	16 23	0 17	21 2	0 19	1 49	1 8	7 41	2 30	17 6	0 44	5 5	1 21	26 11	5 19	2 38	2 23	4 30	1 31	4 38
T 6	8 22	1n56	0 8	2 12	1 36	16 47	0 19	21 5	0 17	1 43	1 8	7 43	2 30	17 6	0 44	5 5	1 21	26 11	5 19	2 38	2 21	4 34	1 30	4 38
F 7	8 44	7 33	0n57	2 14	1 47	17 11	0 22	21 8	0 15	1 38	1 8	7 44	2 30	17 6	0 44	5 4	1 21	26 11	5 19	2 38	2 20	4 37	1 28	4 38
S 8	9 5	12 57	2 0	2 13	1 57	17 35	0 25	21 11	0 13	1 32	1 8	7 45	2 30	17 6	0 44	5 3	1 21	26 11	5 19	2 37	2 19	4 41	1 27	4 38
S 9	9 27	17 54	2 57	2 10	2 7	17 58	0 28	21 13	0 10	1 27	1 9	7 46	2 30	17 6	0 44	5 2	1 21	26 11	5 20	2 37	2 18	4 44	1 26	4 38
M10	9 48	22 12	3 48	2 4	2 16	18 20	0 30	21 16	0 8	1 22	1 9	7 47	2 29	17 6	0 44	5 2	1 21	26 11	5 20	2 36	2 16	4 48	1 25	4 38
T 11	10 10	25 36	4 28	1 57	2 23	18 42	0 33	21 19	0 6	1 16	1 9	7 48	2 29	17 6	0 44	5 1	1 21	26 12	5 20	2 34	2 15	4 51	1 23	4 39
W12	10 31	27 52	4 57	1 47	2 31	19 4	0 36	21 21	0 3	1 11	1 9	7 49	2 29	17 6	0 44	5 0	1 21	26 12	5 20	2 33	2 14	4 54	1 22	4 39
T 13	10 52	28 47	5 13	1 35	2 37	19 25	0 38	21 23	0 1	1 5	1 9	7 50	2 29	17 6	0 44	4 59	1 21	26 12	5 21	2 32	2 13	4 58	1 21	4 39
F 14	11 13	28 10	5 13	1 20	2 43	19 46	0 41	21 26	0s 2	1 0	1 9	7 51	2 29	17 6	0 44	4 59	1 21	26 12	5 21	2 31	2 11	5 1	1 20	4 39
S 15	11 33	26 0	4 57	1 4	2 47	20 6	0 44	21 28	0 5	0 55	1 9	7 52	2 29	17 6	0 44	4 58	1 21	26 12	5 21	2 31	2 10	5 5	1 18	4 39
S 16	11 54	22 20	4 25	0 46	2 52	20 26	0 47	21 30	0 7	0 50	1 9	7 53	2 29	17 6	0 44	4 57	1 21	26 13	5 21	2 31	2 9	5 8	1 17	4 39
M17	12 14	17 20	3 36	0 26	2 55	20 45	0 49	21 32	0 10	0 44	1 9	7 54	2 28	17 6	0 44	4 57	1 21	26 13	5 21	2 31	2 8	5 12	1 16	4 39
T 18	12 34	11 17	2 34	0 4	2 58	21 3	0 52	21 34	0 13	0 39	1 9	7 55	2 28	17 6	0 44	4 56	1 21	26 13	5 22	2 32	2 6	5 15	1 15	4 39
W19	12 54	4 29	1 19	0n19	3 0	21 21	0 54	21 36	0 16	0 34	1 10	7 56	2 28	17 6	0 44	4 55	1 21	26 13	5 22	2 32	2 5	5 18	1 14	4 40
T 20	13 13	2s42	0s 2	0 44	3 1	21 38	0 57	21 38	0 19	0 29	1 10	7 56	2 28	17 6	0 44	4 55	1 21	26 13	5 22	2 33	2 4	5 22	1 13	4 40
F 21	13 33	9 49	1 23	1 11	3 2	21 55	0 59	21 40	0 22	0 23	1 10	7 57	2 28	17 6	0 44	4 54	1 21	26 14	5 22	2 32	2 2	5 25	1 11	4 40
S 22	13 52	16 23	2 39	1 39	3 2	22 11	1 2	21 42	0 25	0 18	1 10	7 58	2 28	17 6	0 44	4 53	1 21	26 14	5 23	2 32	2 1	5 29	1 10	4 40
S 23	14 11	21 56	3 44	2 9	3 1	22 27	1 4	21 43	0 28	0 13	1 10	7 58	2 27	17 6	0 44	4 53	1 21	26 14	5 23	2 30	2 0	5 32	1 9	4 40
M24	14 30	26 0	4 32	2 40	3 0	22 42	1 7	21 45	0 31	0 8	1 10	7 59	2 27	17 6	0 43	4 52	1 21	26 14	5 23	2 28	1 59	5 35	1 8	4 40
T 25	14 48	28 16	5 2	3 13	2 58	22 56	1 9	21 46	0 34	0 3	1 10	7 59	2 27	17 6	0 43	4 51	1 21	26 14	5 23	2 26	1 57	5 39	1 7	4 40
W26	15 6	28 40	5 12	3 47	2 56	23 10	1 12	21 47	0 37	0n 2	1 10	8 0	2 27	17 5	0 43	4 51	1 21	26 15	5 24	2 25	1 56	5 42	1 6	4 41
T 27	15 24	27 19	5 5	4 22	2 53	23 23	1 14	21 48	0 40	0 7	1 10	8 0	2 27	17 5	0 43	4 50	1 22	26 15	5 24	2 23	1 55	5 46	1 5	4 41
F 28	15 42	24 31	4 42	4 58	2 49	23 35	1 16	21 49	0 44	0 12	1 11	8 1	2 26	17 5	0 43	4 50	1 22	26 15	5 24	2 22	1 54	5 49	1 4	4 41
S 29	16 0	20 37	4 6	5 36	2 45	23 47	1 19	21 50	0 47	0 17	1 11	8 1	2 26	17 5	0 43	4 49	1 22	26 15	5 24	2 22	1 52	5 53	1 3	4 41
S 30	16n17	15s55	3s19	6n14	2s40	23n58	1n21	21s51	0s50	0n22	1s11	8n 2	2n26	17n 5	0n43	4s48	1s22	26s16	5s24	2n22	1n51	5n56	1s 2	4n41

Julian Day Number = 2100277.5, Delta T = 21m30s
Ecliptic obliquity = 23°34'00, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'04, Lahiri = 10°27'05 Julian Calendar 1 Apr. 1038 == Greg. Calendar 7 Apr. 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

MAY 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 56 45	15♉29'05	8♓23	23♈49	15♊26	3°R36	3♈50	15°R23	15♌ 8	21♓ 6	26°R32	5♈58	4♈35	13♈17	16♓34	M 1
T 2	15 0 42	16°26'44	20°16	25°25	16°38	3♐22	4° 3	15♍22	15° 8	21° 7	26♑32	6° 0	4°32	13°24	16°36	T 2
W 3	15 4 38	17°24'22	2♈ 3	27° 4	17°50	3° 7	4°15	15°21	15° 9	21° 9	26°31	6°R 1	4°29	13°30	16°38	W 3
T 4	15 8 35	18°21'58	13°49	28°44	19° 2	2°52	4°27	15°20	15°10	21°10	26°31	6° 0	4°25	13°37	16°40	T 4
F 5	15 12 31	19°19'34	25°38	0♉27	20°14	2°36	4°40	15°19	15°11	21°12	26°31	5°58	4°22	13°44	16°42	F 5
S 6	15 16 28	20°17'08	7♉33	2°12	21°26	2°19	4°52	15°18	15°12	21°13	26°30	5°54	4°19	13°50	16°44	S 6
S 7	15 20 25	21°14'41	19°35	3°59	22°37	2° 2	5° 4	15°18	15°13	21°14	26°30	5°48	4°16	13°57	16°46	S 7
M 8	15 24 21	22°12'14	1♊47	5°48	23°49	1°44	5°16	15°17	15°14	21°16	26°30	5°41	4°13	14° 3	16°48	M 8
T 9	15 28 18	23° 9'45	14°10	7°40	25° 1	1°26	5°28	15°17	15°15	21°17	26°29	5°32	4° 9	14°10	16°50	T 9
W10	15 32 14	24° 7'15	26°45	9°34	26°12	1° 8	5°40	15°16	15°16	21°18	26°29	5°24	4° 6	14°17	16°52	W10
T 11	15 36 11	25° 4'44	9♋32	11°30	27°24	0°49	5°52	15°16	15°18	21°20	26°28	5°16	4° 3	14°23	16°53	T 11
F 12	15 40 7	26° 2'11	22°32	13°28	28°35	0°30	6° 3	15°16	15°19	21°21	26°28	5°10	4° 0	14°30	16°55	F 12
S 13	15 44 4	26°59'37	5♌46	15°28	29°47	0°11	6°15	15°D16	15°20	21°22	26°27	5° 6	3°57	14°37	16°57	S 13
S 14	15 48 0	27°57'02	19°15	17°30	0♋58	29♏51	6°27	15°16	15°22	21°23	26°27	5° 4	3°54	14°43	16°58	S 14
M15	15 51 57	28°54'26	3♍ 1	19°34	2° 9	29°32	6°38	15°16	15°23	21°24	26°26	5°D 3	3°50	14°50	17° 0	M15
T 16	15 55 54	29°51'48	17° 3	21°39	3°21	29°12	6°49	15°17	15°25	21°25	26°25	5° 4	3°47	14°57	17° 2	T 16
W17	15 59 50	0♊49'09	1♎22	23°47	4°32	28°52	7° 1	15°17	15°26	21°26	26°25	5°R 5	3°44	15° 3	17° 3	W17
T 18	16 3 47	1°46'29	15°55	25°55	5°43	28°32	7°12	15°17	15°28	21°27	26°24	5° 4	3°41	15°10	17° 5	T 18
F 19	16 7 43	2°43'48	0♏39	28° 5	6°54	28°12	7°23	15°18	15°29	21°28	26°23	5° 2	3°38	15°17	17° 6	F 19
S 20	16 11 40	3°41'06	15°29	0♊15	8° 5	27°52	7°34	15°19	15°31	21°29	26°23	4°57	3°35	15°23	17° 7	S 20
S 21	16 15 36	4°38'23	0♐16	2°27	9°16	27°32	7°45	15°20	15°33	21°30	26°22	4°50	3°31	15°30	17° 9	S 21
M22	16 19 33	5°35'40	14°53	4°38	10°27	27°13	7°56	15°20	15°35	21°31	26°21	4°42	3°28	15°37	17°10	M22
T 23	16 23 29	6°32'56	29°12	6°50	11°37	26°53	8° 6	15°21	15°36	21°32	26°21	4°32	3°25	15°43	17°11	T 23
W24	16 27 26	7°30'11	13♑ 8	9° 2	12°48	26°34	8°17	15°23	15°38	21°33	26°20	4°23	3°22	15°50	17°12	W24
T 25	16 31 23	8°27'26	26°38	11°14	13°59	26°15	8°27	15°24	15°40	21°34	26°19	4°15	3°19	15°57	17°13	T 25
F 26	16 35 19	9°24'40	9♒41	13°24	15° 9	25°56	8°38	15°25	15°42	21°35	26°18	4° 9	3°15	16° 3	17°14	F 26
S 27	16 39 16	10°21'54	22°21	15°34	16°20	25°38	8°48	15°26	15°44	21°36	26°17	4° 5	3°12	16°10	17°15	S 27
S 28	16 43 12	11°19'08	4♓40	17°43	17°30	25°20	8°58	15°28	15°46	21°36	26°16	4° 4	3° 9	16°16	17°16	S 28
M29	16 47 9	12°16'21	16°43	19°50	18°40	25° 2	9° 8	15°29	15°48	21°37	26°16	4°D 4	3° 6	16°23	17°17	M29
T 30	16 51 5	13°13'34	28°36	21°56	19°51	24°45	9°18	15°31	15°50	21°38	26°15	4°R 4	3° 3	16°30	17°18	T 30
W31	16 55 2	14♊10'47	10♈23	24♊ 1	21♋ 1	24♏29	9♈28	15♍33	15♌53	21♓38	26♑14	4♈ 4	3♈ 0	16♈36	17♓19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n34	10s42	2s25	6n54	2s35	24n 9	1n23	21s52	0s54	0n27	1s11	8n 2	2n26	17n 4	0n43	4s48	1s22	26s16	5s25	2n23	1n50	5n59	1s 1	4n41
T 2	16 51	5 10	1 25	7 34	2 29	24 18	1 25	21 53	0 57	0 32	1 11	8 2	2 26	17 4	0 43	4 47	1 22	26 16	5 25	2 24	1 49	6 3	1 0	4 42
W 3	17 7	0n29	0 22	8 16	2 22	24 27	1 27	21 53	1 1	0 37	1 11	8 2	2 26	17 4	0 43	4 47	1 22	26 17	5 25	2 24	1 47	6 6	0 59	4 42
T 4	17 23	6 8	0n42	8 58	2 16	24 36	1 29	21 53	1 4	0 41	1 11	8 3	2 25	17 4	0 43	4 46	1 22	26 17	5 25	2 24	1 46	6 10	0 58	4 42
F 5	17 39	11 35	1 44	9 41	2 8	24 43	1 31	21 54	1 8	0 46	1 12	8 3	2 25	17 3	0 43	4 46	1 22	26 17	5 26	2 23	1 45	6 13	0 57	4 42
S 6	17 55	16 39	2 42	10 25	2 0	24 50	1 33	21 54	1 11	0 51	1 12	8 3	2 25	17 3	0 43	4 45	1 22	26 17	5 26	2 21	1 43	6 16	0 56	4 42
S 7	18 10	21 9	3 34	11 9	1 52	24 57	1 35	21 54	1 15	0 56	1 12	8 3	2 25	17 3	0 43	4 45	1 22	26 18	5 26	2 19	1 42	6 20	0 55	4 42
M 8	18 25	24 48	4 16	11 54	1 43	25 2	1 37	21 54	1 18	1 0	1 12	8 3	2 25	17 2	0 43	4 44	1 22	26 18	5 26	2 16	1 41	6 23	0 54	4 43
T 9	18 40	27 22	4 46	12 40	1 34	25 7	1 39	21 53	1 22	1 5	1 12	8 3	2 24	17 2	0 43	4 44	1 22	26 18	5 26	2 13	1 40	6 27	0 53	4 43
W10	18 54	28 35	5 4	13 25	1 25	25 11	1 41	21 53	1 25	1 9	1 12	8 3	2 24	17 1	0 43	4 43	1 22	26 19	5 27	2 9	1 38	6 30	0 52	4 43
T 11	19 8	28 19	5 6	14 11	1 15	25 15	1 42	21 53	1 29	1 14	1 12	8 3	2 24	17 1	0 43	4 43	1 22	26 19	5 27	2 6	1 37	6 33	0 51	4 43
F 12	19 22	26 29	4 53	14 56	1 5	25 17	1 44	21 52	1 32	1 18	1 13	8 3	2 24	17 1	0 43	4 42	1 22	26 19	5 27	2 4	1 36	6 37	0 51	4 43
S 13	19 35	23 12	4 25	15 42	0 54	25 19	1 45	21 51	1 36	1 23	1 13	8 2	2 24	17 0	0 43	4 42	1 22	26 19	5 27	2 2	1 35	6 40	0 50	4 44
S 14	19 49	18 37	3 41	16 27	0 44	25 21	1 47	21 51	1 39	1 27	1 13	8 2	2 23	17 0	0 43	4 42	1 22	26 20	5 27	2 1	1 33	6 43	0 49	4 44
M15	20 1	13 0	2 43	17 11	0 33	25 21	1 48	21 50	1 43	1 32	1 13	8 2	2 23	16 59	0 43	4 41	1 22	26 20	5 28	2 1	1 32	6 47	0 48	4 44
T 16	20 14	6 36	1 35	17 55	0 22	25 21	1 50	21 49	1 46	1 36	1 13	8 2	2 23	16 59	0 43	4 41	1 22	26 20	5 28	2 1	1 31	6 50	0 47	4 44
W17	20 26	0s14	0 20	18 38	0 11	25 20	1 51	21 48	1 50	1 40	1 13	8 1	2 23	16 58	0 43	4 40	1 22	26 21	5 28	2 2	1 30	6 54	0 47	4 44
T 18	20 38	7 11	0s58	19 20	0 1	25 18	1 52	21 46	1 53	1 45	1 14	8 1	2 23	16 58	0 43	4 40	1 22	26 21	5 28	2 2	1 28	6 57	0 46	4 45
F 19	20 49	13 50	2 13	20 0	0n10	25 16	1 53	21 45	1 56	1 49	1 14	8 0	2 22	16 57	0 43	4 40	1 23	26 21	5 29	2 1	1 27	7 0	0 45	4 45
S 20	21 0	19 44	3 19	20 39	0 21	25 13	1 54	21 44	2 0	1 53	1 14	8 0	2 22	16 57	0 43	4 39	1 23	26 22	5 29	1 59	1 26	7 4	0 44	4 45
S 21	21 11	24 24	4 11	21 16	0 31	25 9	1 55	21 43	2 3	1 57	1 14	7 59	2 22	16 56	0 43	4 39	1 23	26 22	5 29	1 56	1 24	7 7	0 44	4 45
M22	21 21	27 27	4 46	21 51	0 41	25 5	1 56	21 41	2 6	2 1	1 14	7 59	2 22	16 56	0 43	4 39	1 23	26 22	5 29	1 52	1 23	7 11	0 43	4 45
T 23	21 31	28 37	5 3	22 23	0 50	25 0	1 57	21 40	2 9	2 5	1 15	7 58	2 21	16 55	0 42	4 38	1 23	26 23	5 29	1 49	1 22	7 14	0 42	4 46
W24	21 41	27 54	5 1	22 54	0 59	24 54	1 57	21 38	2 12	2 9	1 15	7 58	2 21	16 55	0 42	4 38	1 23	26 23	5 30	1 45	1 21	7 17	0 42	4 46
T 25	21 50	25 33	4 42	23 22	1 8	24 47	1 58	21 37	2 16	2 13	1 15	7 57	2 21	16 54	0 42	4 38	1 23	26 23	5 30	1 42	1 19	7 21	0 41	4 46
F 26	21 59	21 54	4 8	23 47	1 16	24 40	1 59	21 35	2 18	2 17	1 15	7 56	2 21	16 53	0 42	4 38	1 23	26 24	5 30	1 40	1 18	7 24	0 40	4 46
S 27	22 7	17 20	3 23	24 9	1 23	24 32	1 59	21 33	2 21	2 21	1 15	7 56	2 21	16 53	0 42	4 37	1 23	26 24	5 30	1 38	1 17	7 27	0 40	4 46
S 28	22 15	12 11	2 30	24 29	1 30	24 23	1 59	21 32	2 24	2 25	1 15	7 55	2 20	16 52	0 42	4 37	1 23	26 25	5 30	1 37	1 16	7 31	0 39	4 47
M29	22 23	6 40	1 31	24 46	1 36	24 14	2 0	21 30	2 27	2 29	1 16	7 54	2 20	16 51	0 42	4 37	1 23	26 25	5 30	1 37	1 14	7 34	0 39	4 47
T 30	22 30	1 0	0 29	25 0	1 41	24 4	2 0	21 29	2 30	2 33	1 16	7 53	2 20	16 51	0 42	4 37	1 23	26 25	5 31	1 38	1 13	7 38	0 38	4 47
W31	22n37	4n39	0n34	25n12	1n46	23n53	2n 0	21s27	2s32	2n36	1s16	7n52	2n20	16n50	0n42	4s36	1s23	26s26	5s31	1n38	1n12	7n41	0s38	4n47

Julian Day Number = 2100307.5, Delta T = 21m29s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'08, Lahiri = 10°27'09 Julian Calendar 1 May 1038 == Greg. Calendar 7 May 1038

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1038
geocentric

JUNE 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 58 58	15♊ 8'00	22♈11	26♊ 3	22♋11	24°R13	9♈38	15♍35	15♎55	21♓39	26°R13	4°R 3	2♈56	16♈43	17♓20	T 1
F 2	17 2 55	16° 5'12	4♉ 4	28° 4	23°21	23♏57	9°47	15°37	15°57	21°39	26♑12	3♈59	2°53	16°50	17°20	F 2
S 3	17 6 52	17° 2'25	16° 5	0♌ 2	24°31	23°42	9°57	15°39	15°59	21°40	26°11	3°53	2°50	16°56	17°21	S 3
S 4	17 10 48	17°59'37	28°18	1°59	25°41	23°28	10° 6	15°41	16° 2	21°41	26°10	3°44	2°47	17° 3	17°22	S 4
M 5	17 14 45	18°56'49	10♊43	3°54	26°51	23°15	10°15	15°43	16° 4	21°41	26° 9	3°33	2°44	17°10	17°22	M 5
T 6	17 18 41	19°54'01	23°23	5°46	28° 0	23° 2	10°25	15°46	16° 6	21°42	26° 8	3°21	2°41	17°16	17°23	T 6
W 7	17 22 38	20°51'13	6♋17	7°37	29°10	22°50	10°34	15°48	16° 9	21°42	26° 7	3° 8	2°37	17°23	17°23	W 7
T 8	17 26 34	21°48'24	19°24	9°25	0♌20	22°38	10°42	15°51	16°11	21°42	26° 6	2°57	2°34	17°30	17°23	T 8
F 9	17 30 31	22°45'36	2♌43	11°11	1°29	22°28	10°51	15°53	16°14	21°43	26° 4	2°47	2°31	17°36	17°24	F 9
S 10	17 34 28	23°42'46	16°13	12°55	2°38	22°18	11° 0	15°56	16°17	21°43	26° 3	2°41	2°28	17°43	17°24	S 10
S 11	17 38 24	24°39'57	29°52	14°37	3°48	22° 9	11° 8	15°59	16°19	21°43	26° 2	2°37	2°25	17°50	17°24	S 11
M12	17 42 21	25°37'07	13♍42	16°16	4°57	22° 1	11°16	16° 2	16°22	21°44	26° 1	2°35	2°21	17°56	17°24	M12
T 13	17 46 17	26°34'16	27°41	17°54	6° 6	21°53	11°25	16° 5	16°25	21°44	26° 0	2°35	2°18	18° 3	17°25	T 13
W14	17 50 14	27°31'25	11♎49	19°29	7°15	21°47	11°33	16° 8	16°27	21°44	25°59	2°35	2°15	18°10	17°25	W14
T 15	17 54 10	28°28'35	26° 6	21° 2	8°24	21°41	11°41	16°11	16°30	21°44	25°58	2°33	2°12	18°16	17°R25	T 15
F 16	17 58 7	29°25'43	10♏29	22°33	9°32	21°36	11°48	16°14	16°33	21°44	25°56	2°30	2° 9	18°23	17°25	F 16
S 17	18 2 3	0♋22'52	24°54	24° 1	10°41	21°32	11°56	16°18	16°36	21°44	25°55	2°24	2° 6	18°29	17°25	S 17
S 18	18 6 0	1°20'01	9♐18	25°28	11°50	21°29	12° 4	16°21	16°39	21°44	25°54	2°15	2° 2	18°36	17°24	S 18
M19	18 9 57	2°17'10	23°34	26°52	12°58	21°27	12°11	16°25	16°41	21°R44	25°53	2° 5	1°59	18°43	17°24	M19
T 20	18 13 53	3°14'19	7♑36	28°13	14° 6	21°25	12°18	16°28	16°44	21°44	25°51	1°53	1°56	18°49	17°24	T 20
W21	18 17 50	4°11'28	21°20	29°33	15°15	21°D25	12°25	16°32	16°47	21°44	25°50	1°41	1°53	18°56	17°24	W21
T 22	18 21 46	5° 8'38	4♒42	0♌50	16°23	21°25	12°32	16°36	16°50	21°44	25°49	1°31	1°50	19° 3	17°23	T 22
F 23	18 25 43	6° 5'48	17°42	2° 4	17°31	21°26	12°39	16°40	16°53	21°44	25°48	1°23	1°47	19° 9	17°23	F 23
S 24	18 29 39	7° 2'58	0♓19	3°16	18°38	21°28	12°45	16°43	16°56	21°44	25°46	1°18	1°43	19°16	17°22	S 24
S 25	18 33 36	8° 0'09	12°38	4°26	19°46	21°30	12°52	16°47	16°59	21°44	25°45	1°15	1°40	19°23	17°22	S 25
M26	18 37 32	8°57'21	24°42	5°32	20°54	21°34	12°58	16°52	17° 3	21°44	25°44	1°14	1°37	19°29	17°21	M26
T 27	18 41 29	9°54'33	6♈35	6°36	22° 1	21°38	13° 4	16°56	17° 6	21°43	25°42	1°14	1°34	19°36	17°21	T 27
W28	18 45 26	10°51'46	18°24	7°38	23° 8	21°43	13°10	17° 0	17° 9	21°43	25°41	1°14	1°31	19°43	17°20	W28
T 29	18 49 22	11°49'00	0♉14	8°36	24°15	21°49	13°16	17° 4	17°12	21°43	25°40	1°13	1°27	19°49	17°19	T 29
F 30	18 53 19	12♋46'15	12♉10	9♌31	25♌22	21♏55	13♈22	17♍ 9	17♎15	21♓43	25♑38	1♈ 9	1♈24	19♈56	17♓19	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n44	10n 9	1n35	25n20	1n50	23n42	2n 0	21s26	2s35	2n40	1s16	7n51	2n20	16n49	0n42	4s36	1s23	26s26	5s31	1n37	1n10	7n44	0s37	4n48
F 2	22 50	15 20	2 32	25 26	1 53	23 30	2 0	21 24	2 37	2 44	1 16	7 50	2 19	16 49	0 42	4 36	1 23	26 26	5 31	1 35	1 9	7 48	0 37	4 48
S 3	22 56	19 59	3 23	25 29	1 55	23 18	2 0	21 23	2 40	2 47	1 17	7 49	2 19	16 48	0 42	4 36	1 23	26 27	5 31	1 33	1 8	7 51	0 36	4 48
S 4	23 1	23 53	4 6	25 30	1 57	23 5	2 0	21 21	2 42	2 51	1 17	7 48	2 19	16 47	0 42	4 36	1 23	26 27	5 32	1 29	1 7	7 54	0 36	4 48
M 5	23 6	26 45	4 38	25 29	1 58	22 51	1 59	21 20	2 45	2 54	1 17	7 47	2 19	16 46	0 42	4 36	1 23	26 27	5 32	1 25	1 5	7 58	0 35	4 48
T 6	23 11	28 20	4 56	25 25	1 59	22 37	1 59	21 19	2 47	2 57	1 17	7 46	2 19	16 46	0 42	4 35	1 24	26 28	5 32	1 20	1 4	8 1	0 35	4 49
W 7	23 15	28 25	5 0	25 19	1 58	22 22	1 58	21 18	2 49	3 1	1 18	7 45	2 18	16 45	0 42	4 35	1 24	26 28	5 32	1 15	1 3	8 4	0 35	4 49
T 8	23 19	26 55	4 49	25 11	1 57	22 6	1 58	21 17	2 51	3 4	1 18	7 44	2 18	16 44	0 42	4 35	1 24	26 29	5 32	1 11	1 2	8 8	0 34	4 49
F 9	23 22	23 54	4 21	25 0	1 55	21 50	1 57	21 16	2 53	3 7	1 18	7 43	2 18	16 43	0 42	4 35	1 24	26 29	5 32	1 7	1 0	8 11	0 34	4 49
S 10	23 25	19 33	3 39	24 49	1 53	21 33	1 56	21 15	2 55	3 11	1 18	7 41	2 18	16 43	0 42	4 35	1 24	26 29	5 33	1 4	0 59	8 14	0 34	4 50
S 11	23 27	14 8	2 44	24 35	1 50	21 16	1 55	21 15	2 56	3 14	1 18	7 40	2 18	16 42	0 42	4 35	1 24	26 30	5 33	1 3	0 58	8 18	0 33	4 50
M12	23 30	7 57	1 38	24 20	1 46	20 58	1 54	21 14	2 58	3 17	1 19	7 39	2 17	16 41	0 42	4 35	1 24	26 30	5 33	1 2	0 57	8 21	0 33	4 50
T 13	23 31	1 19	0 26	24 3	1 42	20 40	1 53	21 14	3 0	3 20	1 19	7 38	2 17	16 40	0 42	4 35	1 24	26 31	5 33	1 2	0 55	8 24	0 33	4 50
W14	23 33	5s27	0s49	23 45	1 37	20 21	1 52	21 13	3 1	3 23	1 19	7 36	2 17	16 39	0 42	4 35	1 24	26 31	5 33	1 2	0 54	8 28	0 33	4 50
T 15	23 33	12 0	2 1	23 25	1 32	20 2	1 50	21 13	3 3	3 26	1 19	7 35	2 17	16 38	0 42	4 35	1 24	26 31	5 33	1 1	0 53	8 31	0 32	4 51
F 16	23 34	17 59	3 6	23 5	1 26	19 42	1 49	21 13	3 4	3 28	1 20	7 33	2 17	16 37	0 42	4 35	1 24	26 32	5 34	1 0	0 51	8 34	0 32	4 51
S 17	23 34	22 57	3 59	22 43	1 19	19 22	1 47	21 14	3 6	3 31	1 20	7 32	2 16	16 37	0 42	4 35	1 24	26 32	5 34	0 58	0 50	8 38	0 32	4 51
S 18	23 34	26 31	4 37	22 21	1 12	19 1	1 46	21 14	3 7	3 34	1 20	7 30	2 16	16 36	0 42	4 35	1 24	26 32	5 34	0 54	0 49	8 41	0 32	4 51
M19	23 33	28 21	4 57	21 57	1 5	18 40	1 44	21 15	3 8	3 36	1 20	7 29	2 16	16 35	0 42	4 35	1 24	26 33	5 34	0 50	0 48	8 44	0 32	4 51
T 20	23 32	28 19	4 59	21 33	0 57	18 18	1 42	21 15	3 9	3 39	1 21	7 27	2 16	16 34	0 42	4 35	1 24	26 33	5 34	0 45	0 46	8 48	0 32	4 52
W21	23 30	26 32	4 43	21 9	0 49	17 56	1 40	21 16	3 10	3 42	1 21	7 25	2 16	16 33	0 42	4 35	1 24	26 34	5 34	0 41	0 45	8 51	0 32	4 52
T 22	23 28	23 16	4 12	20 43	0 40	17 34	1 38	21 17	3 11	3 44	1 21	7 24	2 16	16 32	0 42	4 35	1 24	26 34	5 34	0 37	0 44	8 54	0 32	4 52
F 23	23 25	18 55	3 29	20 18	0 30	17 11	1 36	21 18	3 12	3 47	1 21	7 22	2 15	16 31	0 42	4 35	1 24	26 34	5 35	0 33	0 43	8 58	0 32	4 52
S 24	23 23	13 51	2 36	19 52	0 21	16 48	1 33	21 20	3 13	3 49	1 21	7 20	2 15	16 30	0 42	4 35	1 24	26 35	5 35	0 31	0 41	9 1	0 32	4 53
S 25	23 19	8 21	1 37	19 25	0 10	16 24	1 31	21 21	3 14	3 51	1 22	7 19	2 15	16 29	0 42	4 35	1 25	26 35	5 35	0 30	0 40	9 4	0 32	4 53
M26	23 16	2 39	0 35	18 59	0s 0	16 0	1 28	21 23	3 15	3 53	1 22	7 17	2 15	16 28	0 42	4 35	1 25	26 35	5 35	0 30	0 39	9 8	0 32	4 53
T 27	23 12	3n 4	0n28	18 33	0 11	15 36	1 26	21 25	3 16	3 56	1 22	7 15	2 15	16 27	0 42	4 36	1 25	26 36	5 35	0 30	0 38	9 11	0 32	4 53
W28	23 7	8 38	1 30	18 6	0 22	15 11	1 23	21 27	3 16	3 58	1 23	7 13	2 15	16 26	0 42	4 36	1 25	26 36	5 35	0 30	0 36	9 14	0 32	4 53
T 29	23 2	13 55	2 27	17 40	0 34	14 46	1 20	21 29	3 17	4 0	1 23	7 11	2 14	16 25	0 42	4 36	1 25	26 37	5 35	0 29	0 35	9 18	0 32	4 54
F 30	22n57	18n43	3n19	17n14	0s46	14n21	1n17	21s31	3s17	4n 2	1s23	7n10	2n14	16n24	0n42	4s36	1s25	26s37	5s35	0n28	0n34	9n21	0s32	4n54

Julian Day Number = 2100338.5, Delta T = 21m29s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'13, Lahiri = 10°27'13 Julian Calendar 1 June 1038 == Greg. Calendar 7 June 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

JULY 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 57 15	13♋43'30	24♉16	10♌23	26♌29	22♏ 3	13♈27	17♍13	17♌19	21°R42	25°R37	1°R 4	1♈21	20♈ 3	17°R18	S 1
S 2	19 1 12	14°40'47	6♊37	11°12	27°36	22°11	13°32	17°18	17°22	21♓42	25♑36	0♈56	1°18	20° 9	17♓17	S 2
M 3	19 5 8	15°38'04	19°14	11°58	28°43	22°20	13°37	17°22	17°25	21°41	25°34	0°45	1°15	20°16	17°16	M 3
T 4	19 9 5	16°35'22	2♋ 9	12°39	29°49	22°30	13°42	17°27	17°28	21°41	25°33	0°34	1°12	20°23	17°15	T 4
W 5	19 13 2	17°32'40	15°23	13°17	0♍55	22°40	13°47	17°32	17°32	21°41	25°32	0°22	1° 8	20°29	17°14	W 5
T 6	19 16 58	18°30'00	28°52	13°52	2° 1	22°51	13°52	17°37	17°35	21°40	25°30	0°11	1° 5	20°36	17°13	T 6
F 7	19 20 55	19°27'20	12♌34	14°22	3° 7	23° 3	13°56	17°42	17°39	21°39	25°29	0° 2	1° 2	20°43	17°12	F 7
S 8	19 24 51	20°24'40	26°27	14°48	4°13	23°16	14° 0	17°47	17°42	21°39	25°28	29♓56	0°59	20°49	17°11	S 8
S 9	19 28 48	21°22'02	10♍27	15° 9	5°19	23°29	14° 5	17°52	17°45	21°38	25°26	29°52	0°56	20°56	17°10	S 9
M10	19 32 44	22°19'23	24°32	15°26	6°24	23°43	14° 8	17°57	17°49	21°38	25°25	29°D51	0°53	21° 3	17° 8	M10
T 11	19 36 41	23°16'46	8♎39	15°38	7°29	23°58	14°12	18° 2	17°52	21°37	25°23	29°51	0°49	21° 9	17° 7	T 11
W12	19 40 37	24°14'09	22°47	15°45	8°34	24°13	14°16	18° 7	17°56	21°36	25°22	29°R51	0°46	21°16	17° 6	W12
T 13	19 44 34	25°11'32	6♏56	15°R47	9°39	24°29	14°19	18°13	17°59	21°36	25°21	29°50	0°43	21°22	17° 4	T 13
F 14	19 48 31	26° 8'57	21° 3	15°44	10°44	24°46	14°22	18°18	18° 3	21°35	25°19	29°48	0°40	21°29	17° 3	F 14
S 15	19 52 27	27° 6'22	5♐ 7	15°35	11°48	25° 3	14°25	18°24	18° 6	21°34	25°18	29°43	0°37	21°36	17° 1	S 15
S 16	19 56 24	28° 3'48	19° 5	15°22	12°53	25°21	14°28	18°29	18°10	21°33	25°16	29°36	0°33	21°42	17° 0	S 16
M17	20 0 20	29° 1'15	2♑55	15° 3	13°57	25°39	14°31	18°35	18°14	21°32	25°15	29°27	0°30	21°49	16°58	M17
T 18	20 4 17	29°58'42	16°33	14°39	15° 0	25°58	14°33	18°40	18°17	21°32	25°14	29°18	0°27	21°56	16°57	T 18
W19	20 8 13	0♌56'11	29°56	14°10	16° 4	26°18	14°35	18°46	18°21	21°31	25°12	29° 8	0°24	22° 2	16°55	W19
T 20	20 12 10	1°53'41	13♒ 2	13°36	17° 7	26°38	14°37	18°52	18°24	21°30	25°11	29° 0	0°21	22° 9	16°53	T 20
F 21	20 16 6	2°51'12	25°49	12°58	18°10	26°59	14°39	18°57	18°28	21°29	25°10	28°53	0°18	22°16	16°51	F 21
S 22	20 20 3	3°48'44	8♓20	12°16	19°13	27°20	14°41	19° 3	18°32	21°28	25° 8	28°49	0°14	22°22	16°50	S 22
S 23	20 24 0	4°46'18	20°34	11°31	20°15	27°42	14°42	19° 9	18°35	21°27	25° 7	28°47	0°11	22°29	16°48	S 23
M24	20 27 56	5°43'53	2♈36	10°43	21°18	28° 4	14°43	19°15	18°39	21°26	25° 5	28°D46	0° 8	22°36	16°46	M24
T 25	20 31 53	6°41'29	14°29	9°54	22°20	28°27	14°44	19°21	18°43	21°25	25° 4	28°47	0° 5	22°42	16°44	T 25
W26	20 35 49	7°39'07	26°18	9° 3	23°21	28°51	14°45	19°27	18°46	21°24	25° 3	28°48	0° 2	22°49	16°42	W26
T 27	20 39 46	8°36'47	8♉ 8	8°13	24°23	29°14	14°46	19°33	18°50	21°23	25° 1	28°R49	29♓59	22°56	16°40	T 27
F 28	20 43 42	9°34'28	20° 5	7°24	25°24	29°39	14°46	19°40	18°54	21°21	25° 0	28°48	29°55	23° 2	16°38	F 28
S 29	20 47 39	10°32'11	2♊13	6°37	26°25	0♐ 3	14°47	19°46	18°58	21°20	24°59	28°46	29°52	23° 9	16°36	S 29
S 30	20 51 35	11°29'56	14°37	5°53	27°25	0°29	14°R47	19°52	19° 1	21°19	24°57	28°41	29°49	23°16	16°34	S 30
M31	20 55 32	12♌27'42	27♊20	5♌13	28♍25	0♐54	14♈47	19♍58	19♌ 5	21♓18	24♑56	28♓35	29♓46	23♈22	16♓32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n51	22n51	4n 2	16n48	0s58	13n55	1n14	21s34	3s18	4n 3	1s23	7n 8	2n14	16n23	0n42	4s36	1s25	26s37	5s35	0n25	0n32	9n24	0s32	4n54
S 2	22 45	26 3	4 35	16 23	1 10	13 29	1 11	21 36	3 18	4 5	1 24	7 6	2 14	16 22	0 41	4 37	1 25	26 38	5 36	0 22	0 31	9 28	0 32	4 54
M 3	22 39	28 2	4 56	15 58	1 23	13 3	1 8	21 39	3 19	4 7	1 24	7 4	2 14	16 21	0 41	4 37	1 25	26 38	5 36	0 18	0 30	9 31	0 32	4 54
T 4	22 32	28 34	5 1	15 34	1 36	12 36	1 5	21 42	3 19	4 9	1 24	7 2	2 14	16 20	0 41	4 37	1 25	26 38	5 36	0 13	0 29	9 34	0 33	4 55
W 5	22 25	27 30	4 51	15 11	1 49	12 9	1 1	21 45	3 20	4 10	1 24	7 0	2 13	16 19	0 41	4 37	1 25	26 39	5 36	0 9	0 27	9 38	0 33	4 55
T 6	22 17	24 49	4 25	14 49	2 2	11 42	0 58	21 48	3 20	4 12	1 25	6 58	2 13	16 18	0 41	4 37	1 25	26 39	5 36	0 4	0 26	9 41	0 33	4 55
F 7	22 9	20 41	3 43	14 27	2 15	11 15	0 54	21 51	3 20	4 13	1 25	6 56	2 13	16 17	0 41	4 38	1 25	26 39	5 36	0 1	0 25	9 44	0 33	4 55
S 8	22 0	15 23	2 48	14 7	2 28	10 47	0 50	21 55	3 20	4 15	1 25	6 54	2 13	16 16	0 41	4 38	1 25	26 40	5 36	0s 2	0 24	9 47	0 34	4 55
S 9	21 52	9 15	1 41	13 49	2 41	10 20	0 46	21 58	3 20	4 16	1 25	6 51	2 13	16 15	0 41	4 38	1 25	26 40	5 36	0 3	0 22	9 51	0 34	4 56
M10	21 42	2 37	0 28	13 31	2 54	9 52	0 42	22 2	3 21	4 17	1 26	6 49	2 13	16 14	0 41	4 39	1 25	26 41	5 36	0 4	0 21	9 54	0 34	4 56
T 11	21 33	4s10	0s47	13 15	3 7	9 24	0 38	22 6	3 21	4 19	1 26	6 47	2 12	16 13	0 41	4 39	1 25	26 41	5 36	0 4	0 20	9 57	0 34	4 56
W12	21 23	10 45	1 59	13 1	3 20	8 55	0 34	22 10	3 21	4 20	1 26	6 45	2 12	16 12	0 41	4 39	1 25	26 41	5 37	0 4	0 18	10 1	0 35	4 56
T 13	21 13	16 48	3 4	12 49	3 32	8 27	0 30	22 14	3 21	4 21	1 27	6 43	2 12	16 11	0 41	4 40	1 25	26 42	5 37	0 4	0 17	10 4	0 35	4 56
F 14	21 2	21 56	3 58	12 39	3 44	7 58	0 25	22 18	3 21	4 22	1 27	6 40	2 12	16 9	0 41	4 40	1 26	26 42	5 37	0 5	0 16	10 7	0 36	4 56
S 15	20 51	25 48	4 37	12 30	3 55	7 29	0 21	22 22	3 21	4 23	1 27	6 38	2 12	16 8	0 41	4 40	1 26	26 42	5 37	0 7	0 15	10 10	0 36	4 57
S 16	20 40	28 5	4 59	12 24	4 5	7 1	0 16	22 27	3 20	4 23	1 27	6 36	2 12	16 7	0 41	4 41	1 26	26 43	5 37	0 9	0 13	10 14	0 36	4 57
M17	20 28	28 35	5 4	12 21	4 15	6 31	0 11	22 31	3 20	4 24	1 28	6 34	2 12	16 6	0 41	4 41	1 26	26 43	5 37	0 13	0 12	10 17	0 37	4 57
T 18	20 16	27 20	4 51	12 19	4 24	6 2	0 7	22 35	3 20	4 25	1 28	6 31	2 12	16 5	0 41	4 41	1 26	26 43	5 37	0 17	0 11	10 20	0 37	4 57
W19	20 3	24 32	4 22	12 20	4 31	5 33	0 2	22 40	3 20	4 25	1 28	6 29	2 11	16 4	0 41	4 42	1 26	26 44	5 37	0 21	0 10	10 23	0 38	4 57
T 20	19 51	20 30	3 40	12 24	4 37	5 4	0s 3	22 45	3 20	4 26	1 28	6 26	2 11	16 3	0 41	4 42	1 26	26 44	5 37	0 24	0 8	10 27	0 38	4 57
F 21	19 38	15 36	2 47	12 30	4 42	4 34	0 8	22 49	3 20	4 26	1 29	6 24	2 11	16 2	0 41	4 43	1 26	26 44	5 37	0 27	0 7	10 30	0 39	4 58
S 22	19 24	10 9	1 48	12 39	4 45	4 5	0 14	22 54	3 19	4 27	1 29	6 22	2 11	16 0	0 41	4 43	1 26	26 45	5 37	0 29	0 6	10 33	0 40	4 58
S 23	19 10	4 26	0 44	12 49	4 47	3 36	0 19	22 59	3 19	4 27	1 29	6 19	2 11	15 59	0 41	4 43	1 26	26 45	5 37	0 29	0 4	10 37	0 40	4 58
M24	18 56	1n21	0n21	13 2	4 47	3 6	0 24	23 4	3 19	4 27	1 30	6 17	2 11	15 58	0 41	4 44	1 26	26 45	5 37	0 29	0 3	10 40	0 41	4 58
T 25	18 42	7 1	1 24	13 17	4 45	2 36	0 30	23 9	3 18	4 28	1 30	6 14	2 11	15 57	0 41	4 44	1 26	26 45	5 37	0 29	0 2	10 43	0 41	4 58
W26	18 27	12 25	2 23	13 34	4 41	2 7	0 35	23 14	3 18	4 28	1 30	6 12	2 11	15 56	0 41	4 45	1 26	26 46	5 37	0 29	0 1	10 46	0 42	4 58
T 27	18 12	17 23	3 16	13 53	4 35	1 37	0 41	23 19	3 18	4 28	1 30	6 9	2 11	15 55	0 41	4 45	1 26	26 46	5 37	0 28	0s 1	10 50	0 43	4 58
F 28	17 57	21 43	4 1	14 13	4 27	1 8	0 47	23 23	3 17	4 28	1 31	6 7	2 10	15 54	0 41	4 46	1 26	26 46	5 38	0 29	0 2	10 53	0 43	4 58
S 29	17 41	25 13	4 36	14 33	4 18	0 38	0 52	23 28	3 17	4 27	1 31	6 4	2 10	15 52	0 41	4 46	1 26	26 47	5 38	0 30	0 3	10 56	0 44	4 59
S 30	17 25	27 38	4 59	14 55	4 7	0 8	0 58	23 33	3 16	4 27	1 31	6 2	2 10	15 51	0 41	4 47	1 26	26 47	5 38	0 31	0 4	10 59	0 45	4 59
M31	17n 9	28n41	5n 8	15n17	3s54	0s21	1s 4	23s39	3s16	4n27	1s31	5n59	2n10	15n50	0n41	4s47	1s26	26s47	5s38	0s34	0s 6	11n 3	0s45	4n59

Julian Day Number = 2100368.5, Delta T = 21m29s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'17, Lahiri = 10°27'17 Julian Calendar 1 July 1038 == Greg. Calendar 7 July 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

AUGUST 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 59 29	13♌25'30	10♋25	4°R38	29♍25	1♐20	14°R46	20♍ 5	19♌ 9	21°R17	24°R55	28°R28	29♓43	23♈29	16°R30	T 1
W 2	21 3 25	14°23'20	23°52	4♌ 8	0♎25	1°47	14♈46	20°11	19°12	21♓16	24♑54	28♓21	29°39	23°36	16♓27	W 2
T 3	21 7 22	15°21'11	7♌40	3°45	1°24	2°14	14°45	20°18	19°16	21°14	24°52	28°14	29°36	23°42	16°25	T 3
F 4	21 11 18	16°19'04	21°45	3°28	2°22	2°41	14°44	20°24	19°20	21°13	24°51	28° 8	29°33	23°49	16°23	F 4
S 5	21 15 15	17°16'58	6♍ 3	3°19	3°21	3° 9	14°43	20°31	19°24	21°12	24°50	28° 5	29°30	23°56	16°21	S 5
S 6	21 19 11	18°14'54	20°29	3°D18	4°19	3°38	14°42	20°37	19°27	21°10	24°48	28° 3	29°27	24° 2	16°18	S 6
M 7	21 23 8	19°12'51	4♎56	3°25	5°16	4° 6	14°40	20°44	19°31	21° 9	24°47	28°D 3	29°24	24° 9	16°16	M 7
T 8	21 27 4	20°10'49	19°22	3°39	6°14	4°35	14°38	20°51	19°35	21° 8	24°46	28° 4	29°20	24°16	16°14	T 8
W 9	21 31 1	21° 8'49	3♏42	4° 2	7°10	5° 5	14°36	20°57	19°39	21° 6	24°45	28° 5	29°17	24°22	16°11	W 9
T 10	21 34 58	22° 6'50	17°53	4°33	8° 7	5°34	14°34	21° 4	19°42	21° 5	24°44	28°R 6	29°14	24°29	16° 9	T 10
F 11	21 38 54	23° 4'53	1♐55	5°12	9° 2	6° 5	14°32	21°11	19°46	21° 4	24°42	28° 6	29°11	24°36	16° 6	F 11
S 12	21 42 51	24° 2'57	15°45	5°59	9°58	6°35	14°29	21°18	19°50	21° 2	24°41	28° 4	29° 8	24°42	16° 4	S 12
S 13	21 46 47	25° 1'02	29°24	6°53	10°52	7° 6	14°27	21°24	19°54	21° 1	24°40	28° 1	29° 5	24°49	16° 1	S 13
M14	21 50 44	25°59'09	12♑50	7°55	11°47	7°37	14°24	21°31	19°57	20°59	24°39	27°57	29° 1	24°56	15°59	M14
T 15	21 54 40	26°57'18	26° 3	9° 3	12°40	8° 9	14°21	21°38	20° 1	20°58	24°38	27°52	28°58	25° 2	15°56	T 15
W16	21 58 37	27°55'28	9♒ 2	10°18	13°33	8°40	14°17	21°45	20° 5	20°56	24°37	27°47	28°55	25° 9	15°54	W16
T 17	22 2 33	28°53'39	21°48	11°38	14°26	9°13	14°14	21°52	20° 9	20°55	24°36	27°42	28°52	25°16	15°51	T 17
F 18	22 6 30	29°51'53	4♓19	13° 4	15°18	9°45	14°10	21°59	20°12	20°53	24°35	27°39	28°49	25°22	15°49	F 18
S 19	22 10 27	0♍50'08	16°38	14°35	16° 9	10°18	14° 6	22° 6	20°16	20°52	24°33	27°37	28°45	25°29	15°46	S 19
S 20	22 14 23	1°48'25	28°44	16°10	17° 0	10°51	14° 2	22°13	20°20	20°50	24°32	27°D37	28°42	25°35	15°43	S 20
M21	22 18 20	2°46'45	10♈42	17°49	17°50	11°24	13°58	22°20	20°23	20°49	24°31	27°38	28°39	25°42	15°41	M21
T 22	22 22 16	3°45'06	22°33	19°31	18°39	11°58	13°54	22°27	20°27	20°47	24°30	27°39	28°36	25°49	15°38	T 22
W23	22 26 13	4°43'29	4♉21	21°15	19°27	12°32	13°49	22°34	20°31	20°45	24°29	27°41	28°33	25°55	15°35	W23
T 24	22 30 9	5°41'55	16°11	23° 2	20°15	13° 6	13°45	22°42	20°34	20°44	24°28	27°42	28°30	26° 2	15°33	T 24
F 25	22 34 6	6°40'22	28° 7	24°51	21° 2	13°40	13°40	22°49	20°38	20°42	24°27	27°43	28°26	26° 9	15°30	F 25
S 26	22 38 2	7°38'52	10♊14	26°41	21°48	14°15	13°35	22°56	20°42	20°41	24°27	27°R44	28°23	26°15	15°27	S 26
S 27	22 41 59	8°37'24	22°37	28°32	22°33	14°50	13°29	23° 3	20°45	20°39	24°26	27°43	28°20	26°22	15°25	S 27
M28	22 45 56	9°35'59	5♋19	0♍24	23°18	15°25	13°24	23°10	20°49	20°37	24°25	27°41	28°17	26°29	15°22	M28
T 29	22 49 52	10°34'35	18°24	2°17	24° 1	16° 0	13°18	23°18	20°53	20°36	24°24	27°39	28°14	26°35	15°19	T 29
W30	22 53 49	11°33'14	1♌55	4° 9	24°44	16°36	13°13	23°25	20°56	20°34	24°23	27°37	28°10	26°42	15°17	W30
T 31	22 57 45	12♍31'55	15♌51	6♍ 1	25♎25	17♐12	13♈ 7	23♍32	21♌ 0	20♓32	24♑22	27♓35	28♓ 7	26♈49	15♓14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n53	28n10	5n 2	15n39	3s40	0s50	1s10	23s44	3s16	4n27	1s32	5n56	2n10	15n49	0n41	4s48	1s26	26s47	5s38	0s37	0s 7	11n 6	0s46	4n59
W 2	16 36	26 1	4 39	16 0	3 25	1 20	1 16	23 49	3 15	4 26	1 32	5 54	2 10	15 48	0 41	4 48	1 26	26 48	5 38	0 40	0 8	11 9	0 47	4 59
T 3	16 19	22 18	3 59	16 21	3 9	1 49	1 23	23 54	3 14	4 26	1 32	5 51	2 10	15 46	0 41	4 49	1 26	26 48	5 38	0 42	0 9	11 12	0 48	4 59
F 4	16 2	17 14	3 4	16 42	2 52	2 19	1 29	23 59	3 14	4 25	1 33	5 48	2 10	15 45	0 41	4 49	1 26	26 48	5 38	0 45	0 11	11 15	0 48	4 59
S 5	15 44	11 9	1 57	17 1	2 35	2 48	1 35	24 4	3 13	4 24	1 33	5 46	2 10	15 44	0 41	4 50	1 26	26 48	5 38	0 46	0 12	11 19	0 49	4 59
S 6	15 26	4 25	0 41	17 18	2 17	3 17	1 42	24 9	3 13	4 23	1 33	5 43	2 10	15 43	0 41	4 50	1 26	26 49	5 38	0 47	0 13	11 22	0 50	4 59
M 7	15 8	2s33	0s37	17 34	1 59	3 46	1 48	24 14	3 12	4 23	1 33	5 40	2 10	15 42	0 41	4 51	1 27	26 49	5 38	0 47	0 15	11 25	0 51	5 0
T 8	14 50	9 22	1 54	17 48	1 41	4 15	1 55	24 18	3 12	4 22	1 34	5 38	2 9	15 41	0 41	4 52	1 27	26 49	5 38	0 46	0 16	11 28	0 52	5 0
W 9	14 32	15 40	3 2	18 1	1 23	4 43	2 2	24 23	3 11	4 21	1 34	5 35	2 9	15 39	0 41	4 52	1 27	26 49	5 38	0 46	0 17	11 32	0 53	5 0
T 10	14 13	21 4	3 59	18 10	1 5	5 12	2 8	24 28	3 10	4 20	1 34	5 32	2 9	15 38	0 41	4 53	1 27	26 50	5 38	0 46	0 18	11 35	0 53	5 0
F 11	13 54	25 14	4 40	18 18	0 48	5 40	2 15	24 33	3 10	4 19	1 34	5 30	2 9	15 37	0 41	4 53	1 27	26 50	5 38	0 46	0 20	11 38	0 54	5 0
S 12	13 35	27 51	5 5	18 22	0 31	6 8	2 22	24 38	3 9	4 17	1 35	5 27	2 9	15 36	0 41	4 54	1 27	26 50	5 38	0 46	0 21	11 41	0 55	5 0
S 13	13 15	28 46	5 12	18 24	0 16	6 36	2 29	24 42	3 8	4 16	1 35	5 24	2 9	15 35	0 41	4 55	1 27	26 50	5 38	0 48	0 22	11 44	0 56	5 0
M14	12 55	27 57	5 2	18 23	0 0	7 4	2 36	24 47	3 8	4 15	1 35	5 21	2 9	15 33	0 41	4 55	1 27	26 51	5 38	0 49	0 23	11 48	0 57	5 0
T 15	12 36	25 33	4 35	18 19	0n14	7 32	2 43	24 51	3 7	4 13	1 35	5 18	2 9	15 32	0 41	4 56	1 27	26 51	5 38	0 51	0 25	11 51	0 58	5 0
W16	12 15	21 52	3 55	18 11	0 27	7 59	2 50	24 56	3 6	4 12	1 36	5 16	2 9	15 31	0 41	4 56	1 27	26 51	5 38	0 53	0 26	11 54	0 59	5 0
T 17	11 55	17 13	3 4	18 1	0 40	8 26	2 57	25 0	3 5	4 10	1 36	5 13	2 9	15 30	0 41	4 57	1 27	26 51	5 38	0 55	0 27	11 57	1 0	5 0
F 18	11 35	11 54	2 4	17 48	0 51	8 53	3 4	25 4	3 5	4 9	1 36	5 10	2 9	15 29	0 41	4 58	1 27	26 51	5 38	0 56	0 29	12 0	1 1	5 0
S 19	11 14	6 14	1 0	17 31	1 1	9 20	3 12	25 9	3 4	4 7	1 36	5 7	2 9	15 28	0 41	4 58	1 27	26 51	5 38	0 57	0 30	12 4	1 2	5 0
S 20	10 53	0 25	0n 6	17 12	1 11	9 46	3 19	25 13	3 3	4 5	1 36	5 4	2 9	15 26	0 41	4 59	1 27	26 52	5 38	0 57	0 31	12 7	1 3	5 0
M21	10 32	5n21	1 11	16 50	1 19	10 12	3 26	25 17	3 2	4 3	1 37	5 2	2 9	15 25	0 41	5 0	1 27	26 52	5 38	0 57	0 32	12 10	1 4	5 0
T 22	10 11	10 53	2 13	16 24	1 26	10 38	3 33	25 21	3 2	4 1	1 37	4 59	2 9	15 24	0 41	5 0	1 27	26 52	5 38	0 56	0 34	12 13	1 5	5 0
W23	9 50	16 0	3 9	15 57	1 32	11 3	3 41	25 24	3 1	3 59	1 37	4 56	2 9	15 23	0 41	5 1	1 27	26 52	5 38	0 56	0 35	12 16	1 6	5 0
T 24	9 28	20 33	3 57	15 26	1 37	11 28	3 48	25 28	3 0	3 57	1 37	4 53	2 9	15 22	0 41	5 1	1 27	26 52	5 38	0 55	0 36	12 20	1 7	5 0
F 25	9 7	24 18	4 35	14 54	1 42	11 53	3 56	25 31	2 59	3 55	1 38	4 50	2 9	15 21	0 41	5 2	1 27	26 52	5 38	0 55	0 37	12 23	1 8	5 0
S 26	8 45	27 4	5 1	14 19	1 45	12 17	4 3	25 35	2 58	3 53	1 38	4 47	2 9	15 19	0 41	5 3	1 27	26 53	5 38	0 55	0 39	12 26	1 9	5 0
S 27	8 23	28 36	5 15	13 43	1 47	12 41	4 10	25 38	2 57	3 51	1 38	4 44	2 9	15 18	0 41	5 3	1 27	26 53	5 37	0 55	0 40	12 29	1 10	5 0
M28	8 1	28 40	5 13	13 5	1 49	13 5	4 18	25 41	2 56	3 49	1 38	4 41	2 9	15 17	0 41	5 4	1 27	26 53	5 37	0 55	0 41	12 32	1 11	5 0
T 29	7 38	27 10	4 55	12 25	1 50	13 28	4 25	25 44	2 56	3 46	1 38	4 39	2 9	15 16	0 41	5 5	1 27	26 53	5 37	0 56	0 43	12 35	1 12	5 0
W30	7 16	24 5	4 21	11 44	1 50	13 51	4 33	25 47	2 55	3 44	1 38	4 36	2 9	15 15	0 41	5 5	1 27	26 53	5 37	0 57	0 44	12 39	1 13	5 0
T 31	6n54	19n31	3n31	11n 2	1n49	14s13	4s40	25s50	2s54	3n41	1s39	4n33	2n 9	15n14	0n42	5s 6	1s27	26s53	5s37	0s58	0s45	12n42	1s14	5n 0

Julian Day Number = 2100399.5, Delta T = 21m28s
Ecliptic obliquity = 23°33'59, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'21, Lahiri = 10°27'21 Julian Calendar 1 Aug. 1038 == Greg. Calendar 7 Aug. 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

SEPTEMBER 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 1 42	13♍30'38	0♍ 9	7♍53	26♎ 6	17♐48	13°R 1	23♍39	21♌ 3	20°R31	24°R21	27°R33	28♓ 4	26♈55	15°R11	F 1
S 2	23 5 38	14°29'23	14°46	9°45	26°45	18°24	12♈55	23°47	21° 7	20♓29	24♑21	27♓33	28° 1	27° 2	15♓ 8	S 2
S 3	23 9 35	15°28'10	29°35	11°36	27°24	19° 1	12°48	23°54	21°10	20°28	24°20	27°D32	27°58	27° 9	15° 6	S 3
M 4	23 13 31	16°26'59	14♎28	13°27	28° 1	19°38	12°42	24° 1	21°14	20°26	24°19	27°33	27°55	27°15	15° 3	M 4
T 5	23 17 28	17°25'50	29°18	15°17	28°37	20°15	12°35	24° 9	21°17	20°24	24°18	27°33	27°51	27°22	15° 0	T 5
W 6	23 21 24	18°24'43	13♏58	17° 6	29°11	20°52	12°29	24°16	21°21	20°23	24°18	27°34	27°48	27°29	14°57	W 6
T 7	23 25 21	19°23'38	28°24	18°54	29°45	21°29	12°22	24°23	21°24	20°21	24°17	27°35	27°45	27°35	14°55	T 7
F 8	23 29 18	20°22'34	12♐31	20°42	0♏17	22° 7	12°15	24°31	21°28	20°19	24°16	27°35	27°42	27°42	14°52	F 8
S 9	23 33 14	21°21'33	26°19	22°29	0°47	22°45	12° 8	24°38	21°31	20°18	24°16	27°R35	27°39	27°49	14°49	S 9
S 10	23 37 11	22°20'33	9♑48	24°15	1°16	23°23	12° 1	24°45	21°34	20°16	24°15	27°35	27°36	27°55	14°46	S 10
M11	23 41 7	23°19'35	22°58	26° 0	1°44	24° 1	11°53	24°53	21°38	20°14	24°15	27°35	27°32	28° 2	14°44	M11
T 12	23 45 4	24°18'38	5♒52	27°44	2°10	24°40	11°46	25° 0	21°41	20°13	24°14	27°34	27°29	28° 9	14°41	T 12
W13	23 49 0	25°17'44	18°31	29°27	2°34	25°18	11°39	25° 7	21°44	20°11	24°13	27°34	27°26	28°15	14°38	W13
T 14	23 52 57	26°16'51	0♓57	1♎ 9	2°57	25°57	11°31	25°15	21°48	20° 9	24°13	27°34	27°23	28°22	14°36	T 14
F 15	23 56 53	27°16'00	13°12	2°51	3°17	26°36	11°23	25°22	21°51	20° 8	24°12	27°D34	27°20	28°29	14°33	F 15
S 16	0 0 50	28°15'11	25°17	4°32	3°36	27°15	11°16	25°29	21°54	20° 6	24°12	27°R34	27°16	28°35	14°30	S 16
S 17	0 4 47	29°14'25	7♈16	6°12	3°53	27°54	11° 8	25°37	21°57	20° 4	24°12	27°34	27°13	28°42	14°28	S 17
M18	0 8 43	0♎13'40	19° 8	7°51	4° 8	28°34	11° 0	25°44	22° 0	20° 3	24°11	27°33	27°10	28°49	14°25	M18
T 19	0 12 40	1°12'58	0♉58	9°29	4°21	29°13	10°52	25°51	22° 3	20° 1	24°11	27°33	27° 7	28°55	14°23	T 19
W20	0 16 36	2°12'18	12°46	11° 7	4°32	29°53	10°44	25°59	22° 6	19°59	24°11	27°32	27° 4	29° 2	14°20	W20
T 21	0 20 33	3°11'40	24°37	12°44	4°41	0♑33	10°36	26° 6	22°10	19°58	24°10	27°32	27° 1	29° 9	14°17	T 21
F 22	0 24 29	4°11'04	6♊33	14°20	4°47	1°13	10°28	26°13	22°13	19°56	24°10	27°31	26°57	29°15	14°15	F 22
S 23	0 28 26	5°10'31	18°39	15°55	4°51	1°53	10°20	26°21	22°16	19°55	24°10	27°30	26°54	29°22	14°12	S 23
S 24	0 32 22	6°10'00	0♋59	17°30	4°R53	2°33	10°12	26°28	22°19	19°53	24° 9	27°D30	26°51	29°29	14°10	S 24
M25	0 36 19	7° 9'32	13°36	19° 4	4°53	3°13	10° 4	26°35	22°21	19°51	24° 9	27°30	26°48	29°35	14° 7	M25
T 26	0 40 16	8° 9'06	26°35	20°38	4°50	3°54	9°56	26°43	22°24	19°50	24° 9	27°30	26°45	29°42	14° 5	T 26
W27	0 44 12	9° 8'42	10♌ 0	22°10	4°45	4°34	9°48	26°50	22°27	19°48	24° 9	27°31	26°42	29°49	14° 3	W27
T 28	0 48 9	10° 8'21	23°51	23°42	4°38	5°15	9°40	26°57	22°30	19°47	24° 9	27°32	26°38	29°55	14° 0	T 28
F 29	0 52 5	11° 8'01	8♍ 9	25°14	4°28	5°56	9°32	27° 4	22°33	19°45	24° 9	27°33	26°35	0♉ 2	13°58	F 29
S 30	0 56 2	12♎ 7'44	22♍51	26♎45	4♏16	6♑37	9♈24	27♍12	22♌36	19♓44	24♑ 9	27°R34	26♓32	0♉ 9	13♓56	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n31	13n45	2n26	10n19	1n48	14s35	4s48	25s52	2s53	3n39	1s39	4n30	2n 9	15n13	0n42	5s 7	1s27	26s53	5s37	0s59	0s46	12n45	1s15	5n 0
S 2	6 8	7 6	1 10	9 35	1 46	14 57	4 55	25 55	2 52	3 36	1 39	4 27	2 9	15 12	0 42	5 7	1 27	26 53	5 37	0 59	0 48	12 48	1 17	5 0
S 3	5 45	0s 0	0s11	8 50	1 44	15 18	5 2	25 57	2 51	3 34	1 39	4 24	2 9	15 10	0 42	5 8	1 27	26 54	5 37	0 59	0 49	12 51	1 18	5 0
M 4	5 23	7 9	1 33	8 5	1 41	15 38	5 10	25 59	2 50	3 31	1 39	4 21	2 9	15 9	0 42	5 9	1 27	26 54	5 37	0 59	0 50	12 54	1 19	5 0
T 5	4 59	13 53	2 47	7 19	1 37	15 58	5 17	26 1	2 49	3 28	1 39	4 18	2 9	15 8	0 42	5 9	1 27	26 54	5 37	0 59	0 51	12 57	1 20	5 0
W 6	4 36	19 46	3 50	6 33	1 34	16 17	5 24	26 3	2 48	3 26	1 40	4 15	2 9	15 7	0 42	5 10	1 27	26 54	5 37	0 58	0 53	13 1	1 21	5 0
T 7	4 13	24 25	4 37	5 47	1 29	16 36	5 31	26 4	2 47	3 23	1 40	4 12	2 9	15 6	0 42	5 11	1 27	26 54	5 37	0 58	0 54	13 4	1 22	5 0
F 8	3 50	27 29	5 6	5 0	1 25	16 54	5 38	26 6	2 46	3 20	1 40	4 9	2 9	15 5	0 42	5 11	1 27	26 54	5 37	0 58	0 55	13 7	1 23	5 0
S 9	3 27	28 48	5 17	4 13	1 20	17 11	5 45	26 7	2 45	3 17	1 40	4 7	2 9	15 4	0 42	5 12	1 27	26 54	5 37	0 58	0 56	13 10	1 24	5 0
S 10	3 3	28 21	5 10	3 27	1 15	17 28	5 52	26 8	2 44	3 14	1 40	4 4	2 9	15 3	0 42	5 13	1 27	26 54	5 37	0 58	0 58	13 13	1 25	4 59
M11	2 40	26 19	4 47	2 40	1 10	17 44	5 59	26 9	2 43	3 11	1 40	4 1	2 9	15 2	0 42	5 13	1 27	26 54	5 37	0 58	0 59	13 16	1 27	4 59
T 12	2 16	22 56	4 9	1 53	1 4	18 0	6 6	26 10	2 42	3 8	1 40	3 58	2 9	15 1	0 42	5 14	1 27	26 54	5 37	0 58	1 0	13 19	1 28	4 59
W13	1 53	18 32	3 20	1 7	0 58	18 14	6 12	26 10	2 41	3 5	1 40	3 55	2 9	15 0	0 42	5 15	1 27	26 54	5 37	0 58	1 2	13 23	1 29	4 59
T 14	1 29	13 25	2 23	0 20	0 52	18 28	6 18	26 10	2 40	3 2	1 40	3 52	2 9	14 59	0 42	5 15	1 27	26 54	5 37	0 59	1 3	13 26	1 30	4 59
F 15	1 6	7 51	1 19	0s26	0 46	18 41	6 25	26 10	2 39	2 59	1 40	3 49	2 9	14 58	0 42	5 16	1 27	26 54	5 36	0 59	1 4	13 29	1 31	4 59
S 16	0 42	2 4	0 13	1 12	0 40	18 53	6 31	26 10	2 38	2 56	1 40	3 46	2 9	14 57	0 42	5 17	1 27	26 54	5 36	0 59	1 5	13 32	1 32	4 59
S 17	0 18	3n43	0n54	1 58	0 33	19 5	6 36	26 10	2 37	2 53	1 41	3 43	2 9	14 56	0 42	5 17	1 27	26 54	5 36	0 59	1 7	13 35	1 33	4 59
M18	0s 5	9 20	1 57	2 43	0 27	19 15	6 42	26 10	2 36	2 50	1 41	3 40	2 9	14 55	0 42	5 18	1 27	26 54	5 36	0 59	1 8	13 38	1 34	4 59
T 19	0 29	14 36	2 55	3 28	0 20	19 24	6 47	26 9	2 35	2 47	1 41	3 38	2 9	14 54	0 42	5 19	1 27	26 54	5 36	0 59	1 9	13 41	1 36	4 58
W20	0 53	19 20	3 46	4 13	0 13	19 33	6 52	26 8	2 34	2 44	1 41	3 35	2 9	14 53	0 42	5 19	1 27	26 54	5 36	0 59	1 10	13 44	1 37	4 58
T 21	1 17	23 20	4 27	4 57	0 7	19 40	6 57	26 7	2 33	2 41	1 41	3 32	2 9	14 52	0 42	5 20	1 27	26 54	5 36	0 59	1 12	13 47	1 38	4 58
F 22	1 40	26 23	4 56	5 41	0s 0	19 47	7 1	26 5	2 32	2 37	1 41	3 29	2 9	14 51	0 42	5 20	1 27	26 54	5 36	1 0	1 13	13 50	1 39	4 58
S 23	2 4	28 17	5 13	6 24	0 7	19 52	7 5	26 4	2 31	2 34	1 41	3 26	2 9	14 50	0 42	5 21	1 27	26 54	5 36	1 0	1 14	13 54	1 40	4 58
S 24	2 28	28 50	5 17	7 7	0 14	19 56	7 8	26 2	2 30	2 31	1 41	3 23	2 9	14 49	0 42	5 22	1 27	26 54	5 36	1 0	1 16	13 57	1 41	4 58
M25	2 51	27 55	5 5	7 50	0 21	19 59	7 12	26 0	2 29	2 28	1 41	3 20	2 9	14 48	0 42	5 22	1 27	26 54	5 36	1 0	1 17	14 0	1 42	4 58
T 26	3 15	25 29	4 37	8 32	0 28	20 0	7 14	25 58	2 27	2 25	1 41	3 17	2 9	14 47	0 42	5 23	1 27	26 54	5 36	1 0	1 18	14 3	1 43	4 57
W27	3 39	21 35	3 54	9 13	0 35	20 0	7 16	25 55	2 26	2 22	1 41	3 15	2 9	14 46	0 42	5 24	1 27	26 54	5 36	0 59	1 19	14 6	1 44	4 57
T 28	4 2	16 25	2 56	9 54	0 42	19 59	7 18	25 53	2 25	2 18	1 41	3 12	2 10	14 45	0 42	5 24	1 27	26 54	5 36	0 59	1 21	14 9	1 45	4 57
F 29	4 26	10 11	1 46	10 34	0 48	19 57	7 19	25 50	2 24	2 15	1 41	3 9	2 10	14 44	0 42	5 25	1 27	26 54	5 35	0 59	1 22	14 12	1 46	4 57
S 30	4s49	3n15	0n26	11s13	0s55	19s53	7s20	25s47	2s23	2n12	1s41	3n 6	2n10	14n43	0n42	5s25	1s27	26s54	5s35	0s58	1s23	14n15	1s48	4n57

Julian Day Number = 2100430.5, Delta T = 21m28s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'25, Lahiri = 10°27'26 Julian Calendar 1 Sept. 1038 == Greg. Calendar 7 Sept. 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

OCTOBER 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 59 58	13♎ 7'29	7♎51	28♎15	4°R 1	7♏18	9°R15	27♍19	22♌38	19°R42	24°R 9	27°R34	26♓29	0♉15	13°R53	S 1
M 2	1 3 55	14° 7'16	23° 1	29°45	3♏44	8° 0	9♈ 7	27°26	22°41	19♓41	24°D 9	27♓33	26°26	0°22	13♓51	M 2
T 3	1 7 51	15° 6'06	8♏12	1♏14	3°25	8°41	8°59	27°33	22°44	19°39	24♏ 9	27°31	26°22	0°29	13°49	T 3
W 4	1 11 48	16° 6'57	23°13	2°42	3° 3	9°23	8°51	27°40	22°46	19°38	24° 9	27°29	26°19	0°35	13°46	W 4
T 5	1 15 45	17° 6'50	7♐58	4°10	2°40	10° 4	8°43	27°47	22°49	19°36	24° 9	27°26	26°16	0°42	13°44	T 5
F 6	1 19 41	18° 6'44	22°19	5°37	2°14	10°46	8°35	27°54	22°51	19°35	24° 9	27°24	26°13	0°49	13°42	F 6
S 7	1 23 38	19° 6'41	6♑15	7° 3	1°46	11°28	8°28	28° 1	22°54	19°34	24° 9	27°22	26°10	0°55	13°40	S 7
S 8	1 27 34	20° 6'39	19°45	8°29	1°17	12°10	8°20	28° 9	22°56	19°32	24° 9	27°D22	26° 7	1° 2	13°38	S 8
M 9	1 31 31	21° 6'39	2♒50	9°54	0°46	12°52	8°12	28°15	22°59	19°31	24° 9	27°22	26° 3	1° 9	13°36	M 9
T 10	1 35 27	22° 6'40	15°34	11°18	0°13	13°34	8° 4	28°22	23° 1	19°29	24° 9	27°23	26° 0	1°15	13°34	T 10
W11	1 39 24	23° 6'43	28° 0	12°41	29♎39	14°16	7°57	28°29	23° 3	19°28	24°10	27°25	25°57	1°22	13°32	W11
T 12	1 43 20	24° 6'47	10♓13	14° 4	29° 4	14°58	7°49	28°36	23° 6	19°27	24°10	27°27	25°54	1°29	13°30	T 12
F 13	1 47 17	25° 6'53	22°15	15°25	28°29	15°41	7°42	28°43	23° 8	19°25	24°10	27°R28	25°51	1°35	13°28	F 13
S 14	1 51 14	26° 7'01	4♈11	16°46	27°53	16°23	7°35	28°50	23°10	19°24	24°11	27°28	25°47	1°42	13°26	S 14
S 15	1 55 10	27° 7'11	16° 2	18° 5	27°16	17° 6	7°27	28°57	23°12	19°23	24°11	27°26	25°44	1°49	13°25	S 15
M16	1 59 7	28° 7'23	27°52	19°23	26°40	17°48	7°20	29° 4	23°14	19°22	24°11	27°23	25°41	1°55	13°23	M16
T 17	2 3 3	29° 7'36	9♉41	20°40	26° 3	18°31	7°13	29°10	23°16	19°21	24°12	27°18	25°38	2° 2	13°21	T 17
W18	2 7 0	0♏ 7'51	21°33	21°56	25°27	19°14	7° 6	29°17	23°18	19°19	24°12	27°13	25°35	2° 9	13°19	W18
T 19	2 10 56	1° 8'09	3♊28	23°10	24°52	19°56	7° 0	29°24	23°20	19°18	24°13	27° 6	25°32	2°15	13°18	T 19
F 20	2 14 53	2° 8'28	15°29	24°22	24°18	20°39	6°53	29°30	23°22	19°17	24°13	27° 0	25°28	2°22	13°16	F 20
S 21	2 18 49	3° 8'49	27°38	25°32	23°44	21°22	6°47	29°37	23°24	19°16	24°14	26°54	25°25	2°29	13°15	S 21
S 22	2 22 46	4° 9'12	9♋59	26°40	23°13	22° 5	6°40	29°43	23°26	19°15	24°14	26°50	25°22	2°36	13°13	S 22
M23	2 26 43	5° 9'37	22°34	27°45	22°42	22°48	6°34	29°50	23°28	19°14	24°15	26°47	25°19	2°42	13°12	M23
T 24	2 30 39	6°10'04	5♌27	28°47	22°14	23°32	6°28	29°56	23°29	19°13	24°15	26°D46	25°16	2°49	13°10	T 24
W25	2 34 36	7°10'33	18°42	29°47	21°47	24°15	6°22	0♎ 3	23°31	19°12	24°16	26°47	25°13	2°56	13° 9	W25
T 26	2 38 32	8°11'03	2♍21	0♐42	21°23	24°58	6°16	0° 9	23°33	19°11	24°17	26°48	25° 9	3° 2	13° 8	T 26
F 27	2 42 29	9°11'36	16°26	1°34	21° 0	25°41	6°11	0°15	23°34	19°10	24°17	26°50	25° 6	3° 9	13° 7	F 27
S 28	2 46 25	10°12'10	0♎57	2°21	20°40	26°25	6° 5	0°21	23°36	19° 9	24°18	26°R50	25° 3	3°16	13° 5	S 28
S 29	2 50 22	11°12'47	15°51	3° 3	20°22	27° 8	6° 0	0°28	23°37	19° 8	24°19	26°48	25° 0	3°22	13° 4	S 29
M30	2 54 18	12°13'24	1♏ 1	3°39	20° 7	27°52	5°55	0°34	23°38	19° 7	24°20	26°45	24°57	3°29	13° 3	M30
T 31	2 58 15	13♏14'04	16♏18	4♐ 8	19♎54	28♑35	5♈50	0♎40	23♌40	19♓ 6	24♑20	26♓39	24♓53	3♉36	13♓ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s13	4s 0	0s57	11s52	1s 2	19s48	7s19	25s43	2s22	2n 9	1s40	3n 3	2n10	14n42	0n42	5s26	1s27	26s54	5s35	0s58	1s24	14n18	1s49	4n57
M 2	5 36	11 6	2 16	12 31	1 9	19 41	7 19	25 40	2 21	2 6	1 40	3 1	2 10	14 42	0 42	5 27	1 27	26 54	5 35	0 59	1 26	14 21	1 50	4 56
T 3	5 59	17 34	3 26	13 8	1 15	19 33	7 17	25 36	2 20	2 3	1 40	2 58	2 10	14 41	0 42	5 27	1 27	26 54	5 35	1 0	1 27	14 24	1 51	4 56
W 4	6 22	22 53	4 21	13 45	1 22	19 23	7 15	25 32	2 18	2 0	1 40	2 55	2 10	14 40	0 42	5 28	1 27	26 53	5 35	1 1	1 28	14 27	1 52	4 56
T 5	6 45	26 39	4 57	14 21	1 28	19 12	7 12	25 28	2 17	1 57	1 40	2 52	2 10	14 39	0 42	5 28	1 27	26 53	5 35	1 2	1 29	14 30	1 53	4 56
F 6	7 8	28 34	5 14	14 56	1 34	19 0	7 8	25 23	2 16	1 54	1 40	2 50	2 10	14 38	0 42	5 29	1 27	26 53	5 35	1 2	1 31	14 33	1 54	4 56
S 7	7 31	28 36	5 12	15 31	1 40	18 46	7 4	25 19	2 15	1 51	1 40	2 47	2 10	14 38	0 43	5 29	1 27	26 53	5 35	1 3	1 32	14 36	1 55	4 55
S 8	7 54	26 55	4 52	16 5	1 46	18 30	6 58	25 14	2 14	1 48	1 40	2 44	2 10	14 37	0 43	5 30	1 27	26 53	5 35	1 3	1 33	14 39	1 56	4 55
M 9	8 17	23 48	4 17	16 37	1 52	18 13	6 52	25 9	2 13	1 45	1 40	2 41	2 11	14 36	0 43	5 30	1 27	26 53	5 35	1 3	1 35	14 43	1 57	4 55
T 10	8 39	19 36	3 31	17 9	1 57	17 55	6 45	25 3	2 12	1 42	1 40	2 39	2 11	14 35	0 43	5 31	1 27	26 53	5 35	1 3	1 36	14 46	1 58	4 55
W11	9 2	14 39	2 35	17 40	2 3	17 35	6 37	24 57	2 10	1 39	1 39	2 36	2 11	14 35	0 43	5 31	1 27	26 53	5 34	1 2	1 37	14 49	1 59	4 54
T 12	9 24	9 13	1 33	18 10	2 8	17 15	6 29	24 52	2 9	1 36	1 39	2 33	2 11	14 34	0 43	5 32	1 27	26 53	5 34	1 1	1 38	14 52	2 0	4 54
F 13	9 46	3 31	0 29	18 40	2 13	16 53	6 19	24 46	2 8	1 33	1 39	2 31	2 11	14 33	0 43	5 32	1 27	26 52	5 34	1 1	1 40	14 55	2 0	4 54
S 14	10 8	2n14	0n37	19 7	2 17	16 30	6 9	24 39	2 7	1 30	1 39	2 28	2 11	14 32	0 43	5 33	1 27	26 52	5 34	1 1	1 41	14 58	2 1	4 54
S 15	10 30	7 53	1 40	19 34	2 22	16 7	5 58	24 33	2 6	1 28	1 39	2 26	2 11	14 32	0 43	5 33	1 27	26 52	5 34	1 1	1 42	15 1	2 2	4 54
M16	10 52	13 14	2 39	20 0	2 26	15 42	5 46	24 26	2 4	1 25	1 39	2 23	2 11	14 31	0 43	5 34	1 27	26 52	5 34	1 3	1 43	15 4	2 3	4 53
T 17	11 13	18 7	3 31	20 25	2 29	15 17	5 34	24 19	2 3	1 22	1 39	2 20	2 12	14 30	0 43	5 34	1 27	26 52	5 34	1 5	1 45	15 7	2 4	4 53
W18	11 35	22 19	4 13	20 48	2 33	14 52	5 21	24 12	2 2	1 20	1 38	2 18	2 12	14 30	0 43	5 35	1 27	26 52	5 34	1 7	1 46	15 10	2 5	4 53
T 19	11 56	25 37	4 45	21 10	2 35	14 27	5 8	24 4	2 1	1 17	1 38	2 15	2 12	14 29	0 43	5 35	1 27	26 52	5 34	1 9	1 47	15 13	2 6	4 53
F 20	12 17	27 49	5 5	21 31	2 38	14 1	4 54	23 56	2 0	1 15	1 38	2 13	2 12	14 29	0 43	5 35	1 27	26 51	5 34	1 12	1 48	15 16	2 7	4 52
S 21	12 38	28 43	5 11	21 50	2 40	13 35	4 40	23 49	1 59	1 13	1 38	2 10	2 12	14 28	0 43	5 36	1 27	26 51	5 34	1 14	1 50	15 19	2 7	4 52
S 22	12 58	28 13	5 3	22 7	2 41	13 10	4 25	23 40	1 57	1 10	1 38	2 8	2 12	14 27	0 43	5 36	1 27	26 51	5 34	1 16	1 51	15 22	2 8	4 52
M23	13 19	26 16	4 40	22 23	2 42	12 45	4 10	23 32	1 56	1 8	1 37	2 5	2 12	14 27	0 43	5 37	1 27	26 51	5 33	1 17	1 52	15 25	2 9	4 52
T 24	13 39	22 56	4 3	22 38	2 42	12 20	3 55	23 24	1 55	1 6	1 37	2 3	2 13	14 26	0 43	5 37	1 27	26 51	5 33	1 17	1 54	15 28	2 10	4 51
W25	13 59	18 20	3 12	22 50	2 42	11 56	3 40	23 15	1 54	1 4	1 37	2 1	2 13	14 26	0 43	5 37	1 27	26 50	5 33	1 17	1 55	15 31	2 11	4 51
T 26	14 19	12 42	2 9	23 1	2 40	11 32	3 25	23 6	1 53	1 1	1 37	1 58	2 13	14 25	0 43	5 38	1 27	26 50	5 33	1 17	1 56	15 34	2 11	4 51
F 27	14 38	6 14	0 56	23 10	2 38	11 9	3 9	22 57	1 51	0 59	1 36	1 56	2 13	14 25	0 43	5 38	1 27	26 50	5 33	1 16	1 57	15 37	2 12	4 50
S 28	14 57	0s43	0s22	23 17	2 35	10 48	2 54	22 47	1 50	0 57	1 36	1 53	2 13	14 24	0 43	5 38	1 26	26 50	5 33	1 16	1 59	15 40	2 13	4 50
S 29	15 16	7 49	1 41	23 21	2 31	10 27	2 39	22 37	1 49	0 56	1 36	1 51	2 13	14 24	0 43	5 39	1 26	26 50	5 33	1 17	2 0	15 42	2 13	4 50
M30	15 35	14 36	2 54	23 23	2 26	10 7	2 23	22 28	1 48	0 54	1 36	1 49	2 13	14 24	0 43	5 39	1 26	26 49	5 33	1 18	2 1	15 45	2 14	4 50
T 31	15s54	20s33	3s55	23s23	2s20	9s48	2s 8	22s18	1s47	0n52	1s35	1n47	2n14	14n23	0n43	5s39	1s26	26s49	5s33	1s20	2s 2	15n48	2s15	4n49

Julian Day Number = 2100460.5, Delta T = 21m27s
Ecliptic obliquity = 23°34'00, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'29, Lahiri = 10°27'30 Julian Calendar 1 Oct. 1038 == Greg. Calendar 7 Oct. 1038

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1038
geocentric

NOVEMBER 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 2 12	14♏14'45	1♐30	4♐30	19°R43	29♑19	5°R45	0♎46	23♌41	19°R 6	24♑21	26°R32	24♓50	3♉42	13°R 1	W 1
T 2	3 6 8	15°15'28	16°29	4°45	19♎35	0♒ 3	5♈40	0°52	23°42	19♓ 5	24°22	26♓24	24°47	3°49	13♓ 0	T 2
F 3	3 10 5	16°16'11	1♑ 5	4°R50	19°30	0°46	5°36	0°58	23°43	19° 4	24°23	26°17	24°44	3°56	12°59	F 3
S 4	3 14 1	17°16'56	15°13	4°46	19°26	1°30	5°32	1° 4	23°45	19° 3	24°24	26°11	24°41	4° 2	12°58	S 4
S 5	3 17 58	18°17'42	28°51	4°32	19°D26	2°14	5°28	1° 9	23°46	19° 3	24°25	26° 6	24°38	4° 9	12°58	S 5
M 6	3 21 54	19°18'29	12♒ 0	4° 7	19°27	2°58	5°24	1°15	23°47	19° 2	24°26	26° 4	24°34	4°16	12°57	M 6
T 7	3 25 51	20°19'17	24°44	3°31	19°32	3°42	5°20	1°21	23°48	19° 2	24°27	26°D 4	24°31	4°22	12°56	T 7
W 8	3 29 47	21°20'06	7♓ 7	2°45	19°38	4°25	5°17	1°26	23°49	19° 1	24°28	26° 5	24°28	4°29	12°56	W 8
T 9	3 33 44	22°20'56	19°14	1°48	19°47	5° 9	5°13	1°32	23°49	19° 0	24°29	26° 6	24°25	4°36	12°55	T 9
F 10	3 37 41	23°21'47	1♈11	0°42	19°58	5°53	5°10	1°37	23°50	19° 0	24°30	26°R 6	24°22	4°42	12°55	F 10
S 11	3 41 37	24°22'39	13° 1	29♏28	20°11	6°37	5° 7	1°43	23°51	18°59	24°31	26° 4	24°19	4°49	12°54	S 11
S 12	3 45 34	25°23'32	24°49	28° 9	20°26	7°21	5° 5	1°48	23°52	18°59	24°32	26° 0	24°15	4°56	12°54	S 12
M13	3 49 30	26°24'26	6♉38	26°47	20°43	8° 5	5° 2	1°53	23°52	18°59	24°33	25°53	24°12	5° 2	12°53	M13
T 14	3 53 27	27°25'21	18°30	25°24	21° 3	8°50	5° 0	1°59	23°53	18°58	24°34	25°44	24° 9	5° 9	12°53	T 14
W15	3 57 23	28°26'17	0♊27	24° 4	21°24	9°34	4°58	2° 4	23°53	18°58	24°35	25°32	24° 6	5°16	12°53	W15
T 16	4 1 20	29°27'14	12°31	22°49	21°47	10°18	4°56	2° 9	23°54	18°58	24°37	25°20	24° 3	5°22	12°53	T 16
F 17	4 5 16	0♐28'12	24°43	21°41	22°12	11° 2	4°54	2°14	23°54	18°57	24°38	25° 7	23°59	5°29	12°53	F 17
S 18	4 9 13	1°29'11	7♋ 3	20°43	22°39	11°46	4°53	2°19	23°55	18°57	24°39	24°56	23°56	5°36	12°53	S 18
S 19	4 13 10	2°30'12	19°33	19°55	23° 8	12°30	4°52	2°24	23°55	18°57	24°40	24°46	23°53	5°42	12°D53	S 19
M20	4 17 6	3°31'13	2♌14	19°18	23°38	13°14	4°51	2°28	23°55	18°57	24°42	24°39	23°50	5°49	12°53	M20
T 21	4 21 3	4°32'15	15° 9	18°53	24° 9	13°59	4°50	2°33	23°55	18°56	24°43	24°35	23°47	5°56	12°53	T 21
W22	4 24 59	5°33'19	28°20	18°39	24°43	14°43	4°49	2°38	23°55	18°56	24°44	24°33	23°44	6° 3	12°53	W22
T 23	4 28 56	6°34'23	11♍50	18°D35	25°17	15°27	4°49	2°42	23°56	18°56	24°45	24°D33	23°40	6° 9	12°53	T 23
F 24	4 32 52	7°35'29	25°41	18°42	25°54	16°11	4°D49	2°47	23°R56	18°56	24°47	24°R33	23°37	6°16	12°53	F 24
S 25	4 36 49	8°36'35	9♎54	18°57	26°31	16°56	4°49	2°51	23°56	18°D56	24°48	24°33	23°34	6°23	12°54	S 25
S 26	4 40 45	9°37'43	24°29	19°22	27°10	17°40	4°49	2°55	23°55	18°56	24°50	24°30	23°31	6°29	12°54	S 26
M27	4 44 42	10°38'51	9♏21	19°53	27°50	18°24	4°49	3° 0	23°55	18°56	24°51	24°24	23°28	6°36	12°55	M27
T 28	4 48 39	11°40'01	24°24	20°32	28°31	19° 8	4°50	3° 4	23°55	18°56	24°52	24°15	23°25	6°43	12°55	T 28
W29	4 52 35	12°41'11	9♐29	21°17	29°14	19°53	4°51	3° 8	23°55	18°57	24°54	24° 4	23°21	6°49	12°56	W29
T 30	4 56 32	13♐42'21	24♐26	22♏ 7	29♎57	20♒37	4♈52	3♎12	23♌54	18♓57	24♑55	23♓52	23♓18	6♉56	12♓56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s12	25s 7	4s39	23s19	2s12	9s30	1s54	22s 7	1s45	0n50	1s35	1n44	2n14	14n23	0n43	5s40	1s26	26s49	5s33	1s23	2s 4	15n51	2s15	4n49
T 2	16 30	27 54	5 3	23 13	2 4	9 14	1 39	21 57	1 44	0 49	1 35	1 42	2 14	14 22	0 44	5 40	1 26	26 49	5 33	1 26	2 5	15 54	2 16	4 49
F 3	16 48	28 40	5 6	23 4	1 53	8 58	1 25	21 46	1 43	0 47	1 35	1 40	2 14	14 22	0 44	5 40	1 26	26 49	5 33	1 29	2 6	15 57	2 17	4 48
S 4	17 5	27 30	4 51	22 52	1 41	8 44	1 11	21 35	1 42	0 46	1 34	1 38	2 14	14 22	0 44	5 40	1 26	26 48	5 33	1 32	2 7	16 0	2 17	4 48
S 5	17 22	24 43	4 19	22 36	1 28	8 31	0 57	21 24	1 41	0 44	1 34	1 36	2 15	14 21	0 44	5 41	1 26	26 48	5 33	1 33	2 9	16 3	2 18	4 48
M 6	17 39	20 43	3 34	22 17	1 13	8 20	0 44	21 13	1 39	0 43	1 34	1 33	2 15	14 21	0 44	5 41	1 26	26 48	5 32	1 34	2 10	16 6	2 18	4 48
T 7	17 55	15 52	2 40	21 54	0 57	8 9	0 31	21 1	1 38	0 42	1 34	1 31	2 15	14 21	0 44	5 41	1 26	26 48	5 32	1 34	2 11	16 9	2 19	4 47
W 8	18 11	10 30	1 40	21 27	0 39	8 0	0 18	20 50	1 37	0 41	1 33	1 29	2 15	14 21	0 44	5 41	1 26	26 47	5 32	1 34	2 13	16 12	2 19	4 47
T 9	18 27	4 51	0 37	20 57	0 20	7 52	0 6	20 38	1 36	0 40	1 33	1 27	2 15	14 20	0 44	5 41	1 26	26 47	5 32	1 33	2 14	16 15	2 20	4 47
F 10	18 43	0n53	0n27	20 24	0n 0	7 45	0n 6	20 26	1 35	0 39	1 33	1 25	2 16	14 20	0 44	5 42	1 26	26 47	5 32	1 33	2 15	16 18	2 20	4 46
S 11	18 58	6 32	1 29	19 49	0 21	7 39	0 18	20 13	1 33	0 38	1 32	1 23	2 16	14 20	0 44	5 42	1 26	26 47	5 32	1 34	2 16	16 21	2 21	4 46
S 12	19 13	11 56	2 27	19 11	0 41	7 35	0 29	20 1	1 32	0 37	1 32	1 21	2 16	14 20	0 44	5 42	1 26	26 46	5 32	1 36	2 18	16 24	2 21	4 46
M13	19 27	16 55	3 19	18 33	1 1	7 31	0 39	19 48	1 31	0 37	1 32	1 19	2 16	14 20	0 44	5 42	1 26	26 46	5 32	1 39	2 19	16 26	2 22	4 45
T 14	19 41	21 17	4 2	17 55	1 20	7 29	0 50	19 36	1 30	0 36	1 31	1 18	2 16	14 19	0 44	5 42	1 26	26 46	5 32	1 42	2 20	16 29	2 22	4 45
W15	19 55	24 49	4 34	17 18	1 38	7 28	1 0	19 23	1 29	0 35	1 31	1 16	2 17	14 19	0 44	5 42	1 26	26 45	5 32	1 47	2 21	16 32	2 22	4 45
T 16	20 8	27 17	4 55	16 44	1 54	7 28	1 9	19 10	1 28	0 35	1 31	1 14	2 17	14 19	0 44	5 42	1 26	26 45	5 32	1 52	2 23	16 35	2 23	4 45
F 17	20 21	28 30	5 2	16 13	2 8	7 29	1 19	18 56	1 26	0 35	1 31	1 12	2 17	14 19	0 44	5 42	1 26	26 45	5 32	1 57	2 24	16 38	2 23	4 44
S 18	20 34	28 18	4 56	15 46	2 20	7 30	1 27	18 43	1 25	0 34	1 30	1 10	2 17	14 19	0 44	5 42	1 26	26 45	5 32	2 2	2 25	16 41	2 23	4 44
S 19	20 46	26 40	4 35	15 25	2 30	7 33	1 36	18 29	1 24	0 34	1 30	1 9	2 17	14 19	0 44	5 43	1 26	26 44	5 32	2 5	2 26	16 44	2 24	4 44
M20	20 58	23 40	4 0	15 8	2 37	7 37	1 44	18 15	1 23	0 34	1 30	1 7	2 18	14 19	0 44	5 43	1 26	26 44	5 32	2 8	2 28	16 47	2 24	4 43
T 21	21 10	19 27	3 13	14 56	2 42	7 41	1 52	18 1	1 22	0 34	1 29	1 5	2 18	14 19	0 44	5 43	1 26	26 44	5 32	2 10	2 29	16 50	2 24	4 43
W22	21 21	14 13	2 14	14 48	2 46	7 47	1 59	17 47	1 20	0 34	1 29	1 4	2 18	14 19	0 44	5 43	1 26	26 44	5 32	2 10	2 30	16 52	2 24	4 43
T 23	21 31	8 12	1 7	14 46	2 47	7 53	2 6	17 33	1 19	0 34	1 29	1 2	2 18	14 19	0 44	5 43	1 26	26 43	5 32	2 11	2 32	16 55	2 25	4 42
F 24	21 42	1 38	0s 6	14 48	2 47	8 0	2 13	17 19	1 18	0 34	1 28	1 1	2 19	14 19	0 45	5 43	1 25	26 43	5 32	2 10	2 33	16 58	2 25	4 42
S 25	21 51	5s11	1 20	14 53	2 46	8 7	2 19	17 4	1 17	0 35	1 28	0 59	2 19	14 19	0 45	5 43	1 25	26 43	5 31	2 11	2 34	17 1	2 25	4 42
S 26	22 1	11 53	2 31	15 2	2 44	8 16	2 25	16 49	1 16	0 35	1 28	0 57	2 19	14 19	0 45	5 42	1 25	26 42	5 31	2 12	2 35	17 4	2 25	4 42
M27	22 10	18 3	3 33	15 14	2 40	8 25	2 31	16 35	1 15	0 35	1 27	0 56	2 19	14 19	0 45	5 42	1 25	26 42	5 31	2 14	2 37	17 7	2 25	4 41
T 28	22 18	23 11	4 21	15 29	2 36	8 34	2 36	16 20	1 14	0 36	1 27	0 55	2 20	14 19	0 45	5 42	1 25	26 42	5 31	2 18	2 38	17 10	2 25	4 41
W29	22 26	26 47	4 51	15 45	2 31	8 44	2 42	16 4	1 12	0 37	1 27	0 53	2 20	14 19	0 45	5 42	1 25	26 41	5 31	2 22	2 39	17 12	2 25	4 41
T 30	22s34	28s27	5s 0	16s 4	2n25	8s55	2n46	15s49	1s11	0n37	1s26	0n52	2n20	14n20	0n45	5s42	1s25	26s41	5s31	2s27	2s40	17n15	2s25	4n40

Julian Day Number = 2100491.5, Delta T = 21m27s
Ecliptic obliquity = 23°33'59, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'34, Lahiri = 10°27'34 Julian Calendar 1 Nov. 1038 == Greg. Calendar 7 Nov. 1038

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ASTRODIENST EPHEMERIS for the year 1038
geocentric

DECEMBER 1038 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 0 28	14♐43'32	9♉ 5	23♏ 2	0♏42	21♒21	4♈53	3♎15	23°R54	18♓57	24♉57	23°R41	23♓15	7♉ 3	12♓57	F 1
S 2	5 4 25	15°44'44	23°19	24° 0	1°27	22° 6	4°54	3°19	23♌54	18°57	24°58	23♓31	23°12	7° 9	12°58	S 2
S 3	5 8 21	16°45'55	7♒ 4	25° 3	2°14	22°50	4°56	3°23	23°53	18°57	25° 0	23°23	23° 9	7°16	12°58	S 3
M 4	5 12 18	17°47'07	20°20	26° 9	3° 1	23°34	4°58	3°27	23°53	18°58	25° 2	23°18	23° 5	7°23	12°59	M 4
T 5	5 16 15	18°48'18	3♓ 9	27°18	3°49	24°19	5° 0	3°30	23°52	18°58	25° 3	23°16	23° 2	7°29	13° 0	T 5
W 6	5 20 11	19°49'30	15°35	28°29	4°39	25° 3	5° 2	3°33	23°51	18°58	25° 5	23°15	22°59	7°36	13° 1	W 6
T 7	5 24 8	20°50'42	27°43	29°42	5°29	25°47	5° 5	3°37	23°51	18°59	25° 6	23°15	22°56	7°43	13° 2	T 7
F 8	5 28 4	21°51'53	9♈40	0♐57	6°19	26°32	5° 8	3°40	23°50	18°59	25° 8	23°14	22°53	7°49	13° 3	F 8
S 9	5 32 1	22°53'04	21°29	2°14	7°11	27°16	5°10	3°43	23°49	19° 0	25° 9	23°12	22°50	7°56	13° 4	S 9
S 10	5 35 57	23°54'16	3♉17	3°33	8° 3	28° 0	5°14	3°46	23°48	19° 0	25°11	23° 7	22°46	8° 3	13° 5	S 10
M11	5 39 54	24°55'27	15° 7	4°53	8°56	28°45	5°17	3°49	23°47	19° 1	25°13	22°59	22°43	8°10	13° 7	M11
T 12	5 43 50	25°56'38	27° 4	6°14	9°50	29°29	5°20	3°52	23°46	19° 1	25°14	22°49	22°40	8°16	13° 8	T 12
W13	5 47 47	26°57'49	9♊ 9	7°36	10°45	0♓13	5°24	3°55	23°45	19° 2	25°16	22°36	22°37	8°23	13° 9	W13
T 14	5 51 44	27°59'00	21°24	9° 0	11°40	0°58	5°28	3°57	23°44	19° 3	25°18	22°21	22°34	8°30	13°11	T 14
F 15	5 55 40	29° 0'11	3♋49	10°24	12°35	1°42	5°32	4° 0	23°43	19° 3	25°20	22° 7	22°31	8°36	13°12	F 15
S 16	5 59 37	0♉ 1'22	16°26	11°49	13°31	2°26	5°36	4° 2	23°42	19° 4	25°21	21°53	22°27	8°43	13°14	S 16
S 17	6 3 33	1° 2'33	29°13	13°15	14°28	3°10	5°41	4° 4	23°41	19° 5	25°23	21°42	22°24	8°50	13°15	S 17
M18	6 7 30	2° 3'44	12♌11	14°41	15°26	3°55	5°45	4° 7	23°39	19° 6	25°25	21°34	22°21	8°56	13°17	M18
T 19	6 11 26	3° 4'55	25°20	16° 8	16°24	4°39	5°50	4° 9	23°38	19° 7	25°26	21°29	22°18	9° 3	13°18	T 19
W20	6 15 23	4° 6'05	8♍40	17°36	17°22	5°23	5°55	4°11	23°37	19° 7	25°28	21°26	22°15	9°10	13°20	W20
T 21	6 19 19	5° 7'16	22°13	19° 4	18°21	6° 7	6° 0	4°13	23°35	19° 8	25°30	21°D26	22°11	9°16	13°22	T 21
F 22	6 23 16	6° 8'26	5♎59	20°33	19°20	6°51	6° 6	4°15	23°34	19° 9	25°32	21°R26	22° 8	9°23	13°23	F 22
S 23	6 27 13	7° 9'37	20° 1	22° 3	20°20	7°36	6°11	4°16	23°32	19°10	25°34	21°25	22° 5	9°30	13°25	S 23
S 24	6 31 9	8°10'47	4♏17	23°33	21°21	8°20	6°17	4°18	23°31	19°11	25°35	21°23	22° 2	9°36	13°27	S 24
M25	6 35 6	9°11'58	18°45	25° 3	22°21	9° 4	6°23	4°20	23°29	19°12	25°37	21°18	21°59	9°43	13°29	M25
T 26	6 39 2	10°13'08	3♐23	26°35	23°22	9°48	6°29	4°21	23°27	19°13	25°39	21°10	21°56	9°50	13°31	T 26
W27	6 42 59	11°14'18	18° 4	28° 6	24°24	10°32	6°35	4°22	23°26	19°14	25°41	21° 0	21°52	9°57	13°33	W27
T 28	6 46 55	12°15'27	2♑40	29°39	25°26	11°16	6°41	4°23	23°24	19°15	25°43	20°49	21°49	10° 3	13°35	T 28
F 29	6 50 52	13°16'36	17° 3	1♑11	26°28	12° 0	6°48	4°25	23°22	19°16	25°44	20°38	21°46	10°10	13°37	F 29
S 30	6 54 49	14°17'45	1♒ 8	2°45	27°31	12°44	6°55	4°25	23°20	19°18	25°46	20°28	21°43	10°17	13°39	S 30
S 31	6 58 45	15♑18'52	14♒50	4♑18	28♏33	13♓28	7♈ 2	4♎26	23♌19	19♓19	25♑48	20♓20	21♓40	10♉23	13♓41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s41	28s 4	4s50	16s24	2n19	9s 6	2n51	15s34	1s10	0n38	1s26	0n51	2n20	14n20	0n45	5s42	1s25	26s41	5s31	2s31	2s42	17n18	2s25	4n40
S 2	22 48	25 50	4 21	16 45	2 12	9 18	2 55	15 18	1 9	0 39	1 26	0 49	2 21	14 20	0 45	5 42	1 25	26 41	5 31	2 35	2 43	17 21	2 25	4 40
S 3	22 54	22 7	3 38	17 7	2 5	9 30	2 59	15 3	1 8	0 40	1 25	0 48	2 21	14 20	0 45	5 42	1 25	26 40	5 31	2 38	2 44	17 24	2 25	4 39
M 4	23 0	17 23	2 45	17 29	1 57	9 43	3 3	14 47	1 7	0 41	1 25	0 47	2 21	14 20	0 45	5 42	1 25	26 40	5 31	2 40	2 45	17 27	2 25	4 39
T 5	23 5	12 1	1 44	17 53	1 50	9 56	3 6	14 31	1 6	0 42	1 25	0 46	2 21	14 21	0 45	5 41	1 25	26 40	5 31	2 41	2 47	17 29	2 25	4 39
W 6	23 10	6 20	0 40	18 16	1 42	10 10	3 10	14 15	1 4	0 43	1 24	0 45	2 22	14 21	0 45	5 41	1 25	26 39	5 31	2 42	2 48	17 32	2 25	4 39
T 7	23 15	0 33	0n24	18 40	1 34	10 23	3 13	13 59	1 3	0 45	1 24	0 44	2 22	14 21	0 45	5 41	1 25	26 39	5 31	2 42	2 49	17 35	2 25	4 38
F 8	23 19	5n 9	1 26	19 3	1 26	10 37	3 15	13 43	1 2	0 46	1 24	0 43	2 22	14 21	0 45	5 41	1 25	26 39	5 31	2 42	2 50	17 38	2 25	4 38
S 9	23 22	10 38	2 23	19 26	1 18	10 52	3 18	13 26	1 1	0 47	1 24	0 42	2 22	14 22	0 45	5 41	1 25	26 38	5 31	2 43	2 52	17 41	2 25	4 38
S 10	23 25	15 43	3 15	19 50	1 10	11 7	3 20	13 10	1 0	0 49	1 23	0 41	2 23	14 22	0 45	5 40	1 25	26 38	5 31	2 45	2 53	17 43	2 25	4 37
M11	23 28	20 14	3 57	20 12	1 2	11 22	3 22	12 53	0 59	0 50	1 23	0 40	2 23	14 22	0 45	5 40	1 25	26 38	5 31	2 48	2 54	17 46	2 24	4 37
T 12	23 30	23 59	4 30	20 35	0 54	11 37	3 24	12 37	0 58	0 52	1 23	0 39	2 23	14 23	0 45	5 40	1 25	26 37	5 31	2 52	2 55	17 49	2 24	4 37
W13	23 32	26 44	4 51	20 56	0 46	11 52	3 26	12 20	0 57	0 54	1 22	0 38	2 24	14 23	0 45	5 40	1 25	26 37	5 31	2 57	2 57	17 52	2 24	4 36
T 14	23 33	28 16	4 59	21 17	0 38	12 8	3 27	12 3	0 55	0 56	1 22	0 37	2 24	14 24	0 45	5 39	1 25	26 37	5 31	3 3	2 58	17 55	2 24	4 36
F 15	23 34	28 24	4 53	21 38	0 30	12 23	3 28	11 46	0 54	0 58	1 22	0 36	2 24	14 24	0 45	5 39	1 25	26 36	5 31	3 9	2 59	17 57	2 23	4 36
S 16	23 34	27 4	4 33	21 57	0 22	12 39	3 29	11 29	0 53	1 0	1 21	0 36	2 24	14 24	0 45	5 39	1 25	26 36	5 31	3 14	3 1	18 0	2 23	4 36
S 17	23 34	24 18	3 59	22 16	0 15	12 55	3 30	11 12	0 52	1 2	1 21	0 35	2 25	14 25	0 45	5 38	1 25	26 36	5 31	3 19	3 2	18 3	2 23	4 35
M18	23 33	20 17	3 11	22 34	0 7	13 11	3 31	10 55	0 51	1 4	1 21	0 34	2 25	14 25	0 46	5 38	1 24	26 35	5 31	3 22	3 3	18 6	2 22	4 35
T 19	23 32	15 14	2 13	22 51	0s 0	13 28	3 31	10 38	0 50	1 6	1 20	0 34	2 25	14 26	0 46	5 38	1 24	26 35	5 31	3 24	3 4	18 8	2 22	4 35
W20	23 30	9 24	1 7	23 7	0 8	13 44	3 31	10 21	0 49	1 8	1 20	0 33	2 25	14 26	0 46	5 37	1 24	26 35	5 31	3 25	3 6	18 11	2 22	4 34
T 21	23 28	3 3	0s 4	23 22	0 15	14 0	3 31	10 3	0 48	1 11	1 20	0 33	2 26	14 27	0 46	5 37	1 24	26 34	5 31	3 25	3 7	18 14	2 21	4 34
F 22	23 25	3s33	1 16	23 36	0 22	14 16	3 31	9 46	0 47	1 13	1 20	0 32	2 26	14 27	0 46	5 36	1 24	26 34	5 31	3 25	3 8	18 17	2 21	4 34
S 23	23 22	10 6	2 25	23 49	0 29	14 32	3 31	9 28	0 46	1 15	1 19	0 32	2 26	14 28	0 46	5 36	1 24	26 34	5 31	3 25	3 9	18 19	2 20	4 34
S 24	23 19	16 15	3 26	24 0	0 36	14 48	3 30	9 11	0 45	1 18	1 19	0 31	2 27	14 28	0 46	5 36	1 24	26 34	5 31	3 26	3 11	18 22	2 20	4 33
M25	23 15	21 34	4 15	24 11	0 42	15 4	3 30	8 53	0 44	1 21	1 19	0 31	2 27	14 29	0 46	5 35	1 24	26 33	5 31	3 28	3 12	18 25	2 19	4 33
T 26	23 10	25 39	4 48	24 20	0 49	15 20	3 29	8 36	0 43	1 23	1 18	0 31	2 27	14 30	0 46	5 35	1 24	26 33	5 31	3 31	3 13	18 28	2 19	4 33
W27	23 5	28 2	5 1	24 28	0 55	15 36	3 28	8 18	0 42	1 26	1 18	0 31	2 27	14 30	0 46	5 34	1 24	26 33	5 31	3 35	3 14	18 30	2 18	4 33
T 28	23 0	28 28	4 55	24 35	1 1	15 52	3 27	8 0	0 41	1 29	1 18	0 30	2 28	14 31	0 46	5 34	1 24	26 32	5 31	3 40	3 16	18 33	2 18	4 32
F 29	22 54	26 57	4 31	24 40	1 7	16 8	3 26	7 42	0 40	1 32	1 17	0 30	2 28	14 31	0 46	5 33	1 24	26 32	5 31	3 44	3 17	18 36	2 17	4 32
S 30	22 48	23 45	3 50	24 45	1 12	16 23	3 25	7 24	0 39	1 35	1 17	0 30	2 28	14 32	0 46	5 33	1 24	26 32	5 31	3 48	3 18	18 38	2 17	4 32
S 31	22s41	19s17	2s57	24s47	1s18	16s38	3n23	7s 6	0s38	1n38	1s17	0n30	2n29	14n33	0n46	5s32	1s24	26s31	5s32	3s51	3s19	18n41	2s16	4n32

Julian Day Number = 2100521.5, Delta T = 21m27s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'38, Lahiri = 10°27'38 Julian Calendar 1 Dec. 1038 == Greg. Calendar 7 Dec. 1038

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

JANUARY 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	7 2 42	16♑19'59	28♒ 7	5♑53	29♏37	14♓12	7♈ 9	4♎27	23°R17	19♓20	25♑50	20°R15	21♓37	10♉30	13♓44	M 1
T 2	7 6 38	17°21'04	10♓58	7°28	0♐40	14°56	7°16	4°28	23♌15	19°21	25°52	20♓13	21°33	10°37	13°46	T 2
W 3	7 10 35	18°22'09	23°28	9° 3	1°44	15°40	7°23	4°28	23°13	19°23	25°54	20°D12	21°30	10°43	13°48	W 3
T 4	7 14 31	19°23'12	5♈40	10°39	2°48	16°24	7°31	4°29	23°11	19°24	25°56	20°13	21°27	10°50	13°51	T 4
F 5	7 18 28	20°24'14	17°39	12°16	3°53	17° 8	7°39	4°29	23° 9	19°25	25°57	20°R14	21°24	10°57	13°53	F 5
S 6	7 22 24	21°25'16	29°31	13°53	4°57	17°52	7°46	4°29	23° 7	19°27	25°59	20°13	21°21	11° 3	13°55	S 6
S 7	7 26 21	22°26'16	11♉20	15°31	6° 2	18°36	7°54	4°29	23° 5	19°28	26° 1	20°11	21°17	11°10	13°58	S 7
M 8	7 30 18	23°27'14	23°13	17°10	7° 7	19°20	8° 3	4°R30	23° 2	19°30	26° 3	20° 7	21°14	11°17	14° 0	M 8
T 9	7 34 14	24°28'12	5♊12	18°49	8°13	20° 4	8°11	4°29	23° 0	19°31	26° 5	20° 0	21°11	11°24	14° 3	T 9
W10	7 38 11	25°29'09	17°23	20°29	9°18	20°47	8°19	4°29	22°58	19°32	26° 7	19°51	21° 8	11°30	14° 6	W10
T 11	7 42 7	26°30'04	29°47	22° 9	10°24	21°31	8°28	4°29	22°56	19°34	26° 9	19°41	21° 5	11°37	14° 8	T 11
F 12	7 46 4	27°30'58	12♋26	23°51	11°30	22°15	8°37	4°29	22°54	19°36	26°10	19°31	21° 2	11°44	14°11	F 12
S 13	7 50 0	28°31'51	25°20	25°33	12°37	22°59	8°45	4°28	22°51	19°37	26°12	19°22	20°58	11°50	14°14	S 13
S 14	7 53 57	29°32'43	8♌28	27°15	13°43	23°42	8°54	4°27	22°49	19°39	26°14	19°14	20°55	11°57	14°16	S 14
M15	7 57 53	0♒33'33	21°49	28°59	14°50	24°26	9° 4	4°27	22°47	19°40	26°16	19° 8	20°52	12° 4	14°19	M15
T 16	8 1 50	1°34'22	5♍21	0♒43	15°57	25° 9	9°13	4°26	22°44	19°42	26°18	19° 5	20°49	12°10	14°22	T 16
W17	8 5 47	2°35'11	19° 3	2°28	17° 4	25°53	9°22	4°25	22°42	19°44	26°20	19°D 4	20°46	12°17	14°25	W17
T 18	8 9 43	3°35'58	2♎53	4°14	18°11	26°37	9°32	4°24	22°39	19°45	26°22	19° 5	20°43	12°24	14°28	T 18
F 19	8 13 40	4°36'44	16°50	6° 0	19°19	27°20	9°41	4°23	22°37	19°47	26°24	19° 6	20°39	12°30	14°30	F 19
S 20	8 17 36	5°37'29	0♏54	7°47	20°26	28° 4	9°51	4°21	22°35	19°49	26°25	19°R 7	20°36	12°37	14°33	S 20
S 21	8 21 33	6°38'13	15° 2	9°35	21°34	28°47	10° 1	4°20	22°32	19°50	26°27	19° 7	20°33	12°44	14°36	S 21
M22	8 25 29	7°38'56	29°15	11°24	22°42	29°30	10°11	4°19	22°30	19°52	26°29	19° 5	20°30	12°51	14°39	M22
T 23	8 29 26	8°39'38	13♐29	13°13	23°50	0♈14	10°21	4°17	22°27	19°54	26°31	19° 1	20°27	12°57	14°42	T 23
W24	8 33 22	9°40'19	27°41	15° 2	24°58	0°57	10°31	4°15	22°25	19°56	26°33	18°56	20°23	13° 4	14°45	W24
T 25	8 37 19	10°40'58	11♑47	16°52	26° 7	1°40	10°42	4°14	22°22	19°58	26°35	18°49	20°20	13°11	14°49	T 25
F 26	8 41 16	11°41'36	25°44	18°43	27°15	2°24	10°52	4°12	22°19	20° 0	26°36	18°43	20°17	13°17	14°52	F 26
S 27	8 45 12	12°42'13	9♒26	20°34	28°24	3° 7	11° 3	4°10	22°17	20° 1	26°38	18°38	20°14	13°24	14°55	S 27
S 28	8 49 9	13°42'48	22°51	22°24	29°33	3°50	11°13	4° 8	22°14	20° 3	26°40	18°33	20°11	13°31	14°58	S 28
M29	8 53 5	14°43'22	5♓56	24°15	0♑42	4°33	11°24	4° 6	22°12	20° 5	26°42	18°31	20° 8	13°37	15° 1	M29
T 30	8 57 2	15°43'53	18°43	26° 6	1°51	5°17	11°35	4° 4	22° 9	20° 7	26°44	18°D30	20° 4	13°44	15° 4	T 30
W31	9 0 58	16♒44'23	1♈11	27♒56	3♑ 0	6♈ 0	11♈46	4♎ 1	22♌ 6	20♓ 9	26♑45	18♓31	20♓ 1	13♉51	15♓ 8	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s34	13s59	1s55	24s49	1s23	16s53	3n22	6s49	0s37	1n41	1s17	0n30	2n29	14n33	0n46	5s32	1s24	26s31	5s32	3s53	3s21	18n44	2s16	4n31
T 2	22 26	8 15	0 49	24 49	1 28	17 8	3 20	6 31	0 36	1 44	1 16	0 30	2 29	14 34	0 46	5 31	1 24	26 31	5 32	3 54	3 22	18 46	2 15	4 31
W 3	22 18	2 20	0n17	24 47	1 32	17 23	3 18	6 12	0 35	1 47	1 16	0 30	2 29	14 35	0 46	5 31	1 24	26 30	5 32	3 54	3 23	18 49	2 14	4 31
T 4	22 9	3n31	1 22	24 44	1 36	17 37	3 16	5 54	0 34	1 50	1 16	0 30	2 30	14 35	0 46	5 30	1 24	26 30	5 32	3 54	3 24	18 52	2 14	4 31
F 5	22 0	9 8	2 21	24 40	1 41	17 51	3 14	5 36	0 33	1 54	1 16	0 30	2 30	14 36	0 46	5 30	1 24	26 30	5 32	3 53	3 26	18 55	2 13	4 30
S 6	21 51	14 23	3 14	24 34	1 44	18 5	3 12	5 18	0 32	1 57	1 15	0 30	2 30	14 37	0 46	5 29	1 24	26 29	5 32	3 54	3 27	18 57	2 12	4 30
S 7	21 41	19 5	3 58	24 27	1 48	18 19	3 10	5 0	0 31	2 0	1 15	0 31	2 31	14 37	0 46	5 28	1 24	26 29	5 32	3 54	3 28	19 0	2 11	4 30
M 8	21 31	23 4	4 33	24 18	1 51	18 32	3 7	4 42	0 30	2 4	1 15	0 31	2 31	14 38	0 46	5 28	1 24	26 29	5 32	3 56	3 29	19 3	2 11	4 30
T 9	21 20	26 7	4 55	24 7	1 54	18 45	3 5	4 24	0 29	2 7	1 14	0 31	2 31	14 39	0 46	5 27	1 24	26 29	5 32	3 59	3 31	19 5	2 10	4 29
W10	21 9	28 1	5 5	23 55	1 56	18 58	3 2	4 6	0 28	2 11	1 14	0 31	2 32	14 40	0 46	5 27	1 24	26 28	5 32	4 2	3 32	19 8	2 9	4 29
T 11	20 58	28 35	5 1	23 41	1 58	19 10	3 0	3 47	0 27	2 15	1 14	0 32	2 32	14 40	0 46	5 26	1 24	26 28	5 32	4 6	3 33	19 10	2 8	4 29
F 12	20 46	27 39	4 42	23 25	2 0	19 22	2 57	3 29	0 26	2 18	1 14	0 32	2 32	14 41	0 46	5 25	1 24	26 28	5 32	4 10	3 35	19 13	2 7	4 29
S 13	20 34	25 15	4 8	23 8	2 2	19 33	2 54	3 11	0 25	2 22	1 13	0 33	2 32	14 42	0 46	5 25	1 24	26 27	5 32	4 14	3 36	19 16	2 7	4 29
S 14	20 21	21 28	3 21	22 49	2 3	19 44	2 51	2 53	0 24	2 26	1 13	0 33	2 33	14 43	0 46	5 24	1 24	26 27	5 32	4 17	3 37	19 18	2 6	4 28
M15	20 8	16 32	2 21	22 29	2 3	19 55	2 48	2 34	0 23	2 30	1 13	0 34	2 33	14 44	0 46	5 23	1 23	26 27	5 33	4 19	3 38	19 21	2 5	4 28
T 16	19 55	10 44	1 13	22 7	2 4	20 5	2 45	2 16	0 22	2 33	1 13	0 34	2 33	14 44	0 46	5 23	1 23	26 27	5 33	4 20	3 40	19 24	2 4	4 28
W17	19 41	4 21	0 0	21 43	2 3	20 15	2 42	1 58	0 21	2 37	1 12	0 35	2 33	14 45	0 46	5 22	1 23	26 26	5 33	4 21	3 41	19 26	2 3	4 28
T 18	19 27	2s17	1s14	21 17	2 3	20 24	2 39	1 40	0 20	2 41	1 12	0 36	2 34	14 46	0 46	5 21	1 23	26 26	5 33	4 21	3 42	19 29	2 2	4 27
F 19	19 13	8 52	2 24	20 50	2 2	20 33	2 35	1 22	0 19	2 45	1 12	0 36	2 34	14 47	0 46	5 21	1 23	26 26	5 33	4 20	3 43	19 31	2 1	4 27
S 20	18 58	15 4	3 27	20 21	2 0	20 41	2 32	1 3	0 18	2 49	1 12	0 37	2 34	14 48	0 46	5 20	1 23	26 25	5 33	4 20	3 45	19 34	2 0	4 27
S 21	18 43	20 31	4 17	19 50	1 58	20 49	2 29	0 45	0 17	2 53	1 12	0 38	2 35	14 48	0 46	5 19	1 23	26 25	5 33	4 20	3 46	19 37	1 59	4 27
M22	18 27	24 50	4 51	19 18	1 55	20 57	2 25	0 27	0 16	2 58	1 11	0 39	2 35	14 49	0 47	5 18	1 23	26 25	5 33	4 21	3 47	19 39	1 58	4 27
T 23	18 11	27 38	5 8	18 44	1 52	21 4	2 22	0 9	0 16	3 2	1 11	0 39	2 35	14 50	0 47	5 18	1 23	26 25	5 33	4 22	3 48	19 42	1 57	4 27
W24	17 55	28 39	5 6	18 8	1 48	21 10	2 18	0n 9	0 15	3 6	1 11	0 40	2 35	14 51	0 47	5 17	1 23	26 24	5 33	4 24	3 50	19 44	1 56	4 26
T 25	17 39	27 47	4 45	17 30	1 44	21 16	2 15	0 27	0 14	3 10	1 11	0 41	2 36	14 52	0 47	5 16	1 23	26 24	5 33	4 27	3 51	19 47	1 55	4 26
F 26	17 22	25 10	4 8	16 51	1 39	21 21	2 11	0 46	0 13	3 15	1 10	0 42	2 36	14 53	0 47	5 15	1 23	26 24	5 34	4 29	3 52	19 50	1 54	4 26
S 27	17 5	21 9	3 17	16 11	1 33	21 26	2 7	1 4	0 12	3 19	1 10	0 43	2 36	14 54	0 47	5 15	1 23	26 24	5 34	4 31	3 53	19 52	1 53	4 26
S 28	16 48	16 6	2 15	15 29	1 27	21 30	2 4	1 22	0 11	3 23	1 10	0 44	2 36	14 54	0 47	5 14	1 23	26 23	5 34	4 33	3 55	19 55	1 52	4 26
M29	16 30	10 26	1 8	14 45	1 20	21 34	2 0	1 40	0 10	3 28	1 10	0 45	2 37	14 55	0 47	5 13	1 23	26 23	5 34	4 34	3 56	19 57	1 51	4 26
T 30	16 12	4 28	0n 1	14 1	1 12	21 37	1 56	1 58	0 9	3 32	1 10	0 47	2 37	14 56	0 47	5 12	1 23	26 23	5 34	4 34	3 57	20 0	1 50	4 25
W31	15s54	1n31	1n 9	13s15	1s 4	21s40	1n52	2n16	0s 9	3n37	1s 9	0n48	2n37	14n57	0n47	5s12	1s23	26s23	5s34	4s34	3s58	20n 2	1s49	4n25

Julian Day Number = 2100552.5, Delta T = 21m26s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'42, Lahiri = 10°27'42 Julian Calendar 1 Jan. 1039 == Greg. Calendar 7 Jan. 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

FEBRUARY 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 4 55	17♒44'51	13♈24	29♒45	4♑ 9	6♈43	11♈57	3°R59	22°R 4	20♓11	26♑47	18♓32	19♓58	13♉57	15♓11	T 1
F 2	9 8 51	18°45'17	25°24	1♓33	5°19	7°26	12° 8	3♎56	22♌ 1	20°13	26°49	18°34	19°55	14° 4	15°14	F 2
S 3	9 12 48	19°45'41	7♉18	3°19	6°28	8° 9	12°20	3°54	21°59	20°15	26°51	18°36	19°52	14°11	15°17	S 3
S 4	9 16 45	20°46'03	19° 9	5° 4	7°38	8°52	12°31	3°51	21°56	20°17	26°52	18°R36	19°49	14°18	15°21	S 4
M 5	9 20 41	21°46'24	1♊ 2	6°47	8°47	9°35	12°43	3°48	21°53	20°19	26°54	18°36	19°45	14°24	15°24	M 5
T 6	9 24 38	22°46'42	13° 3	8°26	9°57	10°18	12°54	3°45	21°51	20°21	26°56	18°34	19°42	14°31	15°27	T 6
W 7	9 28 34	23°46'58	25°15	10° 2	11° 7	11° 1	13° 6	3°42	21°48	20°23	26°58	18°32	19°39	14°38	15°31	W 7
T 8	9 32 31	24°47'12	7♋43	11°35	12°17	11°43	13°18	3°39	21°46	20°25	26°59	18°28	19°36	14°44	15°34	T 8
F 9	9 36 27	25°47'24	20°28	13° 2	13°27	12°26	13°29	3°36	21°43	20°28	27° 1	18°24	19°33	14°51	15°38	F 9
S 10	9 40 24	26°47'35	3♌34	14°25	14°37	13° 9	13°41	3°33	21°40	20°30	27° 3	18°21	19°29	14°58	15°41	S 10
S 11	9 44 20	27°47'43	16°59	15°42	15°47	13°52	13°53	3°30	21°38	20°32	27° 4	18°18	19°26	15° 4	15°44	S 11
M12	9 48 17	28°47'49	0♍42	16°52	16°57	14°34	14° 5	3°27	21°35	20°34	27° 6	18°16	19°23	15°11	15°48	M12
T 13	9 52 14	29°47'53	14°41	17°56	18° 8	15°17	14°18	3°23	21°32	20°36	27° 8	18°D16	19°20	15°18	15°51	T 13
W14	9 56 10	0♓47'55	28°51	18°52	19°18	16° 0	14°30	3°20	21°30	20°38	27° 9	18°16	19°17	15°25	15°55	W14
T 15	10 0 7	1°47'56	13♎ 8	19°41	20°29	16°42	14°42	3°16	21°27	20°40	27°11	18°17	19°14	15°31	15°58	T 15
F 16	10 4 3	2°47'55	27°29	20°21	21°39	17°25	14°54	3°13	21°25	20°43	27°12	18°18	19°10	15°38	16° 2	F 16
S 17	10 8 0	3°47'52	11♏49	20°53	22°50	18° 7	15° 7	3° 9	21°22	20°45	27°14	18°19	19° 7	15°45	16° 5	S 17
S 18	10 11 56	4°47'48	26° 5	21°16	24° 0	18°50	15°19	3° 5	21°20	20°47	27°16	18°20	19° 4	15°51	16° 9	S 18
M19	10 15 53	5°47'42	10♐14	21°31	25°11	19°32	15°32	3° 1	21°17	20°49	27°17	18°R20	19° 1	15°58	16°12	M19
T 20	10 19 49	6°47'34	24°16	21°R36	26°22	20°14	15°45	2°57	21°15	20°51	27°19	18°19	18°58	16° 5	16°16	T 20
W21	10 23 46	7°47'25	8♑ 7	21°33	27°33	20°57	15°58	2°53	21°12	20°54	27°20	18°18	18°55	16°11	16°20	W21
T 22	10 27 43	8°47'14	21°48	21°21	28°44	21°39	16°10	2°49	21°10	20°56	27°22	18°17	18°51	16°18	16°23	T 22
F 23	10 31 39	9°47'01	5♒16	21° 1	29°55	22°21	16°23	2°45	21° 7	20°58	27°23	18°16	18°48	16°25	16°27	F 23
S 24	10 35 36	10°46'46	18°30	20°33	1♒ 6	23° 4	16°36	2°41	21° 5	21° 0	27°25	18°15	18°45	16°32	16°30	S 24
S 25	10 39 32	11°46'29	1♓31	19°59	2°17	23°46	16°49	2°37	21° 2	21° 3	27°26	18°14	18°42	16°38	16°34	S 25
M26	10 43 29	12°46'10	14°18	19°19	3°28	24°28	17° 2	2°33	21° 0	21° 5	27°27	18°D14	18°39	16°45	16°37	M26
T 27	10 47 25	13°45'49	26°51	18°34	4°40	25°10	17°15	2°29	20°58	21° 7	27°29	18°14	18°35	16°52	16°41	T 27
W28	10 51 22	14♓45'26	9♈11	17♓45	5♒51	25♈52	17♈29	2♎24	20♌55	21♓ 9	27♑30	18♓14	18♓32	16♉58	16♓44	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15s36	7n20	2n12	12s28	0s55	21s42	1n48	2n34	0s 8	3n41	1s 9	0n49	2n37	14n58	0n47	5s11	1s23	26s22	5s34	4s33	4s 0	20n 5	1s48	4n25
F 2	15 17	12 48	3 8	11 41	0 45	21 43	1 44	2 51	0 7	3 46	1 9	0 50	2 38	14 59	0 47	5 10	1 23	26 22	5 34	4 33	4 1	20 8	1 47	4 25
S 3	14 58	17 44	3 56	10 53	0 35	21 44	1 41	3 9	0 6	3 51	1 9	0 51	2 38	15 0	0 47	5 9	1 23	26 22	5 35	4 32	4 2	20 10	1 46	4 25
S 4	14 39	21 59	4 33	10 4	0 23	21 44	1 37	3 27	0 5	3 55	1 9	0 53	2 38	15 0	0 47	5 8	1 23	26 22	5 35	4 32	4 3	20 13	1 44	4 25
M 5	14 19	25 21	4 59	9 15	0 12	21 44	1 33	3 45	0 4	4 0	1 8	0 54	2 38	15 1	0 47	5 8	1 23	26 22	5 35	4 32	4 5	20 15	1 43	4 24
T 6	14 0	27 39	5 12	8 27	0n 0	21 43	1 29	4 3	0 4	4 5	1 8	0 55	2 39	15 2	0 47	5 7	1 23	26 21	5 35	4 33	4 6	20 18	1 42	4 24
W 7	13 40	28 40	5 12	7 38	0 13	21 41	1 25	4 20	0 3	4 9	1 8	0 57	2 39	15 3	0 47	5 6	1 23	26 21	5 35	4 34	4 7	20 20	1 41	4 24
T 8	13 20	28 16	4 56	6 51	0 27	21 39	1 21	4 38	0 2	4 14	1 8	0 58	2 39	15 4	0 47	5 5	1 23	26 21	5 35	4 35	4 8	20 23	1 40	4 24
F 9	12 59	26 23	4 26	6 5	0 40	21 37	1 17	4 55	0 1	4 19	1 8	1 0	2 39	15 5	0 47	5 4	1 23	26 21	5 35	4 37	4 10	20 25	1 39	4 24
S 10	12 39	23 3	3 42	5 20	0 54	21 33	1 13	5 13	0 0	4 24	1 7	1 1	2 39	15 6	0 47	5 3	1 23	26 20	5 36	4 38	4 11	20 28	1 37	4 24
S 11	12 18	18 26	2 44	4 37	1 9	21 29	1 9	5 30	0n 0	4 29	1 7	1 2	2 40	15 6	0 47	5 2	1 23	26 20	5 36	4 39	4 12	20 30	1 36	4 24
M12	11 57	12 46	1 35	3 56	1 23	21 25	1 5	5 47	0 1	4 33	1 7	1 4	2 40	15 7	0 47	5 2	1 23	26 20	5 36	4 40	4 13	20 33	1 35	4 24
T 13	11 36	6 22	0 20	3 18	1 38	21 19	1 1	6 5	0 2	4 38	1 7	1 6	2 40	15 8	0 47	5 1	1 23	26 20	5 36	4 40	4 15	20 35	1 34	4 23
W14	11 15	0s26	0s58	2 42	1 52	21 14	0 57	6 22	0 3	4 43	1 7	1 7	2 40	15 9	0 47	5 0	1 23	26 20	5 36	4 40	4 16	20 38	1 32	4 23
T 15	10 53	7 15	2 13	2 10	2 6	21 7	0 53	6 39	0 3	4 48	1 7	1 9	2 40	15 10	0 47	4 59	1 23	26 20	5 36	4 40	4 17	20 40	1 31	4 23
F 16	10 32	13 44	3 20	1 42	2 20	21 0	0 49	6 56	0 4	4 53	1 6	1 10	2 41	15 11	0 47	4 58	1 23	26 19	5 36	4 39	4 18	20 43	1 30	4 23
S 17	10 10	19 29	4 14	1 17	2 33	20 53	0 45	7 13	0 5	4 58	1 6	1 12	2 41	15 11	0 47	4 57	1 23	26 19	5 37	4 39	4 20	20 45	1 29	4 23
S 18	9 48	24 7	4 53	0 57	2 45	20 45	0 41	7 30	0 6	5 3	1 6	1 14	2 41	15 12	0 47	4 56	1 23	26 19	5 37	4 38	4 21	20 47	1 27	4 23
M19	9 26	27 16	5 13	0 41	2 57	20 36	0 37	7 47	0 6	5 8	1 6	1 15	2 41	15 13	0 47	4 56	1 23	26 19	5 37	4 38	4 22	20 50	1 26	4 23
T 20	9 4	28 41	5 15	0 29	3 7	20 26	0 34	8 4	0 7	5 13	1 6	1 17	2 41	15 14	0 47	4 55	1 23	26 19	5 37	4 39	4 23	20 52	1 25	4 23
W21	8 42	28 16	4 58	0 22	3 17	20 17	0 30	8 20	0 8	5 18	1 6	1 19	2 41	15 15	0 47	4 54	1 23	26 19	5 37	4 39	4 25	20 55	1 23	4 23
T 22	8 19	26 8	4 24	0 19	3 25	20 6	0 26	8 37	0 9	5 23	1 5	1 20	2 42	15 15	0 47	4 53	1 23	26 19	5 37	4 39	4 26	20 57	1 22	4 23
F 23	7 56	22 33	3 36	0 21	3 31	19 55	0 22	8 53	0 9	5 28	1 5	1 22	2 42	15 16	0 47	4 52	1 23	26 18	5 38	4 40	4 27	21 0	1 21	4 23
S 24	7 34	17 51	2 37	0 28	3 36	19 43	0 18	9 10	0 10	5 34	1 5	1 24	2 42	15 17	0 47	4 51	1 23	26 18	5 38	4 40	4 28	21 2	1 19	4 23
S 25	7 11	12 25	1 31	0 38	3 38	19 31	0 15	9 26	0 11	5 39	1 5	1 26	2 42	15 18	0 47	4 50	1 23	26 18	5 38	4 40	4 30	21 4	1 18	4 22
M26	6 48	6 33	0 22	0 53	3 39	19 18	0 11	9 43	0 11	5 44	1 5	1 28	2 42	15 18	0 47	4 49	1 23	26 18	5 38	4 41	4 31	21 7	1 17	4 22
T 27	6 25	0 32	0n48	1 12	3 38	19 5	0 7	9 59	0 12	5 49	1 5	1 29	2 42	15 19	0 47	4 48	1 23	26 18	5 38	4 41	4 32	21 9	1 15	4 22
W28	6s 2	5n24	1n54	1s34	3n36	18s51	0n 4	10n15	0n13	5n54	1s 4	1n31	2n42	15n20	0n47	4s48	1s23	26s18	5s39	4s40	4s33	21n12	1s14	4n22

Julian Day Number = 2100583.5, Delta T = 21m26s
Ecliptic obliquity = 23°33'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'46, Lahiri = 10°27'47 Julian Calendar 1 Feb. 1039 == Greg. Calendar 7 Feb. 1039

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MARCH 1039 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 55 18	15♓45'01	21♈19	16°R53	7♒ 2	26♈34	17♈42	2°R20	20°R53	21♓12	27♑32	18♓15	18♓29	17♉ 5	16♓48	T 1
F 2	10 59 15	16°44'33	3♉19	15♓59	8°14	27°16	17°55	2♎16	20♌51	21°14	27°33	18°15	18°26	17°12	16°52	F 2
S 3	11 3 12	17°44'04	15°12	15° 5	9°25	27°58	18° 8	2°11	20°48	21°16	27°34	18°15	18°23	17°18	16°55	S 3
S 4	11 7 8	18°43'32	27° 3	14°11	10°36	28°40	18°22	2° 7	20°46	21°18	27°36	18°R15	18°20	17°25	16°59	S 4
M 5	11 11 5	19°42'57	8♊56	13°19	11°48	29°22	18°35	2° 3	20°44	21°21	27°37	18°15	18°16	17°32	17° 2	M 5
T 6	11 15 1	20°42'21	20°56	12°29	12°59	0♉ 4	18°49	1°58	20°42	21°23	27°38	18°D15	18°13	17°39	17° 6	T 6
W 7	11 18 58	21°41'42	3♋ 6	11°43	14°11	0°46	19° 2	1°54	20°40	21°25	27°39	18°15	18°10	17°45	17°10	W 7
T 8	11 22 54	22°41'01	15°32	11° 2	15°22	1°27	19°16	1°49	20°38	21°27	27°41	18°15	18° 7	17°52	17°13	T 8
F 9	11 26 51	23°40'17	28°18	10°24	16°34	2° 9	19°29	1°44	20°36	21°30	27°42	18°16	18° 4	17°59	17°17	F 9
S 10	11 30 47	24°39'31	11♌26	9°52	17°46	2°51	19°43	1°40	20°33	21°32	27°43	18°16	18° 0	18° 5	17°20	S 10
S 11	11 34 44	25°38'43	24°58	9°26	18°57	3°32	19°57	1°35	20°31	21°34	27°44	18°17	17°57	18°12	17°24	S 11
M12	11 38 41	26°37'52	8♍54	9° 5	20° 9	4°14	20°11	1°31	20°29	21°37	27°45	18°17	17°54	18°19	17°27	M12
T 13	11 42 37	27°36'59	23°11	8°49	21°21	4°56	20°24	1°26	20°28	21°39	27°46	18°R17	17°51	18°26	17°31	T 13
W14	11 46 34	28°36'04	7♎46	8°40	22°33	5°37	20°38	1°21	20°26	21°41	27°47	18°17	17°48	18°32	17°34	W14
T 15	11 50 30	29°35'07	22°31	8°D36	23°44	6°19	20°52	1°17	20°24	21°43	27°48	18°16	17°45	18°39	17°38	T 15
F 16	11 54 27	0♈34'09	7♏20	8°37	24°56	7° 0	21° 6	1°12	20°22	21°46	27°49	18°15	17°41	18°46	17°41	F 16
S 17	11 58 23	1°33'08	22° 5	8°44	26° 8	7°41	21°20	1° 7	20°20	21°48	27°50	18°13	17°38	18°52	17°45	S 17
S 18	12 2 20	2°32'05	6♐39	8°56	27°20	8°23	21°34	1° 3	20°18	21°50	27°51	18°12	17°35	18°59	17°48	S 18
M19	12 6 16	3°31'01	20°59	9°13	28°32	9° 4	21°48	0°58	20°17	21°52	27°52	18°11	17°32	19° 6	17°52	M19
T 20	12 10 13	4°29'55	5♑ 1	9°35	29°44	9°45	22° 2	0°54	20°15	21°55	27°53	18°D10	17°29	19°12	17°55	T 20
W21	12 14 10	5°28'48	18°44	10° 2	0♓56	10°27	22°16	0°49	20°13	21°57	27°54	18°11	17°26	19°19	17°59	W21
T 22	12 18 6	6°27'38	2♒ 9	10°33	2° 8	11° 8	22°30	0°44	20°12	21°59	27°55	18°12	17°22	19°26	18° 2	T 22
F 23	12 22 3	7°26'27	15°17	11° 8	3°20	11°49	22°44	0°40	20°10	22° 1	27°56	18°13	17°19	19°33	18° 6	F 23
S 24	12 25 59	8°25'14	28° 9	11°47	4°32	12°30	22°58	0°35	20° 9	22° 3	27°57	18°15	17°16	19°39	18° 9	S 24
S 25	12 29 56	9°23'59	10♓49	12°30	5°44	13°11	23°12	0°31	20° 7	22° 6	27°58	18°15	17°13	19°46	18°12	S 25
M26	12 33 52	10°22'42	23°16	13°16	6°57	13°52	23°26	0°26	20° 6	22° 8	27°59	18°R16	17°10	19°53	18°16	M26
T 27	12 37 49	11°21'23	5♈33	14° 6	8° 9	14°33	23°40	0°22	20° 5	22°10	27°59	18°15	17° 6	19°59	18°19	T 27
W28	12 41 45	12°20'02	17°41	14°59	9°21	15°14	23°54	0°17	20° 3	22°12	28° 0	18°12	17° 3	20° 6	18°23	W28
T 29	12 45 42	13°18'39	29°42	15°55	10°33	15°55	24° 9	0°13	20° 2	22°14	28° 1	18° 9	17° 0	20°13	18°26	T 29
F 30	12 49 38	14°17'14	11♉38	16°54	11°45	16°36	24°23	0° 8	20° 1	22°16	28° 1	18° 5	16°57	20°20	18°29	F 30
S 31	12 53 35	15♈15'47	23♉30	17♓56	12♓57	17♉17	24♈37	0♎ 4	20♌ 0	22♓19	28♑ 2	18♓ 0	16♓54	20♉26	18♓32	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s39	11n 2	2n53	1s58	3n31	18s37	0n 0	10n31	0n14	5n59	1s 4	1n33	2n43	15n21	0n47	4s47	1s23	26s18	5s39	4s40	4s35	21n14	1s13	4n22
F 2	5 16	16 12	3 45	2 25	3 24	18 22	0s 3	10 47	0 14	6 5	1 4	1 35	2 43	15 21	0 46	4 46	1 23	26 18	5 39	4 40	4 36	21 16	1 11	4 22
S 3	4 52	20 43	4 26	2 54	3 16	18 6	0 7	11 2	0 15	6 10	1 4	1 37	2 43	15 22	0 46	4 45	1 23	26 18	5 39	4 40	4 37	21 19	1 10	4 22
S 4	4 29	24 24	4 56	3 24	3 6	17 50	0 10	11 18	0 16	6 15	1 4	1 39	2 43	15 23	0 46	4 44	1 23	26 18	5 39	4 40	4 38	21 21	1 9	4 22
M 5	4 6	27 3	5 13	3 54	2 55	17 34	0 14	11 34	0 16	6 20	1 4	1 40	2 43	15 23	0 46	4 43	1 23	26 17	5 40	4 40	4 40	21 24	1 7	4 22
T 6	3 42	28 31	5 17	4 25	2 42	17 17	0 17	11 49	0 17	6 26	1 4	1 42	2 43	15 24	0 46	4 42	1 23	26 17	5 40	4 40	4 41	21 26	1 6	4 22
W 7	3 19	28 38	5 7	4 54	2 29	16 59	0 20	12 4	0 18	6 31	1 4	1 44	2 43	15 25	0 46	4 41	1 23	26 17	5 40	4 40	4 42	21 28	1 5	4 22
T 8	2 55	27 19	4 42	5 24	2 15	16 41	0 24	12 20	0 18	6 36	1 3	1 46	2 43	15 25	0 46	4 40	1 23	26 17	5 40	4 40	4 43	21 31	1 3	4 22
F 9	2 32	24 35	4 3	5 51	2 0	16 23	0 27	12 35	0 19	6 41	1 3	1 48	2 43	15 26	0 46	4 39	1 23	26 17	5 40	4 40	4 45	21 33	1 2	4 22
S 10	2 8	20 29	3 10	6 18	1 45	16 4	0 30	12 50	0 20	6 47	1 3	1 50	2 43	15 27	0 46	4 39	1 23	26 17	5 41	4 40	4 46	21 35	1 1	4 22
S 11	1 44	15 15	2 6	6 42	1 29	15 45	0 33	13 5	0 20	6 52	1 3	1 52	2 43	15 27	0 46	4 38	1 23	26 17	5 41	4 39	4 47	21 38	0 59	4 22
M12	1 21	9 5	0 52	7 4	1 13	15 25	0 36	13 19	0 21	6 57	1 3	1 54	2 44	15 28	0 46	4 37	1 23	26 17	5 41	4 39	4 48	21 40	0 58	4 22
T 13	0 57	2 18	0s27	7 25	0 58	15 5	0 39	13 34	0 21	7 3	1 3	1 56	2 44	15 29	0 46	4 36	1 23	26 17	5 41	4 39	4 50	21 42	0 56	4 22
W14	0 34	4s43	1 46	7 42	0 43	14 44	0 42	13 49	0 22	7 8	1 3	1 57	2 44	15 29	0 46	4 35	1 23	26 17	5 41	4 39	4 51	21 45	0 55	4 22
T 15	0 10	11 34	2 58	7 58	0 28	14 23	0 45	14 3	0 23	7 13	1 3	1 59	2 44	15 30	0 46	4 34	1 23	26 17	5 42	4 40	4 52	21 47	0 54	4 22
F 16	0n14	17 48	3 59	8 11	0 13	14 1	0 48	14 17	0 23	7 19	1 3	2 1	2 44	15 30	0 46	4 33	1 23	26 17	5 42	4 40	4 53	21 49	0 52	4 22
S 17	0 37	22 57	4 44	8 22	0s 1	13 40	0 50	14 31	0 24	7 24	1 2	2 3	2 44	15 31	0 46	4 32	1 23	26 17	5 42	4 41	4 55	21 52	0 51	4 22
S 18	1 1	26 37	5 10	8 30	0 15	13 17	0 53	14 46	0 24	7 29	1 2	2 5	2 44	15 31	0 46	4 32	1 23	26 17	5 42	4 42	4 56	21 54	0 50	4 22
M19	1 24	28 30	5 16	8 36	0 28	12 55	0 55	14 59	0 25	7 34	1 2	2 7	2 44	15 32	0 46	4 31	1 23	26 17	5 42	4 42	4 57	21 56	0 48	4 22
T 20	1 48	28 31	5 2	8 39	0 41	12 32	0 58	15 13	0 26	7 40	1 2	2 9	2 44	15 32	0 46	4 30	1 23	26 17	5 43	4 42	4 58	21 59	0 47	4 22
W21	2 11	26 44	4 32	8 40	0 53	12 8	1 0	15 27	0 26	7 45	1 2	2 11	2 44	15 33	0 46	4 29	1 23	26 17	5 43	4 42	5 0	22 1	0 46	4 22
T 22	2 35	23 29	3 48	8 39	1 5	11 45	1 3	15 40	0 27	7 50	1 2	2 12	2 44	15 33	0 46	4 28	1 23	26 17	5 43	4 41	5 1	22 3	0 44	4 22
F 23	2 58	19 5	2 52	8 36	1 16	11 21	1 5	15 54	0 27	7 56	1 2	2 14	2 44	15 34	0 46	4 27	1 23	26 17	5 43	4 41	5 2	22 5	0 43	4 22
S 24	3 21	13 52	1 49	8 30	1 26	10 57	1 7	16 7	0 28	8 1	1 2	2 16	2 44	15 34	0 46	4 26	1 23	26 17	5 44	4 40	5 3	22 8	0 41	4 22
S 25	3 45	8 11	0 41	8 22	1 35	10 32	1 10	16 20	0 29	8 6	1 2	2 18	2 44	15 35	0 46	4 25	1 23	26 17	5 44	4 40	5 5	22 10	0 40	4 22
M26	4 8	2 16	0n28	8 13	1 44	10 7	1 12	16 33	0 29	8 12	1 2	2 20	2 44	15 35	0 46	4 25	1 23	26 17	5 44	4 40	5 6	22 12	0 39	4 22
T 27	4 31	3n39	1 34	8 1	1 53	9 42	1 14	16 46	0 30	8 17	1 1	2 21	2 44	15 36	0 46	4 24	1 23	26 17	5 44	4 40	5 7	22 14	0 37	4 22
W28	4 54	9 21	2 35	7 48	2 0	9 16	1 16	16 58	0 30	8 22	1 1	2 23	2 44	15 36	0 46	4 23	1 23	26 17	5 44	4 41	5 8	22 17	0 36	4 22
T 29	5 17	14 40	3 28	7 32	2 7	8 51	1 18	17 11	0 31	8 28	1 1	2 25	2 44	15 36	0 46	4 22	1 23	26 18	5 45	4 43	5 10	22 19	0 35	4 22
F 30	5 40	19 24	4 12	7 15	2 14	8 25	1 19	17 23	0 31	8 33	1 1	2 27	2 44	15 37	0 46	4 21	1 23	26 18	5 45	4 44	5 11	22 21	0 33	4 22
S 31	6n 3	23n20	4n45	6s56	2s20	7s59	1s21	17n36	0n32	8n38	1s 1	2n28	2n44	15n37	0n46	4s20	1s23	26s18	5s45	4s46	5s12	22n23	0s32	4n22

Julian Day Number = 2100611.5, Delta T = 21m26s
Ecliptic obliquity = 23°33'59, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'50, Lahiri = 10°27'51 Julian Calendar 1 March 1039 == Greg. Calendar 7 March 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

APRIL 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 57 32	16♈14'18	5♊21	19♓ 0	14♓10	17♉58	24♈51	29°R59	19°R59	22♓21	28♎ 3	17°R55	16♓51	20♉33	18♓36	S 1
M 2	13 1 28	17°12'47	17°14	20° 8	15°22	18°39	25° 6	29♍55	19♌58	22°23	28° 3	17♓51	16°47	20°40	18°39	M 2
T 3	13 5 25	18°11'14	29°13	21°17	16°34	19°20	25°20	29°51	19°56	22°25	28° 4	17°48	16°44	20°46	18°42	T 3
W 4	13 9 21	19° 9'39	11♋21	22°29	17°47	20° 0	25°34	29°46	19°56	22°27	28° 4	17°47	16°41	20°53	18°45	W 4
T 5	13 13 18	20° 8'01	23°43	23°44	18°59	20°41	25°48	29°42	19°55	22°29	28° 5	17°D46	16°38	21° 0	18°49	T 5
F 6	13 17 14	21° 6'22	6♌24	25° 0	20°11	21°22	26° 3	29°38	19°54	22°31	28° 5	17°47	16°35	21° 7	18°52	F 6
S 7	13 21 11	22° 4'40	19°27	26°19	21°23	22° 2	26°17	29°34	19°53	22°33	28° 6	17°49	16°32	21°13	18°55	S 7
S 8	13 25 7	23° 2'56	2♍57	27°40	22°36	22°43	26°31	29°30	19°52	22°35	28° 6	17°50	16°28	21°20	18°58	S 8
M 9	13 29 4	24° 1'10	16°53	29° 3	23°48	23°24	26°46	29°26	19°51	22°37	28° 7	17°R51	16°25	21°27	19° 1	M 9
T 10	13 33 1	24°59'22	1♎17	0♈28	25° 1	24° 4	27° 0	29°22	19°51	22°39	28° 7	17°50	16°22	21°33	19° 4	T 10
W11	13 36 57	25°57'31	16° 3	1°55	26°13	24°45	27°14	29°18	19°50	22°41	28° 8	17°48	16°19	21°40	19° 7	W11
T 12	13 40 54	26°55'40	1♏ 6	3°25	27°25	25°25	27°28	29°14	19°50	22°43	28° 8	17°44	16°16	21°47	19°10	T 12
F 13	13 44 50	27°53'46	16°17	4°56	28°38	26° 5	27°43	29°10	19°49	22°45	28° 8	17°38	16°12	21°53	19°13	F 13
S 14	13 48 47	28°51'51	1♐25	6°29	29°50	26°46	27°57	29° 7	19°49	22°47	28° 8	17°32	16° 9	22° 0	19°16	S 14
S 15	13 52 43	29°49'54	16°21	8° 4	1♈ 3	27°26	28°11	29° 3	19°48	22°49	28° 9	17°27	16° 6	22° 7	19°19	S 15
M16	13 56 40	0♉47'56	0♎57	9°41	2°15	28° 6	28°26	28°59	19°48	22°51	28° 9	17°22	16° 3	22°14	19°22	M16
T 17	14 0 36	1°45'57	15° 8	11°20	3°28	28°47	28°40	28°56	19°48	22°53	28° 9	17°19	16° 0	22°20	19°25	T 17
W18	14 4 33	2°43'56	28°54	13° 1	4°40	29°27	28°54	28°52	19°47	22°55	28° 9	17°D18	15°57	22°27	19°27	W18
T 19	14 8 30	3°41'54	12♒16	14°43	5°53	0♊ 7	29° 8	28°49	19°47	22°56	28°10	17°18	15°53	22°34	19°30	T 19
F 20	14 12 26	4°39'50	25°14	16°28	7° 5	0°47	29°23	28°46	19°47	22°58	28°10	17°19	15°50	22°40	19°33	F 20
S 21	14 16 23	5°37'45	7♓54	18°15	8°18	1°28	29°37	28°42	19°47	23° 0	28°10	17°20	15°47	22°47	19°36	S 21
S 22	14 20 19	6°35'39	20°19	20° 4	9°30	2° 8	29°51	28°39	19°D47	23° 2	28°10	17°R20	15°44	22°54	19°38	S 22
M23	14 24 16	7°33'31	2♈32	21°54	10°43	2°48	0♉ 5	28°36	19°47	23° 4	28°10	17°19	15°41	23° 1	19°41	M23
T 24	14 28 12	8°31'22	14°37	23°47	11°56	3°28	0°20	28°33	19°47	23° 5	28°R10	17°16	15°37	23° 7	19°44	T 24
W25	14 32 9	9°29'12	26°35	25°41	13° 8	4° 8	0°34	28°30	19°47	23° 7	28°10	17°10	15°34	23°14	19°46	W25
T 26	14 36 5	10°27'00	8♉30	27°37	14°21	4°48	0°48	28°27	19°47	23° 9	28°10	17° 2	15°31	23°21	19°49	T 26
F 27	14 40 2	11°24'47	20°22	29°36	15°33	5°28	1° 2	28°25	19°48	23°10	28°10	16°52	15°28	23°27	19°51	F 27
S 28	14 43 59	12°22'32	2♊13	1♉36	16°46	6° 8	1°16	28°22	19°48	23°12	28°10	16°41	15°25	23°34	19°54	S 28
S 29	14 47 55	13°20'16	14° 5	3°37	17°59	6°48	1°30	28°19	19°48	23°14	28° 9	16°31	15°22	23°41	19°56	S 29
M30	14 51 52	14♉17'58	26♊ 1	5♉41	19♈11	7♊28	1♉45	28♍17	19♌49	23♓15	28♎ 9	16♓21	15♓18	23♉48	19♓58	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n25	26n18	5n 5	6s36	2s25	7s32	1s23	17n48	0n32	8n44	1s 1	2n30	2n43	15n37	0n46	4s20	1s23	26s18	5s45	4s48	5s13	22n26	0s31	4n22
M 2	6 48	28 8	5 12	6 13	2 30	7 6	1 24	18 0	0 33	8 49	1 1	2 32	2 43	15 38	0 46	4 19	1 23	26 18	5 46	4 50	5 15	22 28	0 29	4 22
T 3	7 10	28 40	5 6	5 49	2 34	6 39	1 26	18 11	0 33	8 54	1 1	2 33	2 43	15 38	0 46	4 18	1 23	26 18	5 46	4 51	5 16	22 30	0 28	4 23
W 4	7 32	27 50	4 47	5 24	2 37	6 12	1 27	18 23	0 34	8 59	1 1	2 35	2 43	15 38	0 46	4 17	1 23	26 18	5 46	4 51	5 17	22 32	0 27	4 23
T 5	7 55	25 38	4 13	4 57	2 40	5 45	1 29	18 34	0 34	9 5	1 1	2 37	2 43	15 38	0 46	4 16	1 23	26 18	5 46	4 51	5 18	22 34	0 25	4 23
F 6	8 17	22 7	3 27	4 28	2 42	5 17	1 30	18 46	0 35	9 10	1 1	2 38	2 43	15 39	0 46	4 16	1 23	26 18	5 47	4 51	5 19	22 37	0 24	4 23
S 7	8 39	17 25	2 29	3 58	2 44	4 50	1 31	18 57	0 36	9 15	1 1	2 40	2 43	15 39	0 46	4 15	1 23	26 18	5 47	4 51	5 21	22 39	0 23	4 23
S 8	9 0	11 44	1 20	3 27	2 45	4 22	1 32	19 8	0 36	9 21	1 1	2 41	2 43	15 39	0 45	4 14	1 23	26 19	5 47	4 50	5 22	22 41	0 22	4 23
M 9	9 22	5 17	0 5	2 54	2 45	3 54	1 33	19 19	0 37	9 26	1 1	2 43	2 43	15 39	0 45	4 13	1 24	26 19	5 47	4 50	5 23	22 43	0 20	4 23
T 10	9 43	1s37	1s12	2 20	2 45	3 26	1 34	19 29	0 37	9 31	1 1	2 44	2 43	15 40	0 45	4 13	1 24	26 19	5 47	4 50	5 24	22 45	0 19	4 23
W11	10 5	8 37	2 27	1 44	2 44	2 58	1 35	19 40	0 37	9 36	1 0	2 46	2 43	15 40	0 45	4 12	1 24	26 19	5 48	4 51	5 26	22 47	0 18	4 23
T 12	10 26	15 15	3 33	1 8	2 43	2 30	1 36	19 50	0 38	9 41	1 0	2 47	2 42	15 40	0 45	4 11	1 24	26 19	5 48	4 52	5 27	22 50	0 16	4 23
F 13	10 47	21 1	4 25	0 30	2 41	2 2	1 37	20 0	0 38	9 47	1 0	2 49	2 42	15 40	0 45	4 10	1 24	26 19	5 48	4 55	5 28	22 52	0 15	4 23
S 14	11 8	25 24	4 57	0n10	2 39	1 33	1 37	20 10	0 39	9 52	1 0	2 50	2 42	15 40	0 45	4 10	1 24	26 20	5 48	4 57	5 29	22 54	0 14	4 23
S 15	11 28	27 59	5 9	0 50	2 36	1 5	1 38	20 20	0 39	9 57	1 0	2 51	2 42	15 40	0 45	4 9	1 24	26 20	5 49	4 59	5 31	22 56	0 13	4 24
M16	11 49	28 34	5 1	1 31	2 32	0 36	1 39	20 29	0 40	10 2	1 0	2 53	2 42	15 40	0 45	4 8	1 24	26 20	5 49	5 1	5 32	22 58	0 12	4 24
T 17	12 9	27 14	4 34	2 14	2 28	0 8	1 39	20 39	0 40	10 7	1 0	2 54	2 42	15 40	0 45	4 7	1 24	26 20	5 49	5 2	5 33	23 0	0 10	4 24
W18	12 29	24 16	3 52	2 58	2 24	0n21	1 39	20 48	0 41	10 12	1 0	2 55	2 42	15 40	0 45	4 7	1 24	26 20	5 49	5 3	5 34	23 2	0 9	4 24
T 19	12 49	20 3	2 58	3 42	2 19	0 49	1 40	20 57	0 41	10 17	1 0	2 56	2 42	15 40	0 45	4 6	1 24	26 21	5 50	5 3	5 36	23 4	0 8	4 24
F 20	13 9	15 0	1 56	4 28	2 13	1 18	1 40	21 6	0 42	10 23	1 0	2 58	2 41	15 40	0 45	4 5	1 24	26 21	5 50	5 2	5 37	23 6	0 7	4 24
S 21	13 28	9 26	0 51	5 14	2 7	1 47	1 40	21 15	0 42	10 28	1 0	2 59	2 41	15 40	0 45	4 5	1 24	26 21	5 50	5 2	5 38	23 9	0 6	4 24
S 22	13 47	3 36	0n16	6 2	2 0	2 15	1 40	21 24	0 43	10 33	1 0	3 0	2 41	15 40	0 45	4 4	1 24	26 21	5 50	5 2	5 39	23 11	0 4	4 24
M23	14 6	2n15	1 21	6 50	1 53	2 44	1 40	21 32	0 43	10 38	1 0	3 1	2 41	15 40	0 45	4 3	1 24	26 21	5 51	5 2	5 41	23 13	0 3	4 24
T 24	14 25	7 58	2 21	7 39	1 45	3 12	1 40	21 40	0 43	10 43	1 0	3 2	2 41	15 40	0 45	4 3	1 24	26 22	5 51	5 4	5 42	23 15	0 2	4 25
W25	14 44	13 20	3 15	8 28	1 37	3 41	1 40	21 48	0 44	10 48	1 0	3 3	2 41	15 40	0 45	4 2	1 24	26 22	5 51	5 6	5 43	23 17	0 1	4 25
T 26	15 2	18 11	3 59	9 18	1 29	4 9	1 40	21 56	0 44	10 53	1 0	3 4	2 40	15 40	0 45	4 1	1 24	26 22	5 51	5 9	5 44	23 19	0n 0	4 25
F 27	15 20	22 19	4 33	10 8	1 20	4 38	1 39	22 4	0 45	10 58	1 0	3 5	2 40	15 40	0 45	4 1	1 24	26 22	5 52	5 13	5 46	23 21	0 1	4 25
S 28	15 38	25 32	4 55	10 59	1 11	5 6	1 39	22 11	0 45	11 3	1 0	3 6	2 40	15 40	0 45	4 0	1 24	26 23	5 52	5 17	5 47	23 23	0 2	4 25
S 29	15 56	27 38	5 4	11 50	1 1	5 34	1 38	22 18	0 46	11 8	1 0	3 7	2 40	15 40	0 45	3 59	1 24	26 23	5 52	5 21	5 48	23 25	0 3	4 25
M30	16n13	28n30	5n 0	12n41	0s51	6n 3	1s38	22n26	0n46	11n12	1s 0	3n 8	2n40	15n39	0n45	3s59	1s24	26s23	5s52	5s25	5s49	23n27	0n 5	4n25

Julian Day Number = 2100642.5, Delta T = 21m25s
Ecliptic obliquity = 23°33'59, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'54, Lahiri = 10°27'55 Julian Calendar 1 Apr. 1039 == Greg. Calendar 7 Apr. 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

MAY 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 55 48	15♉15'39	8♋ 1	7♉46	20♈24	8♊ 7	1♉59	28°R14	19♌49	23♓17	28°R 9	16°R13	15♓15	23♉54	20♓ 1	T 1
W 2	14 59 45	16°13'19	20°10	9°53	21°37	8°47	2°13	28♍12	19°50	23°18	28♑ 9	16♓ 8	15°12	24° 1	20° 3	W 2
T 3	15 3 41	17°10'56	2♌31	12° 1	22°49	9°27	2°27	28°10	19°50	23°20	28° 9	16° 5	15° 9	24° 8	20° 5	T 3
F 4	15 7 38	18° 8'33	15° 9	14°10	24° 2	10° 7	2°41	28° 7	19°51	23°21	28° 8	16°D 4	15° 6	24°14	20° 8	F 4
S 5	15 11 34	19° 6'07	28° 6	16°20	25°15	10°47	2°55	28° 5	19°51	23°23	28° 8	16° 4	15° 3	24°21	20°10	S 5
S 6	15 15 31	20° 3'40	11♍29	18°31	26°28	11°26	3° 9	28° 3	19°52	23°24	28° 8	16°R 4	14°59	24°28	20°12	S 6
M 7	15 19 28	21° 1'12	25°18	20°43	27°40	12° 6	3°23	28° 2	19°53	23°26	28° 8	16° 4	14°56	24°35	20°14	M 7
T 8	15 23 24	21°58'42	9♎36	22°54	28°53	12°46	3°37	28° 0	19°54	23°27	28° 7	16° 2	14°53	24°41	20°16	T 8
W 9	15 27 21	22°56'11	24°20	25° 6	0♉ 6	13°25	3°50	27°58	19°55	23°28	28° 7	15°58	14°50	24°48	20°18	W 9
T 10	15 31 17	23°53'38	9♏25	27°18	1°18	14° 5	4° 4	27°56	19°55	23°30	28° 6	15°51	14°47	24°55	20°20	T 10
F 11	15 35 14	24°51'05	24°43	29°29	2°31	14°44	4°18	27°55	19°56	23°31	28° 6	15°42	14°43	25° 1	20°22	F 11
S 12	15 39 10	25°48'30	10♐ 2	1♊39	3°44	15°24	4°32	27°53	19°57	23°32	28° 5	15°32	14°40	25° 8	20°24	S 12
S 13	15 43 7	26°45'55	25°11	3°48	4°57	16° 3	4°45	27°52	19°59	23°34	28° 5	15°23	14°37	25°15	20°26	S 13
M14	15 47 3	27°43'19	10♑ 1	5°56	6°10	16°43	4°59	27°51	20° 0	23°35	28° 5	15°15	14°34	25°22	20°28	M14
T 15	15 51 0	28°40'42	24°24	8° 2	7°23	17°22	5°13	27°50	20° 1	23°36	28° 4	15° 8	14°31	25°28	20°29	T 15
W16	15 54 57	29°38'04	8♒18	10° 7	8°35	18° 2	5°26	27°49	20° 2	23°37	28° 3	15° 5	14°28	25°35	20°31	W16
T 17	15 58 53	0♊35'26	21°43	12° 9	9°48	18°41	5°40	27°48	20° 3	23°38	28° 3	15° 3	14°24	25°42	20°33	T 17
F 18	16 2 50	1°32'46	4♓42	14°10	11° 1	19°20	5°54	27°47	20° 5	23°40	28° 2	15°D 3	14°21	25°48	20°34	F 18
S 19	16 6 46	2°30'07	17°19	16° 9	12°14	20° 0	6° 7	27°46	20° 6	23°41	28° 2	15°R 3	14°18	25°55	20°36	S 19
S 20	16 10 43	3°27'27	29°38	18° 5	13°27	20°39	6°21	27°45	20° 8	23°42	28° 1	15° 2	14°15	26° 2	20°38	S 20
M21	16 14 39	4°24'46	11♈44	19°59	14°40	21°18	6°34	27°45	20° 9	23°43	28° 0	15° 0	14°12	26° 9	20°39	M21
T 22	16 18 36	5°22'04	23°42	21°51	15°53	21°57	6°47	27°44	20°11	23°44	28° 0	14°55	14° 9	26°15	20°40	T 22
W23	16 22 32	6°19'23	5♉35	23°40	17° 6	22°37	7° 1	27°44	20°12	23°45	27°59	14°47	14° 5	26°22	20°42	W23
T 24	16 26 29	7°16'40	17°26	25°27	18°19	23°16	7°14	27°44	20°14	23°46	27°58	14°36	14° 2	26°29	20°43	T 24
F 25	16 30 26	8°13'57	29°17	27°12	19°32	23°55	7°27	27°44	20°15	23°47	27°57	14°23	13°59	26°35	20°44	F 25
S 26	16 34 22	9°11'14	11♊10	28°54	20°45	24°34	7°40	27°D44	20°17	23°47	27°57	14°10	13°56	26°42	20°46	S 26
S 27	16 38 19	10° 8'30	23° 6	0♋33	21°58	25°13	7°53	27°44	20°19	23°48	27°56	13°56	13°53	26°49	20°47	S 27
M28	16 42 15	11° 5'45	5♋ 7	2°10	23°11	25°53	8° 6	27°44	20°21	23°49	27°55	13°43	13°49	26°56	20°48	M28
T 29	16 46 12	12° 3'00	17°14	3°45	24°24	26°32	8°19	27°44	20°23	23°50	27°54	13°33	13°46	27° 2	20°49	T 29
W30	16 50 8	13° 0'14	29°30	5°17	25°37	27°11	8°32	27°44	20°25	23°51	27°53	13°25	13°43	27° 9	20°50	W30
T 31	16 54 5	13♊57'28	11♌56	6♋46	26♉50	27♊50	8♉45	27♍45	20♌26	23♓51	27♑52	13♓20	13♓40	27♉16	20♓51	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n30	28n 2	4n43	13n31	0s41	6n31	1s37	22n32	0n46	11n17	1s 0	3n 8	2n39	15n39	0n45	3s58	1s24	26s23	5s52	5s28	5s50	23n29	0n 6	4n26
W 2	16 47	26 12	4 13	14 22	0 31	6 58	1 37	22 39	0 47	11 22	1 0	3 9	2 39	15 39	0 45	3 58	1 24	26 24	5 53	5 30	5 52	23 31	0 7	4 26
T 3	17 3	23 7	3 30	15 12	0 20	7 26	1 36	22 46	0 47	11 27	1 0	3 10	2 39	15 39	0 45	3 57	1 24	26 24	5 53	5 31	5 53	23 33	0 8	4 26
F 4	17 19	18 53	2 37	16 1	0 10	7 54	1 35	22 52	0 48	11 32	1 0	3 11	2 39	15 39	0 45	3 57	1 24	26 24	5 53	5 32	5 54	23 35	0 9	4 26
S 5	17 35	13 40	1 34	16 49	0n 1	8 21	1 34	22 58	0 48	11 37	1 0	3 11	2 39	15 38	0 44	3 56	1 25	26 24	5 53	5 32	5 55	23 37	0 10	4 26
S 6	17 51	7 40	0 24	17 37	0 11	8 49	1 33	23 4	0 48	11 42	1 0	3 12	2 39	15 38	0 44	3 56	1 25	26 25	5 54	5 31	5 57	23 39	0 11	4 26
M 7	18 6	1 8	0s49	18 22	0 22	9 16	1 32	23 10	0 49	11 46	1 0	3 12	2 38	15 38	0 44	3 55	1 25	26 25	5 54	5 31	5 58	23 41	0 12	4 27
T 8	18 21	5s41	2 2	19 7	0 32	9 43	1 31	23 16	0 49	11 51	1 0	3 13	2 38	15 38	0 44	3 54	1 25	26 25	5 54	5 32	5 59	23 43	0 13	4 27
W 9	18 36	12 24	3 8	19 49	0 42	10 9	1 30	23 21	0 49	11 56	1 0	3 13	2 38	15 37	0 44	3 54	1 25	26 26	5 54	5 34	6 0	23 45	0 14	4 27
T 10	18 51	18 33	4 4	20 30	0 52	10 36	1 29	23 26	0 50	12 0	1 0	3 14	2 38	15 37	0 44	3 53	1 25	26 26	5 55	5 37	6 2	23 47	0 14	4 27
F 11	19 5	23 36	4 42	21 8	1 1	11 2	1 28	23 31	0 50	12 5	1 0	3 14	2 37	15 37	0 44	3 53	1 25	26 26	5 55	5 40	6 3	23 49	0 15	4 27
S 12	19 19	27 1	5 1	21 44	1 10	11 28	1 27	23 36	0 51	12 10	1 0	3 15	2 37	15 36	0 44	3 53	1 25	26 27	5 55	5 44	6 4	23 51	0 16	4 27
S 13	19 32	28 26	4 58	22 18	1 18	11 54	1 25	23 40	0 51	12 14	1 0	3 15	2 37	15 36	0 44	3 52	1 25	26 27	5 55	5 48	6 5	23 53	0 17	4 28
M14	19 45	27 45	4 35	22 49	1 26	12 20	1 24	23 45	0 51	12 19	1 0	3 15	2 37	15 35	0 44	3 52	1 25	26 27	5 55	5 51	6 6	23 55	0 18	4 28
T 15	19 58	25 12	3 54	23 18	1 33	12 45	1 22	23 49	0 52	12 24	1 0	3 16	2 37	15 35	0 44	3 51	1 25	26 28	5 56	5 53	6 8	23 57	0 19	4 28
W16	20 11	21 12	3 2	23 43	1 39	13 10	1 21	23 53	0 52	12 28	1 0	3 16	2 36	15 35	0 44	3 51	1 25	26 28	5 56	5 55	6 9	23 59	0 20	4 28
T 17	20 23	16 14	2 0	24 7	1 45	13 35	1 19	23 57	0 52	12 33	1 0	3 16	2 36	15 34	0 44	3 50	1 25	26 28	5 56	5 55	6 10	24 1	0 21	4 28
F 18	20 35	10 41	0 55	24 27	1 50	13 59	1 18	24 1	0 53	12 37	1 0	3 16	2 36	15 34	0 44	3 50	1 25	26 29	5 56	5 55	6 11	24 3	0 21	4 28
S 19	20 46	4 51	0n12	24 45	1 55	14 23	1 16	24 4	0 53	12 42	1 0	3 16	2 36	15 33	0 44	3 50	1 25	26 29	5 57	5 55	6 13	24 5	0 22	4 29
S 20	20 57	1n 1	1 16	25 0	1 58	14 47	1 14	24 7	0 53	12 46	1 0	3 16	2 35	15 33	0 44	3 49	1 25	26 29	5 57	5 56	6 14	24 7	0 23	4 29
M21	21 8	6 45	2 16	25 12	2 1	15 10	1 12	24 10	0 54	12 50	1 0	3 16	2 35	15 32	0 44	3 49	1 25	26 30	5 57	5 57	6 15	24 8	0 24	4 29
T 22	21 19	12 10	3 9	25 22	2 3	15 33	1 11	24 13	0 54	12 55	1 0	3 16	2 35	15 32	0 44	3 48	1 25	26 30	5 57	5 58	6 16	24 10	0 24	4 29
W23	21 29	17 7	3 53	25 30	2 5	15 56	1 9	24 16	0 54	12 59	1 0	3 16	2 35	15 31	0 44	3 48	1 25	26 30	5 57	6 2	6 18	24 12	0 25	4 29
T 24	21 38	21 23	4 27	25 35	2 6	16 18	1 7	24 18	0 55	13 3	1 0	3 16	2 34	15 31	0 44	3 48	1 25	26 31	5 58	6 6	6 19	24 14	0 26	4 29
F 25	21 48	24 48	4 49	25 38	2 5	16 40	1 5	24 20	0 55	13 8	1 0	3 16	2 34	15 30	0 44	3 48	1 26	26 31	5 58	6 11	6 20	24 16	0 26	4 30
S 26	21 57	27 10	4 59	25 38	2 5	17 1	1 3	24 22	0 55	13 12	1 0	3 16	2 34	15 29	0 44	3 47	1 26	26 31	5 58	6 16	6 21	24 18	0 27	4 30
S 27	22 5	28 18	4 56	25 37	2 3	17 22	1 1	24 24	0 55	13 16	1 0	3 15	2 34	15 29	0 44	3 47	1 26	26 32	5 58	6 21	6 22	24 20	0 28	4 30
M28	22 13	28 7	4 39	25 34	2 1	17 43	0 59	24 26	0 56	13 20	1 0	3 15	2 34	15 28	0 44	3 47	1 26	26 32	5 58	6 26	6 24	24 22	0 28	4 30
T 29	22 21	26 35	4 10	25 29	1 58	18 3	0 57	24 27	0 56	13 25	1 0	3 15	2 33	15 28	0 44	3 46	1 26	26 33	5 59	6 30	6 25	24 23	0 29	4 30
W30	22 29	23 46	3 29	25 22	1 54	18 23	0 55	24 29	0 56	13 29	1 0	3 14	2 33	15 27	0 44	3 46	1 26	26 33	5 59	6 33	6 26	24 25	0 30	4 31
T 31	22n36	19n49	2n37	25n13	1n50	18n42	0s53	24n30	0n57	13n33	1s 0	3n14	2n33	15n26	0n44	3s46	1s26	26s33	5s59	6s35	6s27	24n27	0n30	4n31

Julian Day Number = 2100672.5, Delta T = 21m25s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°20'58, Lahiri = 10°27'59 Julian Calendar 1 May 1039 == Greg. Calendar 7 May 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

JUNE 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 58 2	14♊54'40	24♌36	8♋13	28♉ 3	28♊29	8♉58	27♍45	20♌28	23♓52	27°R51	13°R17	13♓37	27♉23	20♓52	F 1
S 2	17 1 58	15°51'52	7♍33	9°37	29°16	29° 8	9°11	27°46	20°31	23°53	27♂50	13♓16	13°34	27°29	20°53	S 2
S 3	17 5 55	16°49'04	20°50	10°58	0♊29	29°47	9°24	27°47	20°33	23°53	27°49	13°16	13°30	27°36	20°54	S 3
M 4	17 9 51	17°46'14	4♎32	12°17	1°42	0♋26	9°36	27°48	20°35	23°54	27°49	13°16	13°27	27°43	20°55	M 4
T 5	17 13 48	18°43'24	18°39	13°33	2°56	1° 5	9°49	27°49	20°37	23°55	27°48	13°14	13°24	27°49	20°55	T 5
W 6	17 17 44	19°40'34	3♏11	14°46	4° 9	1°44	10° 1	27°50	20°39	23°55	27°47	13° 9	13°21	27°56	20°56	W 6
T 7	17 21 41	20°37'43	18° 5	15°57	5°22	2°23	10°14	27°51	20°41	23°56	27°46	13° 2	13°18	28° 3	20°57	T 7
F 8	17 25 37	21°34'52	3♐13	17° 4	6°35	3° 1	10°26	27°52	20°44	23°56	27°44	12°53	13°15	28°10	20°57	F 8
S 9	17 29 34	22°32'00	18°27	18° 9	7°48	3°40	10°38	27°53	20°46	23°56	27°43	12°42	13°11	28°16	20°58	S 9
S 10	17 33 31	23°29'09	3♑35	19°10	9° 1	4°19	10°51	27°55	20°48	23°57	27°42	12°32	13° 8	28°23	20°58	S 10
M11	17 37 27	24°26'17	18°27	20° 8	10°15	4°58	11° 3	27°56	20°51	23°57	27°41	12°23	13° 5	28°30	20°59	M11
T 12	17 41 24	25°23'25	2♒55	21° 3	11°28	5°37	11°15	27°58	20°53	23°58	27°40	12°16	13° 2	28°36	20°59	T 12
W13	17 45 20	26°20'34	16°55	21°55	12°41	6°16	11°27	28° 0	20°56	23°58	27°39	12°11	12°59	28°43	20°59	W13
T 14	17 49 17	27°17'42	0♓26	22°43	13°55	6°54	11°39	28° 2	20°58	23°58	27°38	12° 9	12°55	28°50	21° 0	T 14
F 15	17 53 13	28°14'51	13°29	23°28	15° 8	7°33	11°51	28° 4	21° 1	23°58	27°37	12°D 9	12°52	28°57	21° 0	F 15
S 16	17 57 10	29°12'00	26° 8	24° 9	16°21	8°12	12° 2	28° 6	21° 4	23°59	27°36	12°R 9	12°49	29° 3	21° 0	S 16
S 17	18 1 6	0♋ 9'10	8♈28	24°45	17°35	8°51	12°14	28° 8	21° 6	23°59	27°34	12° 9	12°46	29°10	21° 0	S 17
M18	18 5 3	1° 6'20	20°34	25°18	18°48	9°29	12°26	28°10	21° 9	23°59	27°33	12° 7	12°43	29°17	21° 0	M18
T 19	18 9 0	2° 3'30	2♉30	25°47	20° 1	10° 8	12°37	28°12	21°12	23°59	27°32	12° 3	12°40	29°23	21°R 0	T 19
W20	18 12 56	3° 0'41	14°22	26°12	21°15	10°47	12°49	28°15	21°14	23°59	27°31	11°57	12°36	29°30	21° 0	W20
T 21	18 16 53	3°57'52	26°12	26°32	22°28	11°25	13° 0	28°17	21°17	23°59	27°30	11°48	12°33	29°37	21° 0	T 21
F 22	18 20 49	4°55'04	8♊ 5	26°48	23°42	12° 4	13°11	28°20	21°20	23°R59	27°28	11°37	12°30	29°44	21° 0	F 22
S 23	18 24 46	5°52'16	20° 2	26°59	24°55	12°43	13°23	28°22	21°23	23°59	27°27	11°25	12°27	29°50	21° 0	S 23
S 24	18 28 42	6°49'29	2♋ 5	27° 5	26° 9	13°21	13°34	28°25	21°26	23°59	27°26	11°13	12°24	29°57	21° 0	S 24
M25	18 32 39	7°46'42	14°16	27°R 7	27°22	14° 0	13°45	28°28	21°29	23°59	27°25	11° 2	12°21	0♊ 4	20°59	M25
T 26	18 36 36	8°43'55	26°34	27° 4	28°36	14°38	13°56	28°31	21°32	23°59	27°23	10°53	12°17	0°11	20°59	T 26
W27	18 40 32	9°41'09	9♌ 3	26°56	29°50	15°17	14° 6	28°34	21°35	23°59	27°22	10°47	12°14	0°17	20°58	W27
T 28	18 44 29	10°38'22	21°41	26°43	1♋ 3	15°55	14°17	28°37	21°38	23°59	27°21	10°43	12°11	0°24	20°58	T 28
F 29	18 48 25	11°35'36	4♍32	26°25	2°17	16°34	14°28	28°40	21°41	23°58	27°19	10°41	12° 8	0°31	20°57	F 29
S 30	18 52 22	12♋32'51	17♍37	26♋ 3	3♋30	17♋13	14♉38	28♍43	21♌44	23♓58	27♂18	10°D41	12♓ 5	0♊37	20♓57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n42	14n55	1n37	25n 3	1n45	19n 1	0s50	24n30	0n57	13n37	1s 0	3n14	2n33	15n26	0n44	3s46	1s26	26s34	5s59	6s36	6s29	24n29	0n31	4n31
S 2	22 49	9 15	0 30	24 52	1 39	19 19	0 48	24 31	0 57	13 41	1 0	3 13	2 32	15 25	0 43	3 45	1 26	26 34	5 59	6 36	6 30	24 31	0 31	4 31
S 3	22 55	3 2	0s40	24 39	1 33	19 37	0 46	24 31	0 58	13 45	1 0	3 13	2 32	15 24	0 43	3 45	1 26	26 34	6 0	6 36	6 31	24 33	0 32	4 31
M 4	23 0	3s29	1 50	24 26	1 26	19 54	0 44	24 32	0 58	13 49	1 0	3 12	2 32	15 24	0 43	3 45	1 26	26 35	6 0	6 37	6 32	24 34	0 32	4 32
T 5	23 5	10 2	2 55	24 11	1 19	20 11	0 41	24 32	0 58	13 53	1 0	3 11	2 32	15 23	0 43	3 45	1 26	26 35	6 0	6 38	6 33	24 36	0 33	4 32
W 6	23 10	16 15	3 51	23 55	1 11	20 27	0 39	24 32	0 58	13 57	1 0	3 11	2 31	15 22	0 43	3 45	1 26	26 36	6 0	6 39	6 35	24 38	0 33	4 32
T 7	23 14	21 40	4 33	23 38	1 2	20 42	0 37	24 31	0 59	14 1	1 0	3 10	2 31	15 21	0 43	3 45	1 26	26 36	6 0	6 42	6 36	24 40	0 34	4 32
F 8	23 18	25 45	4 56	23 20	0 53	20 57	0 34	24 31	0 59	14 4	1 0	3 9	2 31	15 21	0 43	3 44	1 26	26 36	6 0	6 46	6 37	24 42	0 34	4 32
S 9	23 21	28 1	4 59	23 2	0 43	21 12	0 32	24 30	0 59	14 8	1 0	3 9	2 31	15 20	0 43	3 44	1 26	26 37	6 1	6 50	6 38	24 43	0 34	4 33
S 10	23 24	28 12	4 41	22 43	0 33	21 26	0 30	24 29	0 59	14 12	1 0	3 8	2 30	15 19	0 43	3 44	1 26	26 37	6 1	6 54	6 40	24 45	0 35	4 33
M11	23 27	26 19	4 4	22 24	0 22	21 39	0 27	24 28	1 0	14 16	1 0	3 7	2 30	15 18	0 43	3 44	1 26	26 38	6 1	6 57	6 41	24 47	0 35	4 33
T 12	23 29	22 43	3 12	22 5	0 10	21 52	0 25	24 27	1 0	14 19	1 1	3 6	2 30	15 17	0 43	3 44	1 26	26 38	6 1	7 0	6 42	24 49	0 35	4 33
W13	23 31	17 54	2 9	21 45	0s 2	22 4	0 22	24 25	1 0	14 23	1 1	3 5	2 30	15 17	0 43	3 44	1 27	26 38	6 1	7 1	6 43	24 50	0 36	4 33
T 14	23 32	12 20	1 2	21 25	0 14	22 16	0 20	24 23	1 0	14 27	1 1	3 4	2 29	15 16	0 43	3 44	1 27	26 39	6 2	7 2	6 45	24 52	0 36	4 34
F 15	23 33	6 25	0n 7	21 5	0 27	22 26	0 18	24 22	1 1	14 30	1 1	3 3	2 29	15 15	0 43	3 44	1 27	26 39	6 2	7 2	6 46	24 54	0 36	4 34
S 16	23 34	0 25	1 13	20 45	0 40	22 37	0 15	24 19	1 1	14 34	1 1	3 2	2 29	15 14	0 43	3 44	1 27	26 40	6 2	7 2	6 47	24 56	0 37	4 34
S 17	23 34	5n26	2 15	20 25	0 53	22 46	0 13	24 17	1 1	14 37	1 1	3 1	2 29	15 13	0 43	3 44	1 27	26 40	6 2	7 2	6 48	24 57	0 37	4 34
M18	23 34	10 59	3 9	20 5	1 7	22 55	0 10	24 15	1 1	14 41	1 1	3 0	2 29	15 12	0 43	3 44	1 27	26 40	6 2	7 3	6 49	24 59	0 37	4 34
T 19	23 33	16 3	3 54	19 46	1 22	23 4	0 8	24 12	1 2	14 44	1 1	2 59	2 28	15 11	0 43	3 44	1 27	26 41	6 2	7 5	6 51	25 1	0 37	4 35
W20	23 32	20 30	4 28	19 27	1 36	23 11	0 5	24 9	1 2	14 48	1 1	2 58	2 28	15 10	0 43	3 44	1 27	26 41	6 2	7 7	6 52	25 2	0 37	4 35
T 21	23 30	24 7	4 51	19 9	1 51	23 18	0 3	24 6	1 2	14 51	1 1	2 57	2 28	15 9	0 43	3 44	1 27	26 41	6 3	7 10	6 53	25 4	0 38	4 35
F 22	23 28	26 44	5 1	18 52	2 5	23 24	0 0	24 3	1 2	14 55	1 1	2 55	2 28	15 9	0 43	3 44	1 27	26 42	6 3	7 15	6 54	25 6	0 38	4 35
S 23	23 26	28 9	4 59	18 35	2 20	23 30	0n 2	24 0	1 3	14 58	1 1	2 54	2 27	15 8	0 43	3 44	1 27	26 42	6 3	7 19	6 55	25 7	0 38	4 35
S 24	23 23	28 15	4 43	18 19	2 35	23 35	0 4	23 56	1 3	15 1	1 1	2 53	2 27	15 7	0 43	3 44	1 27	26 43	6 3	7 24	6 57	25 9	0 38	4 36
M25	23 20	27 0	4 13	18 5	2 49	23 39	0 7	23 52	1 3	15 4	1 1	2 51	2 27	15 6	0 43	3 44	1 27	26 43	6 3	7 28	6 58	25 11	0 38	4 36
T 26	23 17	24 25	3 32	17 51	3 4	23 43	0 9	23 48	1 3	15 8	1 1	2 50	2 27	15 5	0 43	3 44	1 27	26 43	6 3	7 31	6 59	25 12	0 38	4 36
W27	23 13	20 40	2 40	17 39	3 18	23 46	0 12	23 44	1 3	15 11	1 2	2 49	2 26	15 4	0 43	3 44	1 27	26 44	6 3	7 34	7 0	25 14	0 38	4 36
T 28	23 8	15 55	1 40	17 28	3 31	23 48	0 14	23 40	1 4	15 14	1 2	2 47	2 26	15 3	0 43	3 44	1 27	26 44	6 4	7 35	7 2	25 16	0 38	4 36
F 29	23 3	10 25	0 33	17 18	3 44	23 49	0 16	23 35	1 4	15 17	1 2	2 46	2 26	15 2	0 43	3 45	1 27	26 45	6 4	7 36	7 3	25 17	0 38	4 37
S 30	22n58	4n21	0s37	17n10	3s57	23n50	0n19	23n31	1n 4	15n20	1s 2	2n44	2n26	15n 1	0n43	3s45	1s28	26s45	6s 4	7s36	7s 4	25n19	0n38	4n37

Julian Day Number = 2100703.5, Delta T = 21m25s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'03, Lahiri = 10°28'03 Julian Calendar 1 June 1039 == Greg. Calendar 7 June 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

JULY 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 56 18	13♋30'05	0♎58	25°R37	4♋44	17♋51	14♉49	28♍47	21♏47	23°R58	27°R17	10♓42	12♓ 1	0♊44	20°R56	S 1
M 2	19 0 15	14°27'20	14°37	25♋ 7	5°58	18°29	14°59	28°50	21°50	23♓58	27♑15	10°R42	11°58	0°51	20♓56	M 2
T 3	19 4 11	15°24'35	28°37	24°33	7°11	19° 8	15° 9	28°54	21°53	23°57	27°14	10°41	11°55	0°58	20°55	T 3
W 4	19 8 8	16°21'51	12♍56	23°55	8°25	19°46	15°19	28°57	21°57	23°57	27°13	10°39	11°52	1° 4	20°54	W 4
T 5	19 12 5	17°19'07	27°32	23°16	9°39	20°25	15°29	29° 1	22° 0	23°56	27°11	10°34	11°49	1°11	20°53	T 5
F 6	19 16 1	18°16'24	12♐20	22°34	10°53	21° 3	15°39	29° 5	22° 3	23°56	27°10	10°27	11°46	1°18	20°52	F 6
S 7	19 19 58	19°13'41	27°14	21°51	12° 6	21°42	15°49	29° 9	22° 6	23°56	27° 9	10°20	11°42	1°24	20°52	S 7
S 8	19 23 54	20°10'59	12♑ 6	21° 7	13°20	22°20	15°58	29°13	22°10	23°55	27° 7	10°12	11°39	1°31	20°51	S 8
M 9	19 27 51	21° 8'17	26°45	20°24	14°34	22°59	16° 8	29°17	22°13	23°55	27° 6	10° 6	11°36	1°38	20°50	M 9
T 10	19 31 47	22° 5'37	11♒ 6	19°41	15°48	23°37	16°17	29°21	22°16	23°54	27° 5	10° 1	11°33	1°45	20°49	T 10
W11	19 35 44	23° 2'57	25° 3	19° 1	17° 2	24°15	16°27	29°25	22°20	23°53	27° 3	9°58	11°30	1°51	20°47	W11
T 12	19 39 40	24° 0'18	8♓35	18°22	18°16	24°54	16°36	29°29	22°23	23°53	27° 2	9°D57	11°27	1°58	20°46	T 12
F 13	19 43 37	24°57'40	21°40	17°48	19°29	25°32	16°45	29°34	22°26	23°52	27° 0	9°57	11°23	2° 5	20°45	F 13
S 14	19 47 34	25°55'04	4♈23	17°17	20°43	26°10	16°54	29°38	22°30	23°51	26°59	9°59	11°20	2°12	20°44	S 14
S 15	19 51 30	26°52'29	16°46	16°50	21°57	26°49	17° 3	29°43	22°33	23°51	26°58	10° 0	11°17	2°18	20°42	S 15
M16	19 55 27	27°49'55	28°54	16°29	23°11	27°27	17°11	29°47	22°37	23°50	26°56	10°R 0	11°14	2°25	20°41	M16
T 17	19 59 23	28°47'22	10♉52	16°14	24°25	28° 5	17°20	29°52	22°40	23°49	26°55	10° 0	11°11	2°32	20°40	T 17
W18	20 3 20	29°44'51	22°45	16° 4	25°39	28°44	17°28	29°57	22°44	23°48	26°53	9°57	11° 7	2°38	20°38	W18
T 19	20 7 16	0♌42'21	4♊37	16°D 1	26°53	29°22	17°37	0♎ 1	22°47	23°48	26°52	9°53	11° 4	2°45	20°37	T 19
F 20	20 11 13	1°39'52	16°32	16° 5	28° 7	0♌ 0	17°45	0° 6	22°51	23°47	26°51	9°47	11° 1	2°52	20°35	F 20
S 21	20 15 9	2°37'25	28°34	16°15	29°22	0°39	17°53	0°11	22°54	23°46	26°49	9°41	10°58	2°59	20°34	S 21
S 22	20 19 6	3°34'59	10♋45	16°33	0♌36	1°17	18° 1	0°16	22°58	23°45	26°48	9°34	10°55	3° 5	20°32	S 22
M23	20 23 3	4°32'35	23° 6	16°57	1°50	1°55	18° 8	0°21	23° 2	23°44	26°47	9°28	10°52	3°12	20°30	M23
T 24	20 26 59	5°30'12	5♌40	17°28	3° 4	2°33	18°16	0°26	23° 5	23°43	26°45	9°23	10°48	3°19	20°29	T 24
W25	20 30 56	6°27'49	18°25	18° 6	4°18	3°12	18°23	0°31	23° 9	23°42	26°44	9°20	10°45	3°25	20°27	W25
T 26	20 34 52	7°25'29	1♍23	18°51	5°32	3°50	18°31	0°37	23°13	23°41	26°43	9°18	10°42	3°32	20°25	T 26
F 27	20 38 49	8°23'09	14°33	19°43	6°46	4°28	18°38	0°42	23°16	23°40	26°41	9°D18	10°39	3°39	20°23	F 27
S 28	20 42 45	9°20'50	27°56	20°41	8° 1	5° 7	18°45	0°47	23°20	23°39	26°40	9°19	10°36	3°46	20°22	S 28
S 29	20 46 42	10°18'33	11♎31	21°46	9°15	5°45	18°52	0°53	23°24	23°38	26°39	9°21	10°33	3°52	20°20	S 29
M30	20 50 38	11°16'17	25°19	22°57	10°29	6°23	18°58	0°58	23°27	23°37	26°37	9°22	10°29	3°59	20°18	M30
T 31	20 54 35	12♌14'01	9♍19	24♋14	11♌43	7♌ 1	19♉ 5	1♎ 4	23♌31	23♓36	26♑36	9°R23	10♓26	4♊ 6	20♓16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n53	2s 1	1s46	17n 4	4s 8	23n50	0n21	23n26	1n 4	15n23	1s 2	2n43	2n26	15n 0	0n43	3s45	1s28	26s45	6s 4	7s36	7s 5	25n21	0n38	4n37
M 2	22 47	8 25	2 51	16 59	4 19	23 49	0 23	23 21	1 4	15 26	1 2	2 41	2 25	14 59	0 43	3 45	1 28	26 46	6 4	7 36	7 6	25 22	0 38	4 37
T 3	22 40	14 35	3 48	16 56	4 28	23 48	0 26	23 15	1 5	15 29	1 2	2 39	2 25	14 58	0 43	3 45	1 28	26 46	6 4	7 36	7 8	25 24	0 38	4 37
W 4	22 33	20 6	4 31	16 55	4 36	23 46	0 28	23 10	1 5	15 32	1 2	2 38	2 25	14 56	0 43	3 45	1 28	26 47	6 4	7 37	7 9	25 25	0 37	4 38
T 5	22 26	24 33	4 58	16 55	4 42	23 43	0 30	23 4	1 5	15 34	1 2	2 36	2 25	14 55	0 43	3 46	1 28	26 47	6 4	7 39	7 10	25 27	0 37	4 38
F 6	22 19	27 27	5 6	16 57	4 47	23 39	0 32	22 59	1 5	15 37	1 2	2 34	2 25	14 54	0 43	3 46	1 28	26 47	6 4	7 41	7 11	25 29	0 37	4 38
S 7	22 11	28 25	4 53	17 0	4 50	23 35	0 35	22 53	1 5	15 40	1 2	2 33	2 24	14 53	0 43	3 46	1 28	26 48	6 5	7 44	7 13	25 30	0 37	4 38
S 8	22 2	27 20	4 20	17 5	4 52	23 30	0 37	22 47	1 5	15 43	1 2	2 31	2 24	14 52	0 43	3 46	1 28	26 48	6 5	7 47	7 14	25 32	0 37	4 38
M 9	21 54	24 22	3 31	17 12	4 52	23 25	0 39	22 41	1 6	15 45	1 3	2 29	2 24	14 51	0 43	3 47	1 28	26 48	6 5	7 49	7 15	25 33	0 37	4 38
T 10	21 45	19 55	2 29	17 20	4 50	23 18	0 41	22 34	1 6	15 48	1 3	2 27	2 24	14 50	0 43	3 47	1 28	26 49	6 5	7 51	7 16	25 35	0 36	4 39
W11	21 35	14 29	1 19	17 29	4 46	23 11	0 43	22 28	1 6	15 50	1 3	2 25	2 24	14 49	0 43	3 47	1 28	26 49	6 5	7 52	7 17	25 36	0 36	4 39
T 12	21 25	8 31	0 7	17 40	4 41	23 3	0 45	22 21	1 6	15 53	1 3	2 24	2 23	14 48	0 43	3 47	1 28	26 50	6 5	7 53	7 19	25 38	0 36	4 39
F 13	21 15	2 21	1n 3	17 51	4 34	22 55	0 47	22 14	1 6	15 55	1 3	2 22	2 23	14 47	0 43	3 48	1 28	26 50	6 5	7 53	7 20	25 40	0 35	4 39
S 14	21 5	3n43	2 8	18 4	4 25	22 46	0 49	22 7	1 6	15 58	1 3	2 20	2 23	14 45	0 42	3 48	1 28	26 50	6 5	7 52	7 21	25 41	0 35	4 39
S 15	20 54	9 29	3 6	18 17	4 15	22 36	0 51	22 0	1 7	16 0	1 3	2 18	2 23	14 44	0 42	3 48	1 28	26 51	6 5	7 52	7 22	25 43	0 35	4 39
M16	20 42	14 47	3 54	18 31	4 4	22 26	0 53	21 52	1 7	16 3	1 3	2 16	2 23	14 43	0 42	3 49	1 28	26 51	6 5	7 51	7 23	25 44	0 34	4 40
T 17	20 31	19 27	4 31	18 45	3 51	22 15	0 55	21 45	1 7	16 5	1 3	2 14	2 22	14 42	0 42	3 49	1 28	26 51	6 5	7 52	7 25	25 46	0 34	4 40
W18	20 19	23 19	4 56	19 0	3 38	22 3	0 56	21 37	1 7	16 7	1 3	2 12	2 22	14 41	0 42	3 49	1 28	26 52	6 5	7 53	7 26	25 47	0 33	4 40
T 19	20 6	26 13	5 8	19 14	3 23	21 50	0 58	21 29	1 7	16 9	1 4	2 10	2 22	14 40	0 42	3 50	1 28	26 52	6 6	7 54	7 27	25 49	0 33	4 40
F 20	19 54	27 59	5 8	19 29	3 8	21 37	1 0	21 21	1 7	16 12	1 4	2 8	2 22	14 38	0 42	3 50	1 29	26 52	6 6	7 56	7 28	25 50	0 33	4 40
S 21	19 41	28 27	4 53	19 43	2 52	21 24	1 1	21 13	1 7	16 14	1 4	2 5	2 22	14 37	0 42	3 51	1 29	26 53	6 6	7 59	7 30	25 52	0 32	4 40
S 22	19 27	27 32	4 26	19 57	2 36	21 9	1 3	21 5	1 8	16 16	1 4	2 3	2 21	14 36	0 42	3 51	1 29	26 53	6 6	8 1	7 31	25 53	0 32	4 41
M23	19 14	25 16	3 45	20 10	2 20	20 54	1 5	20 56	1 8	16 18	1 4	2 1	2 21	14 35	0 42	3 51	1 29	26 53	6 6	8 4	7 32	25 54	0 31	4 41
T 24	19 0	21 45	2 53	20 23	2 3	20 39	1 6	20 48	1 8	16 20	1 4	1 59	2 21	14 34	0 42	3 52	1 29	26 54	6 6	8 5	7 33	25 56	0 31	4 41
W25	18 45	17 9	1 52	20 34	1 47	20 23	1 8	20 39	1 8	16 22	1 4	1 57	2 21	14 32	0 42	3 52	1 29	26 54	6 6	8 7	7 34	25 57	0 30	4 41
T 26	18 31	11 43	0 43	20 45	1 30	20 6	1 9	20 30	1 8	16 24	1 4	1 54	2 21	14 31	0 42	3 53	1 29	26 54	6 6	8 7	7 36	25 59	0 29	4 41
F 27	18 16	5 40	0s29	20 53	1 14	19 49	1 10	20 21	1 8	16 26	1 4	1 52	2 21	14 30	0 42	3 53	1 29	26 55	6 6	8 7	7 37	26 0	0 29	4 41
S 28	18 1	0s42	1 40	21 1	0 58	19 31	1 12	20 12	1 8	16 27	1 5	1 50	2 20	14 29	0 42	3 54	1 29	26 55	6 6	8 7	7 38	26 2	0 28	4 41
S 29	17 45	7 9	2 47	21 6	0 42	19 12	1 13	20 2	1 8	16 29	1 5	1 47	2 20	14 28	0 42	3 54	1 29	26 55	6 6	8 6	7 39	26 3	0 28	4 41
M30	17 29	13 20	3 46	21 9	0 27	18 53	1 14	19 53	1 9	16 31	1 5	1 45	2 20	14 26	0 42	3 55	1 29	26 56	6 6	8 6	7 40	26 5	0 27	4 42
T 31	17n13	18s58	4s32	21n11	0s13	18n34	1n15	19n43	1n 9	16n33	1s 5	1n43	2n20	14n25	0n42	3s55	1s29	26s56	6s 6	8s 6	7s42	26n 6	0n26	4n42

Julian Day Number = 2100733.5, Delta T = 21m24s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'07, Lahiri = 10°28'07 Julian Calendar 1 July 1039 == Greg. Calendar 7 July 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

AUGUST 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 58 32	13♌11'48	23♏30	25♋36	12♌58	7♌39	19♉11	1♎10	23♌35	23°R35	26°R35	9°R23	10♓23	4♊13	20°R14	W 1
T 2	21 2 28	14° 9'35	7♐51	27° 4	14°12	8°18	19°18	1°15	23°38	23♓33	26♑33	9♓21	10°20	4°19	20♓12	T 2
F 3	21 6 25	15° 7'23	22°18	28°36	15°26	8°56	19°24	1°21	23°42	23°32	26°32	9°19	10°17	4°26	20°10	F 3
S 4	21 10 21	16° 5'13	6♑46	0♌13	16°41	9°34	19°30	1°27	23°46	23°31	26°31	9°16	10°13	4°33	20° 7	S 4
S 5	21 14 18	17° 3'04	21°10	1°53	17°55	10°12	19°35	1°33	23°50	23°30	26°29	9°13	10°10	4°39	20° 5	S 5
M 6	21 18 14	18° 0'57	5♒26	3°37	19° 9	10°50	19°41	1°38	23°53	23°28	26°28	9°10	10° 7	4°46	20° 3	M 6
T 7	21 22 11	18°58'51	19°28	5°25	20°24	11°29	19°46	1°44	23°57	23°27	26°27	9° 8	10° 4	4°53	20° 1	T 7
W 8	21 26 7	19°56'46	3♓11	7°14	21°38	12° 7	19°52	1°50	24° 1	23°26	26°26	9°D 7	10° 1	5° 0	19°59	W 8
T 9	21 30 4	20°54'43	16°34	9° 6	22°53	12°45	19°57	1°56	24° 5	23°25	26°24	9° 7	9°58	5° 6	19°56	T 9
F 10	21 34 1	21°52'42	29°36	11° 0	24° 7	13°23	20° 2	2° 3	24° 8	23°23	26°23	9° 8	9°54	5°13	19°54	F 10
S 11	21 37 57	22°50'43	12♈18	12°55	25°21	14° 1	20° 6	2° 9	24°12	23°22	26°22	9° 9	9°51	5°20	19°52	S 11
S 12	21 41 54	23°48'46	24°42	14°51	26°36	14°40	20°11	2°15	24°16	23°20	26°21	9°10	9°48	5°27	19°49	S 12
M13	21 45 50	24°46'50	6♉52	16°48	27°50	15°18	20°15	2°21	24°20	23°19	26°20	9°12	9°45	5°33	19°47	M13
T 14	21 49 47	25°44'57	18°52	18°45	29° 5	15°56	20°19	2°27	24°23	23°18	26°18	9°12	9°42	5°40	19°45	T 14
W15	21 53 43	26°43'06	0♊46	20°42	0♍19	16°34	20°24	2°34	24°27	23°16	26°17	9°R12	9°39	5°47	19°42	W15
T 16	21 57 40	27°41'17	12°39	22°39	1°34	17°12	20°27	2°40	24°31	23°15	26°16	9°12	9°35	5°53	19°40	T 16
F 17	22 1 36	28°39'30	24°36	24°36	2°48	17°50	20°31	2°47	24°35	23°13	26°15	9°11	9°32	6° 0	19°37	F 17
S 18	22 5 33	29°37'44	6♋41	26°32	4° 3	18°29	20°35	2°53	24°38	23°12	26°14	9°10	9°29	6° 7	19°35	S 18
S 19	22 9 30	0♍36'01	18°57	28°28	5°17	19° 7	20°38	3° 0	24°42	23°10	26°13	9° 8	9°26	6°14	19°32	S 19
M20	22 13 26	1°34'20	1♌27	0♍23	6°32	19°45	20°41	3° 6	24°46	23° 9	26°12	9° 7	9°23	6°20	19°30	M20
T 21	22 17 23	2°32'41	14°13	2°17	7°47	20°23	20°44	3°13	24°50	23° 7	26°11	9° 7	9°19	6°27	19°27	T 21
W22	22 21 19	3°31'04	27°16	4°10	9° 1	21° 1	20°47	3°19	24°53	23° 6	26°10	9° 6	9°16	6°34	19°24	W22
T 23	22 25 16	4°29'29	10♍36	6° 2	10°16	21°39	20°49	3°26	24°57	23° 4	26° 9	9°D 6	9°13	6°40	19°22	T 23
F 24	22 29 12	5°27'55	24°12	7°53	11°31	22°18	20°52	3°33	25° 1	23° 3	26° 8	9° 6	9°10	6°47	19°19	F 24
S 25	22 33 9	6°26'24	8♎ 0	9°43	12°45	22°56	20°54	3°39	25° 4	23° 1	26° 7	9° 6	9° 7	6°54	19°17	S 25
S 26	22 37 5	7°24'54	22° 0	11°32	14° 0	23°34	20°56	3°46	25° 8	22°59	26° 6	9° 7	9° 4	7° 1	19°14	S 26
M27	22 41 2	8°23'26	6♏ 7	13°19	15°14	24°12	20°57	3°53	25°12	22°58	26° 5	9° 7	9° 0	7° 7	19°11	M27
T 28	22 44 59	9°21'59	20°19	15° 6	16°29	24°50	20°59	4° 0	25°16	22°56	26° 4	9°R 7	8°57	7°14	19° 9	T 28
W29	22 48 55	10°20'35	4♐33	16°52	17°44	25°28	21° 0	4° 7	25°19	22°55	26° 3	9°D 7	8°54	7°21	19° 6	W29
T 30	22 52 52	11°19'12	18°47	18°37	18°58	26° 6	21° 2	4°14	25°23	22°53	26° 2	9° 7	8°51	7°28	19° 3	T 30
F 31	22 56 48	12♍17'51	2♑57	20♍21	20♍13	26♌45	21♉ 2	4♎20	25♌26	22♓51	26♑ 1	9♓ 7	8♓48	7♊34	19♓ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n57	23s37	5s 2	21n 9	0n 1	18n14	1n16	19n34	1n 9	16n34	1s 5	1n40	2n20	14n24	0n42	3s56	1s29	26s56	6s 6	8s 6	7s43	26n 7	0n26	4n42
T 2	16 40	26 53	5 13	21 6	0 15	17 53	1 17	19 24	1 9	16 36	1 5	1 38	2 20	14 23	0 42	3 56	1 29	26 56	6 6	8 6	7 44	26 9	0 25	4 42
F 3	16 23	28 26	5 6	20 59	0 27	17 32	1 18	19 14	1 9	16 37	1 5	1 36	2 20	14 21	0 42	3 57	1 29	26 57	6 6	8 7	7 45	26 10	0 24	4 42
S 4	16 6	28 2	4 38	20 50	0 39	17 11	1 19	19 4	1 9	16 39	1 5	1 33	2 19	14 20	0 42	3 57	1 29	26 57	6 6	8 8	7 46	26 11	0 23	4 42
S 5	15 48	25 44	3 54	20 39	0 49	16 48	1 20	18 53	1 9	16 40	1 6	1 31	2 19	14 19	0 42	3 58	1 29	26 57	6 6	8 10	7 48	26 13	0 23	4 42
M 6	15 31	21 50	2 55	20 24	0 59	16 26	1 21	18 43	1 9	16 42	1 6	1 28	2 19	14 18	0 42	3 58	1 29	26 57	6 6	8 11	7 49	26 14	0 22	4 42
T 7	15 13	16 44	1 46	20 7	1 8	16 3	1 21	18 32	1 9	16 43	1 6	1 26	2 19	14 16	0 42	3 59	1 29	26 58	6 6	8 11	7 50	26 16	0 21	4 42
W 8	14 55	10 54	0 33	19 47	1 16	15 40	1 22	18 22	1 9	16 44	1 6	1 23	2 19	14 15	0 42	3 59	1 29	26 58	6 6	8 12	7 51	26 17	0 20	4 42
T 9	14 36	4 42	0n41	19 24	1 23	15 16	1 23	18 11	1 10	16 46	1 6	1 21	2 19	14 14	0 42	4 0	1 29	26 58	6 6	8 12	7 52	26 18	0 19	4 43
F 10	14 17	1n32	1 51	18 59	1 29	14 51	1 23	18 0	1 10	16 47	1 6	1 18	2 19	14 13	0 42	4 0	1 29	26 58	6 6	8 11	7 54	26 20	0 19	4 43
S 11	13 58	7 32	2 53	18 32	1 34	14 27	1 24	17 49	1 10	16 48	1 6	1 16	2 18	14 11	0 42	4 1	1 29	26 59	6 6	8 11	7 55	26 21	0 18	4 43
S 12	13 39	13 7	3 46	18 2	1 38	14 2	1 24	17 38	1 10	16 49	1 6	1 13	2 18	14 10	0 42	4 2	1 29	26 59	6 6	8 10	7 56	26 22	0 17	4 43
M13	13 20	18 5	4 27	17 30	1 42	13 36	1 24	17 27	1 10	16 50	1 7	1 10	2 18	14 9	0 42	4 2	1 30	26 59	6 6	8 10	7 57	26 23	0 16	4 43
T 14	13 0	22 16	4 56	16 56	1 44	13 10	1 25	17 15	1 10	16 51	1 7	1 8	2 18	14 8	0 42	4 3	1 30	26 59	6 6	8 10	7 58	26 25	0 15	4 43
W15	12 40	25 31	5 13	16 20	1 46	12 44	1 25	17 4	1 10	16 52	1 7	1 5	2 18	14 6	0 42	4 3	1 30	27 0	6 6	8 10	8 0	26 26	0 14	4 43
T 16	12 20	27 39	5 15	15 43	1 47	12 18	1 25	16 52	1 10	16 53	1 7	1 2	2 18	14 5	0 42	4 4	1 30	27 0	6 6	8 10	8 1	26 27	0 13	4 43
F 17	12 0	28 32	5 5	15 5	1 47	11 51	1 25	16 41	1 10	16 54	1 7	1 0	2 18	14 4	0 42	4 5	1 30	27 0	6 6	8 10	8 2	26 29	0 12	4 43
S 18	11 40	28 4	4 41	14 25	1 47	11 24	1 25	16 29	1 10	16 54	1 7	0 57	2 18	14 3	0 42	4 5	1 30	27 0	6 6	8 11	8 3	26 30	0 11	4 43
S 19	11 19	26 14	4 3	13 44	1 46	10 56	1 25	16 17	1 10	16 55	1 7	0 54	2 18	14 1	0 42	4 6	1 30	27 0	6 6	8 11	8 5	26 31	0 10	4 43
M20	10 58	23 5	3 14	13 1	1 44	10 28	1 25	16 5	1 10	16 56	1 8	0 52	2 17	14 0	0 42	4 6	1 30	27 1	6 6	8 11	8 6	26 32	0 9	4 43
T 21	10 37	18 47	2 13	12 19	1 42	10 0	1 25	15 53	1 10	16 57	1 8	0 49	2 17	13 59	0 42	4 7	1 30	27 1	6 6	8 12	8 7	26 34	0 9	4 43
W22	10 16	13 30	1 5	11 35	1 40	9 32	1 24	15 41	1 10	16 57	1 8	0 46	2 17	13 58	0 42	4 8	1 30	27 1	6 6	8 12	8 8	26 35	0 8	4 43
T 23	9 55	7 30	0s 8	10 51	1 37	9 3	1 24	15 28	1 10	16 58	1 8	0 44	2 17	13 56	0 42	4 8	1 30	27 1	6 6	8 12	8 9	26 36	0 7	4 43
F 24	9 33	1 3	1 23	10 6	1 33	8 34	1 24	15 16	1 10	16 58	1 8	0 41	2 17	13 55	0 42	4 9	1 30	27 1	6 6	8 12	8 11	26 37	0 6	4 43
S 25	9 12	5s32	2 33	9 20	1 29	8 5	1 23	15 3	1 11	16 59	1 8	0 38	2 17	13 54	0 42	4 10	1 30	27 1	6 6	8 12	8 12	26 39	0 4	4 43
S 26	8 50	11 57	3 36	8 35	1 25	7 36	1 23	14 51	1 11	16 59	1 8	0 35	2 17	13 53	0 42	4 10	1 30	27 2	6 6	8 12	8 13	26 40	0 3	4 43
M27	8 28	17 48	4 26	7 49	1 20	7 6	1 22	14 38	1 11	16 59	1 8	0 32	2 17	13 51	0 42	4 11	1 30	27 2	6 6	8 12	8 14	26 41	0 2	4 43
T 28	8 6	22 44	5 0	7 3	1 15	6 37	1 21	14 25	1 11	17 0	1 9	0 30	2 17	13 50	0 42	4 12	1 30	27 2	6 6	8 12	8 15	26 42	0 1	4 43
W29	7 44	26 20	5 16	6 17	1 10	6 7	1 21	14 12	1 11	17 0	1 9	0 27	2 17	13 49	0 42	4 12	1 30	27 2	6 6	8 12	8 17	26 43	0 0	4 43
T 30	7 21	28 17	5 12	5 31	1 4	5 37	1 20	13 59	1 11	17 0	1 9	0 24	2 17	13 48	0 42	4 13	1 30	27 2	6 6	8 12	8 18	26 44	0s 1	4 43
F 31	6n59	28s22	4s50	4n44	0n58	5n 6	1n19	13n46	1n11	17n 0	1s 9	0n21	2n17	13n46	0n42	4s14	1s30	27s 2	6s 6	8s12	8s19	26n46	0s 2	4n43

Julian Day Number = 2100764.5, Delta T = 21m24s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'11, Lahiri = 10°28'12 Julian Calendar 1 Aug. 1039 == Greg. Calendar 7 Aug. 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

SEPTEMBER 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 0 45	13♍16'31	17♉ 2	22♍ 3	21♍28	27♌23	21♉ 3	4♎27	25♌30	22°R50	26°R 0	9♓ 7	8♓45	7♊41	18°R58	S 1
S 2	23 4 41	14°15'13	0♒59	23°45	22°42	28° 1	21° 4	4°34	25°34	22♓48	25♉59	9° 8	8°41	7°48	18♓55	S 2
M 3	23 8 38	15°13'57	14°46	25°26	23°57	28°39	21° 4	4°41	25°37	22°46	25°59	9° 8	8°38	7°54	18°52	M 3
T 4	23 12 34	16°12'43	28°21	27° 5	25°12	29°17	21°R 4	4°48	25°41	22°45	25°58	9° 9	8°35	8° 1	18°50	T 4
W 5	23 16 31	17°11'31	11♓43	28°44	26°27	29°55	21° 4	4°55	25°44	22°43	25°57	9°R 9	8°32	8° 8	18°47	W 5
T 6	23 20 28	18°10'20	24°49	0♎22	27°41	0♍34	21° 4	5° 3	25°48	22°41	25°56	9° 8	8°29	8°15	18°44	T 6
F 7	23 24 24	19° 9'12	7♈40	1°59	28°56	1°12	21° 4	5°10	25°52	22°40	25°56	9° 8	8°25	8°21	18°42	F 7
S 8	23 28 21	20° 8'06	20°15	3°35	0♎11	1°50	21° 3	5°17	25°55	22°38	25°55	9° 6	8°22	8°28	18°39	S 8
S 9	23 32 17	21° 7'02	2♉36	5°10	1°25	2°28	21° 2	5°24	25°59	22°36	25°54	9° 5	8°19	8°35	18°36	S 9
M10	23 36 14	22° 6'01	14°45	6°44	2°40	3° 6	21° 1	5°31	26° 2	22°35	25°54	9° 3	8°16	8°42	18°33	M10
T 11	23 40 10	23° 5'01	26°45	8°17	3°55	3°44	21° 0	5°38	26° 6	22°33	25°53	9° 1	8°13	8°48	18°31	T 11
W12	23 44 7	24° 4'04	8♊39	9°50	5°10	4°23	20°59	5°45	26° 9	22°31	25°52	9° 0	8°10	8°55	18°28	W12
T 13	23 48 3	25° 3'10	20°31	11°21	6°24	5° 1	20°57	5°52	26°12	22°30	25°52	8°D59	8° 6	9° 2	18°25	T 13
F 14	23 52 0	26° 2'18	2♋27	12°52	7°39	5°39	20°55	6° 0	26°16	22°28	25°51	8°59	8° 3	9° 8	18°23	F 14
S 15	23 55 57	27° 1'28	14°31	14°22	8°54	6°17	20°53	6° 7	26°19	22°26	25°51	9° 0	8° 0	9°15	18°20	S 15
S 16	23 59 53	28° 0'41	26°48	15°51	10° 9	6°55	20°51	6°14	26°23	22°25	25°50	9° 1	7°57	9°22	18°17	S 16
M17	0 3 50	28°59'56	9♌21	17°20	11°23	7°33	20°48	6°21	26°26	22°23	25°50	9° 3	7°54	9°29	18°15	M17
T 18	0 7 46	29°59'13	22°14	18°47	12°38	8°12	20°46	6°29	26°29	22°21	25°49	9° 4	7°50	9°35	18°12	T 18
W19	0 11 43	0♎58'32	5♍29	20°14	13°53	8°50	20°43	6°36	26°32	22°20	25°49	9°R 5	7°47	9°42	18° 9	W19
T 20	0 15 39	1°57'54	19° 6	21°39	15° 8	9°28	20°40	6°43	26°36	22°18	25°49	9° 5	7°44	9°49	18° 7	T 20
F 21	0 19 36	2°57'17	3♎ 5	23° 4	16°22	10° 6	20°37	6°50	26°39	22°17	25°48	9° 3	7°41	9°55	18° 4	F 21
S 22	0 23 32	3°56'43	17°21	24°28	17°37	10°45	20°33	6°58	26°42	22°15	25°48	9° 1	7°38	10° 2	18° 1	S 22
S 23	0 27 29	4°56'11	1♏50	25°51	18°52	11°23	20°30	7° 5	26°45	22°13	25°48	8°57	7°35	10° 9	17°59	S 23
M24	0 31 25	5°55'41	16°25	27°12	20° 7	12° 1	20°26	7°12	26°48	22°12	25°47	8°53	7°31	10°16	17°56	M24
T 25	0 35 22	6°55'13	0♐59	28°33	21°22	12°39	20°22	7°20	26°51	22°10	25°47	8°49	7°28	10°22	17°54	T 25
W26	0 39 19	7°54'46	15°28	29°53	22°36	13°17	20°18	7°27	26°55	22° 8	25°47	8°47	7°25	10°29	17°51	W26
T 27	0 43 15	8°54'22	29°46	1♏12	23°51	13°56	20°14	7°34	26°58	22° 7	25°47	8°45	7°22	10°36	17°49	T 27
F 28	0 47 12	9°53'59	13♉52	2°29	25° 6	14°34	20° 9	7°41	27° 1	22° 5	25°46	8°D45	7°19	10°43	17°46	F 28
S 29	0 51 8	10°53'38	27°43	3°45	26°21	15°12	20° 4	7°49	27° 4	22° 4	25°46	8°46	7°16	10°49	17°44	S 29
S 30	0 55 5	11♎53'19	11♒20	4♏59	27♎35	15♍50	19♉59	7♎56	27♌ 7	22♓ 2	25♉46	8♓47	7♓12	10♊56	17♓41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n36	26s37	4s10	3n58	0n52	4n36	1n18	13n33	1n11	17n 0	1s 9	0n18	2n17	13n45	0n43	4s14	1s30	27s 2	6s 6	8s12	8s20	26n47	0s 3	4n43
S 2	6 14	23 14	3 16	3 12	0 46	4 5	1 17	13 20	1 11	17 0	1 9	0 16	2 16	13 44	0 43	4 15	1 30	27 3	6 6	8 11	8 21	26 48	0 4	4 43
M 3	5 51	18 34	2 11	2 26	0 40	3 35	1 16	13 7	1 11	17 0	1 9	0 13	2 16	13 43	0 43	4 16	1 30	27 3	6 6	8 11	8 22	26 49	0 5	4 43
T 4	5 28	13 2	0 59	1 40	0 33	3 4	1 15	12 53	1 11	17 0	1 10	0 10	2 16	13 42	0 43	4 16	1 30	27 3	6 5	8 11	8 24	26 50	0 6	4 43
W 5	5 5	6 59	0n14	0 55	0 27	2 33	1 14	12 40	1 11	17 0	1 10	0 7	2 16	13 40	0 43	4 17	1 30	27 3	6 5	8 11	8 25	26 51	0 7	4 43
T 6	4 42	0 46	1 26	0 9	0 20	2 2	1 13	12 26	1 11	17 0	1 10	0 4	2 16	13 39	0 43	4 18	1 30	27 3	6 5	8 11	8 26	26 52	0 8	4 43
F 7	4 19	5n22	2 31	0s36	0 13	1 31	1 12	12 13	1 11	17 0	1 10	0 1	2 16	13 38	0 43	4 18	1 30	27 3	6 5	8 11	8 27	26 54	0 9	4 43
S 8	3 56	11 10	3 28	1 20	0 6	1 0	1 10	11 59	1 11	16 59	1 10	0s 2	2 16	13 37	0 43	4 19	1 30	27 3	6 5	8 12	8 28	26 55	0 11	4 43
S 9	3 32	16 25	4 14	2 5	0s 1	0 29	1 9	11 45	1 11	16 59	1 10	0 4	2 16	13 36	0 43	4 20	1 30	27 3	6 5	8 13	8 30	26 56	0 12	4 43
M10	3 9	20 55	4 48	2 49	0 8	0s 2	1 7	11 31	1 11	16 59	1 10	0 7	2 16	13 35	0 43	4 20	1 30	27 3	6 5	8 13	8 31	26 57	0 13	4 43
T 11	2 46	24 32	5 8	3 32	0 15	0 33	1 6	11 17	1 11	16 58	1 10	0 10	2 16	13 33	0 43	4 21	1 30	27 3	6 5	8 14	8 32	26 58	0 14	4 43
W12	2 22	27 3	5 16	4 16	0 23	1 5	1 4	11 3	1 11	16 58	1 10	0 13	2 16	13 32	0 43	4 22	1 30	27 3	6 5	8 14	8 33	26 59	0 15	4 43
T 13	1 59	28 22	5 9	4 58	0 30	1 36	1 3	10 49	1 11	16 57	1 11	0 16	2 16	13 31	0 43	4 22	1 30	27 3	6 5	8 15	8 34	27 0	0 16	4 43
F 14	1 35	28 22	4 50	5 41	0 37	2 7	1 1	10 35	1 11	16 57	1 11	0 19	2 16	13 30	0 43	4 23	1 30	27 3	6 5	8 15	8 36	27 1	0 17	4 42
S 15	1 11	27 2	4 17	6 23	0 44	2 38	1 0	10 21	1 11	16 56	1 11	0 22	2 16	13 29	0 43	4 24	1 30	27 3	6 5	8 14	8 37	27 2	0 18	4 42
S 16	0 48	24 23	3 32	7 4	0 52	3 9	0 58	10 7	1 11	16 55	1 11	0 25	2 16	13 28	0 43	4 24	1 30	27 3	6 5	8 14	8 38	27 3	0 20	4 42
M17	0 24	20 31	2 37	7 45	0 59	3 40	0 56	9 52	1 11	16 55	1 11	0 27	2 16	13 27	0 43	4 25	1 30	27 3	6 5	8 13	8 39	27 4	0 21	4 42
T 18	0 0	15 37	1 31	8 25	1 6	4 11	0 54	9 38	1 11	16 54	1 11	0 30	2 16	13 25	0 43	4 26	1 30	27 3	6 5	8 13	8 40	27 5	0 22	4 42
W19	0s23	9 52	0 20	9 4	1 13	4 42	0 52	9 24	1 11	16 53	1 11	0 33	2 16	13 24	0 43	4 26	1 30	27 3	6 4	8 12	8 42	27 6	0 23	4 42
T 20	0 47	3 30	0s55	9 43	1 20	5 13	0 50	9 9	1 11	16 52	1 11	0 36	2 16	13 23	0 43	4 27	1 30	27 3	6 4	8 13	8 43	27 7	0 24	4 42
F 21	1 11	3s11	2 8	10 21	1 27	5 44	0 48	8 55	1 11	16 51	1 11	0 39	2 16	13 22	0 43	4 27	1 30	27 3	6 4	8 13	8 44	27 8	0 25	4 42
S 22	1 35	9 51	3 15	10 59	1 34	6 14	0 46	8 40	1 11	16 50	1 11	0 42	2 16	13 21	0 43	4 28	1 30	27 3	6 4	8 14	8 45	27 9	0 26	4 42
S 23	1 58	16 4	4 10	11 36	1 41	6 45	0 44	8 25	1 11	16 49	1 12	0 45	2 16	13 20	0 43	4 29	1 30	27 3	6 4	8 15	8 46	27 10	0 28	4 42
M24	2 22	21 27	4 49	12 12	1 47	7 15	0 42	8 11	1 11	16 48	1 12	0 48	2 16	13 19	0 43	4 29	1 30	27 3	6 4	8 17	8 48	27 11	0 29	4 41
T 25	2 46	25 31	5 10	12 47	1 54	7 45	0 40	7 56	1 11	16 47	1 12	0 51	2 16	13 18	0 43	4 30	1 30	27 3	6 4	8 18	8 49	27 12	0 30	4 41
W26	3 9	27 55	5 11	13 21	2 0	8 15	0 38	7 41	1 11	16 46	1 12	0 53	2 16	13 17	0 43	4 31	1 30	27 3	6 4	8 19	8 50	27 13	0 31	4 41
T 27	3 33	28 26	4 52	13 55	2 6	8 45	0 36	7 26	1 10	16 44	1 12	0 56	2 16	13 16	0 43	4 31	1 30	27 3	6 4	8 20	8 51	27 14	0 32	4 41
F 28	3 56	27 5	4 16	14 28	2 12	9 15	0 34	7 11	1 10	16 43	1 12	0 59	2 16	13 15	0 43	4 32	1 30	27 3	6 4	8 20	8 52	27 15	0 33	4 41
S 29	4 20	24 5	3 26	14 59	2 18	9 44	0 31	6 57	1 10	16 42	1 12	1 2	2 16	13 14	0 43	4 33	1 30	27 3	6 4	8 20	8 53	27 16	0 34	4 41
S 30	4s43	19s47	2s24	15s30	2s23	10s13	0n29	6n42	1n10	16n41	1s12	1s 5	2n16	13n13	0n43	4s33	1s30	27s 3	6s 3	8s19	8s55	27n17	0s35	4n40

Julian Day Number = 2100795.5, Delta T = 21m24s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'15, Lahiri = 10°28'16 Julian Calendar 1 Sept. 1039 == Greg. Calendar 7 Sept. 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

OCTOBER 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 59 1	12♎53'01	24♒42	6♏12	28♎50	16♍29	19°R54	8♎ 3	27♌ 9	22°R 1	25°R46	8♓49	7♓ 9	11♊ 3	17°R39	M 1
T 2	1 2 58	13°52'45	7♓52	7°24	0♏ 5	17° 7	19♉49	8°11	27°12	21♓59	25♑46	8°R49	7° 6	11° 9	17♓37	T 2
W 3	1 6 54	14°52'31	20°50	8°33	1°20	17°45	19°44	8°18	27°15	21°58	25°46	8°49	7° 3	11°16	17°34	W 3
T 4	1 10 51	15°52'19	3♈36	9°40	2°34	18°23	19°38	8°25	27°18	21°56	25°D46	8°46	7° 0	11°23	17°32	T 4
F 5	1 14 48	16°52'09	16°11	10°46	3°49	19° 1	19°33	8°32	27°21	21°55	25°46	8°42	6°56	11°30	17°30	F 5
S 6	1 18 44	17°52'01	28°34	11°49	5° 4	19°40	19°27	8°40	27°23	21°53	25°46	8°36	6°53	11°36	17°27	S 6
S 7	1 22 41	18°51'54	10♉48	12°49	6°19	20°18	19°21	8°47	27°26	21°52	25°46	8°28	6°50	11°43	17°25	S 7
M 8	1 26 37	19°51'51	22°53	13°46	7°33	20°56	19°15	8°54	27°29	21°50	25°46	8°20	6°47	11°50	17°23	M 8
T 9	1 30 34	20°51'49	4♊50	14°40	8°48	21°34	19° 8	9° 1	27°31	21°49	25°46	8°13	6°44	11°56	17°21	T 9
W10	1 34 30	21°51'49	16°43	15°30	10° 3	22°13	19° 2	9° 8	27°34	21°48	25°46	8° 6	6°41	12° 3	17°19	W10
T 11	1 38 27	22°51'52	28°34	16°16	11°18	22°51	18°55	9°15	27°36	21°46	25°47	8° 1	6°37	12°10	17°16	T 11
F 12	1 42 23	23°51'56	10♋27	16°57	12°32	23°29	18°49	9°23	27°39	21°45	25°47	7°58	6°34	12°17	17°14	F 12
S 13	1 46 20	24°52'03	22°28	17°34	13°47	24° 8	18°42	9°30	27°41	21°43	25°47	7°D57	6°31	12°23	17°12	S 13
S 14	1 50 17	25°52'12	4♌40	18° 5	15° 2	24°46	18°35	9°37	27°44	21°42	25°47	7°57	6°28	12°30	17°10	S 14
M15	1 54 13	26°52'23	17°10	18°29	16°16	25°24	18°28	9°44	27°46	21°41	25°48	7°58	6°25	12°37	17° 8	M15
T 16	1 58 10	27°52'36	0♍ 1	18°47	17°31	26° 2	18°21	9°51	27°49	21°40	25°48	7°59	6°22	12°44	17° 7	T 16
W17	2 2 6	28°52'51	13°17	18°57	18°46	26°41	18°13	9°58	27°51	21°38	25°48	7°R59	6°18	12°50	17° 5	W17
T 18	2 6 3	29°53'09	27° 1	18°R59	20° 1	27°19	18° 6	10° 5	27°53	21°37	25°49	7°58	6°15	12°57	17° 3	T 18
F 19	2 9 59	0♏53'28	11♎13	18°52	21°15	27°57	17°59	10°12	27°55	21°36	25°49	7°54	6°12	13° 4	17° 1	F 19
S 20	2 13 56	1°53'49	25°48	18°36	22°30	28°36	17°51	10°19	27°57	21°35	25°50	7°47	6° 9	13°10	16°59	S 20
S 21	2 17 52	2°54'12	10♏41	18°10	23°45	29°14	17°43	10°26	27°59	21°33	25°50	7°39	6° 6	13°17	16°58	S 21
M22	2 21 49	3°54'36	25°43	17°34	24°59	29°52	17°36	10°33	28° 1	21°32	25°51	7°30	6° 2	13°24	16°56	M22
T 23	2 25 46	4°55'03	10♐45	16°48	26°14	0♎31	17°28	10°40	28° 3	21°31	25°51	7°21	5°59	13°31	16°54	T 23
W24	2 29 42	5°55'31	25°36	15°52	27°29	1° 9	17°20	10°47	28° 5	21°30	25°52	7°14	5°56	13°37	16°53	W24
T 25	2 33 39	6°56'00	10♑10	14°48	28°44	1°47	17°12	10°53	28° 7	21°29	25°52	7° 9	5°53	13°44	16°51	T 25
F 26	2 37 35	7°56'31	24°23	13°36	29°58	2°26	17° 4	11° 0	28° 9	21°28	25°53	7° 6	5°50	13°51	16°50	F 26
S 27	2 41 32	8°57'03	8♒13	12°19	1♐13	3° 4	16°56	11° 7	28°11	21°27	25°53	7°D 5	5°47	13°58	16°48	S 27
S 28	2 45 28	9°57'36	21°42	10°59	2°28	3°42	16°48	11°14	28°13	21°26	25°54	7° 5	5°43	14° 4	16°47	S 28
M29	2 49 25	10°58'10	4♓51	9°38	3°42	4°21	16°40	11°20	28°14	21°25	25°55	7°R 6	5°40	14°11	16°46	M29
T 30	2 53 21	11°58'46	17°44	8°19	4°57	4°59	16°32	11°27	28°16	21°24	25°55	7° 5	5°37	14°18	16°44	T 30
W31	2 57 18	12♏59'23	0♈23	7♏ 5	6♐11	5♎37	16♉24	11♎34	28♌18	21♓23	25♑56	7♓ 3	5♓34	14♊24	16♓43	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s 7	14s33	1s16	15s59	2s28	10s42	0n27	6n27	1n10	16n39	1s12	1s 8	2n16	13n12	0n43	4s34	1s30	27s 3	6s 3	8s19	8s56	27n18	0s36	4n40
T 2	5 30	8 44	0 5	16 28	2 33	11 11	0 24	6 12	1 10	16 38	1 12	1 11	2 16	13 11	0 43	4 34	1 30	27 3	6 3	8 18	8 57	27 19	0 37	4 40
W 3	5 53	2 39	1n 5	16 55	2 38	11 39	0 22	5 56	1 10	16 36	1 12	1 13	2 16	13 10	0 43	4 35	1 30	27 3	6 3	8 19	8 58	27 20	0 39	4 40
T 4	6 17	3n26	2 11	17 21	2 42	12 8	0 19	5 41	1 10	16 35	1 12	1 16	2 16	13 9	0 43	4 35	1 30	27 3	6 3	8 19	8 59	27 21	0 40	4 40
F 5	6 40	9 18	3 9	17 45	2 46	12 35	0 17	5 26	1 10	16 33	1 12	1 19	2 16	13 8	0 43	4 36	1 30	27 3	6 3	8 21	9 1	27 22	0 41	4 40
S 6	7 3	14 42	3 57	18 8	2 49	13 3	0 15	5 11	1 10	16 31	1 12	1 22	2 16	13 7	0 43	4 37	1 30	27 2	6 3	8 23	9 2	27 22	0 42	4 39
S 7	7 26	19 28	4 33	18 30	2 52	13 30	0 12	4 56	1 10	16 30	1 12	1 25	2 16	13 6	0 43	4 37	1 30	27 2	6 3	8 26	9 3	27 23	0 43	4 39
M 8	7 48	23 23	4 57	18 49	2 54	13 57	0 10	4 41	1 10	16 28	1 12	1 27	2 16	13 5	0 43	4 38	1 30	27 2	6 3	8 29	9 4	27 24	0 44	4 39
T 9	8 11	26 15	5 8	19 7	2 56	14 24	0 7	4 25	1 10	16 26	1 12	1 30	2 16	13 5	0 43	4 38	1 30	27 2	6 3	8 32	9 5	27 25	0 45	4 39
W10	8 34	27 57	5 5	19 23	2 57	14 50	0 4	4 10	1 10	16 25	1 12	1 33	2 17	13 4	0 43	4 39	1 30	27 2	6 3	8 35	9 6	27 26	0 46	4 39
T 11	8 56	28 22	4 49	19 37	2 57	15 16	0 2	3 55	1 10	16 23	1 12	1 36	2 17	13 3	0 44	4 39	1 30	27 2	6 2	8 36	9 8	27 27	0 47	4 38
F 12	9 19	27 29	4 20	19 49	2 57	15 42	0s 1	3 40	1 9	16 21	1 12	1 39	2 17	13 2	0 44	4 40	1 30	27 2	6 2	8 38	9 9	27 28	0 48	4 38
S 13	9 41	25 18	3 40	19 58	2 56	16 7	0 3	3 24	1 9	16 19	1 12	1 41	2 17	13 1	0 44	4 40	1 30	27 2	6 2	8 38	9 10	27 28	0 49	4 38
S 14	10 3	21 56	2 50	20 5	2 54	16 31	0 6	3 9	1 9	16 17	1 12	1 44	2 17	13 0	0 44	4 41	1 30	27 1	6 2	8 38	9 11	27 29	0 50	4 38
M15	10 25	17 31	1 50	20 9	2 50	16 56	0 8	2 54	1 9	16 15	1 12	1 47	2 17	13 0	0 44	4 41	1 30	27 1	6 2	8 38	9 12	27 30	0 51	4 38
T 16	10 46	12 12	0 43	20 9	2 46	17 19	0 11	2 38	1 9	16 13	1 12	1 49	2 17	12 59	0 44	4 42	1 30	27 1	6 2	8 37	9 14	27 31	0 52	4 37
W17	11 8	6 10	0s28	20 7	2 40	17 43	0 14	2 23	1 9	16 11	1 12	1 52	2 17	12 58	0 44	4 42	1 30	27 1	6 2	8 37	9 15	27 32	0 53	4 37
T 18	11 29	0s21	1 40	20 0	2 33	18 6	0 16	2 7	1 9	16 9	1 12	1 55	2 17	12 57	0 44	4 43	1 30	27 1	6 2	8 38	9 16	27 32	0 53	4 37
F 19	11 51	7 2	2 48	19 50	2 24	18 28	0 19	1 52	1 9	16 7	1 12	1 58	2 17	12 57	0 44	4 43	1 30	27 1	6 2	8 39	9 17	27 33	0 54	4 37
S 20	12 12	13 33	3 47	19 36	2 14	18 50	0 21	1 37	1 9	16 5	1 12	2 0	2 17	12 56	0 44	4 44	1 30	27 0	6 2	8 42	9 18	27 34	0 55	4 36
S 21	12 33	19 24	4 32	19 17	2 2	19 12	0 24	1 21	1 8	16 3	1 12	2 3	2 17	12 55	0 44	4 44	1 30	27 0	6 1	8 45	9 19	27 35	0 56	4 36
M22	12 53	24 7	4 58	18 53	1 48	19 33	0 27	1 6	1 8	16 1	1 12	2 5	2 17	12 55	0 44	4 45	1 30	27 0	6 1	8 48	9 21	27 35	0 57	4 36
T 23	13 14	27 11	5 4	18 26	1 33	19 53	0 29	0 50	1 8	15 59	1 12	2 8	2 18	12 54	0 44	4 45	1 30	27 0	6 1	8 51	9 22	27 36	0 58	4 36
W24	13 34	28 19	4 49	17 53	1 16	20 13	0 32	0 35	1 8	15 57	1 12	2 11	2 18	12 53	0 44	4 45	1 30	27 0	6 1	8 54	9 23	27 37	0 59	4 36
T 25	13 54	27 25	4 16	17 17	0 58	20 32	0 34	0 19	1 8	15 54	1 12	2 13	2 18	12 53	0 44	4 46	1 29	26 59	6 1	8 56	9 24	27 38	1 0	4 35
F 26	14 14	24 45	3 27	16 37	0 38	20 51	0 37	0 4	1 8	15 52	1 12	2 16	2 18	12 52	0 44	4 46	1 29	26 59	6 1	8 57	9 25	27 38	1 0	4 35
S 27	14 33	20 41	2 28	15 54	0 18	21 9	0 39	0s12	1 8	15 50	1 12	2 18	2 18	12 51	0 44	4 47	1 29	26 59	6 1	8 57	9 26	27 39	1 1	4 35
S 28	14 53	15 37	1 21	15 10	0n 3	21 27	0 42	0 27	1 7	15 48	1 12	2 21	2 18	12 51	0 44	4 47	1 29	26 59	6 1	8 57	9 28	27 40	1 2	4 35
M29	15 12	9 58	0 12	14 24	0 23	21 44	0 44	0 42	1 7	15 46	1 12	2 23	2 18	12 50	0 44	4 47	1 29	26 59	6 1	8 57	9 29	27 41	1 3	4 34
T 30	15 31	4 0	0n56	13 40	0 43	22 0	0 47	0 58	1 7	15 43	1 12	2 26	2 18	12 50	0 44	4 48	1 29	26 58	6 1	8 57	9 30	27 41	1 3	4 34
W31	15s49	2n 0	2n 0	12s58	1n 2	22s16	0s49	1s13	1n 7	15n41	1s12	2s28	2n18	12n49	0n44	4s48	1s29	26s58	6s 1	8s58	9s31	27n42	1s 4	4n34

Julian Day Number = 2100825.5, Delta T = 21m23s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'19, Lahiri = 10°28'20 Julian Calendar 1 Oct. 1039 == Greg. Calendar 7 Oct. 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

NOVEMBER 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 1 15	14♏ 0'01	12♈51	5°R57	7♐26	6♎16	16°R15	11♎40	28♌19	21°R22	25♑57	6°R58	5♓31	14♊31	16°R42	T 1
F 2	3 5 11	15° 0'40	25°10	4♏59	8°41	6°54	16♉ 7	11°47	28°21	21♓22	25°58	6♓49	5°27	14°38	16♓41	F 2
S 3	3 9 8	16° 1'21	7♉21	4°11	9°55	7°33	15°59	11°53	28°22	21°21	25°59	6°38	5°24	14°45	16°40	S 3
S 4	3 13 4	17° 2'03	19°25	3°34	11°10	8°11	15°51	11°59	28°24	21°20	25°59	6°26	5°21	14°51	16°39	S 4
M 5	3 17 1	18° 2'47	1♊24	3° 8	12°24	8°49	15°43	12° 6	28°25	21°19	26° 0	6°12	5°18	14°58	16°38	M 5
T 6	3 20 57	19° 3'32	13°19	2°55	13°39	9°28	15°34	12°12	28°26	21°19	26° 1	5°58	5°15	15° 5	16°37	T 6
W 7	3 24 54	20° 4'19	25°10	2°D52	14°54	10° 6	15°26	12°18	28°28	21°18	26° 2	5°46	5°12	15°11	16°36	W 7
T 8	3 28 50	21° 5'07	7♋ 1	3° 1	16° 8	10°44	15°18	12°25	28°29	21°17	26° 3	5°35	5° 8	15°18	16°35	T 8
F 9	3 32 47	22° 5'57	18°54	3°19	17°23	11°23	15°10	12°31	28°30	21°17	26° 4	5°28	5° 5	15°25	16°34	F 9
S 10	3 36 44	23° 6'48	0♌52	3°46	18°37	12° 1	15° 2	12°37	28°31	21°16	26° 5	5°24	5° 2	15°32	16°34	S 10
S 11	3 40 40	24° 7'40	13° 1	4°21	19°52	12°40	14°54	12°43	28°32	21°15	26° 6	5°21	4°59	15°38	16°33	S 11
M12	3 44 37	25° 8'34	25°25	5° 3	21° 6	13°18	14°46	12°49	28°33	21°15	26° 7	5°D21	4°56	15°45	16°32	M12
T 13	3 48 33	26° 9'29	8♍10	5°52	22°21	13°56	14°38	12°55	28°34	21°14	26° 8	5°R21	4°53	15°52	16°32	T 13
W14	3 52 30	27°10'26	21°19	6°47	23°35	14°35	14°30	13° 1	28°35	21°14	26° 9	5°20	4°49	15°59	16°31	W14
T 15	3 56 26	28°11'24	4♎58	7°46	24°50	15°13	14°23	13° 7	28°35	21°13	26°10	5°18	4°46	16° 5	16°31	T 15
F 16	4 0 23	29°12'23	19° 7	8°50	26° 4	15°52	14°15	13°13	28°36	21°13	26°11	5°12	4°43	16°12	16°30	F 16
S 17	4 4 19	0♐13'23	3♏44	9°57	27°19	16°30	14° 7	13°18	28°37	21°13	26°13	5° 4	4°40	16°19	16°30	S 17
S 18	4 8 16	1°14'25	18°46	11° 8	28°33	17° 9	14° 0	13°24	28°38	21°12	26°14	4°54	4°37	16°25	16°30	S 18
M19	4 12 13	2°15'28	4♐ 2	12°22	29°47	17°47	13°53	13°30	28°38	21°12	26°15	4°42	4°33	16°32	16°30	M19
T 20	4 16 9	3°16'31	19°22	13°38	1♑ 2	18°25	13°45	13°35	28°39	21°12	26°16	4°30	4°30	16°39	16°29	T 20
W21	4 20 6	4°17'36	4♑34	14°56	2°16	19° 4	13°38	13°41	28°39	21°12	26°18	4°20	4°27	16°46	16°29	W21
T 22	4 24 2	5°18'41	19°27	16°16	3°31	19°42	13°31	13°46	28°40	21°11	26°19	4°12	4°24	16°52	16°D29	T 22
F 23	4 27 59	6°19'46	3♒56	17°37	4°45	20°21	13°24	13°52	28°40	21°11	26°20	4° 7	4°21	16°59	16°29	F 23
S 24	4 31 55	7°20'52	17°57	19° 0	5°59	20°59	13°17	13°57	28°40	21°11	26°21	4° 5	4°18	17° 6	16°29	S 24
S 25	4 35 52	8°21'59	1♓31	20°24	7°14	21°37	13°10	14° 2	28°40	21°11	26°23	4° 5	4°14	17°12	16°30	S 25
M26	4 39 49	9°23'06	14°39	21°49	8°28	22°16	13° 4	14° 7	28°41	21°11	26°24	4° 5	4°11	17°19	16°30	M26
T 27	4 43 45	10°24'13	27°26	23°15	9°42	22°54	12°57	14°12	28°41	21°D11	26°25	4° 4	4° 8	17°26	16°30	T 27
W28	4 47 42	11°25'20	9♈56	24°41	10°57	23°33	12°51	14°17	28°41	21°11	26°27	4° 1	4° 5	17°33	16°30	W28
T 29	4 51 38	12°26'28	22°14	26° 9	12°11	24°11	12°45	14°22	28°R41	21°11	26°28	3°55	4° 2	17°39	16°31	T 29
F 30	4 55 35	13♐27'36	4♉21	27♏36	13♑25	24♎50	12♉39	14♎27	28♌41	21♓11	26♑30	3♓47	3♓59	17♊46	16♓31	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s 7	7n50	2n58	12s19	1n20	22s31	0s52	1s29	1n 7	15n39	1s12	2s31	2n19	12n49	0n44	4s48	1s29	26s58	6s 0	9s 0	9s32	27n43	1s 5	4n33
F 2	16 25	13 17	3 46	11 45	1 36	22 45	0 54	1 44	1 7	15 37	1 11	2 33	2 19	12 48	0 44	4 49	1 29	26 58	6 0	9 3	9 34	27 43	1 5	4 33
S 3	16 43	18 10	4 23	11 15	1 50	22 59	0 56	1 59	1 7	15 34	1 11	2 36	2 19	12 48	0 44	4 49	1 29	26 57	6 0	9 7	9 35	27 44	1 6	4 33
S 4	17 1	22 17	4 48	10 52	2 2	23 12	0 59	2 15	1 6	15 32	1 11	2 38	2 19	12 47	0 44	4 49	1 29	26 57	6 0	9 12	9 36	27 45	1 7	4 33
M 5	17 18	25 26	4 59	10 34	2 11	23 25	1 1	2 30	1 6	15 30	1 11	2 40	2 19	12 47	0 45	4 49	1 29	26 57	6 0	9 17	9 37	27 45	1 7	4 32
T 6	17 35	27 27	4 58	10 22	2 19	23 36	1 3	2 45	1 6	15 28	1 11	2 43	2 19	12 47	0 45	4 50	1 29	26 57	6 0	9 22	9 38	27 46	1 8	4 32
W 7	17 51	28 12	4 44	10 16	2 25	23 48	1 6	3 1	1 6	15 25	1 11	2 45	2 19	12 46	0 45	4 50	1 29	26 56	6 0	9 27	9 39	27 46	1 9	4 32
T 8	18 7	27 40	4 17	10 14	2 29	23 58	1 8	3 16	1 6	15 23	1 11	2 47	2 20	12 46	0 45	4 50	1 29	26 56	6 0	9 31	9 41	27 47	1 9	4 32
F 9	18 23	25 51	3 39	10 18	2 32	24 7	1 10	3 31	1 5	15 21	1 10	2 50	2 20	12 45	0 45	4 50	1 29	26 56	6 0	9 33	9 42	27 48	1 10	4 31
S 10	18 39	22 51	2 51	10 26	2 33	24 16	1 12	3 47	1 5	15 19	1 10	2 52	2 20	12 45	0 45	4 50	1 29	26 56	6 0	9 35	9 43	27 48	1 10	4 31
S 11	18 54	18 50	1 55	10 38	2 33	24 25	1 14	4 2	1 5	15 16	1 10	2 54	2 20	12 45	0 45	4 51	1 29	26 55	6 0	9 36	9 44	27 49	1 11	4 31
M12	19 9	13 56	0 52	10 54	2 32	24 32	1 16	4 17	1 5	15 14	1 10	2 56	2 20	12 44	0 45	4 51	1 29	26 55	6 0	9 36	9 45	27 49	1 11	4 30
T 13	19 24	8 19	0s15	11 12	2 29	24 39	1 18	4 32	1 5	15 12	1 10	2 58	2 20	12 44	0 45	4 51	1 29	26 55	6 0	9 36	9 46	27 50	1 12	4 30
W14	19 38	2 11	1 23	11 33	2 26	24 45	1 20	4 47	1 4	15 10	1 10	3 1	2 21	12 44	0 45	4 51	1 29	26 55	5 59	9 36	9 48	27 51	1 12	4 30
T 15	19 52	4s16	2 30	11 56	2 22	24 50	1 22	5 2	1 4	15 8	1 10	3 3	2 21	12 44	0 45	4 51	1 29	26 54	5 59	9 37	9 49	27 51	1 13	4 30
F 16	20 5	10 44	3 29	12 21	2 18	24 54	1 24	5 17	1 4	15 6	1 9	3 5	2 21	12 43	0 45	4 51	1 29	26 54	5 59	9 39	9 50	27 52	1 13	4 29
S 17	20 18	16 51	4 17	12 47	2 13	24 58	1 26	5 32	1 4	15 4	1 9	3 7	2 21	12 43	0 45	4 52	1 29	26 54	5 59	9 42	9 51	27 52	1 13	4 29
S 18	20 31	22 6	4 48	13 14	2 7	25 1	1 28	5 47	1 3	15 2	1 9	3 9	2 21	12 43	0 45	4 52	1 29	26 53	5 59	9 46	9 52	27 53	1 14	4 29
M19	20 43	25 58	5 0	13 43	2 1	25 3	1 29	6 2	1 3	15 0	1 9	3 11	2 21	12 43	0 45	4 52	1 29	26 53	5 59	9 50	9 53	27 53	1 14	4 28
T 20	20 55	27 57	4 50	14 11	1 55	25 5	1 31	6 17	1 3	14 58	1 9	3 13	2 22	12 43	0 45	4 52	1 29	26 53	5 59	9 55	9 55	27 54	1 15	4 28
W21	21 7	27 49	4 20	14 41	1 48	25 5	1 33	6 32	1 3	14 56	1 8	3 15	2 22	12 43	0 45	4 52	1 28	26 52	5 59	9 58	9 56	27 54	1 15	4 28
T 22	21 18	25 39	3 32	15 10	1 41	25 5	1 34	6 47	1 2	14 54	1 8	3 17	2 22	12 43	0 45	4 52	1 28	26 52	5 59	10 1	9 57	27 55	1 15	4 28
F 23	21 29	21 50	2 32	15 40	1 34	25 4	1 36	7 2	1 2	14 52	1 8	3 19	2 22	12 42	0 45	4 52	1 28	26 52	5 59	10 3	9 58	27 55	1 15	4 27
S 24	21 39	16 52	1 24	16 10	1 27	25 3	1 37	7 16	1 2	14 50	1 8	3 21	2 22	12 42	0 45	4 52	1 28	26 52	5 59	10 4	9 59	27 56	1 16	4 27
S 25	21 49	11 12	0 14	16 40	1 20	25 0	1 38	7 31	1 2	14 48	1 7	3 23	2 23	12 42	0 45	4 52	1 28	26 51	5 59	10 4	10 0	27 56	1 16	4 27
M26	21 58	5 13	0n56	17 9	1 12	24 57	1 40	7 46	1 1	14 46	1 7	3 24	2 23	12 42	0 45	4 52	1 28	26 51	5 59	10 4	10 2	27 57	1 16	4 26
T 27	22 8	0n49	2 0	17 38	1 5	24 53	1 41	8 0	1 1	14 45	1 7	3 26	2 23	12 42	0 45	4 52	1 28	26 51	5 59	10 4	10 3	27 57	1 16	4 26
W28	22 16	6 40	2 57	18 7	0 58	24 48	1 42	8 15	1 1	14 43	1 7	3 28	2 23	12 42	0 46	4 52	1 28	26 50	5 59	10 5	10 4	27 58	1 16	4 26
T 29	22 24	12 10	3 45	18 35	0 50	24 43	1 43	8 29	1 1	14 41	1 7	3 30	2 23	12 42	0 46	4 52	1 28	26 50	5 59	10 7	10 5	27 58	1 17	4 26
F 30	22s32	17n 8	4n22	19s 2	0n43	24s37	1s44	8s44	1n 0	14n40	1s 6	3s31	2n24	12n42	0n46	4s52	1s28	26s50	5s59	10s10	10s 6	27n59	1s17	4n25

Julian Day Number = 2100856.5, Delta T = 21m23s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'24, Lahiri = 10°28'24 Julian Calendar 1 Nov. 1039 == Greg. Calendar 7 Nov. 1039

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ASTRODIENST EPHEMERIS for the year 1039
geocentric

DECEMBER 1039 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 59 31	14♐28'44	16♉22	29♏ 5	14♑39	25♎28	12°R33	14♎32	28°R41	21♓11	26♑31	3°R35	3♓55	17♊53	16♓31	S 1
S 2	5 3 28	15°29'53	28°19	0♐34	15°53	26° 6	12♉27	14°37	28♌41	21°11	26°33	3♓22	3°52	18° 0	16°32	S 2
M 3	5 7 24	16°31'02	10♊13	2° 3	17° 7	26°45	12°22	14°41	28°40	21°11	26°34	3° 7	3°49	18° 6	16°32	M 3
T 4	5 11 21	17°32'12	22° 6	3°33	18°22	27°23	12°16	14°46	28°40	21°12	26°36	2°53	3°46	18°13	16°33	T 4
W 5	5 15 18	18°33'22	3♋58	5° 3	19°36	28° 2	12°11	14°50	28°40	21°12	26°37	2°39	3°43	18°20	16°34	W 5
T 6	5 19 14	19°34'32	15°51	6°34	20°50	28°40	12° 6	14°55	28°39	21°12	26°39	2°28	3°39	18°26	16°34	T 6
F 7	5 23 11	20°35'43	27°48	8° 5	22° 4	29°18	12° 1	14°59	28°39	21°13	26°40	2°20	3°36	18°33	16°35	F 7
S 8	5 27 7	21°36'54	9♌50	9°36	23°18	29°57	11°56	15° 3	28°38	21°13	26°42	2°15	3°33	18°40	16°36	S 8
S 9	5 31 4	22°38'05	22° 2	11° 8	24°32	0♏35	11°52	15° 8	28°38	21°13	26°43	2°13	3°30	18°47	16°37	S 9
M10	5 35 0	23°39'17	4♍26	12°40	25°45	1°14	11°48	15°12	28°37	21°14	26°45	2°D12	3°27	18°53	16°38	M10
T 11	5 38 57	24°40'29	17° 7	14°12	26°59	1°52	11°43	15°16	28°37	21°14	26°47	2°13	3°24	19° 0	16°39	T 11
W12	5 42 53	25°41'41	0♎10	15°44	28°13	2°31	11°39	15°20	28°36	21°15	26°48	2°R13	3°20	19° 7	16°40	W12
T 13	5 46 50	26°42'54	13°38	17°17	29°27	3° 9	11°36	15°23	28°35	21°15	26°50	2°12	3°17	19°13	16°41	T 13
F 14	5 50 47	27°44'07	27°35	18°50	0♒41	3°47	11°32	15°27	28°34	21°16	26°52	2° 8	3°14	19°20	16°42	F 14
S 15	5 54 43	28°45'20	12♏ 0	20°24	1°54	4°26	11°29	15°31	28°33	21°16	26°53	2° 2	3°11	19°27	16°43	S 15
S 16	5 58 40	29°46'34	26°51	21°58	3° 8	5° 4	11°25	15°34	28°33	21°17	26°55	1°54	3° 8	19°34	16°45	S 16
M17	6 2 36	0♑47'47	12♐ 1	23°32	4°22	5°43	11°22	15°38	28°32	21°18	26°57	1°44	3° 5	19°40	16°46	M17
T 18	6 6 33	1°49'01	27°20	25° 7	5°35	6°21	11°20	15°41	28°31	21°18	26°58	1°34	3° 1	19°47	16°47	T 18
W19	6 10 29	2°50'15	12♑37	26°42	6°49	6°59	11°17	15°45	28°29	21°19	27° 0	1°26	2°58	19°54	16°49	W19
T 20	6 14 26	3°51'28	27°41	28°17	8° 3	7°38	11°15	15°48	28°28	21°20	27° 2	1°19	2°55	20° 0	16°50	T 20
F 21	6 18 23	4°52'40	12♒22	29°53	9°16	8°16	11°12	15°51	28°27	21°21	27° 3	1°15	2°52	20° 7	16°52	F 21
S 22	6 22 19	5°53'52	26°36	1♑29	10°30	8°55	11°10	15°54	28°26	21°22	27° 5	1°D14	2°49	20°14	16°53	S 22
S 23	6 26 16	6°55'04	10♓21	3° 6	11°43	9°33	11° 9	15°57	28°25	21°22	27° 7	1°14	2°46	20°21	16°55	S 23
M24	6 30 12	7°56'14	23°38	4°43	12°56	10°11	11° 7	16° 0	28°23	21°23	27° 9	1°15	2°42	20°27	16°57	M24
T 25	6 34 9	8°57'24	6♈30	6°21	14°10	10°50	11° 6	16° 2	28°22	21°24	27°11	1°R16	2°39	20°34	16°58	T 25
W26	6 38 5	9°58'34	19° 1	7°59	15°23	11°28	11° 5	16° 5	28°21	21°25	27°12	1°15	2°36	20°41	17° 0	W26
T 27	6 42 2	10°59'42	1♉16	9°38	16°36	12° 6	11° 4	16° 7	28°19	21°26	27°14	1°13	2°33	20°47	17° 2	T 27
F 28	6 45 58	12° 0'50	13°20	11°17	17°49	12°45	11° 3	16°10	28°18	21°27	27°16	1° 8	2°30	20°54	17° 4	F 28
S 29	6 49 55	13° 1'57	25°16	12°56	19° 2	13°23	11° 2	16°12	28°16	21°28	27°18	1° 1	2°26	21° 1	17° 6	S 29
S 30	6 53 52	14° 3'03	7♊ 9	14°37	20°15	14° 1	11° 2	16°14	28°14	21°29	27°20	0°53	2°23	21° 8	17° 8	S 30
M31	6 57 48	15♑ 4'08	19♊ 0	16♑17	21♒28	14♏39	11°D 2	16♎16	28♌13	21♓31	27♑21	0♓44	2♓20	21♊14	17♓10	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s39	21n23	4n47	19s29	0n35	24s30	1s45	8s58	1n 0	14n38	1s 6	3s33	2n24	12n43	0n46	4s52	1s28	26s49	5s59	10s15	10s 7	27n59	1s17	4n25	
S 2	22 46	24 44	4 59	19 56	0 28	24 22	1 46	9 12	1 0	14 37	1 6	3 35	2 24	12 43	0 46	4 51	1 28	26 49	5 58	10 20	10 8	27 59	1 17	4 25	
M 3	22 53	27 0	4 57	20 21	0 20	24 14	1 47	9 27	0 59	14 35	1 6	3 36	2 24	12 43	0 46	4 51	1 28	26 49	5 58	10 25	10 10	28 0	1 17	4 24	
T 4	22 59	28 3	4 43	20 46	0 13	24 4	1 47	9 41	0 59	14 34	1 5	3 38	2 24	12 43	0 46	4 51	1 28	26 48	5 58	10 30	10 11	28 0	1 17	4 24	
W 5	23 4	27 47	4 17	21 10	0 6	23 54	1 48	9 55	0 59	14 33	1 5	3 39	2 25	12 43	0 46	4 51	1 28	26 48	5 58	10 35	10 12	28 1	1 17	4 24	
T 6	23 9	26 15	3 39	21 33	0s 1	23 44	1 49	10 9	0 58	14 31	1 5	3 41	2 25	12 43	0 46	4 51	1 28	26 48	5 58	10 39	10 13	28 1	1 17	4 24	
F 7	23 14	23 31	2 52	21 55	0 8	23 33	1 49	10 23	0 58	14 30	1 4	3 42	2 25	12 43	0 46	4 51	1 28	26 47	5 58	10 42	10 14	28 1	1 17	4 23	
S 8	23 18	19 44	1 56	22 16	0 15	23 21	1 50	10 37	0 58	14 29	1 4	3 44	2 25	12 44	0 46	4 51	1 28	26 47	5 58	10 44	10 15	28 2	1 17	4 23	
S 9	23 22	15 5	0 54	22 36	0 22	23 8	1 50	10 51	0 57	14 28	1 4	3 45	2 26	12 44	0 46	4 50	1 28	26 47	5 58	10 44	10 17	28 2	1 17	4 23	
M10	23 25	9 45	0s12	22 55	0 29	22 55	1 50	11 4	0 57	14 27	1 4	3 46	2 26	12 44	0 46	4 50	1 28	26 46	5 58	10 45	10 18	28 2	1 17	4 22	
T 11	23 27	3 55	1 18	23 13	0 35	22 40	1 50	11 18	0 57	14 26	1 3	3 48	2 26	12 44	0 46	4 50	1 28	26 46	5 58	10 45	10 19	28 3	1 16	4 22	
W12	23 30	2s15	2 23	23 29	0 42	22 26	1 50	11 32	0 56	14 25	1 3	3 49	2 26	12 45	0 46	4 50	1 28	26 46	5 58	10 44	10 20	28 3	1 16	4 22	
T 13	23 31	8 30	3 22	23 45	0 48	22 10	1 50	11 45	0 56	14 24	1 3	3 50	2 27	12 45	0 46	4 49	1 28	26 45	5 58	10 45	10 21	28 3	1 16	4 22	
F 14	23 33	14 34	4 11	23 59	0 54	21 54	1 50	11 58	0 56	14 23	1 3	3 52	2 27	12 45	0 46	4 49	1 27	26 45	5 58	10 46	10 22	28 4	1 16	4 21	
S 15	23 34	20 2	4 45	24 13	1 0	21 38	1 50	12 12	0 55	14 22	1 2	3 53	2 27	12 46	0 46	4 49	1 27	26 45	5 58	10 48	10 23	28 4	1 16	4 21	
S 16	23 34	24 27	5 2	24 25	1 6	21 21	1 50	12 25	0 55	14 21	1 2	3 54	2 27	12 46	0 46	4 49	1 27	26 44	5 58	10 51	10 25	28 4	1 16	4 21	
M17	23 34	27 17	4 59	24 35	1 11	21 3	1 50	12 38	0 54	14 21	1 2	3 55	2 28	12 46	0 46	4 48	1 27	26 44	5 58	10 55	10 26	28 5	1 15	4 20	
T 18	23 33	28 6	4 34	24 45	1 16	20 44	1 49	12 51	0 54	14 20	1 1	3 56	2 28	12 47	0 46	4 48	1 27	26 44	5 58	10 58	10 27	28 5	1 15	4 20	
W19	23 32	26 46	3 49	24 53	1 21	20 25	1 49	13 4	0 54	14 20	1 1	3 57	2 28	12 47	0 46	4 48	1 27	26 43	5 58	11 1	10 28	28 5	1 15	4 20	
T 20	23 31	23 30	2 49	25 0	1 26	20 6	1 48	13 17	0 53	14 19	1 1	3 58	2 28	12 48	0 46	4 47	1 27	26 43	5 58	11 4	10 29	28 6	1 14	4 20	
F 21	23 29	18 46	1 39	25 5	1 31	19 45	1 48	13 30	0 53	14 19	1 1	3 59	2 29	12 48	0 47	4 47	1 27	26 42	5 58	11 5	10 30	28 6	1 14	4 19	
S 22	23 26	13 6	0 25	25 9	1 35	19 25	1 47	13 43	0 52	14 18	1 0	4 0	2 29	12 49	0 47	4 47	1 27	26 42	5 58	11 6	10 32	28 6	1 14	4 19	
S 23	23 23	6 58	0n49	25 11	1 39	19 4	1 46	13 56	0 52	14 18	1 0	4 1	2 29	12 49	0 47	4 46	1 27	26 42	5 58	11 6	10 33	28 6	1 13	4 19	
M24	23 20	0 45	1 57	25 12	1 43	18 42	1 45	14 8	0 52	14 18	1 0	4 2	2 29	12 49	0 47	4 46	1 27	26 41	5 58	11 5	10 34	28 7	1 13	4 19	
T 25	23 16	5n19	2 58	25 11	1 47	18 20	1 44	14 21	0 51	14 18	0 59	4 2	2 30	12 50	0 47	4 45	1 27	26 41	5 58	11 5	10 35	28 7	1 12	4 18	
W26	23 11	11 0	3 48	25 9	1 50	17 57	1 43	14 33	0 51	14 18	0 59	4 3	2 30	12 51	0 47	4 45	1 27	26 41	5 58	11 5	10 36	28 7	1 12	4 18	
T 27	23 6	16 8	4 26	25 6	1 53	17 34	1 42	14 45	0 50	14 18	0 59	4 4	2 30	12 51	0 47	4 45	1 27	26 40	5 58	11 6	10 37	28 7	1 12	4 18	
F 28	23 1	20 34	4 52	25 0	1 56	17 10	1 40	14 57	0 50	14 18	0 59	4 5	2 30	12 52	0 47	4 44	1 27	26 40	5 58	11 8	10 38	28 7	1 11	4 17	
S 29	22 55	24 7	5 5	24 53	1 58	16 46	1 39	15 9	0 49	14 18	0 58	4 5	2 31	12 52	0 47	4 44	1 27	26 40	5 58	11 10	10 40	28 8	1 11	4 17	
S 30	22 49	26 38	5 5	24 45	2 0	16 21	1 38	15 21	0 49	14 18	0 58	4 6	2 31	12 53	0 47	4 43	1 27	26 39	5 58	11 13	10 41	28 8	1 10	4 17	
M31	22s43	27n57	4n52	24s35	2s 2	15s56	1s36	15s33	0n48	14n18	0s58	4s 6	2n31	12n53	0n47	4s43	1s27	26s39	5s58	11s16	10s42	28n 8	1s10	4n17	

Julian Day Number = 2100886.5, Delta T = 21m23s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'28, Lahiri = 10°28'28 Julian Calendar 1 Dec. 1039 == Greg. Calendar 7 Dec. 1039

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

JANUARY 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 1 45	16♉ 5'12	0♋53	17♉59	22♒41	15♏18	11♉ 2	16♎19	28°R11	21♓32	27♉23	0°R35	2♓17	21♊21	17♓12	T 1
W 2	7 5 41	17° 6'16	12°48	19°41	23°54	15°56	11° 2	16°20	28♌ 9	21°33	27°25	0♓26	2°14	21°28	17°14	W 2
T 3	7 9 38	18° 7'19	24°48	21°23	25° 6	16°34	11° 3	16°22	28° 8	21°34	27°27	0°19	2°11	21°35	17°16	T 3
F 4	7 13 34	19° 8'21	6♌54	23° 6	26°19	17°13	11° 3	16°24	28° 6	21°35	27°29	0°15	2° 7	21°41	17°18	F 4
S 5	7 17 31	20° 9'22	19° 7	24°49	27°32	17°51	11° 4	16°26	28° 4	21°37	27°31	0°12	2° 4	21°48	17°20	S 5
S 6	7 21 27	21°10'23	1♍29	26°33	28°44	18°29	11° 5	16°27	28° 2	21°38	27°32	0°D11	2° 1	21°55	17°22	S 6
M 7	7 25 24	22°11'22	14° 3	28°18	29°57	19° 7	11° 7	16°29	28° 0	21°39	27°34	0°12	1°58	22° 1	17°25	M 7
T 8	7 29 21	23°12'21	26°51	0♒ 2	1♓ 9	19°46	11° 8	16°30	27°58	21°41	27°36	0°14	1°55	22° 8	17°27	T 8
W 9	7 33 17	24°13'20	9♎56	1°47	2°21	20°24	11°10	16°31	27°56	21°42	27°38	0°15	1°51	22°15	17°29	W 9
T 10	7 37 14	25°14'17	23°21	3°33	3°33	21° 2	11°12	16°32	27°54	21°43	27°40	0°R16	1°48	22°22	17°32	T 10
F 11	7 41 10	26°15'14	7♏ 8	5°18	4°45	21°40	11°14	16°33	27°52	21°45	27°42	0°15	1°45	22°28	17°34	F 11
S 12	7 45 7	27°16'10	21°18	7° 4	5°57	22°19	11°16	16°34	27°50	21°46	27°43	0°13	1°42	22°35	17°37	S 12
S 13	7 49 3	28°17'05	5♐49	8°50	7° 9	22°57	11°19	16°35	27°48	21°48	27°45	0°10	1°39	22°42	17°39	S 13
M14	7 53 0	29°18'00	20°37	10°35	8°21	23°35	11°21	16°35	27°46	21°49	27°47	0° 6	1°36	22°48	17°42	M14
T 15	7 56 56	0♒18'53	5♑36	12°20	9°33	24°13	11°24	16°36	27°43	21°51	27°49	0° 1	1°32	22°55	17°45	T 15
W16	8 0 53	1°19'46	20°38	14° 4	10°45	24°51	11°27	16°36	27°41	21°53	27°51	29♒57	1°29	23° 2	17°47	W16
T 17	8 4 50	2°20'37	5♒32	15°47	11°56	25°29	11°31	16°37	27°39	21°54	27°53	29°54	1°26	23° 9	17°50	T 17
F 18	8 8 46	3°21'27	20°11	17°29	13° 8	26° 7	11°34	16°37	27°37	21°56	27°55	29°52	1°23	23°15	17°53	F 18
S 19	8 12 43	4°22'15	4♓29	19°10	14°19	26°46	11°38	16°37	27°34	21°57	27°56	29°D52	1°20	23°22	17°55	S 19
S 20	8 16 39	5°23'02	18°21	20°48	15°30	27°24	11°42	16°R37	27°32	21°59	27°58	29°53	1°17	23°29	17°58	S 20
M21	8 20 36	6°23'47	1♈46	22°24	16°41	28° 2	11°46	16°37	27°29	22° 1	28° 0	29°54	1°13	23°35	18° 1	M21
T 22	8 24 32	7°24'31	14°46	23°57	17°52	28°40	11°50	16°37	27°27	22° 3	28° 2	29°56	1°10	23°42	18° 4	T 22
W23	8 28 29	8°25'13	27°24	25°26	19° 3	29°18	11°54	16°37	27°25	22° 4	28° 4	29°57	1° 7	23°49	18° 7	W23
T 24	8 32 25	9°25'53	9♉43	26°51	20°14	29°56	11°59	16°36	27°22	22° 6	28° 6	29°R58	1° 4	23°56	18°10	T 24
F 25	8 36 22	10°26'31	21°48	28°11	21°25	0♐34	12° 4	16°36	27°20	22° 8	28° 7	29°57	1° 1	24° 2	18°13	F 25
S 26	8 40 19	11°27'08	3♊45	29°25	22°35	1°12	12° 9	16°35	27°17	22°10	28° 9	29°56	0°57	24° 9	18°16	S 26
S 27	8 44 15	12°27'43	15°37	0♓33	23°46	1°50	12°14	16°35	27°15	22°12	28°11	29°54	0°54	24°16	18°19	S 27
M28	8 48 12	13°28'17	27°28	1°34	24°56	2°28	12°19	16°34	27°12	22°13	28°13	29°51	0°51	24°22	18°22	M28
T 29	8 52 8	14°28'48	9♋22	2°28	26° 6	3° 5	12°25	16°33	27°10	22°15	28°15	29°48	0°48	24°29	18°25	T 29
W30	8 56 5	15°29'18	21°22	3°13	27°16	3°43	12°30	16°32	27° 7	22°17	28°17	29°46	0°45	24°36	18°28	W30
T 31	9 0 1	16♒29'46	3♌29	3♓49	28♓26	4♐21	12♉36	16♎31	27♌ 5	22♓19	28♉18	29♒44	0♓42	24♊43	18♓31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22s35	27n59	4n26	24s23	2s 3	15s31	1s34	15s45	0n48	14n18	0s57	4s 7	2n31	12n54	0n47	4s42	1s27	26s39	5s58	11s20	10s43	28n 8	1s 9	4n16	
W 2	22 28	26 43	3 48	24 9	2 4	15 5	1 33	15 56	0 47	14 19	0 57	4 7	2 32	12 55	0 47	4 42	1 27	26 38	5 58	11 23	10 44	28 8	1 8	4 16	
T 3	22 20	24 13	3 0	23 54	2 4	14 39	1 31	16 8	0 47	14 19	0 57	4 8	2 32	12 55	0 47	4 41	1 27	26 38	5 59	11 25	10 45	28 8	1 8	4 16	
F 4	22 11	20 38	2 3	23 37	2 4	14 12	1 29	16 19	0 46	14 20	0 57	4 8	2 32	12 56	0 47	4 41	1 27	26 38	5 59	11 27	10 46	28 9	1 7	4 16	
S 5	22 3	16 7	1 0	23 18	2 4	13 45	1 27	16 31	0 46	14 20	0 56	4 9	2 33	12 57	0 47	4 40	1 27	26 37	5 59	11 28	10 48	28 9	1 6	4 16	
S 6	21 53	10 54	0s 7	22 58	2 3	13 18	1 25	16 42	0 45	14 21	0 56	4 9	2 33	12 57	0 47	4 40	1 27	26 37	5 59	11 28	10 49	28 9	1 6	4 15	
M 7	21 44	5 9	1 15	22 36	2 1	12 51	1 23	16 53	0 45	14 22	0 56	4 9	2 33	12 58	0 47	4 39	1 27	26 37	5 59	11 28	10 50	28 9	1 5	4 15	
T 8	21 34	0s53	2 20	22 12	1 59	12 23	1 21	17 4	0 44	14 22	0 55	4 10	2 33	12 59	0 47	4 38	1 26	26 36	5 59	11 27	10 51	28 9	1 4	4 15	
W 9	21 23	7 1	3 20	21 46	1 57	11 55	1 18	17 15	0 44	14 23	0 55	4 10	2 34	12 59	0 47	4 38	1 26	26 36	5 59	11 27	10 52	28 9	1 4	4 15	
T 10	21 12	12 59	4 10	21 18	1 54	11 26	1 16	17 25	0 43	14 24	0 55	4 10	2 34	13 0	0 47	4 37	1 26	26 36	5 59	11 26	10 53	28 9	1 3	4 14	
F 11	21 1	18 29	4 47	20 49	1 50	10 57	1 13	17 36	0 42	14 25	0 55	4 10	2 34	13 1	0 47	4 37	1 26	26 35	5 59	11 26	10 54	28 9	1 2	4 14	
S 12	20 49	23 8	5 8	20 18	1 46	10 28	1 11	17 46	0 42	14 26	0 54	4 10	2 35	13 2	0 47	4 36	1 26	26 35	5 59	11 27	10 56	28 9	1 1	4 14	
S 13	20 37	26 29	5 11	19 46	1 41	9 59	1 8	17 57	0 41	14 27	0 54	4 10	2 35	13 2	0 47	4 35	1 26	26 35	5 59	11 28	10 57	28 10	1 1	4 14	
M14	20 24	28 6	4 52	19 12	1 35	9 30	1 6	18 7	0 41	14 28	0 54	4 10	2 35	13 3	0 47	4 35	1 26	26 35	5 59	11 30	10 58	28 10	1 0	4 13	
T 15	20 11	27 41	4 14	18 37	1 29	9 0	1 3	18 17	0 40	14 29	0 53	4 10	2 35	13 4	0 47	4 34	1 26	26 34	5 59	11 32	10 59	28 10	0 59	4 13	
W16	19 58	25 14	3 18	18 0	1 22	8 30	1 0	18 27	0 39	14 30	0 53	4 10	2 36	13 5	0 47	4 33	1 26	26 34	5 59	11 33	11 0	28 10	0 58	4 13	
T 17	19 44	21 5	2 9	17 22	1 14	8 0	0 57	18 36	0 39	14 32	0 53	4 10	2 36	13 6	0 47	4 33	1 26	26 34	5 59	11 34	11 1	28 10	0 57	4 13	
F 18	19 30	15 40	0 53	16 43	1 5	7 29	0 54	18 46	0 38	14 33	0 53	4 10	2 36	13 6	0 47	4 32	1 26	26 33	6 0	11 35	11 2	28 10	0 56	4 13	
S 19	19 16	9 32	0n25	16 3	0 56	6 59	0 51	18 56	0 37	14 34	0 52	4 10	2 36	13 7	0 47	4 31	1 26	26 33	6 0	11 35	11 4	28 10	0 56	4 12	
S 20	19 1	3 6	1 40	15 22	0 46	6 28	0 47	19 5	0 37	14 36	0 52	4 9	2 37	13 8	0 47	4 31	1 26	26 33	6 0	11 34	11 5	28 10	0 55	4 12	
M21	18 46	3n15	2 47	14 40	0 35	5 58	0 44	19 14	0 36	14 37	0 52	4 9	2 37	13 9	0 47	4 30	1 26	26 32	6 0	11 34	11 6	28 10	0 54	4 12	
T 22	18 31	9 16	3 42	13 59	0 23	5 27	0 41	19 23	0 35	14 39	0 52	4 9	2 37	13 10	0 47	4 29	1 26	26 32	6 0	11 33	11 7	28 10	0 53	4 12	
W23	18 15	14 44	4 26	13 17	0 11	4 56	0 37	19 32	0 35	14 41	0 51	4 8	2 38	13 11	0 47	4 29	1 26	26 32	6 0	11 33	11 8	28 10	0 52	4 12	
T 24	17 59	19 28	4 56	12 36	0n 2	4 24	0 34	19 41	0 34	14 42	0 51	4 8	2 38	13 12	0 48	4 28	1 26	26 32	6 0	11 33	11 9	28 10	0 51	4 11	
F 25	17 43	23 20	5 12	11 55	0 16	3 53	0 30	19 50	0 33	14 44	0 51	4 8	2 38	13 12	0 48	4 27	1 26	26 31	6 0	11 33	11 10	28 10	0 50	4 11	
S 26	17 26	26 9	5 14	11 16	0 30	3 22	0 27	19 59	0 33	14 46	0 50	4 7	2 38	13 13	0 48	4 26	1 26	26 31	6 0	11 33	11 11	28 10	0 49	4 11	
S 27	17 9	27 49	5 3	10 38	0 45	2 50	0 23	20 7	0 32	14 48	0 50	4 7	2 39	13 14	0 48	4 26	1 26	26 31	6 0	11 34	11 13	28 10	0 48	4 11	
M28	16 52	28 12	4 39	10 2	1 1	2 19	0 19	20 15	0 31	14 49	0 50	4 6	2 39	13 15	0 48	4 25	1 26	26 30	6 1	11 35	11 14	28 10	0 47	4 11	
T 29	16 34	27 17	4 3	9 28	1 16	1 48	0 15	20 23	0 30	14 51	0 50	4 5	2 39	13 16	0 48	4 24	1 26	26 30	6 1	11 36	11 15	28 10	0 46	4 11	
W30	16 17	25 6	3 16	8 57	1 32	1 16	0 12	20 31	0 30	14 53	0 49	4 5	2 39	13 17	0 48	4 23	1 26	26 30	6 1	11 37	11 16	28 10	0 45	4 10	
T 31	15s59	21n45	2n20	8s29	1n48	0s45	0s 8	20s39	0n29	14n55	0s49	4s 4	2n40	13n18	0n48	4s23	1s26	26s30	6s 1	11s37	11s17	28n 9	0s44	4n10	

Julian Day Number = 2100917.5, Delta T = 21m22s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'32, Lahiri = 10°28'32 Julian Calendar 1 Jan. 1040 == Greg. Calendar 7 Jan. 1040

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1040
geocentric

FEBRUARY 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 3 58	17♒30'12	15♌47	4♓16	29♓36	4♐59	12♉42	16°R30	27°R 2	22♓21	28♑20	29°R43	0♓38	24♊49	18♓34	F 1
S 2	9 7 54	18°30'36	28°16	4°33	0♈45	5°37	12°48	16♎28	27♌ 0	22°23	28°22	29°D43	0°35	24°56	18°37	S 2
S 3	9 11 51	19°30'59	10♍56	4°R40	1°55	6°15	12°55	16°27	26°57	22°25	28°24	29♒43	0°32	25° 3	18°40	S 3
M 4	9 15 48	20°31'20	23°49	4°37	3° 4	6°52	13° 1	16°25	26°54	22°27	28°25	29°44	0°29	25° 9	18°44	M 4
T 5	9 19 44	21°31'40	6♎56	4°24	4°13	7°30	13° 8	16°24	26°52	22°29	28°27	29°44	0°26	25°16	18°47	T 5
W 6	9 23 41	22°31'58	20°16	4° 1	5°22	8° 8	13°14	16°22	26°49	22°31	28°29	29°45	0°23	25°23	18°50	W 6
T 7	9 27 37	23°32'14	3♏50	3°30	6°31	8°46	13°21	16°20	26°47	22°33	28°31	29°46	0°19	25°29	18°53	T 7
F 8	9 31 34	24°32'29	17°39	2°51	7°39	9°23	13°28	16°18	26°44	22°35	28°32	29°46	0°16	25°36	18°57	F 8
S 9	9 35 30	25°32'43	1♐41	2° 4	8°48	10° 1	13°36	16°16	26°41	22°37	28°34	29°R46	0°13	25°43	19° 0	S 9
S 10	9 39 27	26°32'55	15°56	1°12	9°56	10°39	13°43	16°14	26°39	22°39	28°36	29°46	0°10	25°50	19° 3	S 10
M11	9 43 23	27°33'06	0♑22	0°15	11° 4	11°16	13°51	16°12	26°36	22°41	28°37	29°46	0° 7	25°56	19° 7	M11
T 12	9 47 20	28°33'15	14°54	29♒15	12°12	11°54	13°58	16°10	26°33	22°43	28°39	29°45	0° 3	26° 3	19°10	T 12
W13	9 51 17	29°33'22	29°27	28°13	13°20	12°31	14° 6	16° 8	26°31	22°45	28°41	29°D45	0° 0	26°10	19°13	W13
T 14	9 55 13	0♓33'27	13♒57	27°11	14°27	13° 9	14°14	16° 5	26°28	22°48	28°42	29°45	29♒57	26°16	19°17	T 14
F 15	9 59 10	1°33'31	28°17	26°11	15°35	13°46	14°22	16° 3	26°26	22°50	28°44	29°R45	29°54	26°23	19°20	F 15
S 16	10 3 6	2°33'33	12♓21	25°12	16°42	14°24	14°31	16° 0	26°23	22°52	28°45	29°45	29°51	26°30	19°24	S 16
S 17	10 7 3	3°33'32	26° 7	24°18	17°49	15° 1	14°39	15°57	26°20	22°54	28°47	29°45	29°48	26°37	19°27	S 17
M18	10 10 59	4°33'30	9♈32	23°28	18°55	15°38	14°47	15°54	26°18	22°56	28°49	29°45	29°44	26°43	19°31	M18
T 19	10 14 56	5°33'25	22°34	22°44	20° 2	16°16	14°56	15°52	26°15	22°58	28°50	29°44	29°41	26°50	19°34	T 19
W20	10 18 52	6°33'18	5♉16	22° 5	21° 8	16°53	15° 5	15°49	26°13	23° 1	28°52	29°43	29°38	26°57	19°37	W20
T 21	10 22 49	7°33'09	17°40	21°32	22°14	17°30	15°14	15°46	26°10	23° 3	28°53	29°42	29°35	27° 3	19°41	T 21
F 22	10 26 46	8°32'58	29°48	21° 6	23°20	18° 7	15°23	15°42	26° 8	23° 5	28°55	29°42	29°32	27°10	19°44	F 22
S 23	10 30 42	9°32'44	11♊47	20°46	24°25	18°44	15°32	15°39	26° 5	23° 7	28°56	29°D42	29°29	27°17	19°48	S 23
S 24	10 34 39	10°32'29	23°39	20°33	25°30	19°22	15°41	15°36	26° 3	23° 9	28°58	29°42	29°25	27°24	19°51	S 24
M25	10 38 35	11°32'11	5♋31	20°26	26°35	19°59	15°51	15°33	26° 0	23°12	28°59	29°43	29°22	27°30	19°55	M25
T 26	10 42 32	12°31'50	17°26	20°D25	27°40	20°36	16° 0	15°29	25°58	23°14	29° 1	29°44	29°19	27°37	19°59	T 26
W27	10 46 28	13°31'28	29°29	20°30	28°44	21°13	16°10	15°26	25°55	23°16	29° 2	29°45	29°16	27°44	20° 2	W27
T 28	10 50 25	14°31'03	11♌43	20°41	29°48	21°50	16°20	15°22	25°53	23°18	29° 3	29°47	29°13	27°50	20° 6	T 28
F 29	10 54 21	15♓30'36	24♌12	20♒57	0♉52	22♐26	16♉30	15♎19	25♌50	23♓21	29♑ 5	29°R47	29♒ 9	27♊57	20♓ 9	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s40	17n24	1n16	8s 4	2n 4	0s13	0s 4	20s47	0n28	14n57	0s49	4s 3	2n40	13n19	0n48	4s22	1s26	26s29	6s 1	11s38	11s18	28n 9	0s43	4n10
S 2	15 22	12 16	0 8	7 44	2 19	0n19	0n 0	20 55	0 27	14 59	0 49	4 3	2 40	13 19	0 48	4 21	1 26	26 29	6 1	11 38	11 19	28 9	0 42	4 10
S 3	15 3	6 33	1s 2	7 28	2 34	0 50	0 5	21 2	0 26	15 2	0 48	4 2	2 40	13 20	0 48	4 20	1 26	26 29	6 1	11 38	11 21	28 9	0 40	4 10
M 4	14 44	0 29	2 10	7 16	2 48	1 22	0 9	21 9	0 26	15 4	0 48	4 1	2 41	13 21	0 48	4 19	1 26	26 29	6 1	11 38	11 22	28 9	0 39	4 10
T 5	14 24	5s42	3 12	7 8	3 1	1 53	0 13	21 16	0 25	15 6	0 48	4 0	2 41	13 22	0 48	4 19	1 26	26 28	6 2	11 37	11 23	28 9	0 38	4 9
W 6	14 5	11 44	4 5	7 5	3 13	2 24	0 17	21 23	0 24	15 8	0 48	3 59	2 41	13 23	0 48	4 18	1 26	26 28	6 2	11 37	11 24	28 9	0 37	4 9
T 7	13 45	17 20	4 45	7 7	3 23	2 56	0 22	21 30	0 23	15 11	0 47	3 59	2 41	13 24	0 48	4 17	1 26	26 28	6 2	11 37	11 25	28 9	0 36	4 9
F 8	13 25	22 8	5 10	7 13	3 32	3 27	0 26	21 37	0 22	15 13	0 47	3 58	2 42	13 25	0 48	4 16	1 26	26 28	6 2	11 37	11 26	28 9	0 35	4 9
S 9	13 4	25 47	5 17	7 24	3 39	3 58	0 30	21 43	0 21	15 15	0 47	3 57	2 42	13 26	0 48	4 15	1 26	26 28	6 2	11 37	11 27	28 8	0 34	4 9
S 10	12 44	27 52	5 5	7 38	3 43	4 29	0 35	21 50	0 20	15 18	0 47	3 56	2 42	13 27	0 48	4 14	1 26	26 27	6 2	11 37	11 28	28 8	0 32	4 9
M11	12 23	28 7	4 33	7 55	3 46	5 0	0 39	21 56	0 19	15 20	0 46	3 54	2 42	13 28	0 48	4 14	1 26	26 27	6 2	11 37	11 30	28 8	0 31	4 9
T 12	12 2	26 26	3 44	8 16	3 46	5 31	0 44	22 2	0 18	15 23	0 46	3 53	2 43	13 29	0 48	4 13	1 26	26 27	6 3	11 37	11 31	28 8	0 30	4 9
W13	11 41	22 59	2 40	8 39	3 44	6 2	0 48	22 8	0 17	15 25	0 46	3 52	2 43	13 29	0 48	4 12	1 26	26 27	6 3	11 37	11 32	28 8	0 29	4 8
T 14	11 20	18 7	1 27	9 4	3 40	6 33	0 53	22 13	0 16	15 28	0 46	3 51	2 43	13 30	0 48	4 11	1 26	26 26	6 3	11 37	11 33	28 8	0 28	4 8
F 15	10 59	12 16	0 8	9 30	3 35	7 3	0 58	22 19	0 16	15 31	0 46	3 50	2 43	13 31	0 48	4 10	1 26	26 26	6 3	11 37	11 34	28 7	0 26	4 8
S 16	10 37	5 54	1n 9	9 56	3 27	7 33	1 2	22 24	0 15	15 33	0 45	3 49	2 44	13 32	0 48	4 9	1 26	26 26	6 3	11 37	11 35	28 7	0 25	4 8
S 17	10 15	0n36	2 21	10 23	3 18	8 3	1 7	22 30	0 14	15 36	0 45	3 48	2 44	13 33	0 48	4 8	1 26	26 26	6 3	11 37	11 36	28 7	0 24	4 8
M18	9 53	6 54	3 23	10 49	3 7	8 33	1 12	22 35	0 13	15 39	0 45	3 46	2 44	13 34	0 48	4 8	1 26	26 26	6 3	11 37	11 37	28 7	0 23	4 8
T 19	9 31	12 44	4 13	11 15	2 55	9 3	1 17	22 40	0 11	15 42	0 45	3 45	2 44	13 35	0 48	4 7	1 26	26 26	6 4	11 38	11 38	28 6	0 21	4 8
W20	9 9	17 52	4 49	11 39	2 43	9 33	1 21	22 45	0 10	15 44	0 44	3 44	2 44	13 36	0 48	4 6	1 26	26 25	6 4	11 38	11 40	28 6	0 20	4 8
T 21	8 47	22 8	5 10	12 3	2 29	10 2	1 26	22 49	0 9	15 47	0 44	3 42	2 45	13 36	0 48	4 5	1 26	26 25	6 4	11 38	11 41	28 6	0 19	4 8
F 22	8 24	25 22	5 17	12 24	2 16	10 31	1 31	22 54	0 8	15 50	0 44	3 41	2 45	13 37	0 48	4 4	1 26	26 25	6 4	11 38	11 42	28 6	0 17	4 7
S 23	8 2	27 26	5 10	12 44	2 1	11 0	1 36	22 58	0 7	15 53	0 44	3 39	2 45	13 38	0 48	4 3	1 25	26 25	6 4	11 38	11 43	28 5	0 16	4 7
S 24	7 39	28 14	4 50	13 2	1 47	11 28	1 41	23 2	0 6	15 56	0 44	3 38	2 45	13 39	0 48	4 2	1 25	26 25	6 5	11 38	11 44	28 5	0 15	4 7
M25	7 16	27 44	4 17	13 18	1 32	11 57	1 45	23 6	0 5	15 59	0 43	3 37	2 45	13 40	0 48	4 1	1 25	26 25	6 5	11 38	11 45	28 5	0 14	4 7
T 26	6 54	25 57	3 33	13 32	1 18	12 25	1 50	23 10	0 4	16 2	0 43	3 35	2 45	13 41	0 48	4 1	1 25	26 25	6 5	11 37	11 46	28 5	0 12	4 7
W27	6 31	22 58	2 40	13 44	1 4	12 52	1 55	23 14	0 3	16 5	0 43	3 34	2 46	13 42	0 48	4 0	1 25	26 24	6 5	11 37	11 47	28 4	0 11	4 7
T 28	6 8	18 56	1 38	13 53	0 50	13 20	2 0	23 17	0 1	16 8	0 43	3 32	2 46	13 42	0 48	3 59	1 25	26 24	6 5	11 37	11 49	28 4	0 10	4 7
F 29	5s44	14n 1	0n31	14s 1	0n36	13n47	2n 5	23s21	0n 0	16n11	0s42	3s31	2n46	13n43	0n48	3s58	1s25	26s24	6s 5	11s36	11s50	28n 4	0s 8	4n 7

Julian Day Number = 2100948.5, Delta T = 21m22s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'36, Lahiri = 10°28'37 Julian Calendar 1 Feb. 1040 == Greg. Calendar 7 Feb. 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

MARCH 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 58 18	16♓30'06	6♍56	21♒18	1♉56	23♐ 3	16♉40	15°R15	25°R48	23♓23	29♑ 6	29°R47	29♒ 6	28♊ 4	20♓13	S 1
S 2	11 2 15	17°29'35	19°57	21°44	2°59	23°40	16°50	15♎11	25♌45	23°25	29° 8	29♒46	29° 3	28°10	20°16	S 2
M 3	11 6 11	18°29'01	3♎14	22°15	4° 2	24°17	17° 0	15° 7	25°43	23°27	29° 9	29°44	29° 0	28°17	20°20	M 3
T 4	11 10 8	19°28'25	16°47	22°50	5° 4	24°53	17°10	15° 4	25°41	23°30	29°10	29°42	28°57	28°24	20°23	T 4
W 5	11 14 4	20°27'48	0♏32	23°29	6° 6	25°30	17°21	15° 0	25°38	23°32	29°12	29°39	28°54	28°31	20°27	W 5
T 6	11 18 1	21°27'08	14°28	24°12	7° 8	26° 7	17°31	14°56	25°36	23°34	29°13	29°36	28°50	28°37	20°30	T 6
F 7	11 21 57	22°26'27	28°31	24°59	8° 9	26°43	17°42	14°52	25°34	23°36	29°14	29°34	28°47	28°44	20°34	F 7
S 8	11 25 54	23°25'44	12♐40	25°49	9°11	27°20	17°52	14°48	25°32	23°39	29°15	29°32	28°44	28°51	20°38	S 8
S 9	11 29 50	24°25'00	26°51	26°42	10°11	27°56	18° 3	14°44	25°29	23°41	29°16	29°D32	28°41	28°57	20°41	S 9
M10	11 33 47	25°24'13	11♑ 3	27°38	11°12	28°32	18°14	14°39	25°27	23°43	29°18	29°32	28°38	29° 4	20°45	M10
T 11	11 37 44	26°23'25	25°13	28°37	12°11	29° 9	18°25	14°35	25°25	23°46	29°19	29°34	28°35	29°11	20°48	T 11
W12	11 41 40	27°22'35	9♒19	29°39	13°11	29°45	18°36	14°31	25°23	23°48	29°20	29°35	28°31	29°18	20°52	W12
T 13	11 45 37	28°21'43	23°20	0♓43	14°10	0♑21	18°47	14°27	25°21	23°50	29°21	29°R36	28°28	29°24	20°55	T 13
F 14	11 49 33	29°20'49	7♓12	1°50	15° 9	0°57	18°59	14°22	25°19	23°52	29°22	29°36	28°25	29°31	20°59	F 14
S 15	11 53 30	0♈19'53	20°54	2°59	16° 7	1°33	19°10	14°18	25°17	23°55	29°23	29°35	28°22	29°38	21° 2	S 15
S 16	11 57 26	1°18'55	4♈21	4°11	17° 4	2° 9	19°21	14°14	25°15	23°57	29°24	29°31	28°19	29°44	21° 6	S 16
M17	12 1 23	2°17'55	17°33	5°24	18° 2	2°45	19°33	14° 9	25°13	23°59	29°25	29°27	28°15	29°51	21° 9	M17
T 18	12 5 19	3°16'52	0♉29	6°40	18°58	3°21	19°44	14° 5	25°11	24° 1	29°26	29°21	28°12	29°58	21°13	T 18
W19	12 9 16	4°15'48	13° 7	7°58	19°54	3°56	19°56	14° 0	25° 9	24° 4	29°27	29°15	28° 9	0♋ 4	21°16	W19
T 20	12 13 12	5°14'41	25°30	9°17	20°50	4°32	20° 8	13°56	25° 7	24° 6	29°28	29° 9	28° 6	0°11	21°20	T 20
F 21	12 17 9	6°13'33	7♊39	10°39	21°45	5° 8	20°20	13°51	25° 6	24° 8	29°29	29° 5	28° 3	0°18	21°23	F 21
S 22	12 21 6	7°12'22	19°38	12° 2	22°40	5°43	20°32	13°47	25° 4	24°10	29°30	29° 1	28° 0	0°25	21°27	S 22
S 23	12 25 2	8°11'08	1♋30	13°27	23°33	6°18	20°44	13°42	25° 2	24°13	29°31	29° 0	27°56	0°31	21°30	S 23
M24	12 28 59	9° 9'53	13°22	14°54	24°27	6°54	20°56	13°38	25° 0	24°15	29°32	28°D59	27°53	0°38	21°34	M24
T 25	12 32 55	10° 8'35	25°17	16°23	25°19	7°29	21° 8	13°33	24°59	24°17	29°33	29° 0	27°50	0°45	21°37	T 25
W26	12 36 52	11° 7'15	7♌20	17°54	26°11	8° 4	21°20	13°28	24°57	24°19	29°33	29° 2	27°47	0°51	21°40	W26
T 27	12 40 48	12° 5'52	19°37	19°26	27° 2	8°39	21°32	13°24	24°56	24°21	29°34	29° 3	27°44	0°58	21°44	T 27
F 28	12 44 45	13° 4'27	2♍12	21° 0	27°53	9°14	21°45	13°19	24°54	24°24	29°35	29°R 4	27°40	1° 5	21°47	F 28
S 29	12 48 41	14° 3'00	15° 6	22°35	28°42	9°48	21°57	13°15	24°53	24°26	29°36	29° 2	27°37	1°11	21°50	S 29
S 30	12 52 38	15° 1'31	28°24	24°12	29°31	10°23	22° 9	13°10	24°51	24°28	29°36	28°59	27°34	1°18	21°54	S 30
M31	12 56 35	16♈ 0'00	12♎ 2	25♓51	0♊19	10♑58	22♉22	13♎ 6	24♌50	24♓30	29♑37	28♒54	27♒31	1♋25	21♓57	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s21	8n24	0s39	14s 7	0n23	14n14	2n10	23s24	0s 1	16n14	0s42	3s29	2n46	13n44	0n48	3s57	1s25	26s24	6s 6	11s36	11s51	28n 3	0s 7	4n 7
S 2	4 58	2 20	1 49	14 11	0 10	14 40	2 14	23 27	0 2	16 17	0 42	3 27	2 46	13 45	0 48	3 56	1 25	26 24	6 6	11 37	11 52	28 3	0 6	4 7
M 3	4 35	3s57	2 54	14 13	0s 3	15 7	2 19	23 30	0 3	16 20	0 42	3 26	2 46	13 46	0 48	3 55	1 25	26 24	6 6	11 37	11 53	28 3	0 4	4 7
T 4	4 11	10 10	3 51	14 13	0 15	15 32	2 24	23 33	0 5	16 23	0 42	3 24	2 47	13 46	0 48	3 54	1 25	26 24	6 6	11 38	11 54	28 2	0 3	4 7
W 5	3 48	16 0	4 35	14 11	0 26	15 58	2 29	23 35	0 6	16 26	0 41	3 23	2 47	13 47	0 48	3 53	1 25	26 24	6 6	11 39	11 55	28 2	0 2	4 7
T 6	3 24	21 5	5 3	14 7	0 38	16 23	2 34	23 38	0 7	16 29	0 41	3 21	2 47	13 48	0 48	3 52	1 25	26 24	6 7	11 40	11 56	28 2	0 0	4 7
F 7	3 1	25 2	5 14	14 1	0 48	16 48	2 38	23 40	0 9	16 32	0 41	3 19	2 47	13 49	0 47	3 52	1 25	26 24	6 7	11 41	11 57	28 1	0n 1	4 7
S 8	2 37	27 30	5 6	13 54	0 58	17 12	2 43	23 42	0 10	16 36	0 41	3 17	2 47	13 49	0 47	3 51	1 26	26 24	6 7	11 42	11 59	28 1	0 3	4 7
S 9	2 14	28 11	4 39	13 45	1 8	17 36	2 48	23 44	0 11	16 39	0 41	3 16	2 47	13 50	0 47	3 50	1 26	26 23	6 7	11 42	12 0	28 0	0 4	4 7
M10	1 50	27 1	3 56	13 34	1 17	18 0	2 52	23 46	0 13	16 42	0 41	3 14	2 47	13 51	0 47	3 49	1 26	26 23	6 7	11 42	12 1	28 0	0 5	4 6
T 11	1 27	24 7	2 58	13 21	1 25	18 23	2 57	23 48	0 14	16 45	0 40	3 12	2 47	13 52	0 47	3 48	1 26	26 23	6 8	11 41	12 2	28 0	0 7	4 6
W12	1 3	19 46	1 49	13 7	1 33	18 46	3 2	23 49	0 15	16 49	0 40	3 11	2 48	13 52	0 47	3 47	1 26	26 23	6 8	11 41	12 3	27 59	0 8	4 6
T 13	0 39	14 21	0 34	12 51	1 41	19 8	3 6	23 51	0 17	16 52	0 40	3 9	2 48	13 53	0 47	3 46	1 26	26 23	6 8	11 40	12 4	27 59	0 9	4 6
F 14	0 16	8 16	0n42	12 34	1 48	19 30	3 11	23 52	0 18	16 55	0 40	3 7	2 48	13 54	0 47	3 45	1 26	26 23	6 8	11 40	12 5	27 58	0 11	4 6
S 15	0n 8	1 53	1 54	12 14	1 54	19 51	3 15	23 53	0 20	16 58	0 40	3 5	2 48	13 54	0 47	3 44	1 26	26 23	6 9	11 41	12 6	27 58	0 12	4 6
S 16	0 32	4n28	2 58	11 54	2 0	20 12	3 19	23 54	0 21	17 2	0 39	3 4	2 48	13 55	0 47	3 43	1 26	26 23	6 9	11 42	12 7	27 58	0 13	4 6
M17	0 55	10 30	3 52	11 32	2 6	20 33	3 24	23 55	0 23	17 5	0 39	3 2	2 48	13 56	0 47	3 43	1 26	26 23	6 9	11 44	12 9	27 57	0 15	4 6
T 18	1 19	15 57	4 33	11 8	2 11	20 53	3 28	23 56	0 24	17 8	0 39	3 0	2 48	13 56	0 47	3 42	1 26	26 23	6 9	11 46	12 10	27 57	0 16	4 6
W19	1 42	20 36	4 59	10 43	2 15	21 13	3 32	23 56	0 26	17 12	0 39	2 58	2 48	13 57	0 47	3 41	1 26	26 23	6 9	11 48	12 11	27 56	0 18	4 6
T 20	2 6	24 15	5 10	10 17	2 19	21 32	3 36	23 57	0 27	17 15	0 39	2 56	2 48	13 57	0 47	3 40	1 26	26 23	6 10	11 50	12 12	27 56	0 19	4 6
F 21	2 29	26 45	5 7	9 49	2 23	21 50	3 40	23 57	0 29	17 18	0 39	2 55	2 48	13 58	0 47	3 39	1 26	26 23	6 10	11 51	12 13	27 55	0 20	4 6
S 22	2 52	28 0	4 51	9 19	2 25	22 9	3 44	23 57	0 31	17 22	0 38	2 53	2 48	13 59	0 47	3 38	1 26	26 23	6 10	11 53	12 14	27 55	0 22	4 6
S 23	3 16	27 56	4 22	8 48	2 28	22 26	3 48	23 57	0 32	17 25	0 38	2 51	2 48	13 59	0 47	3 37	1 26	26 23	6 10	11 53	12 15	27 54	0 23	4 6
M24	3 39	26 35	3 43	8 16	2 30	22 43	3 52	23 57	0 34	17 28	0 38	2 49	2 48	14 0	0 47	3 36	1 26	26 23	6 11	11 53	12 16	27 54	0 24	4 6
T 25	4 2	24 2	2 53	7 43	2 31	23 0	3 56	23 57	0 36	17 32	0 38	2 47	2 48	14 0	0 47	3 36	1 26	26 23	6 11	11 53	12 17	27 53	0 26	4 6
W26	4 25	20 23	1 55	7 8	2 32	23 16	3 59	23 57	0 37	17 35	0 38	2 46	2 48	14 1	0 47	3 35	1 26	26 23	6 11	11 52	12 18	27 53	0 27	4 6
T 27	4 48	15 49	0 51	6 32	2 32	23 32	4 3	23 56	0 39	17 38	0 38	2 44	2 48	14 1	0 47	3 34	1 26	26 24	6 11	11 52	12 20	27 52	0 29	4 6
F 28	5 11	10 29	0s17	5 54	2 32	23 47	4 6	23 55	0 41	17 42	0 37	2 42	2 49	14 2	0 47	3 33	1 26	26 24	6 12	11 52	12 21	27 52	0 30	4 6
S 29	5 34	4 35	1 26	5 16	2 31	24 2	4 9	23 55	0 43	17 45	0 37	2 40	2 49	14 2	0 47	3 32	1 26	26 24	6 12	11 52	12 22	27 51	0 31	4 7
S 30	5 57	1s40	2 32	4 36	2 29	24 16	4 12	23 54	0 45	17 48	0 37	2 38	2 49	14 2	0 47	3 31	1 26	26 24	6 12	11 53	12 23	27 51	0 33	4 7
M31	6n20	8s 1	3s31	3s55	2s28	24n29	4n15	23s53	0s46	17n52	0s37	2s37	2n49	14n 3	0n47	3s31	1s26	26s24	6s12	11s55	12s24	27n50	0n34	4n 7

Julian Day Number = 2100977.5, Delta T = 21m22s
Ecliptic obliquity = 23°33'58, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'40, Lahiri = 10°28'41 Julian Calendar 1 March 1040 == Greg. Calendar 7 March 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

APRIL 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	13 0 31	16♈58'27	26♎ 1	27♓32	1♊ 7	11♑32	22♉34	13°R 1	24°R49	24♓32	29♑38	28°R47	27♒28	1♋32	22♓ 0	T 1
W 2	13 4 28	17°56'52	10♏15	29°14	1°53	12° 7	22°47	12♎56	24♌47	24°34	29°38	28♒39	27°25	1°38	22° 4	W 2
T 3	13 8 24	18°55'16	24°38	0♈58	2°39	12°41	23° 0	12°52	24°46	24°36	29°39	28°31	27°21	1°45	22° 7	T 3
F 4	13 12 21	19°53'38	9♐ 6	2°44	3°23	13°15	23°13	12°47	24°45	24°38	29°40	28°25	27°18	1°52	22°10	F 4
S 5	13 16 17	20°51'58	23°32	4°31	4° 7	13°49	23°25	12°43	24°44	24°41	29°40	28°20	27°15	1°58	22°13	S 5
S 6	13 20 14	21°50'17	7♑52	6°20	4°49	14°23	23°38	12°38	24°43	24°43	29°41	28°17	27°12	2° 5	22°17	S 6
M 7	13 24 10	22°48'34	22° 3	8°11	5°31	14°57	23°51	12°34	24°42	24°45	29°41	28°D16	27° 9	2°12	22°20	M 7
T 8	13 28 7	23°46'49	6♒ 3	10° 3	6°11	15°30	24° 4	12°29	24°41	24°47	29°42	28°16	27° 6	2°18	22°23	T 8
W 9	13 32 4	24°45'03	19°52	11°58	6°51	16° 4	24°17	12°25	24°40	24°49	29°42	28°17	27° 2	2°25	22°26	W 9
T 10	13 36 0	25°43'15	3♓30	13°53	7°29	16°37	24°30	12°20	24°39	24°51	29°42	28°R17	26°59	2°32	22°29	T 10
F 11	13 39 57	26°41'26	16°57	15°51	8° 6	17°11	24°43	12°16	24°38	24°53	29°43	28°16	26°56	2°39	22°32	F 11
S 12	13 43 53	27°39'35	0♈14	17°50	8°41	17°44	24°56	12°12	24°38	24°55	29°43	28°12	26°53	2°45	22°35	S 12
S 13	13 47 50	28°37'43	13°19	19°51	9°16	18°17	25° 9	12° 7	24°37	24°57	29°43	28° 5	26°50	2°52	22°38	S 13
M14	13 51 46	29°35'49	26°12	21°54	9°49	18°49	25°23	12° 3	24°36	24°59	29°44	27°56	26°46	2°59	22°41	M14
T 15	13 55 43	0♉33'53	8♉53	23°58	10°21	19°22	25°36	11°59	24°36	25° 1	29°44	27°45	26°43	3° 5	22°44	T 15
W16	13 59 39	1°31'56	21°21	26° 3	10°51	19°54	25°49	11°55	24°35	25° 3	29°44	27°34	26°40	3°12	22°47	W16
T 17	14 3 36	2°29'57	3♊37	28°10	11°20	20°27	26° 3	11°51	24°34	25° 4	29°45	27°23	26°37	3°19	22°50	T 17
F 18	14 7 33	3°27'56	15°42	0♋18	11°47	20°59	26°16	11°46	24°34	25° 6	29°45	27°13	26°34	3°25	22°53	F 18
S 19	14 11 29	4°25'54	27°39	2°26	12°12	21°31	26°29	11°42	24°34	25° 8	29°45	27° 5	26°31	3°32	22°56	S 19
S 20	14 15 26	5°23'49	9♋30	4°36	12°36	22° 2	26°43	11°38	24°33	25°10	29°45	26°59	26°27	3°39	22°59	S 20
M21	14 19 22	6°21'43	21°19	6°46	12°58	22°34	26°56	11°34	24°33	25°12	29°45	26°56	26°24	3°45	23° 1	M21
T 22	14 23 19	7°19'35	3♌13	8°57	13°18	23° 5	27°10	11°31	24°33	25°14	29°45	26°D55	26°21	3°52	23° 4	T 22
W23	14 27 15	8°17'25	15°15	11° 8	13°37	23°36	27°23	11°27	24°33	25°16	29°45	26°55	26°18	3°59	23° 7	W23
T 24	14 31 12	9°15'13	27°31	13°19	13°53	24° 7	27°37	11°23	24°32	25°17	29°45	26°R55	26°15	4° 6	23°10	T 24
F 25	14 35 8	10°13'00	10♍ 6	15°29	14° 7	24°38	27°50	11°19	24°32	25°19	29°R45	26°54	26°12	4°12	23°12	F 25
S 26	14 39 5	11°10'45	23° 4	17°38	14°20	25° 9	28° 4	11°16	24°D32	25°21	29°45	26°52	26° 8	4°19	23°15	S 26
S 27	14 43 2	12° 8'28	6♎29	19°47	14°30	25°39	28°18	11°12	24°32	25°22	29°45	26°47	26° 5	4°26	23°18	S 27
M28	14 46 58	13° 6'09	20°20	21°54	14°38	26° 9	28°31	11° 8	24°32	25°24	29°45	26°40	26° 2	4°32	23°20	M28
T 29	14 50 55	14° 3'49	4♏37	24° 0	14°44	26°39	28°45	11° 5	24°32	25°26	29°45	26°30	25°59	4°39	23°23	T 29
W30	14 54 51	15♉ 1'28	19♏13	26♉ 4	14♊47	27♑ 9	28♉59	11♎ 2	24♌33	25♓27	29♑45	26♒19	25♒56	4♋46	23♓25	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n42	14s 6	4s18	3s12	2s25	24n42	4n18	23s52	0s48	17n55	0s37	2s35	2n48	14n 3	0n47	3s30	1s26	26s24	6s12	11s58	12s25	27n49	0n35	4n 7
W 2	7 5	19 34	4 51	2 29	2 22	24 54	4 21	23 51	0 50	17 58	0 37	2 33	2 48	14 4	0 47	3 29	1 26	26 24	6 13	12 0	12 26	27 49	0 37	4 7
T 3	7 27	23 58	5 6	1 44	2 19	25 6	4 24	23 49	0 52	18 2	0 37	2 31	2 48	14 4	0 47	3 28	1 26	26 24	6 13	12 3	12 27	27 48	0 38	4 7
F 4	7 49	26 53	5 1	0 58	2 15	25 18	4 26	23 48	0 54	18 5	0 36	2 30	2 48	14 4	0 47	3 27	1 26	26 24	6 13	12 5	12 28	27 48	0 39	4 7
S 5	8 11	28 2	4 38	0 11	2 10	25 28	4 28	23 46	0 56	18 9	0 36	2 28	2 48	14 5	0 47	3 26	1 26	26 24	6 13	12 7	12 29	27 47	0 41	4 7
S 6	8 33	27 16	3 57	0n37	2 6	25 39	4 31	23 45	0 58	18 12	0 36	2 26	2 48	14 5	0 47	3 26	1 26	26 24	6 14	12 8	12 31	27 46	0 42	4 7
M 7	8 55	24 44	3 2	1 25	2 0	25 48	4 33	23 43	1 0	18 15	0 36	2 24	2 48	14 5	0 47	3 25	1 26	26 25	6 14	12 8	12 32	27 46	0 43	4 7
T 8	9 17	20 44	1 56	2 15	1 54	25 57	4 34	23 41	1 2	18 19	0 36	2 23	2 48	14 6	0 47	3 24	1 26	26 25	6 14	12 8	12 33	27 45	0 44	4 7
W 9	9 38	15 39	0 45	3 6	1 47	26 6	4 36	23 39	1 4	18 22	0 36	2 21	2 48	14 6	0 47	3 23	1 26	26 25	6 14	12 8	12 34	27 45	0 46	4 7
T 10	10 0	9 51	0n28	3 58	1 40	26 14	4 37	23 37	1 6	18 25	0 36	2 19	2 48	14 6	0 47	3 22	1 26	26 25	6 15	12 8	12 35	27 44	0 47	4 7
F 11	10 21	3 40	1 38	4 50	1 33	26 21	4 39	23 35	1 8	18 29	0 35	2 18	2 48	14 6	0 46	3 22	1 26	26 25	6 15	12 8	12 36	27 43	0 48	4 7
S 12	10 42	2n34	2 42	5 43	1 25	26 28	4 40	23 33	1 11	18 32	0 35	2 16	2 48	14 7	0 46	3 21	1 26	26 25	6 15	12 10	12 37	27 43	0 50	4 7
S 13	11 3	8 36	3 36	6 37	1 17	26 34	4 40	23 31	1 13	18 35	0 35	2 15	2 48	14 7	0 46	3 20	1 26	26 25	6 15	12 12	12 38	27 42	0 51	4 7
M14	11 23	14 10	4 18	7 31	1 8	26 40	4 41	23 28	1 15	18 38	0 35	2 13	2 48	14 7	0 46	3 19	1 26	26 26	6 16	12 15	12 39	27 41	0 52	4 7
T 15	11 44	19 3	4 47	8 26	0 59	26 45	4 41	23 26	1 17	18 42	0 35	2 11	2 48	14 7	0 46	3 19	1 26	26 26	6 16	12 19	12 40	27 41	0 53	4 8
W16	12 4	23 2	5 1	9 21	0 49	26 50	4 41	23 23	1 20	18 45	0 35	2 10	2 48	14 7	0 46	3 18	1 26	26 26	6 16	12 23	12 41	27 40	0 55	4 8
T 17	12 24	25 54	5 1	10 16	0 39	26 54	4 41	23 21	1 22	18 48	0 35	2 8	2 48	14 8	0 46	3 17	1 26	26 26	6 16	12 27	12 43	27 39	0 56	4 8
F 18	12 44	27 33	4 47	11 11	0 29	26 57	4 40	23 18	1 24	18 52	0 35	2 7	2 47	14 8	0 46	3 16	1 26	26 26	6 17	12 30	12 44	27 38	0 57	4 8
S 19	13 4	27 54	4 21	12 5	0 19	27 0	4 40	23 16	1 27	18 55	0 34	2 5	2 47	14 8	0 46	3 16	1 26	26 27	6 17	12 33	12 45	27 38	0 58	4 8
S 20	13 23	26 57	3 44	12 59	0 9	27 2	4 39	23 13	1 29	18 58	0 34	2 4	2 47	14 8	0 46	3 15	1 26	26 27	6 17	12 35	12 46	27 37	1 0	4 8
M21	13 43	24 47	2 57	13 53	0n 2	27 3	4 37	23 10	1 31	19 1	0 34	2 2	2 47	14 8	0 46	3 14	1 26	26 27	6 17	12 36	12 47	27 36	1 1	4 8
T 22	14 2	21 32	2 2	14 45	0 13	27 4	4 35	23 7	1 34	19 5	0 34	2 1	2 47	14 8	0 46	3 14	1 27	26 27	6 18	12 36	12 48	27 36	1 2	4 8
W23	14 21	17 20	1 2	15 37	0 23	27 4	4 33	23 4	1 36	19 8	0 34	2 0	2 47	14 8	0 46	3 13	1 27	26 27	6 18	12 36	12 49	27 35	1 3	4 8
T 24	14 39	12 21	0s 3	16 27	0 34	27 4	4 31	23 1	1 39	19 11	0 34	1 58	2 47	14 8	0 46	3 12	1 27	26 28	6 18	12 36	12 50	27 34	1 4	4 8
F 25	14 58	6 45	1 9	17 16	0 44	27 3	4 28	22 58	1 42	19 14	0 34	1 57	2 47	14 8	0 46	3 12	1 27	26 28	6 18	12 37	12 51	27 33	1 5	4 9
S 26	15 16	0 43	2 14	18 3	0 54	27 1	4 25	22 55	1 44	19 17	0 34	1 56	2 46	14 8	0 46	3 11	1 27	26 28	6 19	12 37	12 52	27 33	1 7	4 9
S 27	15 34	5s32	3 13	18 48	1 3	26 59	4 21	22 52	1 47	19 21	0 33	1 54	2 46	14 8	0 46	3 10	1 27	26 28	6 19	12 39	12 53	27 32	1 8	4 9
M28	15 51	11 44	4 3	19 30	1 13	26 56	4 17	22 49	1 49	19 24	0 33	1 53	2 46	14 8	0 46	3 10	1 27	26 29	6 19	12 42	12 54	27 31	1 9	4 9
T 29	16 9	17 30	4 39	20 11	1 21	26 52	4 13	22 46	1 52	19 27	0 33	1 52	2 46	14 8	0 46	3 9	1 27	26 29	6 19	12 45	12 56	27 30	1 10	4 9
W30	16n26	22s24	4s58	20n49	1n30	26n48	4n 8	22s43	1s55	19n30	0s33	1s51	2n46	14n 8	0n46	3s 9	1s27	26s29	6s20	12s49	12s57	27n29	1n11	4n 9

Julian Day Number = 2101008.5, Delta T = 21m21s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'45, Lahiri = 10°28'45 Julian Calendar 1 Apr. 1040 == Greg. Calendar 7 Apr. 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

MAY 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 58 48	15♉59'06	4♐ 2	28♉ 6	14°R48	27♊38	29♉12	10°R58	24♌33	25♓29	29°R45	26°R 8	25♒52	4♋52	23♓27	T 1
F 2	15 2 44	16°56'42	18°56	0♊ 6	14♊47	28° 7	29°26	10♎55	24°33	25°31	29♊45	25♒59	25°49	4°59	23°30	F 2
S 3	15 6 41	17°54'17	3♊44	2° 3	14°44	28°36	29°40	10°52	24°33	25°32	29°44	25°51	25°46	5° 6	23°32	S 3
S 4	15 10 37	18°51'52	18°21	3°58	14°38	29° 5	29°54	10°49	24°34	25°34	29°44	25°46	25°43	5°12	23°35	S 4
M 5	15 14 34	19°49'25	2♒42	5°51	14°29	29°34	0♊ 7	10°46	24°34	25°35	29°44	25°44	25°40	5°19	23°37	M 5
T 6	15 18 31	20°46'57	16°44	7°41	14°19	0♒ 2	0°21	10°43	24°35	25°37	29°44	25°43	25°37	5°26	23°39	T 6
W 7	15 22 27	21°44'29	0♓28	9°28	14° 5	0°30	0°35	10°40	24°35	25°38	29°43	25°43	25°33	5°33	23°41	W 7
T 8	15 26 24	22°41'59	13°55	11°12	13°50	0°57	0°49	10°37	24°36	25°40	29°43	25°43	25°30	5°39	23°44	T 8
F 9	15 30 20	23°39'29	27° 6	12°54	13°32	1°24	1° 3	10°34	24°37	25°41	29°43	25°40	25°27	5°46	23°46	F 9
S 10	15 34 17	24°36'57	10♈ 4	14°32	13°12	1°51	1°17	10°31	24°37	25°42	29°42	25°35	25°24	5°53	23°48	S 10
S 11	15 38 13	25°34'25	22°50	16° 8	12°49	2°18	1°30	10°29	24°38	25°44	29°42	25°27	25°21	5°59	23°50	S 11
M12	15 42 10	26°31'53	5♉24	17°41	12°25	2°44	1°44	10°26	24°39	25°45	29°41	25°16	25°18	6° 6	23°52	M12
T 13	15 46 6	27°29'19	17°49	19°11	11°58	3°10	1°58	10°24	24°40	25°46	29°41	25° 4	25°14	6°13	23°54	T 13
W14	15 50 3	28°26'44	0♊ 4	20°37	11°30	3°36	2°12	10°22	24°41	25°48	29°40	24°50	25°11	6°19	23°56	W14
T 15	15 54 0	29°24'09	12°11	22° 1	11° 0	4° 1	2°26	10°19	24°42	25°49	29°40	24°37	25° 8	6°26	23°58	T 15
F 16	15 57 56	0♊21'32	24° 9	23°22	10°28	4°26	2°40	10°17	24°43	25°50	29°39	24°25	25° 5	6°33	23°59	F 16
S 17	16 1 53	1°18'55	6♋ 2	24°39	9°54	4°51	2°54	10°15	24°44	25°51	29°39	24°15	25° 2	6°39	24° 1	S 17
S 18	16 5 49	2°16'16	17°50	25°53	9°20	5°15	3° 8	10°13	24°45	25°52	29°38	24° 8	24°58	6°46	24° 3	S 18
M19	16 9 46	3°13'37	29°39	27° 4	8°44	5°39	3°21	10°11	24°46	25°54	29°38	24° 3	24°55	6°53	24° 5	M19
T 20	16 13 42	4°10'56	11♌31	28°12	8° 8	6° 2	3°35	10°10	24°47	25°55	29°37	24° 1	24°52	7° 0	24° 6	T 20
W21	16 17 39	5° 8'15	23°32	29°17	7°30	6°25	3°49	10° 8	24°49	25°56	29°36	24°D 1	24°49	7° 6	24° 8	W21
T 22	16 21 35	6° 5'32	5♍45	0♋17	6°53	6°48	4° 3	10° 6	24°50	25°57	29°36	24°R 1	24°46	7°13	24° 9	T 22
F 23	16 25 32	7° 2'48	18°18	1°15	6°15	7°10	4°17	10° 5	24°51	25°58	29°35	24° 0	24°43	7°20	24°11	F 23
S 24	16 29 29	8° 0'04	1♎15	2° 9	5°38	7°32	4°31	10° 3	24°53	25°59	29°34	23°58	24°39	7°26	24°12	S 24
S 25	16 33 25	8°57'18	14°38	2°59	5° 0	7°53	4°45	10° 2	24°54	26° 0	29°34	23°54	24°36	7°33	24°14	S 25
M26	16 37 22	9°54'32	28°32	3°46	4°24	8°14	4°59	10° 1	24°56	26° 1	29°33	23°48	24°33	7°40	24°15	M26
T 27	16 41 18	10°51'45	12♏54	4°28	3°48	8°35	5°12	10° 0	24°57	26° 2	29°32	23°39	24°30	7°46	24°17	T 27
W28	16 45 15	11°48'57	27°40	5° 7	3°13	8°54	5°26	9°59	24°59	26° 3	29°31	23°29	24°27	7°53	24°18	W28
T 29	16 49 11	12°46'09	12♐44	5°41	2°39	9°14	5°40	9°58	25° 1	26° 3	29°30	23°19	24°24	8° 0	24°19	T 29
F 30	16 53 8	13°43'21	27°55	6°12	2° 7	9°33	5°54	9°57	25° 2	26° 4	29°30	23°10	24°20	8° 6	24°20	F 30
S 31	16 57 5	14♊40'32	13♑ 3	6♋38	1♊37	9♒51	6♊ 8	9♎56	25♌ 4	26♓ 5	29♑29	23♒ 3	24♒17	8♋13	24♓21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n43	25s56	4s58	21n25	1n37	26n42	4n 2	22s40	1s58	19n33	0s33	1s50	2n46	14n 8	0n46	3s 8	1s27	26s30	6s20	12s52	12s58	27n29	1n12	4n 9
F 2	16 59	27 42	4 37	21 59	1 44	26 36	3 56	22 37	2 1	19 36	0 33	1 48	2 45	14 7	0 46	3 7	1 27	26 30	6 20	12 56	12 59	27 28	1 13	4 9
S 3	17 15	27 29	3 58	22 29	1 51	26 30	3 50	22 34	2 3	19 39	0 33	1 47	2 45	14 7	0 46	3 7	1 27	26 30	6 20	12 58	13 0	27 27	1 14	4 9
S 4	17 31	25 20	3 4	22 58	1 56	26 22	3 43	22 30	2 6	19 42	0 33	1 46	2 45	14 7	0 46	3 6	1 27	26 30	6 21	13 0	13 1	27 26	1 15	4 10
M 5	17 47	21 35	1 58	23 23	2 1	26 14	3 36	22 27	2 9	19 45	0 33	1 45	2 45	14 7	0 46	3 6	1 27	26 31	6 21	13 1	13 2	27 25	1 16	4 10
T 6	18 3	16 39	0 47	23 46	2 5	26 5	3 28	22 24	2 12	19 48	0 32	1 44	2 45	14 7	0 46	3 5	1 27	26 31	6 21	13 1	13 3	27 24	1 17	4 10
W 7	18 18	10 58	0n25	24 7	2 9	25 55	3 20	22 21	2 15	19 51	0 32	1 43	2 45	14 7	0 45	3 5	1 27	26 31	6 21	13 1	13 4	27 24	1 18	4 10
T 8	18 33	4 54	1 35	24 25	2 12	25 44	3 11	22 18	2 18	19 54	0 32	1 42	2 44	14 6	0 45	3 4	1 27	26 32	6 22	13 1	13 5	27 23	1 19	4 10
F 9	18 47	1n15	2 38	24 40	2 13	25 33	3 1	22 15	2 21	19 57	0 32	1 41	2 44	14 6	0 45	3 3	1 27	26 32	6 22	13 2	13 6	27 22	1 20	4 10
S 10	19 1	7 14	3 31	24 54	2 15	25 20	2 51	22 12	2 24	20 0	0 32	1 41	2 44	14 6	0 45	3 3	1 27	26 32	6 22	13 4	13 7	27 21	1 21	4 10
S 11	19 15	12 50	4 13	25 4	2 15	25 7	2 41	22 9	2 28	20 3	0 32	1 40	2 44	14 5	0 45	3 2	1 27	26 33	6 22	13 6	13 8	27 20	1 22	4 11
M12	19 29	17 49	4 42	25 13	2 14	24 53	2 30	22 6	2 31	20 6	0 32	1 39	2 43	14 5	0 45	3 2	1 27	26 33	6 22	13 10	13 10	27 19	1 23	4 11
T 13	19 42	21 59	4 57	25 20	2 13	24 38	2 19	22 3	2 34	20 9	0 32	1 38	2 43	14 5	0 45	3 2	1 27	26 33	6 23	13 14	13 11	27 18	1 24	4 11
W14	19 55	25 8	4 58	25 25	2 11	24 22	2 7	22 0	2 37	20 12	0 32	1 37	2 43	14 4	0 45	3 1	1 28	26 33	6 23	13 19	13 12	27 17	1 25	4 11
T 15	20 8	27 6	4 46	25 27	2 8	24 6	1 55	21 57	2 41	20 15	0 32	1 37	2 43	14 4	0 45	3 1	1 28	26 34	6 23	13 23	13 13	27 16	1 26	4 11
F 16	20 20	27 47	4 21	25 28	2 5	23 49	1 42	21 54	2 44	20 17	0 31	1 36	2 43	14 4	0 45	3 0	1 28	26 34	6 23	13 27	13 14	27 15	1 27	4 11
S 17	20 32	27 10	3 45	25 27	2 0	23 31	1 29	21 52	2 47	20 20	0 31	1 36	2 42	14 3	0 45	3 0	1 28	26 35	6 24	13 31	13 15	27 15	1 28	4 11
S 18	20 44	25 19	2 59	25 25	1 55	23 13	1 16	21 49	2 51	20 23	0 31	1 35	2 42	14 3	0 45	2 59	1 28	26 35	6 24	13 33	13 16	27 14	1 28	4 12
M19	20 55	22 22	2 5	25 21	1 49	22 54	1 2	21 46	2 54	20 26	0 31	1 34	2 42	14 2	0 45	2 59	1 28	26 35	6 24	13 34	13 17	27 13	1 29	4 12
T 20	21 6	18 28	1 6	25 16	1 42	22 34	0 48	21 44	2 58	20 28	0 31	1 34	2 42	14 2	0 45	2 59	1 28	26 36	6 24	13 35	13 18	27 12	1 30	4 12
W21	21 16	13 47	0 3	25 9	1 35	22 15	0 34	21 41	3 1	20 31	0 31	1 34	2 41	14 2	0 45	2 58	1 28	26 36	6 25	13 35	13 19	27 11	1 31	4 12
T 22	21 26	8 29	1s 2	25 1	1 27	21 54	0 20	21 39	3 5	20 34	0 31	1 33	2 41	14 1	0 45	2 58	1 28	26 36	6 25	13 35	13 20	27 10	1 32	4 12
F 23	21 36	2 44	2 5	24 51	1 18	21 34	0 6	21 37	3 9	20 36	0 31	1 33	2 41	14 1	0 45	2 57	1 28	26 37	6 25	13 35	13 21	27 9	1 32	4 12
S 24	21 45	3s18	3 4	24 41	1 8	21 14	0s 8	21 35	3 12	20 39	0 31	1 32	2 41	14 0	0 45	2 57	1 28	26 37	6 25	13 36	13 22	27 8	1 33	4 13
S 25	21 55	9 24	3 55	24 30	0 58	20 53	0 22	21 33	3 16	20 42	0 31	1 32	2 41	14 0	0 45	2 57	1 28	26 37	6 25	13 37	13 23	27 7	1 34	4 13
M26	22 3	15 16	4 33	24 18	0 47	20 33	0 36	21 31	3 20	20 44	0 31	1 32	2 40	13 59	0 45	2 56	1 28	26 38	6 26	13 40	13 24	27 6	1 34	4 13
T 27	22 11	20 30	4 57	24 5	0 35	20 13	0 50	21 29	3 23	20 47	0 30	1 32	2 40	13 58	0 45	2 56	1 28	26 38	6 26	13 42	13 26	27 5	1 35	4 13
W28	22 19	24 38	5 1	23 51	0 23	19 53	1 3	21 27	3 27	20 49	0 30	1 31	2 40	13 58	0 45	2 56	1 28	26 39	6 26	13 46	13 27	27 4	1 36	4 13
T 29	22 27	27 9	4 45	23 37	0 10	19 33	1 16	21 26	3 31	20 52	0 30	1 31	2 40	13 57	0 45	2 56	1 28	26 39	6 26	13 49	13 28	27 3	1 36	4 13
F 30	22 34	27 42	4 9	23 22	0s 4	19 14	1 29	21 24	3 35	20 54	0 30	1 31	2 39	13 57	0 45	2 55	1 28	26 39	6 26	13 52	13 29	27 2	1 37	4 14
S 31	22n41	26s10	3s15	23n 6	0s18	18n56	1s42	21s23	3s39	20n57	0s30	1s31	2n39	13n56	0n45	2s55	1s28	26s40	6s27	13s54	13s30	27n 1	1n38	4n14

Julian Day Number = 2101038.5, Delta T = 21m21s
Ecliptic obliquity = 23°33'57, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'49, Lahiri = 10°28'49 Julian Calendar 1 May 1040 == Greg. Calendar 7 May 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

JUNE 1040 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 1 1	15♊37'43	27♉58	6♋59	1°R 8	10♒ 9	6♊21	9°R56	25♌ 6	26♓ 6	29°R28	22°R59	24♒14	8♋20	24♓22	S 1
M 2	17 4 58	16°34'53	12♒34	7°16	0♊41	10°27	6°35	9♎55	25° 8	26° 6	29♉27	22♒56	24°11	8°26	24°24	M 2
T 3	17 8 54	17°32'04	26°47	7°29	0°17	10°44	6°49	9°55	25°10	26° 7	29°26	22°D56	24° 8	8°33	24°24	T 3
W 4	17 12 51	18°29'14	10♓36	7°37	29♉54	11° 0	7° 3	9°54	25°12	26° 8	29°25	22°57	24° 4	8°40	24°25	W 4
T 5	17 16 47	19°26'25	24° 2	7°R41	29°34	11°16	7°16	9°54	25°14	26° 8	29°24	22°R57	24° 1	8°47	24°26	T 5
F 6	17 20 44	20°23'35	7♈ 8	7°40	29°16	11°31	7°30	9°54	25°16	26° 9	29°23	22°55	23°58	8°53	24°27	F 6
S 7	17 24 40	21°20'45	19°56	7°34	29° 0	11°45	7°44	9°D54	25°18	26° 9	29°22	22°52	23°55	9° 0	24°28	S 7
S 8	17 28 37	22°17'56	2♉29	7°24	28°47	11°59	7°57	9°54	25°20	26°10	29°21	22°46	23°52	9° 7	24°29	S 8
M 9	17 32 34	23°15'07	14°51	7°10	28°36	12°12	8°11	9°54	25°22	26°10	29°20	22°38	23°49	9°13	24°29	M 9
T 10	17 36 30	24°12'18	27° 2	6°52	28°27	12°25	8°24	9°54	25°24	26°11	29°19	22°28	23°45	9°20	24°30	T 10
W11	17 40 27	25° 9'28	9♊ 6	6°29	28°21	12°37	8°38	9°55	25°27	26°11	29°18	22°18	23°42	9°27	24°31	W11
T 12	17 44 23	26° 6'39	21° 4	6° 3	28°18	12°48	8°52	9°55	25°29	26°12	29°17	22° 7	23°39	9°33	24°31	T 12
F 13	17 48 20	27° 3'50	2♋56	5°34	28°D16	12°59	9° 5	9°56	25°31	26°12	29°16	21°58	23°36	9°40	24°31	F 13
S 14	17 52 16	28° 1'01	14°46	5° 2	28°17	13° 9	9°19	9°56	25°34	26°12	29°15	21°50	23°33	9°47	24°32	S 14
S 15	17 56 13	28°58'12	26°34	4°28	28°20	13°18	9°32	9°57	25°36	26°13	29°13	21°44	23°30	9°53	24°32	S 15
M16	18 0 9	29°55'23	8♌23	3°52	28°26	13°27	9°45	9°58	25°38	26°13	29°12	21°41	23°26	10° 0	24°33	M16
T 17	18 4 6	0♋52'34	20°17	3°14	28°33	13°34	9°59	9°59	25°41	26°13	29°11	21°D40	23°23	10° 7	24°33	T 17
W18	18 8 3	1°49'44	2♍20	2°37	28°43	13°42	10°12	10° 0	25°43	26°13	29°10	21°41	23°20	10°13	24°33	W18
T 19	18 11 59	2°46'55	14°34	1°59	28°55	13°48	10°25	10° 1	25°46	26°14	29° 9	21°42	23°17	10°20	24°33	T 19
F 20	18 15 56	3°44'05	27° 6	1°22	29° 9	13°54	10°39	10° 2	25°49	26°14	29° 8	21°43	23°14	10°27	24°33	F 20
S 21	18 19 52	4°41'16	10♎ 0	0°46	29°25	13°58	10°52	10° 3	25°51	26°14	29° 6	21°R43	23°10	10°33	24°R33	S 21
S 22	18 23 49	5°38'26	23°19	0°12	29°42	14° 3	11° 5	10° 5	25°54	26°14	29° 5	21°42	23° 7	10°40	24°33	S 22
M23	18 27 45	6°35'37	7♏ 6	29♊41	0♊ 2	14° 6	11°18	10° 6	25°57	26°R14	29° 4	21°38	23° 4	10°47	24°33	M23
T 24	18 31 42	7°32'48	21°23	29°13	0°23	14° 9	11°31	10° 8	25°59	26°14	29° 3	21°33	23° 1	10°54	24°33	T 24
W25	18 35 38	8°29'58	6♐ 5	28°49	0°46	14°10	11°44	10°10	26° 2	26°14	29° 1	21°28	22°58	11° 0	24°33	W25
T 26	18 39 35	9°27'10	21° 7	28°29	1°11	14°12	11°57	10°12	26° 5	26°14	29° 0	21°21	22°55	11° 7	24°33	T 26
F 27	18 43 32	10°24'21	6♉22	28°14	1°37	14°R12	12°10	10°13	26° 8	26°14	28°59	21°16	22°51	11°14	24°33	F 27
S 28	18 47 28	11°21'33	21°37	28° 3	2° 5	14°12	12°23	10°15	26°11	26°14	28°57	21°12	22°48	11°20	24°32	S 28
S 29	18 51 25	12°18'46	6♒44	27°D58	2°34	14°10	12°36	10°18	26°14	26°13	28°56	21° 9	22°45	11°27	24°32	S 29
M30	18 55 21	13♋15'59	21♒32	27♊58	3♊ 5	14♒ 8	12♊49	10♎20	26♌17	26♓13	28♉55	21°D 8	22♒42	11♋34	24♓32	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n47	22s47	2s 9	22n51	0s32	18n38	1s54	21s22	3s43	20n59	0s30	1s31	2n39	13n55	0n45	2s55	1s28	26s40	6s27	13s56	13s31	27n 0	1n38	4n14
M 2	22 53	18 0	0 55	22 35	0 47	18 21	2 6	21 21	3 47	21 2	0 30	1 31	2 39	13 55	0 45	2 54	1 29	26 40	6 27	13 57	13 32	26 59	1 39	4 14
T 3	22 59	12 20	0n21	22 19	1 3	18 4	2 18	21 20	3 51	21 4	0 30	1 31	2 38	13 54	0 44	2 54	1 29	26 41	6 27	13 57	13 33	26 58	1 39	4 14
W 4	23 4	6 12	1 33	22 3	1 18	17 49	2 28	21 20	3 55	21 7	0 30	1 31	2 38	13 53	0 44	2 54	1 29	26 41	6 27	13 56	13 34	26 57	1 40	4 15
T 5	23 9	0n 2	2 38	21 46	1 34	17 35	2 39	21 19	3 59	21 9	0 30	1 31	2 38	13 53	0 44	2 54	1 29	26 42	6 28	13 56	13 35	26 55	1 40	4 15
F 6	23 13	6 6	3 33	21 30	1 50	17 21	2 49	21 19	4 3	21 11	0 30	1 32	2 38	13 52	0 44	2 54	1 29	26 42	6 28	13 57	13 36	26 54	1 41	4 15
S 7	23 17	11 46	4 16	21 15	2 6	17 8	2 58	21 19	4 8	21 14	0 30	1 32	2 37	13 51	0 44	2 54	1 29	26 42	6 28	13 58	13 37	26 53	1 41	4 15
S 8	23 20	16 52	4 46	20 59	2 22	16 57	3 7	21 19	4 12	21 16	0 30	1 32	2 37	13 50	0 44	2 53	1 29	26 43	6 28	14 0	13 38	26 52	1 42	4 15
M 9	23 24	21 10	5 1	20 44	2 38	16 46	3 16	21 19	4 16	21 18	0 29	1 32	2 37	13 50	0 44	2 53	1 29	26 43	6 28	14 3	13 39	26 51	1 42	4 15
T 10	23 26	24 31	5 3	20 30	2 54	16 36	3 24	21 19	4 20	21 20	0 29	1 33	2 36	13 49	0 44	2 53	1 29	26 44	6 29	14 6	13 40	26 50	1 43	4 16
W11	23 29	26 44	4 51	20 16	3 9	16 28	3 31	21 20	4 24	21 23	0 29	1 33	2 36	13 48	0 44	2 53	1 29	26 44	6 29	14 9	13 41	26 49	1 43	4 16
T 12	23 30	27 42	4 27	20 2	3 23	16 20	3 38	21 21	4 29	21 25	0 29	1 34	2 36	13 47	0 44	2 53	1 29	26 45	6 29	14 13	13 42	26 48	1 43	4 16
F 13	23 32	27 23	3 51	19 50	3 37	16 13	3 45	21 22	4 33	21 27	0 29	1 34	2 36	13 46	0 44	2 53	1 29	26 45	6 29	14 16	13 43	26 47	1 44	4 16
S 14	23 33	25 48	3 5	19 38	3 50	16 8	3 51	21 23	4 37	21 29	0 29	1 35	2 35	13 46	0 44	2 53	1 29	26 45	6 29	14 18	13 45	26 45	1 44	4 16
S 15	23 34	23 5	2 11	19 28	4 2	16 3	3 57	21 24	4 42	21 31	0 29	1 35	2 35	13 45	0 44	2 53	1 29	26 46	6 29	14 20	13 46	26 44	1 44	4 17
M16	23 34	19 24	1 11	19 18	4 12	15 59	4 2	21 26	4 46	21 33	0 29	1 36	2 35	13 44	0 44	2 53	1 29	26 46	6 30	14 21	13 47	26 43	1 45	4 17
T 17	23 34	14 55	0 7	19 10	4 22	15 56	4 7	21 28	4 50	21 35	0 29	1 36	2 35	13 43	0 44	2 53	1 29	26 47	6 30	14 21	13 48	26 42	1 45	4 17
W18	23 33	9 49	0s57	19 3	4 30	15 54	4 11	21 30	4 55	21 37	0 29	1 37	2 34	13 42	0 44	2 53	1 29	26 47	6 30	14 21	13 49	26 41	1 45	4 17
T 19	23 32	4 15	2 0	18 57	4 36	15 52	4 15	21 32	4 59	21 39	0 29	1 38	2 34	13 41	0 44	2 53	1 29	26 47	6 30	14 21	13 50	26 40	1 46	4 17
F 20	23 31	1s35	2 59	18 53	4 41	15 52	4 18	21 35	5 4	21 41	0 29	1 38	2 34	13 40	0 44	2 53	1 30	26 48	6 30	14 20	13 51	26 38	1 46	4 17
S 21	23 29	7 31	3 51	18 50	4 44	15 52	4 22	21 38	5 8	21 43	0 29	1 39	2 34	13 39	0 44	2 53	1 30	26 48	6 30	14 20	13 52	26 37	1 46	4 18
S 22	23 27	13 19	4 32	18 48	4 46	15 53	4 24	21 40	5 12	21 45	0 29	1 40	2 33	13 38	0 44	2 53	1 30	26 49	6 31	14 21	13 53	26 36	1 46	4 18
M23	23 24	18 40	4 59	18 48	4 46	15 55	4 27	21 44	5 17	21 47	0 28	1 41	2 33	13 37	0 44	2 53	1 30	26 49	6 31	14 22	13 54	26 35	1 46	4 18
T 24	23 21	23 10	5 9	18 50	4 44	15 57	4 29	21 47	5 21	21 49	0 28	1 42	2 33	13 36	0 44	2 53	1 30	26 49	6 31	14 24	13 55	26 34	1 46	4 18
W25	23 17	26 21	4 59	18 53	4 41	16 0	4 31	21 50	5 25	21 51	0 28	1 42	2 33	13 36	0 44	2 53	1 30	26 50	6 31	14 25	13 56	26 32	1 46	4 18
T 26	23 14	27 44	4 29	18 57	4 36	16 4	4 32	21 54	5 29	21 53	0 28	1 43	2 32	13 35	0 44	2 53	1 30	26 50	6 31	14 27	13 57	26 31	1 47	4 19
F 27	23 9	27 3	3 39	19 3	4 30	16 8	4 33	21 58	5 34	21 54	0 28	1 44	2 32	13 34	0 44	2 53	1 30	26 51	6 31	14 29	13 58	26 30	1 47	4 19
S 28	23 5	24 21	2 33	19 10	4 23	16 12	4 34	22 2	5 38	21 56	0 28	1 45	2 32	13 32	0 44	2 53	1 30	26 51	6 31	14 31	13 59	26 29	1 47	4 19
S 29	23 0	19 56	1 18	19 18	4 15	16 17	4 35	22 6	5 42	21 58	0 28	1 46	2 32	13 31	0 44	2 53	1 30	26 51	6 32	14 31	14 0	26 27	1 47	4 19
M30	22n54	14s22	0n 2	19n28	4s 5	16n23	4s35	22s11	5s46	21n59	0s28	1s48	2n31	13n30	0n44	2s53	1s30	26s52	6s32	14s32	14s 1	26n26	1n47	4n19

Julian Day Number = 2101069.5, Delta T = 21m21s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'53, Lahiri = 10°28'53 Julian Calendar 1 June 1040 == Greg. Calendar 7 June 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

JULY 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 59 18	14♋13'13	5♓58	28♊ 4	3♊37	14°R 6	13♊ 2	10♎22	26♌20	26°R13	28°R54	21♒ 9	22♒39	11♋40	24°R31	T 1
W 2	19 3 14	15°10'27	19°57	28°15	4°11	14♒ 2	13°15	10°24	26°23	26♓13	28♑52	21°10	22°36	11°47	24♓31	W 2
T 3	19 7 11	16° 7'43	3♈29	28°32	4°45	13°58	13°27	10°27	26°26	26°12	28°51	21°12	22°32	11°54	24°30	T 3
F 4	19 11 8	17° 5'00	16°37	28°56	5°22	13°53	13°40	10°29	26°29	26°12	28°50	21°R12	22°29	12° 0	24°29	F 4
S 5	19 15 4	18° 2'17	29°24	29°25	5°59	13°47	13°52	10°32	26°32	26°12	28°48	21°12	22°26	12° 7	24°29	S 5
S 6	19 19 1	18°59'36	11♉53	29°59	6°37	13°40	14° 5	10°35	26°35	26°11	28°47	21°10	22°23	12°14	24°28	S 6
M 7	19 22 57	19°56'55	24° 8	0♋40	7°17	13°33	14°17	10°38	26°38	26°11	28°46	21° 6	22°20	12°20	24°27	M 7
T 8	19 26 54	20°54'16	6♊12	1°27	7°58	13°25	14°30	10°40	26°42	26°11	28°44	21° 2	22°16	12°27	24°26	T 8
W 9	19 30 50	21°51'38	18° 8	2°19	8°39	13°16	14°42	10°43	26°45	26°10	28°43	20°57	22°13	12°34	24°25	W 9
T 10	19 34 47	22°49'00	0♋ 0	3°17	9°22	13° 7	14°54	10°47	26°48	26°10	28°41	20°52	22°10	12°40	24°25	T 10
F 11	19 38 43	23°46'24	11°49	4°21	10° 5	12°57	15° 7	10°50	26°51	26° 9	28°40	20°47	22° 7	12°47	24°24	F 11
S 12	19 42 40	24°43'49	23°39	5°30	10°50	12°46	15°19	10°53	26°55	26° 8	28°39	20°44	22° 4	12°54	24°23	S 12
S 13	19 46 37	25°41'14	5♌29	6°44	11°35	12°35	15°31	10°56	26°58	26° 8	28°37	20°42	22° 1	13° 0	24°22	S 13
M14	19 50 33	26°38'41	17°24	8° 4	12°21	12°23	15°43	11° 0	27° 1	26° 7	28°36	20°D41	21°57	13° 7	24°20	M14
T 15	19 54 30	27°36'08	29°25	9°28	13° 9	12°10	15°55	11° 3	27° 5	26° 7	28°35	20°41	21°54	13°14	24°19	T 15
W16	19 58 26	28°33'36	11♍35	10°58	13°56	11°57	16° 7	11° 7	27° 8	26° 6	28°33	20°42	21°51	13°20	24°18	W16
T 17	20 2 23	29°31'05	23°57	12°31	14°45	11°44	16°18	11°10	27°12	26° 5	28°32	20°44	21°48	13°27	24°17	T 17
F 18	20 6 19	0♌28'35	6♎33	14° 9	15°34	11°30	16°30	11°14	27°15	26° 4	28°31	20°45	21°45	13°34	24°15	F 18
S 19	20 10 16	1°26'06	19°29	15°51	16°24	11°16	16°42	11°18	27°18	26° 4	28°29	20°46	21°41	13°40	24°14	S 19
S 20	20 14 12	2°23'38	2♏45	17°37	17°15	11° 1	16°53	11°22	27°22	26° 3	28°28	20°R47	21°38	13°47	24°13	S 20
M21	20 18 9	3°21'10	16°26	19°26	18° 6	10°46	17° 5	11°26	27°25	26° 2	28°26	20°46	21°35	13°54	24°11	M21
T 22	20 22 6	4°18'44	0♐31	21°18	18°58	10°31	17°16	11°30	27°29	26° 1	28°25	20°45	21°32	14° 1	24°10	T 22
W23	20 26 2	5°16'18	14°59	23°12	19°51	10°16	17°27	11°34	27°32	26° 0	28°24	20°43	21°29	14° 7	24° 8	W23
T 24	20 29 59	6°13'54	29°47	25° 8	20°44	10° 0	17°39	11°38	27°36	25°59	28°22	20°42	21°26	14°14	24° 7	T 24
F 25	20 33 55	7°11'31	14♑49	27° 6	21°38	9°45	17°50	11°43	27°40	25°58	28°21	20°40	21°22	14°21	24° 5	F 25
S 26	20 37 52	8° 9'09	29°57	29° 5	22°32	9°29	18° 1	11°47	27°43	25°57	28°20	20°39	21°19	14°27	24° 3	S 26
S 27	20 41 48	9° 6'48	15♒ 0	1♌ 6	23°27	9°13	18°12	11°52	27°47	25°56	28°18	20°D38	21°16	14°34	24° 2	S 27
M28	20 45 45	10° 4'28	29°51	3° 7	24°22	8°57	18°23	11°56	27°50	25°55	28°17	20°38	21°13	14°41	24° 0	M28
T 29	20 49 41	11° 2'10	14♓22	5° 8	25°18	8°42	18°34	12° 1	27°54	25°54	28°16	20°39	21°10	14°47	23°58	T 29
W30	20 53 38	11°59'53	28°29	7°10	26°15	8°26	18°44	12° 5	27°58	25°53	28°14	20°40	21° 7	14°54	23°56	W30
T 31	20 57 35	12♌57'38	12♈10	9♌11	27♊11	8♒10	18♊55	12♎10	28♌ 1	25♓52	28♑13	20♒40	21♒ 3	15♋ 1	23♓55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n48	8s 8	1n20	19n39	3s54	16n29	4s35	22s16	5s50	22n 1	0s28	1s49	2n31	13n29	0n44	2s53	1s30	26s52	6s32	14s31	14s 2	26n25	1n47	4n19
W 2	22 42	1 42	2 31	19 50	3 43	16 35	4 35	22 20	5 54	22 3	0 28	1 50	2 31	13 28	0 44	2 54	1 30	26 53	6 32	14 31	14 3	26 24	1 47	4 20
T 3	22 35	4n37	3 30	20 3	3 30	16 42	4 35	22 25	5 58	22 4	0 28	1 51	2 31	13 27	0 44	2 54	1 30	26 53	6 32	14 31	14 4	26 22	1 47	4 20
F 4	22 28	10 31	4 17	20 16	3 18	16 49	4 34	22 31	6 2	22 6	0 28	1 52	2 30	13 26	0 44	2 54	1 30	26 53	6 32	14 30	14 5	26 21	1 46	4 20
S 5	22 21	15 50	4 50	20 30	3 4	16 56	4 33	22 36	6 5	22 8	0 28	1 54	2 30	13 25	0 44	2 54	1 30	26 54	6 32	14 31	14 6	26 20	1 46	4 20
S 6	22 13	20 22	5 8	20 44	2 50	17 3	4 32	22 41	6 9	22 9	0 28	1 55	2 30	13 24	0 44	2 54	1 30	26 54	6 32	14 31	14 8	26 18	1 46	4 20
M 7	22 4	23 56	5 12	20 58	2 36	17 11	4 31	22 47	6 13	22 11	0 28	1 56	2 30	13 23	0 44	2 54	1 30	26 55	6 32	14 32	14 9	26 17	1 46	4 20
T 8	21 56	26 24	5 2	21 13	2 21	17 19	4 30	22 53	6 16	22 12	0 28	1 58	2 29	13 22	0 43	2 55	1 31	26 55	6 33	14 34	14 10	26 16	1 46	4 21
W 9	21 47	27 39	4 38	21 27	2 6	17 27	4 28	22 58	6 19	22 14	0 28	1 59	2 29	13 21	0 43	2 55	1 31	26 55	6 33	14 35	14 11	26 15	1 46	4 21
T 10	21 37	27 37	4 3	21 40	1 51	17 35	4 26	23 4	6 23	22 15	0 27	2 0	2 29	13 20	0 43	2 55	1 31	26 56	6 33	14 37	14 12	26 13	1 45	4 21
F 11	21 28	26 19	3 17	21 54	1 36	17 43	4 24	23 10	6 26	22 16	0 27	2 2	2 29	13 18	0 43	2 55	1 31	26 56	6 33	14 38	14 13	26 12	1 45	4 21
S 12	21 18	23 50	2 23	22 6	1 21	17 51	4 22	23 16	6 29	22 18	0 27	2 3	2 28	13 17	0 43	2 56	1 31	26 57	6 33	14 39	14 14	26 11	1 45	4 21
S 13	21 7	20 20	1 23	22 17	1 6	18 0	4 20	23 22	6 31	22 19	0 27	2 5	2 28	13 16	0 43	2 56	1 31	26 57	6 33	14 40	14 15	26 9	1 45	4 21
M14	20 56	15 59	0 18	22 27	0 52	18 8	4 18	23 28	6 34	22 21	0 27	2 6	2 28	13 15	0 43	2 56	1 31	26 57	6 33	14 40	14 16	26 8	1 44	4 22
T 15	20 45	10 59	0s48	22 36	0 37	18 16	4 15	23 34	6 37	22 22	0 27	2 8	2 28	13 14	0 43	2 57	1 31	26 58	6 33	14 40	14 17	26 6	1 44	4 22
W16	20 33	5 31	1 53	22 43	0 24	18 25	4 13	23 40	6 39	22 23	0 27	2 10	2 27	13 13	0 43	2 57	1 31	26 58	6 33	14 40	14 18	26 5	1 44	4 22
T 17	20 22	0s14	2 53	22 48	0 10	18 33	4 10	23 46	6 41	22 24	0 27	2 11	2 27	13 11	0 43	2 57	1 31	26 58	6 33	14 40	14 19	26 4	1 43	4 22
F 18	20 9	6 5	3 47	22 51	0n 3	18 41	4 7	23 52	6 43	22 26	0 27	2 13	2 27	13 10	0 43	2 58	1 31	26 59	6 33	14 39	14 20	26 2	1 43	4 22
S 19	19 57	11 49	4 30	22 52	0 15	18 49	4 4	23 58	6 45	22 27	0 27	2 15	2 27	13 9	0 43	2 58	1 31	26 59	6 33	14 39	14 21	26 1	1 43	4 22
S 20	19 44	17 11	5 1	22 51	0 27	18 57	4 1	24 4	6 47	22 28	0 27	2 16	2 26	13 8	0 43	2 58	1 31	27 0	6 34	14 39	14 22	26 0	1 42	4 22
M21	19 31	21 52	5 15	22 46	0 38	19 5	3 58	24 9	6 48	22 29	0 27	2 18	2 26	13 6	0 43	2 59	1 31	27 0	6 34	14 39	14 23	25 58	1 42	4 23
T 22	19 17	25 26	5 12	22 40	0 48	19 13	3 54	24 15	6 49	22 30	0 27	2 20	2 26	13 5	0 43	2 59	1 31	27 0	6 34	14 39	14 24	25 57	1 41	4 23
W23	19 3	27 29	4 48	22 30	0 57	19 20	3 51	24 20	6 51	22 32	0 27	2 22	2 26	13 4	0 43	3 0	1 31	27 1	6 34	14 40	14 25	25 55	1 41	4 23
T 24	18 49	27 40	4 6	22 18	1 6	19 28	3 47	24 25	6 51	22 33	0 27	2 24	2 26	13 3	0 43	3 0	1 31	27 1	6 34	14 40	14 26	25 54	1 40	4 23
F 25	18 34	25 49	3 6	22 3	1 14	19 35	3 44	24 30	6 52	22 34	0 27	2 26	2 25	13 1	0 43	3 0	1 31	27 1	6 34	14 41	14 27	25 52	1 40	4 23
S 26	18 19	22 6	1 52	21 46	1 21	19 42	3 40	24 35	6 53	22 35	0 27	2 27	2 25	13 0	0 43	3 1	1 31	27 2	6 34	14 41	14 28	25 51	1 39	4 23
S 27	18 4	16 55	0 31	21 26	1 27	19 48	3 36	24 40	6 53	22 36	0 27	2 29	2 25	12 59	0 43	3 1	1 32	27 2	6 34	14 41	14 29	25 50	1 39	4 23
M28	17 49	10 47	0n51	21 3	1 32	19 55	3 32	24 44	6 53	22 37	0 27	2 31	2 25	12 58	0 43	3 2	1 32	27 2	6 34	14 41	14 30	25 48	1 38	4 23
T 29	17 33	4 13	2 8	20 38	1 36	20 1	3 28	24 49	6 53	22 38	0 27	2 33	2 25	12 56	0 43	3 2	1 32	27 2	6 34	14 41	14 31	25 47	1 37	4 24
W30	17 17	2n22	3 15	20 11	1 40	20 7	3 24	24 53	6 53	22 39	0 27	2 35	2 24	12 55	0 43	3 3	1 32	27 3	6 34	14 41	14 32	25 45	1 37	4 24
T 31	17n 1	8n38	4n 9	19n42	1n43	20n12	3s20	24s56	6s52	22n40	0s26	2s37	2n24	12n54	0n43	3s 3	1s32	27s 3	6s34	14s41	14s33	25n44	1n36	4n24

Julian Day Number = 2101099.5, Delta T = 21m20s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°21'57, Lahiri = 10°28'57 Julian Calendar 1 July 1040 == Greg. Calendar 7 July 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

AUGUST 1040 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	⚳	Day
F 1	21 1 31	13♌55'25	25♈24	11♌12	28♊ 9	7°R55	19♊ 5	12♎15	28♌ 5	25°R51	28°R12	20♒41	21♒ 0	15♋ 7	23°R53	23♓51	F 1
S 2	21 5 28	14°53'14	8♉15	13°12	29° 7	7♒40	19°16	12°20	28° 9	25♓50	28♂10	20°41	20°57	15°14	23♓51		S 2
S 3	21 9 24	15°51'04	20°45	15°12	0♋ 5	7°25	19°26	12°25	28°12	25°49	28° 9	20°R41	20°54	15°21	23°49		S 3
M 4	21 13 21	16°48'56	2♊58	17°11	1° 4	7°10	19°36	12°30	28°16	25°48	28° 8	20°41	20°51	15°27	23°47		M 4
T 5	21 17 17	17°46'50	15° 0	19° 8	2° 3	6°56	19°47	12°35	28°20	25°46	28° 6	20°41	20°47	15°34	23°45		T 5
W 6	21 21 14	18°44'46	26°53	21° 5	3° 2	6°42	19°57	12°40	28°24	25°45	28° 5	20°40	20°44	15°41	23°43		W 6
T 7	21 25 10	19°42'44	8♋43	23° 1	4° 2	6°29	20° 7	12°45	28°27	25°44	28° 4	20°40	20°41	15°47	23°40		T 7
F 8	21 29 7	20°40'43	20°32	24°55	5° 2	6°16	20°16	12°50	28°31	25°43	28° 3	20°D40	20°38	15°54	23°38		F 8
S 9	21 33 4	21°38'45	2♌23	26°48	6° 3	6° 3	20°26	12°56	28°35	25°41	28° 1	20°40	20°35	16° 1	23°36		S 9
S 10	21 37 0	22°36'48	14°20	28°40	7° 4	5°51	20°36	13° 1	28°38	25°40	28° 0	20°40	20°32	16° 7	23°34		S 10
M11	21 40 57	23°34'52	26°24	0♍31	8° 5	5°40	20°45	13° 7	28°42	25°39	27°59	20°R40	20°28	16°14	23°32		M11
T 12	21 44 53	24°32'59	8♍37	2°20	9° 7	5°29	20°54	13°12	28°46	25°37	27°58	20°40	20°25	16°21	23°29		T 12
W13	21 48 50	25°31'06	21° 2	4° 9	10° 9	5°19	21° 4	13°18	28°50	25°36	27°57	20°40	20°22	16°27	23°27		W13
T 14	21 52 46	26°29'16	3♎38	5°56	11°11	5° 9	21°13	13°23	28°53	25°34	27°55	20°39	20°19	16°34	23°25		T 14
F 15	21 56 43	27°27'27	16°28	7°42	12°14	5° 0	21°22	13°29	28°57	25°33	27°54	20°38	20°16	16°41	23°22		F 15
S 16	22 0 39	28°25'40	29°34	9°26	13°16	4°52	21°31	13°35	29° 1	25°32	27°53	20°37	20°13	16°47	23°20		S 16
S 17	22 4 36	29°23'54	12♏55	11° 9	14°20	4°45	21°39	13°41	29° 5	25°30	27°52	20°37	20° 9	16°54	23°18		S 17
M18	22 8 33	0♏22'10	26°34	12°52	15°23	4°38	21°48	13°46	29° 9	25°29	27°51	20°D36	20° 6	17° 1	23°15		M18
T 19	22 12 29	1°20'28	10♐30	14°33	16°27	4°33	21°57	13°52	29°12	25°27	27°50	20°37	20° 3	17° 7	23°13		T 19
W20	22 16 26	2°18'47	24°44	16°13	17°31	4°28	22° 5	13°58	29°16	25°26	27°49	20°37	20° 0	17°14	23°10		W20
T 21	22 20 22	3°17'07	9♑12	17°51	18°35	4°23	22°13	14° 4	29°20	25°24	27°48	20°38	19°57	17°21	23° 8		T 21
F 22	22 24 19	4°15'30	23°52	19°29	19°39	4°20	22°21	14°10	29°24	25°23	27°47	20°39	19°53	17°27	23° 5		F 22
S 23	22 28 15	5°13'54	8♒38	21° 6	20°44	4°17	22°29	14°16	29°27	25°21	27°46	20°40	19°50	17°34	23° 3		S 23
S 24	22 32 12	6°12'19	23°23	22°41	21°49	4°15	22°37	14°23	29°31	25°20	27°45	20°R40	19°47	17°41	23° 0		S 24
M25	22 36 8	7°10'47	8♓ 2	24°15	22°54	4°14	22°45	14°29	29°35	25°18	27°44	20°39	19°44	17°47	22°58		M25
T 26	22 40 5	8° 9'16	22°27	25°49	24° 0	4°D14	22°53	14°35	29°39	25°17	27°43	20°38	19°41	17°54	22°55		T 26
W27	22 44 2	9° 7'47	6♈33	27°21	25° 6	4°14	23° 0	14°41	29°42	25°15	27°42	20°36	19°38	18° 1	22°52		W27
T 28	22 47 58	10° 6'20	20°16	28°52	26°12	4°16	23° 7	14°48	29°46	25°13	27°41	20°33	19°34	18° 7	22°50		T 28
F 29	22 51 55	11° 4'56	3♉34	0♎22	27°18	4°18	23°14	14°54	29°50	25°12	27°40	20°30	19°31	18°14	22°47		F 29
S 30	22 55 51	12° 3'34	16°29	1°51	28°24	4°21	23°21	15° 0	29°53	25°10	27°39	20°28	19°28	18°21	22°44		S 30
S 31	22 59 48	13♍ 2'14	29♉ 2	3♎19	29♋31	4♒24	23♊28	15♎ 7	29♌57	25♓ 9	27♂38	20♒26	19♒25	18♋27	22♓42		S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n44	14n19	4n47	19n11	1n45	20n17	3s16	25s 0	6s51	22n41	0s26	2s39	2n24	12n53	0n43	3s 4	1s32	27s 3	6s34	14s40	14s34	25n42	1n36	4n24
S 2	16 27	19 13	5 10	18 38	1 46	20 22	3 12	25 3	6 50	22 41	0 26	2 42	2 24	12 51	0 43	3 4	1 32	27 4	6 34	14 40	14 35	25 41	1 35	4 24
S 3	16 10	23 8	5 17	18 3	1 46	20 27	3 7	25 6	6 49	22 42	0 26	2 44	2 24	12 50	0 43	3 5	1 32	27 4	6 34	14 40	14 36	25 39	1 34	4 24
M 4	15 53	25 56	5 10	17 27	1 46	20 31	3 3	25 9	6 48	22 43	0 26	2 46	2 23	12 49	0 43	3 5	1 32	27 4	6 34	14 40	14 37	25 38	1 33	4 24
T 5	15 35	27 30	4 49	16 50	1 46	20 34	2 59	25 11	6 47	22 44	0 26	2 48	2 23	12 47	0 43	3 6	1 32	27 5	6 34	14 41	14 38	25 36	1 33	4 24
W 6	15 17	27 48	4 16	16 11	1 44	20 38	2 54	25 13	6 45	22 45	0 26	2 50	2 23	12 46	0 43	3 6	1 32	27 5	6 34	14 41	14 39	25 35	1 32	4 24
T 7	14 59	26 49	3 33	15 32	1 42	20 40	2 50	25 15	6 43	22 46	0 26	2 52	2 23	12 45	0 43	3 7	1 32	27 5	6 34	14 41	14 40	25 33	1 31	4 25
F 8	14 41	24 37	2 40	14 51	1 40	20 43	2 45	25 16	6 41	22 46	0 26	2 55	2 23	12 44	0 43	3 7	1 32	27 5	6 34	14 41	14 41	25 32	1 30	4 25
S 9	14 22	21 21	1 40	14 10	1 37	20 45	2 41	25 17	6 39	22 47	0 26	2 57	2 22	12 42	0 43	3 8	1 32	27 6	6 34	14 41	14 42	25 30	1 30	4 25
S 10	14 3	17 11	0 35	13 27	1 33	20 46	2 36	25 18	6 37	22 48	0 26	2 59	2 22	12 41	0 43	3 8	1 32	27 6	6 34	14 41	14 43	25 29	1 29	4 25
M11	13 44	12 17	0s32	12 45	1 30	20 48	2 32	25 19	6 34	22 49	0 26	3 1	2 22	12 40	0 43	3 9	1 32	27 6	6 34	14 41	14 44	25 27	1 28	4 25
T 12	13 24	6 52	1 38	12 1	1 25	20 48	2 27	25 19	6 32	22 49	0 26	3 4	2 22	12 38	0 43	3 9	1 32	27 6	6 34	14 41	14 45	25 26	1 27	4 25
W13	13 5	1 7	2 41	11 18	1 21	20 48	2 23	25 19	6 29	22 50	0 26	3 6	2 22	12 37	0 43	3 10	1 32	27 7	6 34	14 41	14 46	25 24	1 26	4 25
T 14	12 45	4s46	3 36	10 34	1 16	20 48	2 18	25 18	6 26	22 51	0 26	3 8	2 22	12 36	0 43	3 11	1 32	27 7	6 34	14 41	14 47	25 22	1 26	4 25
F 15	12 25	10 33	4 23	9 49	1 11	20 47	2 13	25 18	6 23	22 51	0 26	3 11	2 21	12 34	0 43	3 11	1 32	27 7	6 34	14 41	14 48	25 21	1 25	4 25
S 16	12 5	15 59	4 56	9 5	1 5	20 46	2 9	25 17	6 20	22 52	0 26	3 13	2 21	12 33	0 43	3 12	1 32	27 7	6 34	14 42	14 49	25 19	1 24	4 25
S 17	11 45	20 47	5 14	8 20	0 59	20 44	2 4	25 15	6 16	22 52	0 26	3 15	2 21	12 32	0 43	3 12	1 32	27 8	6 34	14 42	14 51	25 18	1 23	4 25
M18	11 24	24 36	5 15	7 35	0 53	20 42	1 59	25 14	6 13	22 53	0 26	3 18	2 21	12 30	0 43	3 13	1 32	27 8	6 34	14 42	14 52	25 16	1 22	4 25
T 19	11 3	27 3	4 58	6 50	0 47	20 39	1 54	25 12	6 9	22 54	0 26	3 20	2 21	12 29	0 43	3 14	1 32	27 8	6 34	14 42	14 53	25 14	1 21	4 25
W20	10 42	27 50	4 23	6 5	0 40	20 36	1 50	25 10	6 6	22 54	0 26	3 23	2 21	12 28	0 43	3 14	1 32	27 8	6 34	14 42	14 54	25 13	1 20	4 25
T 21	10 21	26 44	3 30	5 20	0 34	20 32	1 45	25 7	6 2	22 55	0 26	3 25	2 21	12 26	0 43	3 15	1 32	27 8	6 34	14 41	14 55	25 11	1 19	4 25
F 22	10 0	23 48	2 23	4 36	0 27	20 28	1 40	25 4	5 58	22 55	0 26	3 28	2 20	12 25	0 43	3 16	1 32	27 8	6 34	14 41	14 56	25 10	1 18	4 25
S 23	9 39	19 16	1 6	3 51	0 20	20 23	1 36	25 1	5 55	22 56	0 26	3 30	2 20	12 24	0 43	3 16	1 32	27 9	6 34	14 41	14 57	25 8	1 17	4 25
S 24	9 17	13 33	0n15	3 7	0 13	20 17	1 31	24 58	5 51	22 56	0 25	3 33	2 20	12 22	0 43	3 17	1 33	27 9	6 34	14 41	14 58	25 6	1 16	4 25
M25	8 55	7 8	1 35	2 22	0 5	20 11	1 26	24 54	5 47	22 57	0 25	3 35	2 20	12 21	0 43	3 17	1 33	27 9	6 34	14 41	14 59	25 5	1 15	4 25
T 26	8 33	0 27	2 47	1 39	0s 2	20 5	1 22	24 51	5 43	22 57	0 25	3 38	2 20	12 20	0 43	3 18	1 33	27 9	6 34	14 41	15 0	25 3	1 14	4 25
W27	8 11	6n 5	3 47	0 55	0 10	19 58	1 17	24 47	5 39	22 57	0 25	3 40	2 20	12 19	0 43	3 19	1 33	27 9	6 34	14 42	15 1	25 1	1 13	4 26
T 28	7 49	12 9	4 32	0 12	0 17	19 50	1 12	24 42	5 35	22 58	0 25	3 43	2 20	12 17	0 43	3 19	1 33	27 9	6 34	14 43	15 2	25 0	1 12	4 26
F 29	7 27	17 29	5 2	0s31	0 25	19 42	1 8	24 38	5 31	22 58	0 25	3 45	2 19	12 16	0 43	3 20	1 33	27 10	6 34	14 44	15 3	24 58	1 11	4 26
S 30	7 4	21 52	5 14	1 14	0 32	19 34	1 3	24 33	5 26	22 59	0 25	3 48	2 19	12 15	0 43	3 21	1 33	27 10	6 33	14 45	15 4	24 56	1 10	4 26
S 31	6n42	25n 7	5n12	1s56	0s40	19n24	0s59	24s28	5s22	22n59	0s25	3s51	2n19	12n13	0n43	3s21	1s33	27s10	6s33	14s45	15s 5	24n55	1n 9	4n26

Julian Day Number = 2101130.5, Delta T = 21m20s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'01, Lahiri = 10°29'02 Julian Calendar 1 Aug. 1040 == Greg. Calendar 7 Aug. 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

SEPTEMBER 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 3 44	14♍ 0'57	11♊17	4♎46	0♌38	4♒29	23♊35	15♎13	0♍ 1	25°R 7	27°R37	20°D25	19♒22	18♋34	22°R39	M 1
T 2	23 7 41	14°59'41	23°19	6°11	1°45	4°34	23°42	15°20	0° 5	25♓ 5	27♑36	20♒26	19°19	18°41	22♓36	T 2
W 3	23 11 37	15°58'28	5♋12	7°36	2°52	4°40	23°48	15°27	0° 8	25° 4	27°35	20°27	19°15	18°47	22°34	W 3
T 4	23 15 34	16°57'18	17° 1	8°59	3°59	4°47	23°54	15°33	0°12	25° 2	27°35	20°28	19°12	18°54	22°31	T 4
F 5	23 19 31	17°56'09	28°51	10°22	5° 7	4°54	24° 0	15°40	0°15	25° 0	27°34	20°30	19° 9	19° 1	22°28	F 5
S 6	23 23 27	18°55'03	10♌46	11°43	6°15	5° 2	24° 6	15°46	0°19	24°59	27°33	20°32	19° 6	19° 7	22°26	S 6
S 7	23 27 24	19°53'59	22°49	13° 3	7°23	5°11	24°12	15°53	0°23	24°57	27°32	20°R32	19° 3	19°14	22°23	S 7
M 8	23 31 20	20°52'57	5♍ 4	14°21	8°31	5°21	24°18	16° 0	0°26	24°55	27°32	20°31	18°59	19°21	22°20	M 8
T 9	23 35 17	21°51'58	17°33	15°38	9°39	5°32	24°23	16° 7	0°30	24°54	27°31	20°28	18°56	19°27	22°17	T 9
W10	23 39 13	22°51'00	0♎16	16°54	10°48	5°43	24°28	16°14	0°33	24°52	27°30	20°24	18°53	19°34	22°15	W10
T 11	23 43 10	23°50'04	13°14	18° 9	11°57	5°55	24°33	16°20	0°37	24°50	27°30	20°19	18°50	19°41	22°12	T 11
F 12	23 47 6	24°49'11	26°26	19°21	13° 6	6° 7	24°38	16°27	0°41	24°49	27°29	20°13	18°47	19°47	22° 9	F 12
S 13	23 51 3	25°48'19	9♏52	20°32	14°15	6°20	24°43	16°34	0°44	24°47	27°28	20° 8	18°44	19°54	22° 7	S 13
S 14	23 54 59	26°47'29	23°29	21°42	15°24	6°34	24°48	16°41	0°48	24°45	27°28	20° 3	18°40	20° 1	22° 4	S 14
M15	23 58 56	27°46'42	7♐17	22°49	16°33	6°49	24°52	16°48	0°51	24°44	27°27	20° 0	18°37	20° 7	22° 1	M15
T 16	0 2 53	28°45'56	21°14	23°54	17°43	7° 4	24°56	16°55	0°54	24°42	27°27	19°58	18°34	20°14	21°58	T 16
W17	0 6 49	29°45'11	5♑19	24°57	18°52	7°20	25° 0	17° 2	0°58	24°40	27°26	19°D58	18°31	20°21	21°56	W17
T 18	0 10 46	0♎44'29	19°31	25°58	20° 2	7°37	25° 4	17° 9	1° 1	24°39	27°26	19°59	18°28	20°27	21°53	T 18
F 19	0 14 42	1°43'48	3♒48	26°56	21°12	7°54	25° 8	17°16	1° 5	24°37	27°25	20° 0	18°25	20°34	21°50	F 19
S 20	0 18 39	2°43'10	18° 8	27°51	22°22	8°11	25°12	17°23	1° 8	24°35	27°25	20°R 1	18°21	20°41	21°48	S 20
S 21	0 22 35	3°42'33	2♓27	28°42	23°32	8°30	25°15	17°30	1°11	24°34	27°25	20° 0	18°18	20°47	21°45	S 21
M22	0 26 32	4°41'57	16°42	29°31	24°42	8°48	25°18	17°37	1°15	24°32	27°24	19°58	18°15	20°54	21°42	M22
T 23	0 30 28	5°41'24	0♈48	0♏15	25°53	9° 8	25°21	17°44	1°18	24°30	27°24	19°53	18°12	21° 1	21°40	T 23
W24	0 34 25	6°40'53	14°40	0°55	27° 4	9°28	25°24	17°51	1°21	24°29	27°24	19°46	18° 9	21° 7	21°37	W24
T 25	0 38 22	7°40'24	28°15	1°31	28°14	9°48	25°26	17°59	1°24	24°27	27°23	19°38	18° 5	21°14	21°35	T 25
F 26	0 42 18	8°39'57	11♉29	2° 2	29°25	10° 9	25°29	18° 6	1°28	24°26	27°23	19°29	18° 2	21°21	21°32	F 26
S 27	0 46 15	9°39'32	24°23	2°27	0♍36	10°30	25°31	18°13	1°31	24°24	27°23	19°21	17°59	21°27	21°29	S 27
S 28	0 50 11	10°39'10	6♊56	2°46	1°47	10°52	25°33	18°20	1°34	24°22	27°23	19°14	17°56	21°34	21°27	S 28
M29	0 54 8	11°38'50	19°12	2°58	2°58	11°14	25°35	18°27	1°37	24°21	27°22	19°10	17°53	21°41	21°24	M29
T 30	0 58 4	12♎38'33	1♋14	3°R 4	4♍10	11♒37	25♊37	18♎34	1♍40	24♓19	27♑22	19♒ 7	17♒50	21♋47	21♓22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n19	27n 7	4n55	2s38	0s48	19n15	0s54	24s23	5s18	22n59	0s25	3s53	2n19	12n12	0n43	3s22	1s33	27s10	6s33	14s45	15s 6	24n53	1n 8	4n25
T 2	5 56	27 48	4 25	3 19	0 56	19 4	0 49	24 18	5 14	23 0	0 25	3 56	2 19	12 11	0 43	3 23	1 33	27 10	6 33	14 45	15 7	24 51	1 7	4 25
W 3	5 34	27 12	3 44	4 0	1 3	18 54	0 45	24 12	5 10	23 0	0 25	3 59	2 19	12 9	0 43	3 23	1 33	27 10	6 33	14 45	15 8	24 50	1 6	4 25
T 4	5 11	25 21	2 54	4 40	1 11	18 42	0 41	24 6	5 5	23 0	0 25	4 1	2 19	12 8	0 43	3 24	1 33	27 10	6 33	14 44	15 9	24 48	1 5	4 25
F 5	4 48	22 24	1 56	5 20	1 19	18 30	0 36	24 0	5 1	23 1	0 25	4 4	2 19	12 7	0 43	3 25	1 33	27 10	6 33	14 44	15 10	24 46	1 3	4 25
S 6	4 24	18 29	0 53	5 59	1 26	18 18	0 32	23 54	4 57	23 1	0 25	4 7	2 19	12 6	0 43	3 25	1 33	27 10	6 33	14 43	15 11	24 45	1 2	4 25
S 7	4 1	13 47	0s13	6 37	1 34	18 5	0 27	23 48	4 53	23 1	0 25	4 9	2 19	12 4	0 43	3 26	1 33	27 11	6 33	14 43	15 12	24 43	1 1	4 25
M 8	3 38	8 29	1 19	7 15	1 41	17 51	0 23	23 41	4 48	23 2	0 25	4 12	2 18	12 3	0 43	3 27	1 33	27 11	6 33	14 44	15 13	24 41	1 0	4 25
T 9	3 15	2 46	2 22	7 52	1 49	17 37	0 19	23 34	4 44	23 2	0 25	4 15	2 18	12 2	0 43	3 27	1 33	27 11	6 33	14 44	15 14	24 39	0 59	4 25
W10	2 51	3s10	3 20	8 28	1 56	17 23	0 15	23 27	4 40	23 2	0 25	4 17	2 18	12 1	0 43	3 28	1 33	27 11	6 33	14 46	15 15	24 38	0 58	4 25
T 11	2 28	9 4	4 9	9 3	2 3	17 8	0 11	23 20	4 36	23 2	0 25	4 20	2 18	11 59	0 43	3 29	1 33	27 11	6 33	14 47	15 16	24 36	0 57	4 25
F 12	2 4	14 40	4 45	9 37	2 10	16 52	0 6	23 13	4 31	23 3	0 25	4 23	2 18	11 58	0 43	3 29	1 33	27 11	6 33	14 49	15 17	24 34	0 56	4 25
S 13	1 41	19 41	5 6	10 11	2 17	16 36	0 2	23 6	4 27	23 3	0 25	4 25	2 18	11 57	0 43	3 30	1 33	27 11	6 32	14 51	15 17	24 32	0 55	4 25
S 14	1 17	23 45	5 10	10 43	2 24	16 20	0n 2	22 58	4 23	23 3	0 25	4 28	2 18	11 56	0 43	3 31	1 33	27 11	6 32	14 53	15 18	24 31	0 53	4 25
M15	0 53	26 31	4 57	11 14	2 30	16 3	0 6	22 50	4 19	23 3	0 25	4 31	2 18	11 54	0 43	3 31	1 33	27 11	6 32	14 54	15 19	24 29	0 52	4 25
T 16	0 30	27 42	4 26	11 45	2 36	15 45	0 9	22 42	4 15	23 4	0 25	4 34	2 18	11 53	0 43	3 32	1 33	27 11	6 32	14 54	15 20	24 27	0 51	4 25
W17	0 6	27 6	3 39	12 13	2 42	15 27	0 13	22 34	4 11	23 4	0 25	4 36	2 18	11 52	0 43	3 33	1 33	27 11	6 32	14 54	15 21	24 25	0 50	4 25
T 18	0s18	24 45	2 38	12 41	2 48	15 9	0 17	22 26	4 7	23 4	0 24	4 39	2 18	11 51	0 44	3 33	1 33	27 11	6 32	14 54	15 22	24 24	0 49	4 25
F 19	0 42	20 49	1 27	13 7	2 53	14 50	0 21	22 17	4 2	23 4	0 24	4 42	2 18	11 50	0 44	3 34	1 33	27 11	6 32	14 53	15 23	24 22	0 48	4 24
S 20	1 5	15 38	0 10	13 32	2 58	14 31	0 24	22 9	3 58	23 4	0 24	4 45	2 18	11 48	0 44	3 35	1 33	27 11	6 32	14 53	15 24	24 20	0 47	4 24
S 21	1 29	9 37	1n 7	13 54	3 2	14 11	0 28	22 0	3 54	23 4	0 24	4 47	2 17	11 47	0 44	3 35	1 33	27 11	6 32	14 53	15 25	24 18	0 45	4 24
M22	1 53	3 8	2 19	14 15	3 6	13 51	0 32	21 51	3 51	23 5	0 24	4 50	2 17	11 46	0 44	3 36	1 33	27 11	6 32	14 54	15 26	24 16	0 44	4 24
T 23	2 16	3n24	3 22	14 34	3 10	13 30	0 35	21 42	3 47	23 5	0 24	4 53	2 17	11 45	0 44	3 37	1 33	27 11	6 32	14 56	15 27	24 14	0 43	4 24
W24	2 40	9 41	4 12	14 51	3 12	13 9	0 38	21 33	3 43	23 5	0 24	4 56	2 17	11 44	0 44	3 37	1 33	27 11	6 31	14 58	15 28	24 13	0 42	4 24
T 25	3 4	15 21	4 46	15 6	3 14	12 48	0 42	21 24	3 39	23 5	0 24	4 58	2 17	11 43	0 44	3 38	1 33	27 11	6 31	15 0	15 29	24 11	0 41	4 24
F 26	3 27	20 10	5 4	15 18	3 16	12 26	0 45	21 14	3 35	23 5	0 24	5 1	2 17	11 42	0 44	3 39	1 33	27 11	6 31	15 3	15 30	24 9	0 40	4 24
S 27	3 51	23 54	5 6	15 27	3 16	12 4	0 48	21 5	3 31	23 5	0 24	5 4	2 17	11 40	0 44	3 39	1 33	27 11	6 31	15 6	15 31	24 7	0 39	4 24
S 28	4 14	26 23	4 53	15 33	3 15	11 41	0 51	20 55	3 27	23 5	0 24	5 7	2 17	11 39	0 44	3 40	1 33	27 11	6 31	15 8	15 32	24 5	0 37	4 23
M29	4 38	27 33	4 26	15 36	3 14	11 19	0 54	20 45	3 24	23 6	0 24	5 9	2 17	11 38	0 44	3 41	1 33	27 11	6 31	15 9	15 33	24 3	0 36	4 23
T 30	5s 1	27n22	3n48	15s35	3s11	10n55	0n57	20s35	3s20	23n 6	0s24	5s12	2n17	11n37	0n44	3s41	1s33	27s11	6s31	15s10	15s34	24n 2	0n35	4n23

Julian Day Number = 2101161.5, Delta T = 21m19s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'05, Lahiri = 10°29'06 Julian Calendar 1 Sept. 1040 == Greg. Calendar 7 Sept. 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

OCTOBER 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 2 1	13♎38'17	13♋ 7	3°R 1	5♍21	12♒ 1	25♊38	18♎42	1♍43	24°R18	27°R22	19°D 6	17♒46	21♋54	21°R19	W 1
T 2	1 5 57	14°38'04	24°56	2♏51	6°33	12°24	25°39	18°49	1°46	24♓16	27♑22	19♒ 6	17°43	22° 1	21♓17	T 2
F 3	1 9 54	15°37'53	6♌46	2°32	7°44	12°48	25°40	18°56	1°49	24°15	27°22	19° 7	17°40	22° 7	21°15	F 3
S 4	1 13 51	16°37'45	18°43	2° 3	8°56	13°13	25°41	19° 3	1°52	24°13	27°22	19°R 8	17°37	22°14	21°12	S 4
S 5	1 17 47	17°37'38	0♍51	1°26	10° 8	13°38	25°42	19°10	1°55	24°12	27°D22	19° 7	17°34	22°20	21°10	S 5
M 6	1 21 44	18°37'34	13°15	0°40	11°20	14° 3	25°42	19°18	1°58	24°10	27°22	19° 4	17°30	22°27	21° 7	M 6
T 7	1 25 40	19°37'32	25°56	29♎45	12°32	14°29	25°42	19°25	2° 1	24° 9	27°22	18°59	17°27	22°34	21° 5	T 7
W 8	1 29 37	20°37'32	8♎58	28°43	13°44	14°55	25°R42	19°32	2° 4	24° 7	27°22	18°51	17°24	22°40	21° 3	W 8
T 9	1 33 33	21°37'34	22°18	27°34	14°57	15°22	25°42	19°39	2° 6	24° 6	27°22	18°41	17°21	22°47	21° 1	T 9
F 10	1 37 30	22°37'38	5♏57	26°20	16° 9	15°49	25°42	19°46	2° 9	24° 4	27°22	18°30	17°18	22°54	20°58	F 10
S 11	1 41 26	23°37'44	19°49	25° 3	17°22	16°16	25°41	19°54	2°12	24° 3	27°23	18°19	17°15	23° 0	20°56	S 11
S 12	1 45 23	24°37'51	3♐51	23°45	18°34	16°44	25°41	20° 1	2°14	24° 1	27°23	18°10	17°11	23° 7	20°54	S 12
M13	1 49 20	25°38'01	17°59	22°29	19°47	17°12	25°40	20° 8	2°17	24° 0	27°23	18° 2	17° 8	23°14	20°52	M13
T 14	1 53 16	26°38'12	2♑10	21°17	21° 0	17°40	25°38	20°15	2°20	23°59	27°23	17°57	17° 5	23°20	20°50	T 14
W15	1 57 13	27°38'25	16°19	20°12	22°12	18° 9	25°37	20°23	2°22	23°57	27°23	17°55	17° 2	23°27	20°48	W15
T 16	2 1 9	28°38'39	0♒26	19°14	23°25	18°38	25°36	20°30	2°25	23°56	27°24	17°D54	16°59	23°34	20°46	T 16
F 17	2 5 6	29°38'54	14°29	18°27	24°38	19° 7	25°34	20°37	2°27	23°55	27°24	17°R55	16°56	23°40	20°44	F 17
S 18	2 9 2	0♏39'11	28°28	17°50	25°51	19°36	25°32	20°44	2°30	23°54	27°24	17°54	16°52	23°47	20°42	S 18
S 19	2 12 59	1°39'30	12♓22	17°25	27° 4	20° 6	25°30	20°51	2°32	23°52	27°25	17°52	16°49	23°54	20°40	S 19
M20	2 16 55	2°39'50	26°10	17°12	28°18	20°36	25°27	20°58	2°34	23°51	27°25	17°47	16°46	24° 0	20°38	M20
T 21	2 20 52	3°40'11	9♈50	17°D10	29°31	21° 7	25°25	21° 5	2°36	23°50	27°26	17°40	16°43	24° 7	20°36	T 21
W22	2 24 49	4°40'34	23°20	17°20	0♎44	21°37	25°22	21°12	2°39	23°49	27°26	17°29	16°40	24°14	20°35	W22
T 23	2 28 45	5°40'59	6♉36	17°39	1°58	22° 8	25°19	21°20	2°41	23°48	27°27	17°16	16°36	24°20	20°33	T 23
F 24	2 32 42	6°41'26	19°37	18° 8	3°11	22°40	25°16	21°27	2°43	23°46	27°27	17° 3	16°33	24°27	20°31	F 24
S 25	2 36 38	7°41'54	2♊22	18°46	4°25	23°11	25°13	21°34	2°45	23°45	27°28	16°50	16°30	24°34	20°29	S 25
S 26	2 40 35	8°42'24	14°50	19°32	5°38	23°43	25° 9	21°41	2°47	23°44	27°28	16°39	16°27	24°40	20°28	S 26
M27	2 44 31	9°42'56	27° 3	20°24	6°52	24°14	25° 5	21°48	2°49	23°43	27°29	16°30	16°24	24°47	20°26	M27
T 28	2 48 28	10°43'29	9♋ 4	21°23	8° 6	24°46	25° 1	21°55	2°51	23°42	27°29	16°24	16°21	24°54	20°25	T 28
W29	2 52 24	11°44'05	20°56	22°26	9°19	25°19	24°57	22° 2	2°53	23°41	27°30	16°20	16°17	25° 0	20°23	W29
T 30	2 56 21	12°44'42	2♌44	23°34	10°33	25°51	24°53	22° 9	2°55	23°40	27°31	16°19	16°14	25° 7	20°22	T 30
F 31	3 0 18	13♏45'21	14♌32	24♎47	11♎47	26♒24	24♊49	22♎15	2♍57	23♓39	27♑32	16♒18	16♒11	25♋14	20♓21	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s25	25n55	3n 1	15s30	3s 7	10n32	1n 0	20s25	3s16	23n 6	0s24	5s15	2n17	11n36	0n44	3s42	1s33	27s10	6s31	15s11	15s35	24n 0	0n34	4n23
T 2	5 48	23 19	2 6	15 22	3 1	10 8	1 3	20 15	3 13	23 6	0 24	5 18	2 17	11 35	0 44	3 42	1 33	27 10	6 31	15 10	15 36	23 58	0 33	4 23
F 3	6 11	19 44	1 6	15 8	2 54	9 43	1 5	20 5	3 9	23 6	0 24	5 20	2 17	11 34	0 44	3 43	1 33	27 10	6 31	15 10	15 37	23 56	0 32	4 23
S 4	6 34	15 20	0 2	14 50	2 46	9 19	1 8	19 54	3 6	23 6	0 24	5 23	2 17	11 33	0 44	3 44	1 33	27 10	6 30	15 10	15 38	23 54	0 31	4 23
S 5	6 57	10 15	1s 2	14 27	2 35	8 54	1 11	19 44	3 2	23 6	0 24	5 26	2 17	11 32	0 44	3 44	1 33	27 10	6 30	15 10	15 39	23 52	0 30	4 22
M 6	7 20	4 41	2 5	14 0	2 23	8 29	1 13	19 33	2 59	23 6	0 24	5 29	2 17	11 31	0 44	3 45	1 33	27 10	6 30	15 11	15 40	23 50	0 29	4 22
T 7	7 43	1s11	3 3	13 27	2 9	8 3	1 15	19 22	2 55	23 6	0 24	5 31	2 17	11 30	0 44	3 45	1 33	27 10	6 30	15 13	15 41	23 48	0 28	4 22
W 8	8 6	7 8	3 53	12 50	1 53	7 37	1 18	19 11	2 52	23 6	0 24	5 34	2 17	11 29	0 44	3 46	1 33	27 10	6 30	15 15	15 42	23 46	0 27	4 22
T 9	8 28	12 55	4 32	12 9	1 35	7 11	1 20	19 0	2 49	23 6	0 23	5 37	2 17	11 28	0 44	3 46	1 33	27 10	6 30	15 18	15 43	23 45	0 26	4 22
F 10	8 51	18 13	4 56	11 24	1 17	6 45	1 22	18 49	2 45	23 6	0 23	5 40	2 17	11 27	0 44	3 47	1 33	27 10	6 30	15 22	15 44	23 43	0 24	4 22
S 11	9 13	22 38	5 3	10 37	0 57	6 19	1 24	18 37	2 42	23 6	0 23	5 42	2 17	11 26	0 44	3 48	1 33	27 9	6 30	15 25	15 45	23 41	0 23	4 21
S 12	9 36	25 48	4 52	9 50	0 36	5 52	1 26	18 26	2 39	23 6	0 23	5 45	2 17	11 25	0 44	3 48	1 33	27 9	6 30	15 28	15 46	23 39	0 22	4 21
M13	9 58	27 23	4 23	9 2	0 15	5 25	1 28	18 14	2 36	23 6	0 23	5 48	2 17	11 24	0 44	3 49	1 33	27 9	6 29	15 30	15 47	23 37	0 21	4 21
T 14	10 20	27 11	3 38	8 16	0n 5	4 58	1 30	18 2	2 33	23 6	0 23	5 50	2 17	11 23	0 44	3 49	1 33	27 9	6 29	15 32	15 48	23 35	0 20	4 21
W15	10 41	25 12	2 39	7 33	0 25	4 30	1 32	17 50	2 29	23 6	0 23	5 53	2 17	11 22	0 44	3 50	1 32	27 9	6 29	15 33	15 49	23 33	0 19	4 21
T 16	11 3	21 39	1 31	6 54	0 44	4 3	1 33	17 38	2 26	23 7	0 23	5 56	2 17	11 22	0 44	3 50	1 32	27 9	6 29	15 33	15 50	23 31	0 18	4 20
F 17	11 24	16 52	0 18	6 20	1 1	3 35	1 35	17 26	2 23	23 7	0 23	5 58	2 17	11 21	0 44	3 51	1 32	27 8	6 29	15 33	15 51	23 29	0 17	4 20
S 18	11 46	11 12	0n56	5 51	1 17	3 7	1 36	17 14	2 20	23 7	0 23	6 1	2 17	11 20	0 44	3 51	1 32	27 8	6 29	15 33	15 52	23 27	0 17	4 20
S 19	12 7	5 1	2 6	5 29	1 31	2 40	1 37	17 2	2 17	23 7	0 23	6 4	2 17	11 19	0 44	3 52	1 32	27 8	6 29	15 33	15 53	23 25	0 16	4 20
M20	12 28	1n21	3 8	5 12	1 43	2 11	1 39	16 49	2 14	23 7	0 23	6 6	2 17	11 18	0 44	3 52	1 32	27 8	6 29	15 35	15 54	23 23	0 15	4 20
T 21	12 48	7 34	3 58	5 2	1 53	1 43	1 40	16 37	2 11	23 6	0 23	6 9	2 17	11 17	0 44	3 52	1 32	27 8	6 29	15 37	15 55	23 21	0 14	4 19
W22	13 9	13 21	4 35	4 58	2 2	1 15	1 41	16 24	2 9	23 6	0 23	6 12	2 17	11 17	0 45	3 53	1 32	27 7	6 28	15 41	15 56	23 19	0 13	4 19
T 23	13 29	18 26	4 55	4 59	2 9	0 47	1 42	16 11	2 6	23 6	0 23	6 14	2 17	11 16	0 45	3 53	1 32	27 7	6 28	15 44	15 56	23 17	0 12	4 19
F 24	13 49	22 32	5 0	5 6	2 14	0 18	1 43	15 58	2 3	23 6	0 22	6 17	2 18	11 15	0 45	3 54	1 32	27 7	6 28	15 48	15 57	23 15	0 11	4 19
S 25	14 9	25 28	4 50	5 17	2 17	0s11	1 44	15 45	2 0	23 6	0 22	6 19	2 18	11 14	0 45	3 54	1 32	27 7	6 28	15 52	15 58	23 13	0 10	4 18
S 26	14 29	27 6	4 25	5 32	2 19	0 39	1 44	15 32	1 57	23 6	0 22	6 22	2 18	11 14	0 45	3 55	1 32	27 7	6 28	15 56	15 59	23 11	0 9	4 18
M27	14 48	27 21	3 49	5 51	2 21	1 8	1 45	15 19	1 55	23 6	0 22	6 25	2 18	11 13	0 45	3 55	1 32	27 6	6 28	15 59	16 0	23 9	0 9	4 18
T 28	15 7	26 18	3 3	6 13	2 20	1 37	1 46	15 5	1 52	23 6	0 22	6 27	2 18	11 12	0 45	3 55	1 32	27 6	6 28	16 0	16 1	23 7	0 8	4 18
W29	15 26	24 4	2 10	6 37	2 19	2 5	1 46	14 52	1 49	23 6	0 22	6 30	2 18	11 12	0 45	3 56	1 32	27 6	6 28	16 1	16 2	23 5	0 7	4 17
T 30	15 45	20 49	1 11	7 4	2 17	2 34	1 47	14 39	1 47	23 6	0 22	6 32	2 18	11 11	0 45	3 56	1 32	27 6	6 28	16 2	16 3	23 3	0 6	4 17
F 31	16s 3	16n42	0n 9	7s33	2n15	3s 3	1n47	14s25	1s44	23n 6	0s22	6s35	2n18	11n10	0n45	3s56	1s32	27s 5	6s28	16s 2	16s 4	23n 1	0n 5	4n17

Julian Day Number = 2101191.5, Delta T = 21m19s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'10, Lahiri = 10°29'10 Julian Calendar 1 Oct. 1040 == Greg. Calendar 7 Oct. 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

NOVEMBER 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 4 14	14♏46'01	26♌28	26♎ 2	13♎ 1	26♒57	24°R44	22♎22	2♍59	23°R38	27♑32	16°R18	16♒ 8	25♋20	20°R19	S 1
S 2	3 8 11	15°46'44	8♍36	27°21	14°15	27°30	24♊39	22°29	3° 0	23♓37	27°33	16♒17	16° 5	25°27	20♓18	S 2
M 3	3 12 7	16°47'27	21° 2	28°41	15°29	28° 3	24°34	22°36	3° 2	23°37	27°34	16°14	16° 2	25°34	20°17	M 3
T 4	3 16 4	17°48'13	3♎49	0♏ 4	16°43	28°37	24°29	22°43	3° 3	23°36	27°35	16° 8	15°58	25°40	20°16	T 4
W 5	3 20 0	18°49'00	17° 1	1°29	17°57	29°11	24°24	22°49	3° 5	23°35	27°35	15°59	15°55	25°47	20°14	W 5
T 6	3 23 57	19°49'49	0♏37	2°55	19°12	29°44	24°18	22°56	3° 7	23°34	27°36	15°47	15°52	25°53	20°13	T 6
F 7	3 27 53	20°50'39	14°37	4°22	20°26	0♓18	24°13	23° 3	3° 8	23°33	27°37	15°35	15°49	26° 0	20°12	F 7
S 8	3 31 50	21°51'30	28°55	5°51	21°40	0°53	24° 7	23°10	3° 9	23°33	27°38	15°22	15°46	26° 7	20°11	S 8
S 9	3 35 47	22°52'23	13♐25	7°20	22°55	1°27	24° 1	23°16	3°11	23°32	27°39	15°11	15°42	26°13	20°10	S 9
M10	3 39 43	23°53'17	28° 1	8°50	24° 9	2° 2	23°55	23°23	3°12	23°31	27°40	15° 2	15°39	26°20	20°10	M10
T 11	3 43 40	24°54'12	12♑35	10°20	25°23	2°36	23°49	23°29	3°13	23°31	27°41	14°56	15°36	26°27	20° 9	T 11
W12	3 47 36	25°55'07	27° 2	11°51	26°38	3°11	23°42	23°36	3°15	23°30	27°42	14°53	15°33	26°33	20° 8	W12
T 13	3 51 33	26°56'04	11♒18	13°22	27°52	3°46	23°36	23°42	3°16	23°30	27°43	14°D52	15°30	26°40	20° 7	T 13
F 14	3 55 29	27°57'01	25°22	14°54	29° 7	4°21	23°29	23°49	3°17	23°29	27°44	14°R52	15°27	26°47	20° 7	F 14
S 15	3 59 26	28°57'59	9♓13	16°26	0♏21	4°57	23°22	23°55	3°18	23°29	27°45	14°52	15°23	26°53	20° 6	S 15
S 16	4 3 22	29°58'57	22°52	17°58	1°36	5°32	23°16	24° 1	3°19	23°28	27°46	14°50	15°20	27° 0	20° 6	S 16
M17	4 7 19	0♐59'56	6♈20	19°31	2°50	6° 8	23° 9	24° 8	3°20	23°28	27°48	14°45	15°17	27° 7	20° 5	M17
T 18	4 11 16	2° 0'56	19°36	21° 3	4° 5	6°43	23° 2	24°14	3°20	23°27	27°49	14°38	15°14	27°13	20° 5	T 18
W19	4 15 12	3° 1'57	2♉42	22°36	5°20	7°19	22°54	24°20	3°21	23°27	27°50	14°28	15°11	27°20	20° 4	W19
T 20	4 19 9	4° 2'58	15°35	24° 9	6°34	7°55	22°47	24°26	3°22	23°27	27°51	14°16	15° 8	27°27	20° 4	T 20
F 21	4 23 5	5° 4'01	28°17	25°42	7°49	8°31	22°40	24°32	3°23	23°27	27°52	14° 3	15° 4	27°33	20° 4	F 21
S 22	4 27 2	6° 5'04	10♊47	27°15	9° 4	9° 7	22°32	24°38	3°23	23°26	27°54	13°50	15° 1	27°40	20° 3	S 22
S 23	4 30 58	7° 6'07	23° 5	28°48	10°19	9°43	22°25	24°44	3°24	23°26	27°55	13°39	14°58	27°47	20° 3	S 23
M24	4 34 55	8° 7'12	5♋11	0♐21	11°33	10°20	22°17	24°50	3°24	23°26	27°56	13°30	14°55	27°53	20° 3	M24
T 25	4 38 51	9° 8'18	17° 7	1°54	12°48	10°56	22° 9	24°56	3°25	23°26	27°57	13°24	14°52	28° 0	20°D 3	T 25
W26	4 42 48	10° 9'24	28°57	3°28	14° 3	11°33	22° 1	25° 2	3°25	23°26	27°59	13°20	14°48	28° 7	20° 3	W26
T 27	4 46 45	11°10'31	10♌43	5° 1	15°18	12° 9	21°54	25° 7	3°26	23°26	28° 0	13°D19	14°45	28°13	20° 3	T 27
F 28	4 50 41	12°11'39	22°31	6°35	16°33	12°46	21°46	25°13	3°26	23°26	28° 1	13°19	14°42	28°20	20° 3	F 28
S 29	4 54 38	13°12'47	4♍25	8° 9	17°48	13°23	21°38	25°19	3°26	23°D25	28° 3	13°20	14°39	28°27	20° 3	S 29
S 30	4 58 34	14♐13'56	16♍31	9♐43	19♏ 3	14♓ 0	21♊30	25♎24	3♍26	23♓26	28♑ 4	13°R20	14♒36	28♋33	20♓ 4	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s21	11n55	0s54	8s 4	2n11	3s31	1n47	14s11	1s42	23n 6	0s22	6s37	2n18	11n10	0n45	3s57	1s32	27s 5	6s27	16s 2	16s 5	22n59	0n 5	4n17
S 2	16 39	6 36	1 55	8 36	2 7	4 0	1 47	13 57	1 39	23 6	0 22	6 40	2 18	11 9	0 45	3 57	1 32	27 5	6 27	16 2	16 6	22 57	0 4	4 16
M 3	16 56	0 56	2 53	9 9	2 3	4 29	1 47	13 43	1 37	23 6	0 22	6 42	2 18	11 9	0 45	3 57	1 32	27 5	6 27	16 3	16 7	22 55	0 3	4 16
T 4	17 14	4s56	3 43	9 43	1 58	4 57	1 47	13 29	1 34	23 6	0 22	6 44	2 18	11 8	0 45	3 58	1 32	27 4	6 27	16 5	16 8	22 53	0 3	4 16
W 5	17 31	10 46	4 23	10 18	1 52	5 26	1 47	13 15	1 32	23 5	0 21	6 47	2 18	11 8	0 45	3 58	1 32	27 4	6 27	16 8	16 9	22 51	0 2	4 16
T 6	17 47	16 16	4 50	10 53	1 47	5 54	1 47	13 1	1 30	23 5	0 21	6 49	2 18	11 7	0 45	3 58	1 32	27 4	6 27	16 11	16 10	22 49	0 1	4 15
F 7	18 4	21 5	5 0	11 28	1 41	6 23	1 47	12 47	1 27	23 5	0 21	6 52	2 19	11 7	0 45	3 58	1 32	27 4	6 27	16 15	16 11	22 47	0 1	4 15
S 8	18 20	24 46	4 52	12 3	1 35	6 51	1 46	12 33	1 25	23 5	0 21	6 54	2 19	11 6	0 45	3 59	1 32	27 3	6 27	16 19	16 12	22 44	0s 0	4 15
S 9	18 35	26 55	4 25	12 39	1 28	7 19	1 46	12 18	1 23	23 5	0 21	6 56	2 19	11 6	0 45	3 59	1 32	27 3	6 27	16 22	16 13	22 42	0 1	4 15
M10	18 51	27 14	3 41	13 14	1 21	7 47	1 45	12 4	1 20	23 5	0 21	6 59	2 19	11 5	0 45	3 59	1 32	27 3	6 27	16 25	16 14	22 40	0 1	4 14
T 11	19 6	25 39	2 42	13 49	1 15	8 15	1 45	11 49	1 18	23 4	0 21	7 1	2 19	11 5	0 45	3 59	1 32	27 2	6 26	16 26	16 15	22 38	0 2	4 14
W12	19 20	22 23	1 33	14 24	1 8	8 42	1 44	11 34	1 16	23 4	0 21	7 3	2 19	11 4	0 45	4 0	1 32	27 2	6 26	16 27	16 16	22 36	0 2	4 14
T 13	19 35	17 47	0 19	14 58	1 1	9 10	1 44	11 19	1 14	23 4	0 21	7 6	2 19	11 4	0 45	4 0	1 32	27 2	6 26	16 28	16 16	22 34	0 3	4 14
F 14	19 48	12 16	0n55	15 32	0 54	9 37	1 43	11 5	1 12	23 4	0 20	7 8	2 19	11 4	0 45	4 0	1 31	27 2	6 26	16 28	16 17	22 32	0 3	4 13
S 15	20 2	6 13	2 5	16 5	0 47	10 4	1 42	10 50	1 10	23 4	0 20	7 10	2 19	11 3	0 46	4 0	1 31	27 1	6 26	16 28	16 18	22 30	0 4	4 13
S 16	20 15	0n 1	3 7	16 38	0 40	10 31	1 41	10 35	1 7	23 3	0 20	7 12	2 20	11 3	0 46	4 0	1 31	27 1	6 26	16 28	16 19	22 28	0 4	4 13
M17	20 28	6 9	3 57	17 11	0 33	10 57	1 40	10 19	1 5	23 3	0 20	7 14	2 20	11 3	0 46	4 0	1 31	27 1	6 26	16 30	16 20	22 25	0 5	4 13
T 18	20 40	11 55	4 34	17 42	0 26	11 24	1 39	10 4	1 3	23 3	0 20	7 17	2 20	11 3	0 46	4 0	1 31	27 0	6 26	16 32	16 21	22 23	0 5	4 12
W19	20 52	17 5	4 55	18 13	0 19	11 50	1 38	9 49	1 1	23 3	0 20	7 19	2 20	11 2	0 46	4 1	1 31	27 0	6 26	16 35	16 22	22 21	0 6	4 12
T 20	21 4	21 24	5 1	18 43	0 12	12 16	1 36	9 34	0 59	23 2	0 20	7 21	2 20	11 2	0 46	4 1	1 31	27 0	6 26	16 38	16 23	22 19	0 6	4 12
F 21	21 15	24 38	4 53	19 12	0 5	12 41	1 35	9 18	0 57	23 2	0 20	7 23	2 20	11 2	0 46	4 1	1 31	26 59	6 26	16 42	16 24	22 17	0 6	4 11
S 22	21 26	26 37	4 29	19 41	0s 2	13 7	1 34	9 3	0 56	23 2	0 20	7 25	2 20	11 2	0 46	4 1	1 31	26 59	6 26	16 46	16 25	22 15	0 7	4 11
S 23	21 37	27 17	3 54	20 8	0 9	13 32	1 32	8 47	0 54	23 1	0 19	7 27	2 21	11 1	0 46	4 1	1 31	26 59	6 26	16 49	16 26	22 13	0 7	4 11
M24	21 47	26 36	3 9	20 35	0 16	13 56	1 31	8 32	0 52	23 1	0 19	7 29	2 21	11 1	0 46	4 1	1 31	26 58	6 25	16 52	16 27	22 10	0 7	4 11
T 25	21 56	24 42	2 15	21 1	0 22	14 21	1 29	8 16	0 50	23 1	0 19	7 31	2 21	11 1	0 46	4 1	1 31	26 58	6 25	16 53	16 28	22 8	0 8	4 10
W26	22 5	21 43	1 16	21 26	0 29	14 45	1 28	8 1	0 48	23 0	0 19	7 33	2 21	11 1	0 46	4 1	1 31	26 58	6 25	16 54	16 29	22 6	0 8	4 10
T 27	22 14	17 52	0 14	21 50	0 35	15 8	1 26	7 45	0 46	23 0	0 19	7 35	2 21	11 1	0 46	4 1	1 31	26 57	6 25	16 55	16 30	22 4	0 8	4 10
F 28	22 22	13 18	0s49	22 12	0 42	15 31	1 24	7 29	0 44	23 0	0 19	7 37	2 21	11 1	0 46	4 1	1 31	26 57	6 25	16 55	16 31	22 2	0 8	4 10
S 29	22 30	8 14	1 51	22 34	0 48	15 54	1 23	7 13	0 43	22 59	0 19	7 39	2 21	11 1	0 46	4 1	1 31	26 57	6 25	16 54	16 31	21 59	0 8	4 9
S 30	22s38	2n46	2s48	22s55	0s54	16s17	1n21	6s57	0s41	22n59	0s18	7s41	2n22	11n 1	0n46	4s 1	1s31	26s56	6s25	16s54	16s32	21n57	0s 9	4n 9

Julian Day Number = 2101222.5, Delta T = 21m19s
Ecliptic obliquity = 23°33'56, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'14, Lahiri = 10°29'14 Julian Calendar 1 Nov. 1040 == Greg. Calendar 7 Nov. 1040

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ASTRODIENST EPHEMERIS for the year 1040
geocentric

DECEMBER 1040 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 2 31	15♐15'06	28♍53	11♐17	20♏18	14♓37	21°R22	25♎30	3♍27	23♓26	28♉ 6	13°R19	14♒33	28♋40	20♓ 4	M 1
T 2	5 6 27	16°16'17	11♎38	12°52	21°33	15°14	21♊13	25°35	3°27	23°26	28° 7	13♒16	14°29	28°46	20° 4	T 2
W 3	5 10 24	17°17'28	24°49	14°26	22°48	15°51	21° 5	25°41	3°R27	23°26	28° 9	13°11	14°26	28°53	20° 5	W 3
T 4	5 14 20	18°18'40	8♏28	16° 1	24° 3	16°28	20°57	25°46	3°27	23°26	28°10	13° 3	14°23	29° 0	20° 5	T 4
F 5	5 18 17	19°19'53	22°35	17°36	25°18	17° 5	20°49	25°51	3°26	23°26	28°12	12°54	14°20	29° 6	20° 6	F 5
S 6	5 22 14	20°21'06	7♐ 6	19°11	26°33	17°43	20°41	25°56	3°26	23°26	28°13	12°45	14°17	29°13	20° 6	S 6
S 7	5 26 10	21°22'20	21°56	20°47	27°48	18°20	20°33	26° 2	3°26	23°27	28°15	12°37	14°14	29°20	20° 7	S 7
M 8	5 30 7	22°23'33	6♑55	22°23	29° 3	18°58	20°25	26° 7	3°26	23°27	28°16	12°30	14°10	29°26	20° 8	M 8
T 9	5 34 3	23°24'47	21°54	23°59	0♐18	19°35	20°17	26°12	3°26	23°27	28°18	12°26	14° 7	29°33	20° 8	T 9
W10	5 38 0	24°26'01	6♒45	25°35	1°33	20°13	20° 8	26°16	3°25	23°28	28°19	12°D25	14° 4	29°40	20° 9	W10
T 11	5 41 56	25°27'14	21°22	27°12	2°48	20°51	20° 0	26°21	3°25	23°28	28°21	12°25	14° 1	29°46	20°10	T 11
F 12	5 45 53	26°28'27	5♓41	28°49	4° 3	21°29	19°52	26°26	3°24	23°29	28°22	12°26	13°58	29°53	20°11	F 12
S 13	5 49 50	27°29'40	19°39	0♑27	5°18	22° 7	19°44	26°31	3°24	23°29	28°24	12°27	13°54	29°59	20°12	S 13
S 14	5 53 46	28°30'52	3♈17	2° 4	6°33	22°44	19°36	26°35	3°23	23°30	28°26	12°R27	13°51	0♌ 6	20°13	S 14
M15	5 57 43	29°32'04	16°37	3°42	7°48	23°22	19°28	26°40	3°22	23°30	28°27	12°26	13°48	0°13	20°14	M15
T 16	6 1 39	0♑33'16	29°40	5°21	9° 3	24° 0	19°20	26°44	3°22	23°31	28°29	12°22	13°45	0°20	20°15	T 16
W17	6 5 36	1°34'27	12♉28	6°59	10°18	24°38	19°13	26°49	3°21	23°31	28°31	12°17	13°42	0°26	20°16	W17
T 18	6 9 32	2°35'38	25° 3	8°39	11°34	25°17	19° 5	26°53	3°20	23°32	28°32	12°10	13°39	0°33	20°17	T 18
F 19	6 13 29	3°36'48	7♊26	10°18	12°49	25°55	18°57	26°57	3°19	23°33	28°34	12° 3	13°35	0°40	20°19	F 19
S 20	6 17 25	4°37'59	19°40	11°58	14° 4	26°33	18°50	27° 1	3°18	23°33	28°36	11°55	13°32	0°46	20°20	S 20
S 21	6 21 22	5°39'08	1♋45	13°38	15°19	27°11	18°42	27° 5	3°17	23°34	28°37	11°49	13°29	0°53	20°21	S 21
M22	6 25 19	6°40'18	13°42	15°18	16°34	27°49	18°35	27° 9	3°16	23°35	28°39	11°44	13°26	0°59	20°23	M22
T 23	6 29 15	7°41'27	25°34	16°58	17°49	28°28	18°27	27°13	3°15	23°36	28°41	11°41	13°23	1° 6	20°24	T 23
W24	6 33 12	8°42'35	7♌22	18°39	19° 4	29° 6	18°20	27°17	3°14	23°37	28°43	11°D39	13°20	1°13	20°26	W24
T 25	6 37 8	9°43'44	19° 8	20°19	20°19	29°45	18°13	27°20	3°13	23°38	28°44	11°39	13°16	1°19	20°27	T 25
F 26	6 41 5	10°44'51	0♍57	22° 0	21°34	0♈23	18° 6	27°24	3°12	23°38	28°46	11°41	13°13	1°26	20°29	F 26
S 27	6 45 1	11°45'59	12°52	23°40	22°50	1° 1	17°59	27°28	3°10	23°39	28°48	11°43	13°10	1°33	20°30	S 27
S 28	6 48 58	12°47'06	24°57	25°20	24° 5	1°40	17°52	27°31	3° 9	23°40	28°50	11°44	13° 7	1°39	20°32	S 28
M29	6 52 54	13°48'13	7♎17	27° 0	25°20	2°18	17°46	27°34	3° 8	23°41	28°52	11°45	13° 4	1°46	20°34	M29
T 30	6 56 51	14°49'19	19°57	28°39	26°35	2°57	17°39	27°38	3° 6	23°42	28°53	11°R46	13° 0	1°53	20°36	T 30
W31	7 0 48	15♑50'25	3♏ 1	0♒17	27♐50	3♈35	17♊33	27♎41	3♍ 5	23♓44	28♑55	11♒44	12♒57	1♌59	20♓38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	22s45	2s54	3s39	23s14	1s 0	16s39	1n19	6s42	0s39	22n59	0s18	7s43	2n22	11n 1	0n46	4s 1	1s31	26s56	6s25	16s55	16s33	21n55	0s 9	4n 9	
T 2	22 51	8 37	4 21	23 32	1 5	17 0	1 17	6 26	0 38	22 58	0 18	7 44	2 22	11 1	0 46	4 1	1 31	26 56	6 25	16 55	16 34	21 53	0 9	4 8	
W 3	22 57	14 10	4 51	23 49	1 11	17 21	1 15	6 10	0 36	22 58	0 18	7 46	2 22	11 1	0 46	4 0	1 31	26 55	6 25	16 57	16 35	21 51	0 9	4 8	
T 4	23 3	19 12	5 5	24 5	1 16	17 42	1 13	5 54	0 34	22 57	0 18	7 48	2 22	11 1	0 46	4 0	1 31	26 55	6 25	16 59	16 36	21 48	0 9	4 8	
F 5	23 8	23 22	5 2	24 20	1 21	18 2	1 11	5 37	0 33	22 57	0 18	7 50	2 22	11 1	0 46	4 0	1 31	26 55	6 25	17 2	16 37	21 46	0 9	4 8	
S 6	23 13	26 12	4 39	24 33	1 26	18 22	1 9	5 21	0 31	22 57	0 18	7 51	2 23	11 1	0 46	4 0	1 31	26 54	6 25	17 4	16 38	21 44	0 9	4 7	
S 7	23 17	27 16	3 58	24 45	1 31	18 41	1 7	5 5	0 29	22 56	0 17	7 53	2 23	11 1	0 47	4 0	1 30	26 54	6 25	17 7	16 39	21 42	0 9	4 7	
M 8	23 21	26 22	2 59	24 56	1 35	19 0	1 5	4 49	0 28	22 56	0 17	7 55	2 23	11 1	0 47	4 0	1 30	26 53	6 25	17 8	16 40	21 39	0 9	4 7	
T 9	23 24	23 33	1 48	25 5	1 39	19 18	1 2	4 33	0 26	22 55	0 17	7 56	2 23	11 2	0 47	4 0	1 30	26 53	6 25	17 10	16 41	21 37	0 9	4 6	
W10	23 27	19 10	0 31	25 13	1 43	19 36	1 0	4 16	0 25	22 55	0 17	7 58	2 23	11 2	0 47	3 59	1 30	26 53	6 25	17 10	16 42	21 35	0 9	4 6	
T 11	23 29	13 41	0n48	25 19	1 47	19 53	0 58	4 0	0 23	22 54	0 17	8 0	2 24	11 2	0 47	3 59	1 30	26 52	6 25	17 10	16 43	21 33	0 9	4 6	
F 12	23 31	7 35	2 3	25 24	1 51	20 10	0 56	3 44	0 22	22 54	0 17	8 1	2 24	11 2	0 47	3 59	1 30	26 52	6 25	17 10	16 43	21 30	0 9	4 6	
S 13	23 32	1 15	3 8	25 28	1 54	20 25	0 53	3 27	0 20	22 53	0 17	8 3	2 24	11 2	0 47	3 59	1 30	26 52	6 25	17 9	16 44	21 28	0 9	4 5	
S 14	23 33	4n59	4 1	25 30	1 57	20 41	0 51	3 11	0 19	22 53	0 16	8 4	2 24	11 3	0 47	3 58	1 30	26 51	6 25	17 9	16 45	21 26	0 9	4 5	
M15	23 34	10 51	4 39	25 30	1 59	20 56	0 48	2 55	0 17	22 52	0 16	8 6	2 24	11 3	0 47	3 58	1 30	26 51	6 25	17 10	16 46	21 24	0 8	4 5	
T 16	23 34	16 7	5 2	25 29	2 1	21 10	0 46	2 38	0 16	22 52	0 16	8 7	2 25	11 3	0 47	3 58	1 30	26 51	6 25	17 11	16 47	21 21	0 8	4 5	
W17	23 33	20 34	5 10	25 26	2 3	21 24	0 44	2 22	0 15	22 52	0 16	8 8	2 25	11 4	0 47	3 58	1 30	26 50	6 25	17 12	16 48	21 19	0 8	4 4	
T 18	23 32	24 0	5 2	25 21	2 5	21 36	0 41	2 5	0 13	22 51	0 16	8 10	2 25	11 4	0 47	3 57	1 30	26 50	6 25	17 14	16 49	21 17	0 8	4 4	
F 19	23 31	26 16	4 40	25 15	2 6	21 49	0 39	1 49	0 12	22 51	0 16	8 11	2 25	11 4	0 47	3 57	1 30	26 49	6 25	17 16	16 50	21 15	0 8	4 4	
S 20	23 29	27 15	4 6	25 7	2 6	22 1	0 36	1 32	0 11	22 50	0 15	8 12	2 25	11 5	0 47	3 57	1 30	26 49	6 25	17 18	16 51	21 12	0 7	4 4	
S 21	23 27	26 54	3 20	24 58	2 6	22 12	0 34	1 16	0 9	22 50	0 15	8 13	2 26	11 5	0 47	3 56	1 30	26 49	6 25	17 20	16 52	21 10	0 7	4 3	
M22	23 24	25 17	2 27	24 46	2 6	22 22	0 31	1 0	0 8	22 49	0 15	8 15	2 26	11 5	0 47	3 56	1 30	26 48	6 25	17 22	16 53	21 8	0 7	4 3	
T 23	23 20	22 34	1 27	24 33	2 5	22 32	0 29	0 43	0 7	22 49	0 15	8 16	2 26	11 6	0 47	3 56	1 30	26 48	6 25	17 22	16 54	21 5	0 6	4 3	
W24	23 17	18 54	0 23	24 19	2 4	22 41	0 26	0 27	0 6	22 48	0 15	8 17	2 26	11 6	0 47	3 55	1 30	26 48	6 25	17 23	16 54	21 3	0 6	4 2	
T 25	23 12	14 31	0s41	24 2	2 2	22 49	0 23	0 10	0 4	22 48	0 15	8 18	2 27	11 7	0 47	3 55	1 30	26 47	6 25	17 23	16 55	21 1	0 6	4 2	
F 26	23 8	9 34	1 44	23 44	2 0	22 57	0 21	0n 6	0 3	22 47	0 14	8 19	2 27	11 7	0 47	3 54	1 30	26 47	6 25	17 22	16 56	20 58	0 5	4 2	
S 27	23 2	4 15	2 43	23 24	1 57	23 4	0 18	0 23	0 2	22 47	0 14	8 20	2 27	11 8	0 47	3 54	1 30	26 46	6 25	17 22	16 57	20 56	0 5	4 2	
S 28	22 57	1s17	3 36	23 2	1 53	23 10	0 16	0 39	0 1	22 46	0 14	8 21	2 27	11 8	0 47	3 54	1 30	26 46	6 25	17 21	16 58	20 54	0 4	4 1	
M29	22 51	6 53	4 20	22 39	1 49	23 16	0 13	0 56	0n 1	22 46	0 14	8 22	2 27	11 9	0 47	3 53	1 29	26 46	6 25	17 21	16 59	20 51	0 4	4 1	
T 30	22 44	12 21	4 52	22 14	1 44	23 21	0 11	1 12	0 2	22 46	0 14	8 23	2 28	11 9	0 47	3 53	1 29	26 45	6 25	17 21	17 0	20 49	0 3	4 1	
W31	22s37	17s27	5s11	21s48	1s39	23s25	0n 8	1n29	0n 3	22n45	0s14	8s24	2n28	11n10	0n47	3s52	1s29	26s45	6s25	17s21	17s 1	20n47	0s 3	4n 1	

Julian Day Number = 2101252.5, Delta T = 21m18s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'18, Lahiri = 10°29'18 Julian Calendar 1 Dec. 1040 == Greg. Calendar 7 Dec. 1040

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

JANUARY 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 4 44	16♑51'31	16♏32	1♒54	29♐ 5	4♈14	17°R27	27♎44	3°R 3	23♓45	28♑57	11°R42	12♒54	2♌ 6	20♓39	T 1
F 2	7 8 41	17°52'36	0♐32	3°29	0♑20	4°53	17♊21	27°47	3♍ 2	23°46	28°59	11♒39	12°51	2°13	20°41	F 2
S 3	7 12 37	18°53'41	14°59	5° 3	1°36	5°31	17°15	27°50	3° 0	23°47	29° 1	11°36	12°48	2°19	20°43	S 3
S 4	7 16 34	19°54'45	29°49	6°34	2°51	6°10	17° 9	27°52	2°59	23°48	29° 2	11°33	12°45	2°26	20°45	S 4
M 5	7 20 30	20°55'48	14♑55	8° 3	4° 6	6°49	17° 3	27°55	2°57	23°49	29° 4	11°30	12°41	2°33	20°48	M 5
T 6	7 24 27	21°56'51	0♒ 9	9°28	5°21	7°28	16°58	27°58	2°55	23°51	29° 6	11°29	12°38	2°39	20°50	T 6
W 7	7 28 24	22°57'52	15°19	10°49	6°36	8° 6	16°52	28° 0	2°53	23°52	29° 8	11°D29	12°35	2°46	20°52	W 7
T 8	7 32 20	23°58'52	0♓16	12° 6	7°51	8°45	16°47	28° 3	2°52	23°53	29°10	11°29	12°32	2°53	20°54	T 8
F 9	7 36 17	24°59'51	14°55	13°18	9° 6	9°24	16°42	28° 5	2°50	23°55	29°12	11°30	12°29	2°59	20°56	F 9
S 10	7 40 13	26° 0'49	29° 9	14°23	10°22	10° 3	16°37	28° 7	2°48	23°56	29°13	11°32	12°26	3° 6	20°59	S 10
S 11	7 44 10	27° 1'45	12♈59	15°22	11°37	10°42	16°33	28° 9	2°46	23°57	29°15	11°33	12°22	3°12	21° 1	S 11
M12	7 48 6	28° 2'40	26°23	16°13	12°52	11°20	16°28	28°11	2°44	23°59	29°17	11°R33	12°19	3°19	21° 3	M12
T 13	7 52 3	29° 3'33	9♉24	16°56	14° 7	11°59	16°24	28°13	2°42	24° 0	29°19	11°33	12°16	3°26	21° 6	T 13
W14	7 55 59	0♒ 4'25	22° 5	17°29	15°22	12°38	16°20	28°15	2°40	24° 2	29°21	11°32	12°13	3°32	21° 8	W14
T 15	7 59 56	1° 5'16	4♊30	17°53	16°37	13°17	16°16	28°17	2°38	24° 3	29°23	11°31	12°10	3°39	21°11	T 15
F 16	8 3 53	2° 6'05	16°42	18° 6	17°52	13°56	16°12	28°18	2°36	24° 5	29°24	11°29	12° 6	3°46	21°13	F 16
S 17	8 7 49	3° 6'52	28°44	18°R 8	19° 7	14°35	16° 9	28°20	2°34	24° 6	29°26	11°28	12° 3	3°52	21°16	S 17
S 18	8 11 46	4° 7'39	10♋38	17°59	20°22	15°14	16° 5	28°21	2°31	24° 8	29°28	11°27	12° 0	3°59	21°18	S 18
M19	8 15 42	5° 8'23	22°29	17°39	21°37	15°53	16° 2	28°22	2°29	24°10	29°30	11°26	11°57	4° 6	21°21	M19
T 20	8 19 39	6° 9'07	4♌17	17° 9	22°52	16°32	15°59	28°23	2°27	24°11	29°32	11°26	11°54	4°12	21°24	T 20
W21	8 23 35	7° 9'49	16° 5	16°29	24° 7	17°11	15°56	28°25	2°25	24°13	29°34	11°D26	11°51	4°19	21°26	W21
T 22	8 27 32	8°10'29	27°55	15°41	25°22	17°50	15°54	28°26	2°22	24°15	29°36	11°26	11°47	4°26	21°29	T 22
F 23	8 31 28	9°11'08	9♍49	14°45	26°37	18°29	15°51	28°26	2°20	24°16	29°37	11°26	11°44	4°32	21°32	F 23
S 24	8 35 25	10°11'46	21°50	13°43	27°52	19° 8	15°49	28°27	2°18	24°18	29°39	11°26	11°41	4°39	21°35	S 24
S 25	8 39 22	11°12'22	4♎ 1	12°36	29° 7	19°47	15°47	28°28	2°15	24°20	29°41	11°R26	11°38	4°46	21°38	S 25
M26	8 43 18	12°12'57	16°25	11°28	0♒22	20°26	15°45	28°28	2°13	24°22	29°43	11°26	11°35	4°52	21°40	M26
T 27	8 47 15	13°13'31	29° 5	10°19	1°37	21° 5	15°44	28°29	2°11	24°23	29°45	11°26	11°32	4°59	21°43	T 27
W28	8 51 11	14°14'03	12♏ 5	9°11	2°52	21°43	15°42	28°29	2° 8	24°25	29°46	11°D26	11°28	5° 5	21°46	W28
T 29	8 55 8	15°14'35	25°27	8° 7	4° 7	22°22	15°41	28°29	2° 6	24°27	29°48	11°26	11°25	5°12	21°49	T 29
F 30	8 59 4	16°15'05	9♐14	7° 6	5°22	23° 1	15°40	28°30	2° 3	24°29	29°50	11°27	11°22	5°19	21°52	F 30
S 31	9 3 1	17♒15'33	23♐26	6♒11	6♒37	23♈40	15♊39	28°R30	2♍ 1	24♓31	29♑52	11♒27	11♒19	5♌25	21♓55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s30	21s52	5s14	21s20	1s32	23s28	0n 5	1n45	0n 4	22n45	0s13	8s25	2n28	11n10	0n48	3s52	1s29	26s45	6s25	17s22	17s 2	20n44	0s 2	4n 1
F 2	22 22	25 13	4 58	20 51	1 25	23 31	0 3	2 2	0 5	22 44	0 13	8 26	2 28	11 11	0 48	3 51	1 29	26 44	6 25	17 23	17 3	20 42	0 2	4 0
S 3	22 14	27 4	4 23	20 21	1 17	23 33	0 0	2 18	0 6	22 44	0 13	8 27	2 29	11 12	0 48	3 51	1 29	26 44	6 25	17 24	17 4	20 40	0 1	4 0
S 4	22 5	27 4	3 30	19 49	1 8	23 34	0s 2	2 34	0 7	22 43	0 13	8 27	2 29	11 12	0 48	3 50	1 29	26 44	6 25	17 25	17 4	20 37	0 1	4 0
M 5	21 56	25 4	2 22	19 17	0 58	23 35	0 5	2 51	0 8	22 43	0 13	8 28	2 29	11 13	0 48	3 50	1 29	26 43	6 25	17 25	17 5	20 35	0n 0	4 0
T 6	21 46	21 14	1 2	18 44	0 48	23 35	0 7	3 7	0 9	22 43	0 13	8 29	2 29	11 14	0 48	3 49	1 29	26 43	6 25	17 26	17 6	20 32	0 1	3 59
W 7	21 36	15 59	0n21	18 11	0 36	23 34	0 10	3 24	0 10	22 42	0 12	8 30	2 30	11 14	0 48	3 49	1 29	26 43	6 25	17 26	17 7	20 30	0 1	3 59
T 8	21 25	9 50	1 42	17 38	0 23	23 32	0 12	3 40	0 12	22 42	0 12	8 30	2 30	11 15	0 48	3 48	1 29	26 42	6 25	17 26	17 8	20 28	0 2	3 59
F 9	21 15	3 17	2 55	17 5	0 10	23 30	0 15	3 56	0 13	22 42	0 12	8 31	2 30	11 16	0 48	3 48	1 29	26 42	6 25	17 25	17 9	20 25	0 3	3 59
S 10	21 3	3n15	3 54	16 32	0n 4	23 27	0 17	4 12	0 14	22 41	0 12	8 31	2 30	11 16	0 48	3 47	1 29	26 42	6 25	17 25	17 10	20 23	0 3	3 58
S 11	20 52	9 25	4 39	16 0	0 19	23 23	0 20	4 29	0 15	22 41	0 12	8 32	2 31	11 17	0 48	3 46	1 29	26 41	6 25	17 25	17 11	20 20	0 4	3 58
M12	20 40	14 59	5 6	15 30	0 35	23 18	0 22	4 45	0 15	22 41	0 12	8 32	2 31	11 18	0 48	3 46	1 29	26 41	6 25	17 25	17 12	20 18	0 5	3 58
T 13	20 27	19 42	5 17	15 2	0 51	23 13	0 24	5 1	0 16	22 41	0 11	8 33	2 31	11 19	0 48	3 45	1 29	26 41	6 25	17 25	17 13	20 16	0 6	3 58
W14	20 14	23 24	5 12	14 36	1 8	23 7	0 27	5 17	0 17	22 40	0 11	8 33	2 31	11 19	0 48	3 45	1 29	26 40	6 25	17 25	17 13	20 13	0 6	3 58
T 15	20 1	25 56	4 52	14 12	1 25	23 0	0 29	5 33	0 18	22 40	0 11	8 33	2 32	11 20	0 48	3 44	1 29	26 40	6 25	17 25	17 14	20 11	0 7	3 57
F 16	19 48	27 12	4 19	13 52	1 43	22 53	0 31	5 49	0 19	22 40	0 11	8 34	2 32	11 21	0 48	3 43	1 29	26 40	6 26	17 26	17 15	20 8	0 8	3 57
S 17	19 34	27 9	3 36	13 35	2 0	22 45	0 34	6 5	0 20	22 40	0 11	8 34	2 32	11 22	0 48	3 43	1 29	26 39	6 26	17 26	17 16	20 6	0 9	3 57
S 18	19 20	25 51	2 43	13 21	2 17	22 36	0 36	6 21	0 21	22 39	0 11	8 34	2 32	11 23	0 48	3 42	1 29	26 39	6 26	17 26	17 17	20 4	0 10	3 57
M19	19 5	23 23	1 43	13 12	2 33	22 27	0 38	6 37	0 22	22 39	0 10	8 35	2 33	11 23	0 48	3 41	1 29	26 39	6 26	17 26	17 18	20 1	0 10	3 57
T 20	18 50	19 56	0 40	13 6	2 48	22 16	0 40	6 53	0 23	22 39	0 10	8 35	2 33	11 24	0 48	3 41	1 29	26 38	6 26	17 27	17 19	19 59	0 11	3 56
W21	18 35	15 41	0s26	13 5	3 2	22 6	0 42	7 9	0 24	22 39	0 10	8 35	2 33	11 25	0 48	3 40	1 29	26 38	6 26	17 27	17 20	19 56	0 12	3 56
T 22	18 19	10 51	1 30	13 7	3 15	21 54	0 44	7 24	0 25	22 39	0 10	8 35	2 33	11 26	0 48	3 39	1 29	26 38	6 26	17 27	17 21	19 54	0 13	3 56
F 23	18 3	5 35	2 31	13 13	3 25	21 42	0 46	7 40	0 25	22 39	0 10	8 35	2 34	11 27	0 48	3 38	1 29	26 37	6 26	17 26	17 21	19 51	0 14	3 56
S 24	17 47	0 6	3 26	13 23	3 34	21 29	0 48	7 56	0 26	22 39	0 10	8 35	2 34	11 28	0 48	3 38	1 29	26 37	6 26	17 26	17 22	19 49	0 15	3 56
S 25	17 30	5s28	4 13	13 35	3 40	21 16	0 50	8 11	0 27	22 39	0 9	8 35	2 34	11 29	0 48	3 37	1 29	26 37	6 26	17 26	17 23	19 46	0 16	3 55
M26	17 13	10 55	4 48	13 50	3 44	21 2	0 52	8 27	0 28	22 39	0 9	8 35	2 34	11 29	0 48	3 36	1 28	26 36	6 26	17 26	17 24	19 44	0 17	3 55
T 27	16 56	16 2	5 11	14 7	3 46	20 47	0 54	8 42	0 29	22 39	0 9	8 35	2 35	11 30	0 48	3 36	1 28	26 36	6 27	17 26	17 25	19 42	0 18	3 55
W28	16 39	20 34	5 18	14 26	3 45	20 32	0 56	8 58	0 29	22 39	0 9	8 35	2 35	11 31	0 48	3 35	1 28	26 36	6 27	17 26	17 26	19 39	0 19	3 55
T 29	16 21	24 13	5 9	14 45	3 42	20 16	0 58	9 13	0 30	22 39	0 9	8 35	2 35	11 32	0 48	3 34	1 28	26 36	6 27	17 26	17 27	19 37	0 20	3 55
F 30	16 3	26 35	4 41	15 5	3 37	19 59	1 0	9 28	0 31	22 39	0 9	8 35	2 35	11 33	0 48	3 33	1 28	26 35	6 27	17 26	17 28	19 34	0 21	3 55
S 31	15s45	27s20	3s57	15s25	3n31	19s42	1s 1	9n44	0n32	22n39	0s 9	8s34	2n36	11n34	0n48	3s32	1s28	26s35	6s27	17s26	17s28	19n32	0n22	3n54

Julian Day Number = 2101283.5, Delta T = 21m18s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'22, Lahiri = 10°29'23 Julian Calendar 1 Jan. 1041 == Greg. Calendar 7 Jan. 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

FEBRUARY 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 6 57	18♒16'01	8♉ 1	5°R22	7♒52	24♈19	15°R39	28°R30	1°R58	24♓33	29♉54	11♒28	11♒16	5♌32	21♓58	S 1
M 2	9 10 54	19°16'26	22°56	4♒40	9° 7	24°58	15♊38	28♎29	1♍56	24°35	29°55	11°28	11°12	5°39	22° 1	M 2
T 3	9 14 51	20°16'51	8♒ 3	4° 5	10°22	25°37	15°38	28°29	1°53	24°37	29°57	11°R29	11° 9	5°45	22° 5	T 3
W 4	9 18 47	21°17'13	23°14	3°37	11°37	26°16	15°D38	28°29	1°51	24°39	29°59	11°28	11° 6	5°52	22° 8	W 4
T 5	9 22 44	22°17'34	8♓20	3°17	12°52	26°55	15°38	28°28	1°48	24°40	0♒ 1	11°28	11° 3	5°59	22°11	T 5
F 6	9 26 40	23°17'52	23°10	3° 4	14° 7	27°34	15°39	28°28	1°45	24°42	0° 2	11°26	11° 0	6° 5	22°14	F 6
S 7	9 30 37	24°18'09	7♈39	2°D58	15°22	28°13	15°39	28°27	1°43	24°44	0° 4	11°25	10°57	6°12	22°17	S 7
S 8	9 34 33	25°18'24	21°41	2°59	16°37	28°52	15°40	28°26	1°40	24°46	0° 6	11°23	10°53	6°19	22°20	S 8
M 9	9 38 30	26°18'36	5♉16	3° 6	17°52	29°31	15°41	28°25	1°38	24°49	0° 7	11°22	10°50	6°25	22°24	M 9
T 10	9 42 26	27°18'47	18°24	3°19	19° 7	0♉10	15°42	28°24	1°35	24°51	0° 9	11°21	10°47	6°32	22°27	T 10
W11	9 46 23	28°18'55	1♊ 7	3°38	20°21	0°49	15°44	28°23	1°32	24°53	0°11	11°D21	10°44	6°38	22°30	W11
T 12	9 50 20	29°19'01	13°31	4° 2	21°36	1°28	15°45	28°22	1°30	24°55	0°12	11°21	10°41	6°45	22°34	T 12
F 13	9 54 16	0♓19'05	25°39	4°31	22°51	2° 7	15°47	28°21	1°27	24°57	0°14	11°22	10°37	6°52	22°37	F 13
S 14	9 58 13	1°19'07	7♋35	5° 5	24° 6	2°46	15°49	28°19	1°25	24°59	0°16	11°24	10°34	6°58	22°40	S 14
S 15	10 2 9	2°19'07	19°25	5°43	25°21	3°25	15°51	28°18	1°22	25° 1	0°17	11°26	10°31	7° 5	22°44	S 15
M16	10 6 6	3°19'05	1♌11	6°25	26°35	4° 4	15°54	28°16	1°19	25° 3	0°19	11°27	10°28	7°12	22°47	M16
T 17	10 10 2	4°19'00	12°59	7°11	27°50	4°43	15°56	28°15	1°17	25° 5	0°20	11°R27	10°25	7°18	22°50	T 17
W18	10 13 59	5°18'54	24°50	8° 0	29° 5	5°22	15°59	28°13	1°14	25° 7	0°22	11°26	10°22	7°25	22°54	W18
T 19	10 17 55	6°18'45	6♍46	8°53	0♓20	6° 1	16° 2	28°11	1°12	25°10	0°24	11°24	10°18	7°32	22°57	T 19
F 20	10 21 52	7°18'34	18°50	9°48	1°34	6°40	16° 5	28° 9	1° 9	25°12	0°25	11°21	10°15	7°38	23° 1	F 20
S 21	10 25 49	8°18'22	1♎ 4	10°47	2°49	7°19	16° 8	28° 7	1° 6	25°14	0°27	11°17	10°12	7°45	23° 4	S 21
S 22	10 29 45	9°18'07	13°28	11°48	4° 4	7°58	16°12	28° 5	1° 4	25°16	0°28	11°12	10° 9	7°52	23° 7	S 22
M23	10 33 42	10°17'50	26° 4	12°51	5°19	8°37	16°15	28° 3	1° 1	25°18	0°30	11° 7	10° 6	7°58	23°11	M23
T 24	10 37 38	11°17'32	8♏54	13°58	6°33	9°15	16°19	28° 0	0°59	25°21	0°31	11° 3	10° 3	8° 5	23°14	T 24
W25	10 41 35	12°17'12	21°58	15° 6	7°48	9°54	16°23	27°58	0°56	25°23	0°33	11° 0	9°59	8°11	23°18	W25
T 26	10 45 31	13°16'50	5♐19	16°16	9° 3	10°33	16°27	27°56	0°54	25°25	0°34	10°58	9°56	8°18	23°21	T 26
F 27	10 49 28	14°16'27	18°59	17°29	10°17	11°12	16°32	27°53	0°51	25°27	0°36	10°D58	9°53	8°25	23°25	F 27
S 28	10 53 24	15♓16'02	2♑57	18♒44	11♓32	11♉51	16♊36	27♎50	0♍49	25♓30	0♒37	10♒59	9♒50	8♌31	23♓28	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s26	26s14	2s56	15s45	3n22	19s25	1s 3	9n59	0n32	22n39	0s 8	8s34	2n36	11n35	0n48	3s32	1s28	26s35	6s27	17s26	17s29	19n29	0n23	3n54
M 2	15 7	23 16	1 41	16 5	3 13	19 6	1 5	10 14	0 33	22 39	0 8	8 34	2 36	11 36	0 48	3 31	1 28	26 34	6 27	17 26	17 30	19 27	0 24	3 54
T 3	14 48	18 39	0 19	16 23	3 2	18 48	1 6	10 29	0 34	22 39	0 8	8 33	2 36	11 37	0 48	3 30	1 28	26 34	6 27	17 26	17 31	19 24	0 25	3 54
W 4	14 29	12 49	1n 5	16 41	2 51	18 28	1 8	10 44	0 35	22 39	0 8	8 33	2 37	11 38	0 48	3 29	1 28	26 34	6 28	17 26	17 32	19 22	0 26	3 54
T 5	14 9	6 16	2 24	16 57	2 39	18 9	1 9	10 59	0 35	22 39	0 8	8 33	2 37	11 39	0 48	3 29	1 28	26 34	6 28	17 26	17 33	19 19	0 27	3 54
F 6	13 49	0n30	3 31	17 12	2 26	17 48	1 10	11 13	0 36	22 40	0 8	8 32	2 37	11 39	0 48	3 28	1 28	26 33	6 28	17 26	17 34	19 17	0 28	3 53
S 7	13 29	7 5	4 24	17 26	2 13	17 27	1 12	11 28	0 37	22 40	0 7	8 32	2 37	11 40	0 48	3 27	1 28	26 33	6 28	17 27	17 35	19 14	0 30	3 53
S 8	13 9	13 6	4 58	17 39	2 0	17 6	1 13	11 43	0 37	22 40	0 7	8 31	2 38	11 41	0 48	3 26	1 28	26 33	6 28	17 27	17 36	19 12	0 31	3 53
M 9	12 49	18 17	5 15	17 50	1 47	16 44	1 14	11 57	0 38	22 40	0 7	8 31	2 38	11 42	0 48	3 25	1 28	26 33	6 28	17 28	17 36	19 9	0 32	3 53
T 10	12 28	22 25	5 14	18 0	1 33	16 22	1 15	12 12	0 39	22 41	0 7	8 30	2 38	11 43	0 48	3 24	1 28	26 32	6 28	17 28	17 37	19 7	0 33	3 53
W11	12 7	25 21	4 58	18 8	1 20	15 59	1 17	12 26	0 39	22 41	0 7	8 30	2 38	11 44	0 48	3 24	1 28	26 32	6 29	17 28	17 38	19 4	0 34	3 53
T 12	11 46	26 59	4 28	18 15	1 8	15 36	1 18	12 40	0 40	22 41	0 7	8 29	2 39	11 45	0 48	3 23	1 28	26 32	6 29	17 28	17 39	19 1	0 35	3 53
F 13	11 25	27 17	3 47	18 21	0 55	15 12	1 19	12 54	0 40	22 42	0 7	8 28	2 39	11 46	0 48	3 22	1 28	26 32	6 29	17 28	17 40	18 59	0 37	3 52
S 14	11 4	26 17	2 57	18 25	0 42	14 48	1 19	13 8	0 41	22 42	0 6	8 28	2 39	11 47	0 48	3 21	1 28	26 32	6 29	17 27	17 41	18 56	0 38	3 52
S 15	10 42	24 7	1 59	18 27	0 30	14 24	1 20	13 22	0 42	22 42	0 6	8 27	2 39	11 48	0 48	3 20	1 28	26 31	6 29	17 27	17 42	18 54	0 39	3 52
M16	10 21	20 55	0 56	18 28	0 19	13 59	1 21	13 36	0 42	22 43	0 6	8 26	2 39	11 49	0 48	3 19	1 28	26 31	6 29	17 26	17 42	18 51	0 40	3 52
T 17	9 59	16 52	0s 8	18 27	0 7	13 34	1 22	13 50	0 43	22 43	0 6	8 25	2 40	11 50	0 48	3 18	1 28	26 31	6 29	17 26	17 43	18 49	0 42	3 52
W18	9 37	12 10	1 13	18 25	0s 4	13 9	1 23	14 4	0 43	22 44	0 6	8 24	2 40	11 51	0 48	3 18	1 28	26 31	6 30	17 26	17 44	18 46	0 43	3 52
T 19	9 15	6 59	2 15	18 22	0 14	12 43	1 23	14 17	0 44	22 44	0 6	8 24	2 40	11 52	0 48	3 17	1 28	26 31	6 30	17 27	17 45	18 44	0 44	3 52
F 20	8 52	1 30	3 11	18 17	0 25	12 16	1 24	14 31	0 45	22 45	0 6	8 23	2 40	11 53	0 48	3 16	1 28	26 30	6 30	17 28	17 46	18 41	0 45	3 52
S 21	8 30	4s 5	4 0	18 11	0 35	11 50	1 24	14 44	0 45	22 45	0 5	8 22	2 41	11 53	0 48	3 15	1 28	26 30	6 30	17 29	17 47	18 38	0 47	3 52
S 22	8 7	9 36	4 37	18 3	0 44	11 23	1 25	14 57	0 46	22 45	0 5	8 21	2 41	11 54	0 48	3 14	1 28	26 30	6 30	17 30	17 48	18 36	0 48	3 51
M23	7 45	14 48	5 2	17 53	0 53	10 56	1 25	15 11	0 46	22 46	0 5	8 20	2 41	11 55	0 48	3 13	1 28	26 30	6 31	17 32	17 48	18 33	0 49	3 51
T 24	7 22	19 28	5 13	17 42	1 2	10 28	1 25	15 24	0 47	22 47	0 5	8 19	2 41	11 56	0 48	3 12	1 28	26 30	6 31	17 33	17 49	18 31	0 50	3 51
W25	6 59	23 18	5 7	17 30	1 10	10 1	1 26	15 36	0 47	22 47	0 5	8 18	2 41	11 57	0 48	3 11	1 28	26 30	6 31	17 34	17 50	18 28	0 52	3 51
T 26	6 36	25 59	4 45	17 16	1 18	9 33	1 26	15 49	0 48	22 48	0 5	8 17	2 42	11 58	0 48	3 11	1 28	26 29	6 31	17 34	17 51	18 26	0 53	3 51
F 27	6 13	27 12	4 7	17 1	1 25	9 4	1 26	16 2	0 48	22 48	0 5	8 16	2 42	11 59	0 48	3 10	1 28	26 29	6 31	17 34	17 52	18 23	0 54	3 51
S 28	5s50	26s45	3s13	16s45	1s32	8s36	1s26	16n15	0n49	22n49	0s 4	8s14	2n42	12n 0	0n48	3s 9	1s28	26s29	6s31	17s34	17s53	18n20	0n56	3n51

Julian Day Number = 2101314.5, Delta T = 21m18s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'26, Lahiri = 10°29'27 Julian Calendar 1 Feb. 1041 == Greg. Calendar 7 Feb. 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

MARCH 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 57 21	16♓15'35	17♉14	20♒ 0	12♓46	12♉30	16♊41	27°R48	0°R46	25♓32	0♒38	11♒ 1	9♒47	8♌38	23♓32	S 1
M 2	11 1 18	17°15'06	1♒47	21°18	14° 1	13° 9	16°46	27♎45	0♍44	25°34	0°40	11° 2	9°43	8°45	23°35	M 2
T 3	11 5 14	18°14'35	16°34	22°38	15°16	13°47	16°51	27°42	0°41	25°36	0°41	11°R 2	9°40	8°51	23°39	T 3
W 4	11 9 11	19°14'03	1♓29	24° 0	16°30	14°26	16°56	27°39	0°39	25°39	0°42	11° 1	9°37	8°58	23°42	W 4
T 5	11 13 7	20°13'28	16°23	25°23	17°45	15° 5	17° 1	27°36	0°36	25°41	0°44	10°57	9°34	9° 5	23°46	T 5
F 6	11 17 4	21°12'51	1♈ 9	26°48	18°59	15°44	17° 7	27°33	0°34	25°43	0°45	10°52	9°31	9°11	23°49	F 6
S 7	11 21 0	22°12'12	15°38	28°15	20°14	16°23	17°12	27°29	0°31	25°45	0°46	10°46	9°28	9°18	23°53	S 7
S 8	11 24 57	23°11'31	29°45	29°43	21°28	17° 1	17°18	27°26	0°29	25°48	0°48	10°39	9°24	9°25	23°57	S 8
M 9	11 28 53	24°10'48	13♉26	1♓12	22°43	17°40	17°24	27°23	0°27	25°50	0°49	10°32	9°21	9°31	24° 0	M 9
T 10	11 32 50	25°10'02	26°40	2°43	23°57	18°19	17°30	27°19	0°24	25°52	0°50	10°27	9°18	9°38	24° 4	T 10
W11	11 36 46	26° 9'14	9♊29	4°16	25°12	18°58	17°37	27°16	0°22	25°54	0°51	10°24	9°15	9°45	24° 7	W11
T 12	11 40 43	27° 8'24	21°55	5°49	26°26	19°36	17°43	27°12	0°20	25°57	0°52	10°D22	9°12	9°51	24°11	T 12
F 13	11 44 40	28° 7'32	4♋ 4	7°25	27°41	20°15	17°50	27° 9	0°18	25°59	0°53	10°22	9° 9	9°58	24°14	F 13
S 14	11 48 36	29° 6'37	16° 0	9° 2	28°55	20°54	17°57	27° 5	0°15	26° 1	0°55	10°23	9° 5	10° 4	24°18	S 14
S 15	11 52 33	0♈ 5'39	27°49	10°40	0♈10	21°32	18° 4	27° 1	0°13	26° 4	0°56	10°25	9° 2	10°11	24°21	S 15
M16	11 56 29	1° 4'40	9♌36	12°20	1°24	22°11	18°11	26°58	0°11	26° 6	0°57	10°R25	8°59	10°18	24°25	M16
T 17	12 0 26	2° 3'38	21°25	14° 1	2°38	22°50	18°18	26°54	0° 9	26° 8	0°58	10°25	8°56	10°24	24°28	T 17
W18	12 4 22	3° 2'33	3♍20	15°44	3°53	23°28	18°25	26°50	0° 7	26°10	0°59	10°22	8°53	10°31	24°32	W18
T 19	12 8 19	4° 1'27	15°25	17°28	5° 7	24° 7	18°33	26°46	0° 5	26°13	1° 0	10°17	8°49	10°38	24°35	T 19
F 20	12 12 15	5° 0'18	27°41	19°13	6°21	24°46	18°40	26°42	0° 3	26°15	1° 1	10° 9	8°46	10°44	24°39	F 20
S 21	12 16 12	5°59'07	10♎10	21° 1	7°36	25°24	18°48	26°38	0° 1	26°17	1° 2	10° 0	8°43	10°51	24°42	S 21
S 22	12 20 9	6°57'55	22°53	22°49	8°50	26° 3	18°56	26°34	29♌59	26°19	1° 3	9°50	8°40	10°58	24°46	S 22
M23	12 24 5	7°56'40	5♏48	24°39	10° 4	26°41	19° 4	26°29	29°57	26°22	1° 4	9°40	8°37	11° 4	24°49	M23
T 24	12 28 2	8°55'23	18°56	26°31	11°18	27°20	19°12	26°25	29°55	26°24	1° 5	9°30	8°34	11°11	24°53	T 24
W25	12 31 58	9°54'05	2♐17	28°24	12°33	27°59	19°20	26°21	29°53	26°26	1° 5	9°23	8°30	11°18	24°56	W25
T 26	12 35 55	10°52'45	15°48	0♈19	13°47	28°37	19°29	26°17	29°52	26°28	1° 6	9°18	8°27	11°24	25° 0	T 26
F 27	12 39 51	11°51'24	29°31	2°15	15° 1	29°16	19°37	26°13	29°50	26°30	1° 7	9°15	8°24	11°31	25° 3	F 27
S 28	12 43 48	12°50'00	13♉25	4°13	16°15	29°54	19°46	26° 8	29°48	26°33	1° 8	9°D15	8°21	11°37	25° 6	S 28
S 29	12 47 44	13°48'35	27°30	6°12	17°29	0♊33	19°55	26° 4	29°47	26°35	1° 9	9°15	8°18	11°44	25°10	S 29
M30	12 51 41	14°47'08	11♒46	8°13	18°43	1°11	20° 3	25°59	29°45	26°37	1° 9	9°R15	8°14	11°51	25°13	M30
T 31	12 55 38	15♈45'40	26♒10	10♈15	19♈58	1♊50	20♊12	25♎55	29♌43	26♓39	1♒10	9♒14	8♒11	11♌57	25♓17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s27	24s32	2s 6	16s27	1s38	8s 7	1s26	16n27	0n49	22n49	0s 4	8s13	2n42	12n 1	0n48	3s 8	1s28	26s29	6s32	17s33	17s54	18n18	0n57	3n51
M 2	5 4	20 41	0 50	16 7	1 44	7 38	1 26	16 39	0 50	22 50	0 4	8 12	2 42	12 2	0 48	3 7	1 28	26 29	6 32	17 33	17 54	18 15	0 58	3 51
T 3	4 40	15 28	0n30	15 46	1 50	7 9	1 26	16 52	0 50	22 51	0 4	8 11	2 43	12 2	0 48	3 6	1 28	26 29	6 32	17 33	17 55	18 13	1 0	3 51
W 4	4 17	9 18	1 49	15 24	1 55	6 40	1 25	17 4	0 51	22 51	0 4	8 10	2 43	12 3	0 48	3 5	1 28	26 29	6 32	17 34	17 56	18 10	1 1	3 51
T 5	3 54	2 38	3 0	15 0	2 0	6 10	1 25	17 16	0 51	22 52	0 4	8 8	2 43	12 4	0 48	3 4	1 28	26 29	6 32	17 34	17 57	18 7	1 2	3 51
F 6	3 30	4n 6	3 59	14 35	2 4	5 41	1 25	17 27	0 52	22 53	0 4	8 7	2 43	12 5	0 48	3 3	1 28	26 29	6 33	17 36	17 58	18 5	1 4	3 51
S 7	3 7	10 30	4 41	14 9	2 8	5 11	1 24	17 39	0 52	22 53	0 3	8 6	2 43	12 6	0 48	3 2	1 28	26 28	6 33	17 38	17 59	18 2	1 5	3 50
S 8	2 43	16 11	5 4	13 41	2 11	4 41	1 24	17 51	0 52	22 54	0 3	8 4	2 43	12 7	0 48	3 2	1 28	26 28	6 33	17 40	18 0	18 0	1 6	3 50
M 9	2 19	20 52	5 9	13 12	2 14	4 11	1 23	18 2	0 53	22 55	0 3	8 3	2 44	12 7	0 48	3 1	1 28	26 28	6 33	17 41	18 0	17 57	1 8	3 50
T 10	1 56	24 20	4 57	12 41	2 17	3 41	1 23	18 14	0 53	22 55	0 3	8 2	2 44	12 8	0 48	3 0	1 28	26 28	6 34	17 43	18 1	17 54	1 9	3 50
W11	1 32	26 27	4 31	12 9	2 19	3 11	1 22	18 25	0 54	22 56	0 3	8 0	2 44	12 9	0 48	2 59	1 28	26 28	6 34	17 44	18 2	17 52	1 10	3 50
T 12	1 9	27 11	3 52	11 36	2 20	2 40	1 22	18 36	0 54	22 57	0 3	7 59	2 44	12 10	0 48	2 58	1 28	26 28	6 34	17 44	18 3	17 49	1 12	3 50
F 13	0 45	26 34	3 4	11 1	2 21	2 10	1 21	18 47	0 55	22 58	0 3	7 58	2 44	12 11	0 48	2 57	1 28	26 28	6 34	17 44	18 4	17 46	1 13	3 50
S 14	0 21	24 43	2 8	10 25	2 22	1 39	1 20	18 57	0 55	22 58	0 3	7 56	2 44	12 11	0 48	2 56	1 28	26 28	6 34	17 44	18 5	17 44	1 15	3 50
S 15	0n 2	21 49	1 8	9 47	2 22	1 9	1 19	19 8	0 55	22 59	0 2	7 55	2 44	12 12	0 48	2 55	1 28	26 28	6 35	17 43	18 6	17 41	1 16	3 50
M16	0 26	18 1	0 4	9 9	2 21	0 38	1 18	19 19	0 56	23 0	0 2	7 53	2 45	12 13	0 48	2 54	1 28	26 28	6 35	17 43	18 6	17 38	1 17	3 50
T 17	0 49	13 31	0s59	8 29	2 20	0 7	1 17	19 29	0 56	23 1	0 2	7 52	2 45	12 14	0 48	2 53	1 28	26 28	6 35	17 43	18 7	17 36	1 19	3 50
W18	1 13	8 28	2 0	7 47	2 19	0n23	1 16	19 39	0 57	23 1	0 2	7 50	2 45	12 14	0 48	2 53	1 28	26 28	6 35	17 44	18 8	17 33	1 20	3 50
T 19	1 36	3 4	2 57	7 5	2 17	0 54	1 15	19 49	0 57	23 2	0 2	7 49	2 45	12 15	0 48	2 52	1 28	26 28	6 36	17 46	18 9	17 30	1 21	3 50
F 20	2 0	2s31	3 46	6 21	2 15	1 24	1 14	19 59	0 57	23 3	0 2	7 47	2 45	12 16	0 48	2 51	1 28	26 28	6 36	17 48	18 10	17 28	1 23	3 50
S 21	2 23	8 6	4 25	5 36	2 12	1 55	1 13	20 9	0 58	23 4	0 2	7 45	2 45	12 16	0 48	2 50	1 28	26 28	6 36	17 50	18 11	17 25	1 24	3 50
S 22	2 47	13 27	4 52	4 50	2 8	2 26	1 11	20 18	0 58	23 4	0 2	7 44	2 45	12 17	0 48	2 49	1 28	26 28	6 36	17 53	18 11	17 22	1 25	3 50
M23	3 10	18 18	5 4	4 2	2 4	2 56	1 10	20 28	0 58	23 5	0 2	7 42	2 45	12 18	0 48	2 48	1 28	26 28	6 36	17 55	18 12	17 20	1 27	3 50
T 24	3 33	22 21	5 1	3 13	2 0	3 27	1 9	20 37	0 59	23 6	0 1	7 41	2 45	12 18	0 48	2 47	1 28	26 28	6 37	17 58	18 13	17 17	1 28	3 50
W25	3 57	25 19	4 41	2 24	1 55	3 57	1 7	20 46	0 59	23 7	0 1	7 39	2 45	12 19	0 48	2 46	1 28	26 28	6 37	18 0	18 14	17 14	1 30	3 50
T 26	4 20	26 52	4 5	1 33	1 49	4 27	1 6	20 55	0 59	23 8	0 1	7 38	2 45	12 20	0 48	2 45	1 28	26 28	6 37	18 1	18 15	17 12	1 31	3 50
F 27	4 43	26 49	3 15	0 41	1 43	4 58	1 4	21 4	1 0	23 8	0 1	7 36	2 46	12 20	0 48	2 45	1 28	26 28	6 37	18 2	18 16	17 9	1 32	3 50
S 28	5 6	25 6	2 13	0n12	1 37	5 28	1 2	21 13	1 0	23 9	0 1	7 34	2 46	12 21	0 48	2 44	1 28	26 28	6 38	18 2	18 16	17 6	1 34	3 50
S 29	5 29	21 47	1 2	1 6	1 30	5 58	1 1	21 21	1 0	23 10	0 1	7 33	2 46	12 21	0 48	2 43	1 28	26 28	6 38	18 2	18 17	17 4	1 35	3 50
M30	5 51	17 8	0n13	2 1	1 22	6 28	0 59	21 30	1 1	23 11	0 1	7 31	2 46	12 22	0 48	2 42	1 28	26 28	6 38	18 2	18 18	17 1	1 36	3 50
T 31	6n14	11s28	1n29	2n57	1s14	6n57	0s57	21n38	1n 1	23n11	0s 1	7s29	2n46	12n22	0n48	2s41	1s28	26s28	6s38	18s 2	18s19	16n58	1n38	3n50

Julian Day Number = 2101342.5, Delta T = 21m17s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'30, Lahiri = 10°29'31 Julian Calendar 1 March 1041 == Greg. Calendar 7 March 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

APRIL 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 59 34	16♈44'10	10♓40	12♈19	21♈12	2♊28	20♊21	25°R51	29°R42	26♓41	1♒11	9°R11	8♒ 8	12♌ 4	25♓20	W 1
T 2	13 3 31	17°42'38	25°11	14°23	22°26	3° 6	20°31	25♎46	29♌40	26°43	1°12	9♒ 5	8° 5	12°11	25°23	T 2
F 3	13 7 27	18°41'04	9♈37	16°29	23°40	3°45	20°40	25°42	29°39	26°46	1°12	8°56	8° 2	12°17	25°27	F 3
S 4	13 11 24	19°39'28	23°52	18°36	24°54	4°23	20°49	25°37	29°37	26°48	1°13	8°46	7°59	12°24	25°30	S 4
S 5	13 15 20	20°37'51	7♉49	20°43	26° 8	5° 2	20°59	25°33	29°36	26°50	1°13	8°35	7°55	12°31	25°33	S 5
M 6	13 19 17	21°36'11	21°25	22°52	27°22	5°40	21° 9	25°28	29°35	26°52	1°14	8°24	7°52	12°37	25°36	M 6
T 7	13 23 13	22°34'30	4♊37	25° 0	28°36	6°19	21°18	25°24	29°34	26°54	1°14	8°14	7°49	12°44	25°40	T 7
W 8	13 27 10	23°32'47	17°26	27° 9	29°50	6°57	21°28	25°19	29°32	26°56	1°15	8° 7	7°46	12°51	25°43	W 8
T 9	13 31 7	24°31'01	29°54	29°18	1♉ 4	7°35	21°38	25°15	29°31	26°58	1°15	8° 2	7°43	12°57	25°46	T 9
F 10	13 35 3	25°29'14	12♋ 4	1♉27	2°18	8°14	21°48	25°10	29°30	27° 0	1°16	8° 0	7°40	13° 4	25°49	F 10
S 11	13 39 0	26°27'25	24° 1	3°35	3°32	8°52	21°59	25° 6	29°29	27° 2	1°16	7°D59	7°36	13°11	25°52	S 11
S 12	13 42 56	27°25'33	5♌51	5°41	4°46	9°31	22° 9	25° 1	29°28	27° 4	1°17	7°R59	7°33	13°17	25°55	S 12
M13	13 46 53	28°23'40	17°39	7°47	6° 0	10° 9	22°19	24°56	29°27	27° 6	1°17	7°59	7°30	13°24	25°59	M13
T 14	13 50 49	29°21'44	29°30	9°51	7°14	10°47	22°30	24°52	29°26	27° 8	1°17	7°57	7°27	13°30	26° 2	T 14
W15	13 54 46	0♉19'46	11♍30	11°54	8°28	11°25	22°40	24°47	29°25	27°10	1°18	7°53	7°24	13°37	26° 5	W15
T 16	13 58 42	1°17'47	23°42	13°54	9°41	12° 4	22°51	24°43	29°24	27°12	1°18	7°47	7°20	13°44	26° 8	T 16
F 17	14 2 39	2°15'46	6♎ 9	15°52	10°55	12°42	23° 1	24°38	29°24	27°14	1°18	7°38	7°17	13°50	26°11	F 17
S 18	14 6 35	3°13'43	18°53	17°48	12° 9	13°20	23°12	24°34	29°23	27°16	1°19	7°27	7°14	13°57	26°14	S 18
S 19	14 10 32	4°11'38	1♏54	19°40	13°23	13°59	23°23	24°30	29°22	27°18	1°19	7°14	7°11	14° 4	26°17	S 19
M20	14 14 29	5° 9'32	15°12	21°30	14°37	14°37	23°34	24°25	29°22	27°20	1°19	7° 2	7° 8	14°10	26°20	M20
T 21	14 18 25	6° 7'24	28°44	23°17	15°50	15°15	23°45	24°21	29°21	27°22	1°19	6°50	7° 5	14°17	26°22	T 21
W22	14 22 22	7° 5'15	12♐27	25° 1	17° 4	15°53	23°56	24°16	29°20	27°24	1°19	6°41	7° 1	14°24	26°25	W22
T 23	14 26 18	8° 3'05	26°19	26°41	18°18	16°31	24° 7	24°12	29°20	27°26	1°19	6°34	6°58	14°30	26°28	T 23
F 24	14 30 15	9° 0'53	10♑17	28°18	19°32	17°10	24°19	24° 8	29°20	27°27	1°20	6°30	6°55	14°37	26°31	F 24
S 25	14 34 11	9°58'40	24°20	29°52	20°45	17°48	24°30	24° 3	29°19	27°29	1°20	6°29	6°52	14°44	26°34	S 25
S 26	14 38 8	10°56'26	8♒25	1♊22	21°59	18°26	24°42	23°59	29°19	27°31	1°20	6°29	6°49	14°50	26°37	S 26
M27	14 42 5	11°54'11	22°33	2°48	23°13	19° 4	24°53	23°55	29°19	27°33	1°R20	6°28	6°46	14°57	26°39	M27
T 28	14 46 1	12°51'54	6♓42	4°11	24°26	19°42	25° 5	23°51	29°18	27°34	1°20	6°27	6°42	15° 3	26°42	T 28
W29	14 49 58	13°49'37	20°50	5°31	25°40	20°20	25°16	23°47	29°18	27°36	1°20	6°23	6°39	15°10	26°45	W29
T 30	14 53 54	14♉47'18	4♈56	6♊46	26♉54	20♊59	25♊28	23♎43	29♌18	27♓38	1♒19	6♒17	6♒36	15♌17	26♓47	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n37	5s 9	2n39	3n53	1s 6	7n27	0s56	21n46	1n 1	23n12	0s 0	7s28	2n46	12n23	0n48	2s40	1s28	26s28	6s39	18s 3	18s20	16n56	1n39	3n50
T 2	6 59	1n25	3 39	4 50	0 57	7 57	0 54	21 54	1 1	23 13	0 0	7 26	2 46	12 23	0 48	2 39	1 28	26 29	6 39	18 5	18 21	16 53	1 40	3 50
F 3	7 22	7 52	4 24	5 47	0 48	8 26	0 52	22 1	1 2	23 14	0 0	7 24	2 46	12 24	0 48	2 39	1 28	26 29	6 39	18 7	18 21	16 50	1 42	3 50
S 4	7 44	13 49	4 52	6 44	0 38	8 55	0 50	22 9	1 2	23 15	0 0	7 23	2 46	12 24	0 48	2 38	1 28	26 29	6 39	18 10	18 22	16 47	1 43	3 50
S 5	8 6	18 56	5 2	7 42	0 28	9 24	0 48	22 16	1 2	23 15	0 0	7 21	2 46	12 25	0 48	2 37	1 28	26 29	6 40	18 13	18 23	16 45	1 44	3 50
M 6	8 28	22 56	4 54	8 40	0 18	9 52	0 46	22 23	1 3	23 16	0n 0	7 19	2 46	12 25	0 48	2 36	1 28	26 29	6 40	18 16	18 24	16 42	1 46	3 50
T 7	8 50	25 37	4 31	9 37	0 7	10 21	0 44	22 30	1 3	23 17	0 0	7 18	2 46	12 26	0 47	2 35	1 28	26 29	6 40	18 18	18 25	16 39	1 47	3 50
W 8	9 11	26 52	3 55	10 34	0n 3	10 49	0 42	22 37	1 3	23 18	0 0	7 16	2 46	12 26	0 47	2 35	1 28	26 29	6 40	18 20	18 25	16 36	1 48	3 50
T 9	9 33	26 41	3 8	11 30	0 14	11 17	0 40	22 44	1 3	23 18	0 0	7 15	2 46	12 26	0 47	2 34	1 28	26 29	6 41	18 21	18 26	16 34	1 50	3 50
F 10	9 54	25 13	2 13	12 26	0 25	11 45	0 38	22 50	1 4	23 19	0 0	7 13	2 46	12 27	0 47	2 33	1 29	26 29	6 41	18 22	18 27	16 31	1 51	3 50
S 11	10 16	22 37	1 13	13 20	0 36	12 12	0 36	22 57	1 4	23 20	0 1	7 11	2 46	12 27	0 47	2 32	1 29	26 30	6 41	18 22	18 28	16 28	1 52	3 50
S 12	10 37	19 5	0 11	14 13	0 46	12 39	0 34	23 3	1 4	23 21	0 1	7 10	2 46	12 27	0 47	2 31	1 29	26 30	6 41	18 22	18 29	16 26	1 54	3 51
M13	10 58	14 49	0s51	15 4	0 56	13 6	0 31	23 9	1 4	23 21	0 1	7 8	2 46	12 28	0 47	2 31	1 29	26 30	6 42	18 22	18 30	16 23	1 55	3 51
T 14	11 18	9 58	1 52	15 54	1 7	13 32	0 29	23 15	1 5	23 22	0 1	7 6	2 46	12 28	0 47	2 30	1 29	26 30	6 42	18 23	18 30	16 20	1 56	3 51
W15	11 39	4 42	2 48	16 42	1 16	13 58	0 27	23 20	1 5	23 23	0 1	7 5	2 46	12 28	0 47	2 29	1 29	26 30	6 42	18 23	18 31	16 17	1 58	3 51
T 16	11 59	0s48	3 37	17 27	1 26	14 24	0 25	23 26	1 5	23 23	0 1	7 3	2 46	12 29	0 47	2 28	1 29	26 30	6 42	18 25	18 32	16 15	1 59	3 51
F 17	12 19	6 23	4 17	18 11	1 35	14 50	0 22	23 31	1 5	23 24	0 1	7 2	2 46	12 29	0 47	2 28	1 29	26 31	6 43	18 27	18 33	16 12	2 0	3 51
S 18	12 39	11 49	4 45	18 52	1 43	15 15	0 20	23 36	1 5	23 25	0 1	7 0	2 46	12 29	0 47	2 27	1 29	26 31	6 43	18 30	18 34	16 9	2 1	3 51
S 19	12 59	16 52	4 59	19 31	1 51	15 40	0 18	23 41	1 6	23 25	0 1	6 58	2 46	12 29	0 47	2 26	1 29	26 31	6 43	18 34	18 34	16 6	2 3	3 51
M20	13 19	21 13	4 57	20 8	1 58	16 4	0 15	23 46	1 6	23 26	0 2	6 57	2 46	12 29	0 47	2 25	1 29	26 31	6 43	18 37	18 35	16 3	2 4	3 51
T 21	13 38	24 31	4 39	20 41	2 4	16 28	0 13	23 50	1 6	23 27	0 2	6 55	2 45	12 30	0 47	2 25	1 29	26 31	6 44	18 40	18 36	16 1	2 5	3 51
W22	13 57	26 27	4 4	21 13	2 10	16 51	0 10	23 55	1 6	23 27	0 2	6 54	2 45	12 30	0 47	2 24	1 29	26 32	6 44	18 42	18 37	15 58	2 6	3 51
T 23	14 16	26 46	3 15	21 42	2 14	17 14	0 8	23 59	1 6	23 28	0 2	6 52	2 45	12 30	0 47	2 23	1 29	26 32	6 44	18 44	18 38	15 55	2 7	3 51
F 24	14 35	25 23	2 14	22 8	2 19	17 37	0 6	24 3	1 7	23 28	0 2	6 51	2 45	12 30	0 47	2 23	1 29	26 32	6 44	18 45	18 38	15 52	2 9	3 51
S 25	14 53	22 25	1 4	22 32	2 22	17 59	0 3	24 7	1 7	23 29	0 2	6 49	2 45	12 30	0 47	2 22	1 29	26 32	6 45	18 45	18 39	15 50	2 10	3 51
S 26	15 11	18 5	0n10	22 54	2 24	18 21	0 1	24 10	1 7	23 30	0 2	6 48	2 45	12 30	0 47	2 21	1 29	26 33	6 45	18 45	18 40	15 47	2 11	3 52
M27	15 29	12 45	1 24	23 13	2 26	18 42	0n 2	24 14	1 7	23 30	0 2	6 46	2 45	12 30	0 47	2 21	1 29	26 33	6 45	18 45	18 41	15 44	2 12	3 52
T 28	15 47	6 44	2 33	23 30	2 27	19 3	0 4	24 17	1 7	23 31	0 2	6 45	2 45	12 30	0 47	2 20	1 29	26 33	6 46	18 46	18 42	15 41	2 13	3 52
W29	16 4	0 25	3 32	23 44	2 27	19 23	0 7	24 20	1 7	23 31	0 2	6 44	2 45	12 30	0 47	2 19	1 29	26 33	6 46	18 46	18 42	15 38	2 14	3 52
T 30	16n22	5n54	4n18	23n57	2n26	19n43	0n 9	24n23	1n 8	23n32	0n 3	6s42	2n45	12n30	0n47	2s19	1s29	26s34	6s46	18s48	18s43	15n36	2n16	3n52

Julian Day Number = 2101373.5, Delta T = 21m17s
Ecliptic obliquity = 23°33'55, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'35, Lahiri = 10°29'35 Julian Calendar 1 Apr. 1041 == Greg. Calendar 7 Apr. 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

MAY 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 57 51	15♉44'58	18♈56	7♊58	28♉ 7	21♊37	25♊40	23°R39	29°D18	27♓40	1°R19	6°R 8	6♒33	15♌23	26♓50	F 1
S 2	15 1 47	16°42'37	2♉46	9° 6	29°21	22°15	25°52	23♎35	29♌18	27°41	1♒19	5♒57	6°30	15°30	26°52	S 2
S 3	15 5 44	17°40'15	16°22	10°10	0♊35	22°53	26° 3	23°31	29°18	27°43	1°19	5°45	6°26	15°37	26°55	S 3
M 4	15 9 40	18°37'52	29°42	11°11	1°48	23°31	26°15	23°27	29°18	27°44	1°19	5°33	6°23	15°43	26°57	M 4
T 5	15 13 37	19°35'27	12♊43	12° 7	3° 2	24° 9	26°27	23°23	29°19	27°46	1°19	5°23	6°20	15°50	27° 0	T 5
W 6	15 17 33	20°33'02	25°25	12°59	4°15	24°47	26°40	23°19	29°19	27°47	1°18	5°15	6°17	15°57	27° 2	W 6
T 7	15 21 30	21°30'34	7♋49	13°47	5°29	25°25	26°52	23°15	29°19	27°49	1°18	5° 9	6°14	16° 3	27° 4	T 7
F 8	15 25 27	22°28'06	19°57	14°31	6°42	26° 3	27° 4	23°12	29°19	27°51	1°18	5° 6	6°11	16°10	27° 7	F 8
S 9	15 29 23	23°25'36	1♌54	15°10	7°56	26°41	27°16	23° 8	29°20	27°52	1°18	5°D 5	6° 7	16°17	27° 9	S 9
S 10	15 33 20	24°23'05	13°44	15°46	9° 9	27°20	27°28	23° 5	29°20	27°53	1°17	5° 5	6° 4	16°23	27°11	S 10
M11	15 37 16	25°20'32	25°33	16°16	10°23	27°58	27°41	23° 1	29°21	27°55	1°17	5°R 6	6° 1	16°30	27°13	M11
T 12	15 41 13	26°17'58	7♍25	16°42	11°36	28°36	27°53	22°58	29°21	27°56	1°16	5° 5	5°58	16°37	27°16	T 12
W13	15 45 9	27°15'23	19°27	17° 4	12°50	29°14	28° 6	22°54	29°22	27°58	1°16	5° 3	5°55	16°43	27°18	W13
T 14	15 49 6	28°12'46	1♎42	17°21	14° 3	29°52	28°18	22°51	29°23	27°59	1°16	4°58	5°52	16°50	27°20	T 14
F 15	15 53 2	29°10'09	14°15	17°34	15°16	0♋30	28°31	22°48	29°23	28° 0	1°15	4°51	5°48	16°56	27°22	F 15
S 16	15 56 59	0♊ 7'30	27° 9	17°41	16°30	1° 8	28°43	22°45	29°24	28° 2	1°15	4°43	5°45	17° 3	27°24	S 16
S 17	16 0 56	1° 4'50	10♏25	17°R45	17°43	1°46	28°56	22°42	29°25	28° 3	1°14	4°33	5°42	17°10	27°26	S 17
M18	16 4 52	2° 2'10	24° 1	17°43	18°56	2°24	29° 9	22°39	29°26	28° 4	1°14	4°22	5°39	17°16	27°28	M18
T 19	16 8 49	2°59'28	7♐56	17°38	20°10	3° 2	29°21	22°36	29°27	28° 5	1°13	4°13	5°36	17°23	27°30	T 19
W20	16 12 45	3°56'46	22° 4	17°28	21°23	3°40	29°34	22°33	29°28	28° 6	1°12	4° 5	5°32	17°30	27°31	W20
T 21	16 16 42	4°54'04	6♑21	17°13	22°36	4°18	29°47	22°30	29°29	28° 8	1°12	4° 0	5°29	17°36	27°33	T 21
F 22	16 20 38	5°51'20	20°42	16°55	23°50	4°56	29°59	22°27	29°30	28° 9	1°11	3°57	5°26	17°43	27°35	F 22
S 23	16 24 35	6°48'36	5♒ 3	16°34	25° 3	5°33	0♋13	22°25	29°31	28°10	1°11	3°D57	5°23	17°50	27°37	S 23
S 24	16 28 32	7°45'52	19°21	16° 9	26°16	6°11	0°26	22°22	29°32	28°11	1°10	3°57	5°20	17°56	27°38	S 24
M25	16 32 28	8°43'07	3♓32	15°41	27°29	6°49	0°39	22°20	29°33	28°12	1° 9	3°R58	5°17	18° 3	27°40	M25
T 26	16 36 25	9°40'22	17°37	15°11	28°42	7°27	0°52	22°18	29°34	28°13	1° 8	3°58	5°13	18°10	27°41	T 26
W27	16 40 21	10°37'37	1♈33	14°39	29°56	8° 5	1° 5	22°15	29°36	28°14	1° 8	3°56	5°10	18°16	27°43	W27
T 28	16 44 18	11°34'51	15°20	14° 6	1♋ 9	8°43	1°18	22°13	29°37	28°15	1° 7	3°52	5° 7	18°23	27°44	T 28
F 29	16 48 14	12°32'05	28°56	13°32	2°22	9°21	1°31	22°11	29°38	28°16	1° 6	3°46	5° 4	18°30	27°46	F 29
S 30	16 52 11	13°29'19	12♉22	12°58	3°35	9°59	1°44	22° 9	29°40	28°17	1° 5	3°38	5° 1	18°36	27°47	S 30
S 31	16 56 7	14♊26'33	25♉34	12♊24	4♋48	10♋37	1♋57	22♎ 7	29♌41	28♓18	1♒ 5	3♒30	4♒58	18♌43	27♓48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n38	11n53	4n48	24n 7	2n24	20n 2	0n12	24n26	1n 8	23n32	0n 3	6s41	2n44	12n30	0n47	2s18	1s29	26s34	6s46	18s50	18s44	15n33	2n17	3n52
S 2	16 55	17 11	5 0	24 15	2 21	20 21	0 14	24 28	1 8	23 33	0 3	6 39	2 44	12 30	0 47	2 17	1 29	26 34	6 47	18 53	18 45	15 30	2 18	3 52
S 3	17 11	21 32	4 56	24 21	2 17	20 39	0 16	24 30	1 8	23 33	0 3	6 38	2 44	12 30	0 46	2 17	1 29	26 34	6 47	18 56	18 46	15 27	2 19	3 52
M 4	17 28	24 40	4 35	24 25	2 13	20 56	0 19	24 32	1 8	23 34	0 3	6 37	2 44	12 30	0 46	2 16	1 29	26 35	6 47	18 59	18 46	15 24	2 20	3 52
T 5	17 43	26 25	4 0	24 28	2 7	21 13	0 21	24 34	1 8	23 34	0 3	6 36	2 44	12 30	0 46	2 16	1 29	26 35	6 47	19 1	18 47	15 22	2 21	3 52
W 6	17 59	26 43	3 14	24 28	2 1	21 30	0 24	24 36	1 9	23 34	0 3	6 34	2 44	12 30	0 46	2 15	1 30	26 35	6 48	19 3	18 48	15 19	2 22	3 53
T 7	18 14	25 39	2 20	24 27	1 54	21 46	0 26	24 38	1 9	23 35	0 3	6 33	2 44	12 30	0 46	2 14	1 30	26 36	6 48	19 5	18 49	15 16	2 23	3 53
F 8	18 29	23 23	1 20	24 24	1 45	22 1	0 29	24 39	1 9	23 35	0 3	6 32	2 43	12 29	0 46	2 14	1 30	26 36	6 48	19 5	18 50	15 13	2 24	3 53
S 9	18 44	20 7	0 17	24 20	1 36	22 15	0 31	24 40	1 9	23 36	0 3	6 31	2 43	12 29	0 46	2 13	1 30	26 36	6 48	19 6	18 50	15 10	2 25	3 53
S 10	18 58	16 3	0s46	24 14	1 26	22 29	0 33	24 41	1 9	23 36	0 4	6 29	2 43	12 29	0 46	2 13	1 30	26 37	6 49	19 6	18 51	15 8	2 26	3 53
M11	19 12	11 24	1 47	24 6	1 15	22 43	0 36	24 42	1 9	23 36	0 4	6 28	2 43	12 29	0 46	2 12	1 30	26 37	6 49	19 6	18 52	15 5	2 27	3 53
T 12	19 26	6 18	2 43	23 57	1 4	22 55	0 38	24 43	1 9	23 37	0 4	6 27	2 43	12 29	0 46	2 12	1 30	26 37	6 49	19 6	18 53	15 2	2 28	3 53
W13	19 39	0 56	3 33	23 47	0 51	23 7	0 40	24 43	1 9	23 37	0 4	6 26	2 43	12 28	0 46	2 11	1 30	26 38	6 49	19 6	18 54	14 59	2 29	3 53
T 14	19 52	4s34	4 15	23 36	0 38	23 19	0 43	24 43	1 9	23 37	0 4	6 25	2 42	12 28	0 46	2 11	1 30	26 38	6 50	19 7	18 54	14 56	2 30	3 54
F 15	20 5	10 1	4 45	23 23	0 24	23 30	0 45	24 43	1 10	23 37	0 4	6 24	2 42	12 28	0 46	2 10	1 30	26 38	6 50	19 9	18 55	14 53	2 31	3 54
S 16	20 17	15 11	5 1	23 9	0 9	23 40	0 47	24 43	1 10	23 38	0 4	6 23	2 42	12 28	0 46	2 10	1 30	26 39	6 50	19 11	18 56	14 51	2 32	3 54
S 17	20 29	19 48	5 2	22 54	0s 6	23 49	0 49	24 43	1 10	23 38	0 4	6 22	2 42	12 27	0 46	2 9	1 30	26 39	6 50	19 14	18 57	14 48	2 33	3 54
M18	20 41	23 30	4 46	22 38	0 22	23 58	0 52	24 42	1 10	23 38	0 4	6 21	2 42	12 27	0 46	2 9	1 30	26 39	6 50	19 16	18 57	14 45	2 34	3 54
T 19	20 52	25 55	4 13	22 21	0 38	24 6	0 54	24 42	1 10	23 38	0 4	6 20	2 41	12 27	0 46	2 8	1 30	26 40	6 51	19 18	18 58	14 42	2 35	3 54
W20	21 3	26 44	3 24	22 4	0 55	24 13	0 56	24 41	1 10	23 38	0 4	6 20	2 41	12 26	0 46	2 8	1 30	26 40	6 51	19 20	18 59	14 39	2 35	3 54
T 21	21 14	25 47	2 22	21 46	1 12	24 19	0 58	24 40	1 10	23 38	0 5	6 19	2 41	12 26	0 46	2 8	1 30	26 40	6 51	19 21	19 0	14 36	2 36	3 54
F 22	21 24	23 7	1 10	21 27	1 29	24 25	1 0	24 39	1 10	23 39	0 5	6 18	2 41	12 25	0 46	2 7	1 30	26 41	6 51	19 22	19 1	14 34	2 37	3 55
S 23	21 34	19 0	0n 6	21 8	1 46	24 30	1 2	24 37	1 10	23 39	0 5	6 17	2 41	12 25	0 46	2 7	1 30	26 41	6 52	19 22	19 1	14 31	2 38	3 55
S 24	21 43	13 48	1 22	20 49	2 3	24 35	1 4	24 35	1 10	23 39	0 5	6 16	2 40	12 24	0 46	2 6	1 30	26 42	6 52	19 22	19 2	14 28	2 39	3 55
M25	21 52	7 54	2 32	20 29	2 19	24 39	1 6	24 34	1 10	23 39	0 5	6 16	2 40	12 24	0 46	2 6	1 30	26 42	6 52	19 22	19 3	14 25	2 39	3 55
T 26	22 1	1 40	3 32	20 10	2 35	24 42	1 8	24 32	1 10	23 39	0 5	6 15	2 40	12 23	0 46	2 6	1 31	26 42	6 52	19 22	19 4	14 22	2 40	3 55
W27	22 9	4n35	4 19	19 51	2 51	24 44	1 10	24 29	1 11	23 39	0 5	6 14	2 40	12 23	0 46	2 5	1 31	26 43	6 53	19 22	19 4	14 19	2 41	3 55
T 28	22 17	10 32	4 51	19 32	3 6	24 45	1 12	24 27	1 11	23 39	0 5	6 14	2 39	12 22	0 45	2 5	1 31	26 43	6 53	19 23	19 5	14 16	2 42	3 55
F 29	22 25	15 54	5 6	19 15	3 19	24 46	1 14	24 24	1 11	23 39	0 5	6 13	2 39	12 22	0 45	2 5	1 31	26 43	6 53	19 25	19 6	14 13	2 42	3 56
S 30	22 32	20 26	5 3	18 58	3 32	24 46	1 15	24 22	1 11	23 39	0 5	6 13	2 39	12 21	0 45	2 4	1 31	26 44	6 53	19 26	19 7	14 11	2 43	3 56
S 31	22n39	23n51	4n45	18n42	3s44	24n45	1n17	24n19	1n11	23n39	0n 6	6s12	2n39	12n21	0n45	2s 4	1s31	26s44	6s53	19s28	19s 8	14n 8	2n44	3n56

Julian Day Number = 2101403.5, Delta T = 21m17s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'39, Lahiri = 10°29'39 Julian Calendar 1 May 1041 == Greg. Calendar 7 May 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

JUNE 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	17 0 4	15♊23'47	8♊32	11°R51	6♋ 1	11♋15	2♋10	22°R 5	29♌43	28♓18	1°R 4	3°R22	4♒54	18♌50	27♓50	M 1
T 2	17 4 1	16°21'00	21°15	11♊20	7°15	11°53	2°23	22♎ 4	29°45	28°19	1♒ 3	3♒15	4°51	18°56	27°51	T 2
W 3	17 7 57	17°18'13	3♋44	10°50	8°28	12°31	2°37	22° 2	29°46	28°20	1° 2	3° 9	4°48	19° 3	27°52	W 3
T 4	17 11 54	18°15'25	15°58	10°23	9°41	13° 9	2°50	22° 0	29°48	28°21	1° 1	3° 6	4°45	19° 9	27°53	T 4
F 5	17 15 50	19°12'37	28° 1	10° 0	10°54	13°47	3° 3	21°59	29°50	28°21	1° 0	3°D 4	4°42	19°16	27°54	F 5
S 6	17 19 47	20° 9'48	9♌55	9°39	12° 7	14°25	3°16	21°58	29°52	28°22	0°59	3° 4	4°38	19°23	27°55	S 6
S 7	17 23 43	21° 6'59	21°44	9°23	13°20	15° 2	3°30	21°56	29°53	28°23	0°58	3° 5	4°35	19°29	27°56	S 7
M 8	17 27 40	22° 4'10	3♍32	9°10	14°33	15°40	3°43	21°55	29°55	28°23	0°57	3° 7	4°32	19°36	27°57	M 8
T 9	17 31 36	23° 1'20	15°25	9° 2	15°46	16°18	3°56	21°54	29°57	28°24	0°56	3° 8	4°29	19°43	27°58	T 9
W10	17 35 33	23°58'30	27°26	8°D58	16°59	16°56	4°10	21°53	29°59	28°24	0°55	3°R 8	4°26	19°49	27°59	W10
T 11	17 39 30	24°55'39	9♎42	9° 0	18°12	17°34	4°23	21°52	0♍ 1	28°25	0°54	3° 7	4°23	19°56	28° 0	T 11
F 12	17 43 26	25°52'48	22°16	9° 6	19°25	18°12	4°36	21°51	0° 3	28°25	0°53	3° 4	4°19	20° 3	28° 0	F 12
S 13	17 47 23	26°49'57	5♏13	9°17	20°37	18°50	4°50	21°51	0° 6	28°26	0°52	3° 0	4°16	20° 9	28° 1	S 13
S 14	17 51 19	27°47'06	18°34	9°33	21°50	19°28	5° 3	21°50	0° 8	28°26	0°51	2°55	4°13	20°16	28° 2	S 14
M15	17 55 16	28°44'14	2♐20	9°54	23° 3	20° 6	5°17	21°49	0°10	28°27	0°50	2°50	4°10	20°23	28° 2	M15
T 16	17 59 12	29°41'23	16°29	10°20	24°16	20°44	5°30	21°49	0°12	28°27	0°49	2°45	4° 7	20°29	28° 3	T 16
W17	18 3 9	0♋38'32	0♑56	10°51	25°29	21°21	5°43	21°49	0°14	28°27	0°48	2°41	4° 4	20°36	28° 3	W17
T 18	18 7 6	1°35'41	15°36	11°27	26°42	21°59	5°57	21°49	0°17	28°28	0°46	2°39	4° 0	20°43	28° 4	T 18
F 19	18 11 2	2°32'50	0♒22	12° 7	27°54	22°37	6°10	21°48	0°19	28°28	0°45	2°D38	3°57	20°49	28° 4	F 19
S 20	18 14 59	3°29'59	15° 7	12°53	29° 7	23°15	6°24	21°D48	0°22	28°28	0°44	2°38	3°54	20°56	28° 4	S 20
S 21	18 18 55	4°27'09	29°44	13°44	0♌20	23°53	6°37	21°48	0°24	28°28	0°43	2°40	3°51	21° 3	28° 4	S 21
M22	18 22 52	5°24'19	14♓10	14°40	1°32	24°31	6°51	21°49	0°27	28°28	0°42	2°41	3°48	21° 9	28° 5	M22
T 23	18 26 48	6°21'30	28°20	15°40	2°45	25° 9	7° 4	21°49	0°29	28°28	0°41	2°42	3°44	21°16	28° 5	T 23
W24	18 30 45	7°18'41	12♈15	16°45	3°58	25°47	7°17	21°49	0°32	28°28	0°39	2°R42	3°41	21°23	28° 5	W24
T 25	18 34 41	8°15'53	25°53	17°54	5°10	26°25	7°31	21°50	0°34	28°29	0°38	2°41	3°38	21°29	28°R 5	T 25
F 26	18 38 38	9°13'06	9♉14	19° 8	6°23	27° 3	7°44	21°50	0°37	28°R29	0°37	2°39	3°35	21°36	28° 5	F 26
S 27	18 42 35	10°10'20	22°20	20°27	7°35	27°40	7°58	21°51	0°40	28°29	0°36	2°36	3°32	21°42	28° 5	S 27
S 28	18 46 31	11° 7'34	5♊11	21°50	8°48	28°18	8°11	21°52	0°42	28°29	0°34	2°33	3°29	21°49	28° 5	S 28
M29	18 50 28	12° 4'49	17°48	23°17	10° 0	28°56	8°25	21°53	0°45	28°28	0°33	2°30	3°25	21°56	28° 5	M29
T 30	18 54 24	13♋ 2'05	0♋13	24♊48	11♌13	29♋34	8♋38	21♎54	0♍48	28♓28	0♒32	2♒27	3♒22	22♌ 2	28♓ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n46	25n59	4n12	18n27	3s54	24n44	1n19	24n16	1n11	23n38	0n 6	6s12	2n39	12n20	0n45	2s 4	1s31	26s45	6s54	19s30	19s 8	14n 5	2n44	3n56
T 2	22 52	26 42	3 26	18 14	4 4	24 42	1 20	24 12	1 11	23 38	0 6	6 11	2 38	12 20	0 45	2 4	1 31	26 45	6 54	19 32	19 9	14 2	2 45	3 56
W 3	22 57	26 3	2 32	18 2	4 11	24 39	1 22	24 9	1 11	23 38	0 6	6 11	2 38	12 19	0 45	2 3	1 31	26 45	6 54	19 33	19 10	13 59	2 46	3 56
T 4	23 3	24 7	1 31	17 52	4 18	24 35	1 23	24 5	1 11	23 38	0 6	6 11	2 38	12 18	0 45	2 3	1 31	26 46	6 54	19 34	19 11	13 56	2 46	3 57
F 5	23 7	21 7	0 27	17 44	4 23	24 31	1 25	24 1	1 11	23 38	0 6	6 10	2 38	12 18	0 45	2 3	1 31	26 46	6 54	19 34	19 11	13 53	2 47	3 57
S 6	23 12	17 16	0s37	17 38	4 26	24 26	1 26	23 57	1 11	23 38	0 6	6 10	2 37	12 17	0 45	2 3	1 31	26 47	6 55	19 34	19 12	13 50	2 47	3 57
S 7	23 16	12 46	1 40	17 33	4 28	24 20	1 27	23 53	1 11	23 37	0 6	6 10	2 37	12 16	0 45	2 2	1 31	26 47	6 55	19 34	19 13	13 48	2 48	3 57
M 8	23 20	7 48	2 38	17 31	4 29	24 14	1 28	23 49	1 11	23 37	0 6	6 10	2 37	12 16	0 45	2 2	1 31	26 47	6 55	19 34	19 14	13 45	2 48	3 57
T 9	23 23	2 33	3 30	17 30	4 28	24 7	1 30	23 44	1 11	23 37	0 6	6 9	2 36	12 15	0 45	2 2	1 31	26 48	6 55	19 34	19 14	13 42	2 49	3 57
W10	23 26	2s51	4 13	17 32	4 26	23 59	1 31	23 40	1 11	23 36	0 6	6 9	2 36	12 14	0 45	2 2	1 31	26 48	6 55	19 34	19 15	13 39	2 49	3 58
T 11	23 28	8 14	4 46	17 35	4 23	23 50	1 32	23 35	1 11	23 36	0 7	6 9	2 36	12 13	0 45	2 2	1 31	26 49	6 56	19 34	19 16	13 36	2 50	3 58
F 12	23 30	13 26	5 6	17 40	4 18	23 41	1 33	23 30	1 11	23 36	0 7	6 9	2 36	12 13	0 45	2 2	1 31	26 49	6 56	19 34	19 17	13 33	2 50	3 58
S 13	23 32	18 12	5 11	17 47	4 13	23 31	1 34	23 24	1 11	23 35	0 7	6 9	2 35	12 12	0 45	2 2	1 32	26 50	6 56	19 35	19 18	13 30	2 51	3 58
S 14	23 33	22 14	5 0	17 56	4 6	23 20	1 35	23 19	1 11	23 35	0 7	6 9	2 35	12 11	0 45	2 1	1 32	26 50	6 56	19 37	19 18	13 27	2 51	3 58
M15	23 34	25 10	4 32	18 7	3 59	23 9	1 35	23 13	1 11	23 34	0 7	6 9	2 35	12 10	0 45	2 1	1 32	26 50	6 56	19 38	19 19	13 24	2 51	3 58
T 16	23 34	26 37	3 46	18 19	3 50	22 57	1 36	23 8	1 11	23 34	0 7	6 9	2 35	12 9	0 45	2 1	1 32	26 51	6 56	19 39	19 20	13 21	2 52	3 59
W17	23 34	26 18	2 45	18 32	3 41	22 44	1 37	23 2	1 11	23 34	0 7	6 9	2 34	12 9	0 45	2 1	1 32	26 51	6 57	19 40	19 21	13 18	2 52	3 59
T 18	23 33	24 10	1 32	18 47	3 31	22 31	1 37	22 56	1 11	23 33	0 7	6 10	2 34	12 8	0 45	2 1	1 32	26 52	6 57	19 40	19 21	13 16	2 52	3 59
F 19	23 32	20 23	0 12	19 3	3 21	22 17	1 38	22 49	1 11	23 33	0 7	6 10	2 34	12 7	0 45	2 1	1 32	26 52	6 57	19 40	19 22	13 13	2 53	3 59
S 20	23 31	15 18	1n 8	19 20	3 10	22 3	1 38	22 43	1 11	23 32	0 7	6 10	2 34	12 6	0 45	2 1	1 32	26 53	6 57	19 40	19 23	13 10	2 53	3 59
S 21	23 29	9 23	2 23	19 37	2 58	21 48	1 39	22 37	1 11	23 31	0 8	6 10	2 33	12 5	0 45	2 1	1 32	26 53	6 57	19 40	19 24	13 7	2 53	3 59
M22	23 27	3 3	3 29	19 56	2 46	21 32	1 39	22 30	1 11	23 31	0 8	6 11	2 33	12 4	0 45	2 1	1 32	26 53	6 57	19 40	19 24	13 4	2 53	3 59
T 23	23 25	3n18	4 20	20 15	2 33	21 15	1 39	22 23	1 11	23 30	0 8	6 11	2 33	12 3	0 45	2 1	1 32	26 54	6 58	19 40	19 25	13 1	2 54	4 0
W24	23 22	9 23	4 55	20 34	2 20	20 58	1 39	22 16	1 11	23 30	0 8	6 11	2 33	12 2	0 45	2 1	1 32	26 54	6 58	19 40	19 26	12 58	2 54	4 0
T 25	23 18	14 53	5 12	20 54	2 7	20 41	1 39	22 9	1 11	23 29	0 8	6 12	2 32	12 1	0 44	2 1	1 32	26 55	6 58	19 40	19 27	12 55	2 54	4 0
F 26	23 15	19 34	5 12	21 13	1 54	20 23	1 39	22 1	1 11	23 28	0 8	6 12	2 32	12 0	0 44	2 1	1 32	26 55	6 58	19 40	19 27	12 52	2 54	4 0
S 27	23 10	23 13	4 56	21 33	1 41	20 4	1 39	21 54	1 11	23 28	0 8	6 13	2 32	11 59	0 44	2 1	1 32	26 56	6 58	19 41	19 28	12 49	2 54	4 0
S 28	23 6	25 37	4 25	21 52	1 27	19 45	1 39	21 46	1 11	23 27	0 8	6 13	2 31	11 58	0 44	2 1	1 32	26 56	6 58	19 42	19 29	12 46	2 54	4 0
M29	23 1	26 41	3 42	22 10	1 13	19 25	1 39	21 38	1 11	23 26	0 8	6 14	2 31	11 57	0 44	2 1	1 32	26 56	6 59	19 42	19 30	12 43	2 54	4 1
T 30	22n55	26n22	2n48	22n28	1s 0	19n 5	1n39	21n30	1n11	23n25	0n 8	6s14	2n31	11n56	0n44	2s 1	1s33	26s57	6s59	19s43	19s30	12n40	2n55	4n 1

Julian Day Number = 2101434.5, Delta T = 21m16s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'43, Lahiri = 10°29'43 Julian Calendar 1 June 1041 == Greg. Calendar 7 June 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

JULY 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 58 21	13♋59'21	12♋27	26♊24	12♌25	0♌12	8♋51	21♎55	0♍51	28°R28	0°R30	2°R25	3♒19	22♌ 9	28°R 4	W 1
T 2	19 2 17	14°56'38	24°30	28° 3	13°38	0°50	9° 5	21°56	0°54	28♓28	0♒29	2♒24	3°16	22°16	28♓ 4	T 2
F 3	19 6 14	15°53'56	6♌26	29°46	14°50	1°28	9°18	21°57	0°56	28°28	0°28	2°D24	3°13	22°22	28° 3	F 3
S 4	19 10 10	16°51'14	18°17	1♋32	16° 3	2° 6	9°32	21°58	0°59	28°28	0°27	2°25	3°10	22°29	28° 3	S 4
S 5	19 14 7	17°48'32	0♍ 4	3°22	17°15	2°44	9°45	22° 0	1° 2	28°27	0°25	2°26	3° 6	22°36	28° 3	S 5
M 6	19 18 4	18°45'51	11°52	5°15	18°27	3°22	9°58	22° 1	1° 5	28°27	0°24	2°27	3° 3	22°42	28° 2	M 6
T 7	19 22 0	19°43'11	23°45	7°10	19°40	4° 0	10°12	22° 3	1° 8	28°27	0°23	2°28	3° 0	22°49	28° 1	T 7
W 8	19 25 57	20°40'31	5♎46	9° 8	20°52	4°38	10°25	22° 5	1°11	28°26	0°21	2°29	2°57	22°56	28° 1	W 8
T 9	19 29 53	21°37'51	18° 0	11° 8	22° 4	5°16	10°38	22° 6	1°15	28°26	0°20	2°R29	2°54	23° 2	28° 0	T 9
F 10	19 33 50	22°35'13	0♏32	13° 9	23°16	5°54	10°52	22° 8	1°18	28°25	0°18	2°29	2°50	23° 9	27°59	F 10
S 11	19 37 46	23°32'35	13°25	15°12	24°28	6°32	11° 5	22°10	1°21	28°25	0°17	2°29	2°47	23°16	27°59	S 11
S 12	19 41 43	24°29'57	26°44	17°16	25°41	7°10	11°18	22°12	1°24	28°24	0°16	2°28	2°44	23°22	27°58	S 12
M13	19 45 39	25°27'21	10♐29	19°21	26°53	7°48	11°31	22°15	1°27	28°24	0°14	2°27	2°41	23°29	27°57	M13
T 14	19 49 36	26°24'45	24°40	21°26	28° 5	8°26	11°45	22°17	1°30	28°23	0°13	2°27	2°38	23°36	27°56	T 14
W15	19 53 33	27°22'10	9♑15	23°31	29°17	9° 4	11°58	22°19	1°34	28°23	0°12	2°26	2°35	23°42	27°55	W15
T 16	19 57 29	28°19'36	24° 7	25°36	0♍29	9°42	12°11	22°22	1°37	28°22	0°10	2°26	2°31	23°49	27°54	T 16
F 17	20 1 26	29°17'02	9♒11	27°40	1°41	10°20	12°24	22°24	1°40	28°22	0° 9	2°D26	2°28	23°56	27°53	F 17
S 18	20 5 22	0♌14'30	24°16	29°44	2°52	10°58	12°37	22°27	1°44	28°21	0° 8	2°26	2°25	24° 2	27°52	S 18
S 19	20 9 19	1°11'59	9♓15	1♌48	4° 4	11°36	12°50	22°30	1°47	28°20	0° 6	2°26	2°22	24° 9	27°51	S 19
M20	20 13 15	2° 9'30	23°59	3°50	5°16	12°14	13° 3	22°33	1°50	28°19	0° 5	2°R26	2°19	24°16	27°49	M20
T 21	20 17 12	3° 7'02	8♈24	5°51	6°28	12°52	13°16	22°35	1°54	28°19	0° 4	2°26	2°16	24°22	27°48	T 21
W22	20 21 8	4° 4'35	22°26	7°51	7°40	13°30	13°29	22°38	1°57	28°18	0° 2	2°26	2°12	24°29	27°47	W22
T 23	20 25 5	5° 2'10	6♉ 4	9°50	8°51	14° 8	13°42	22°42	2° 1	28°17	0° 1	2°D26	2° 9	24°35	27°46	T 23
F 24	20 29 2	5°59'46	19°20	11°48	10° 3	14°46	13°55	22°45	2° 4	28°16	29♑59	2°26	2° 6	24°42	27°44	F 24
S 25	20 32 58	6°57'24	2♊15	13°44	11°15	15°24	14° 8	22°48	2° 7	28°15	29°58	2°26	2° 3	24°49	27°43	S 25
S 26	20 36 55	7°55'04	14°52	15°39	12°26	16° 2	14°21	22°51	2°11	28°14	29°57	2°27	2° 0	24°55	27°41	S 26
M27	20 40 51	8°52'45	27°14	17°32	13°38	16°41	14°34	22°55	2°15	28°13	29°55	2°28	1°56	25° 2	27°40	M27
T 28	20 44 48	9°50'28	9♋25	19°24	14°49	17°19	14°46	22°58	2°18	28°13	29°54	2°28	1°53	25° 9	27°38	T 28
W29	20 48 44	10°48'12	21°26	21°15	16° 1	17°57	14°59	23° 2	2°22	28°12	29°53	2°29	1°50	25°15	27°36	W29
T 30	20 52 41	11°45'58	3♌20	23° 4	17°12	18°35	15°12	23° 5	2°25	28°11	29°51	2°R29	1°47	25°22	27°35	T 30
F 31	20 56 37	12♌43'45	15♌10	24♌52	18♍23	19♌13	15♋24	23♎ 9	2♍29	28♓10	29♑50	2♒29	1♒44	25♌29	27♓33	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n50	24n46	1n48	22n44	0s47	18n44	1n38	21n22	1n11	23n24	0n 8	6s15	2n31	11n55	0n44	2s 2	1s33	26s57	6s59	19s43	19s31	12n37	2n55	4n 1
T 2	22 43	22 3	0 44	23 0	0 33	18 23	1 38	21 14	1 11	23 24	0 9	6 16	2 30	11 54	0 44	2 2	1 33	26 58	6 59	19 44	19 32	12 35	2 55	4 1
F 3	22 37	18 24	0s22	23 13	0 21	18 1	1 37	21 5	1 11	23 23	0 9	6 16	2 30	11 53	0 44	2 2	1 33	26 58	6 59	19 44	19 32	12 32	2 55	4 1
S 4	22 30	14 3	1 27	23 25	0 8	17 39	1 37	20 57	1 11	23 22	0 9	6 17	2 30	11 52	0 44	2 2	1 33	26 58	6 59	19 44	19 33	12 29	2 55	4 1
S 5	22 22	9 13	2 27	23 35	0n 4	17 16	1 36	20 48	1 11	23 21	0 9	6 18	2 30	11 51	0 44	2 2	1 33	26 59	6 59	19 43	19 34	12 26	2 55	4 2
M 6	22 15	4 2	3 22	23 43	0 16	16 53	1 35	20 39	1 11	23 20	0 9	6 19	2 29	11 50	0 44	2 2	1 33	26 59	6 59	19 43	19 35	12 23	2 54	4 2
T 7	22 6	1s17	4 8	23 49	0 27	16 29	1 34	20 30	1 10	23 19	0 9	6 20	2 29	11 49	0 44	2 3	1 33	27 0	6 59	19 43	19 35	12 20	2 54	4 2
W 8	21 58	6 38	4 44	23 52	0 37	16 5	1 33	20 21	1 10	23 18	0 9	6 21	2 29	11 48	0 44	2 3	1 33	27 0	7 0	19 43	19 36	12 17	2 54	4 2
T 9	21 49	11 49	5 7	23 53	0 47	15 41	1 32	20 11	1 10	23 17	0 9	6 21	2 28	11 47	0 44	2 3	1 33	27 1	7 0	19 42	19 37	12 14	2 54	4 2
F 10	21 40	16 39	5 17	23 51	0 57	15 16	1 31	20 2	1 10	23 16	0 9	6 22	2 28	11 45	0 44	2 3	1 33	27 1	7 0	19 42	19 38	12 11	2 54	4 2
S 11	21 30	20 54	5 12	23 46	1 5	14 51	1 30	19 52	1 10	23 15	0 10	6 23	2 28	11 44	0 44	2 3	1 33	27 1	7 0	19 43	19 38	12 8	2 54	4 3
S 12	21 20	24 13	4 49	23 39	1 13	14 25	1 29	19 43	1 10	23 14	0 10	6 24	2 28	11 43	0 44	2 4	1 33	27 2	7 0	19 43	19 39	12 5	2 54	4 3
M13	21 10	26 16	4 10	23 28	1 20	13 59	1 27	19 33	1 10	23 13	0 10	6 26	2 27	11 42	0 44	2 4	1 33	27 2	7 0	19 43	19 40	12 2	2 53	4 3
T 14	20 59	26 42	3 15	23 16	1 26	13 33	1 26	19 23	1 10	23 12	0 10	6 27	2 27	11 41	0 44	2 4	1 33	27 2	7 0	19 43	19 41	11 59	2 53	4 3
W15	20 48	25 19	2 5	23 0	1 31	13 6	1 25	19 12	1 10	23 11	0 10	6 28	2 27	11 40	0 44	2 4	1 33	27 3	7 0	19 43	19 41	11 56	2 53	4 3
T 16	20 36	22 9	0 46	22 42	1 36	12 39	1 23	19 2	1 10	23 10	0 10	6 29	2 27	11 38	0 44	2 5	1 33	27 3	7 0	19 43	19 42	11 53	2 53	4 3
F 17	20 24	17 27	0n37	22 21	1 39	12 12	1 21	18 52	1 10	23 9	0 10	6 30	2 26	11 37	0 44	2 5	1 33	27 4	7 0	19 43	19 43	11 50	2 52	4 3
S 18	20 12	11 38	1 58	21 59	1 42	11 44	1 20	18 41	1 10	23 8	0 10	6 31	2 26	11 36	0 44	2 5	1 34	27 4	7 0	19 43	19 43	11 47	2 52	4 4
S 19	20 0	5 12	3 11	21 34	1 44	11 16	1 18	18 31	1 10	23 7	0 10	6 33	2 26	11 35	0 44	2 6	1 34	27 4	7 1	19 43	19 44	11 44	2 52	4 4
M20	19 47	1n25	4 9	21 7	1 46	10 48	1 16	18 20	1 9	23 6	0 10	6 34	2 26	11 34	0 44	2 6	1 34	27 5	7 1	19 43	19 45	11 41	2 51	4 4
T 21	19 34	7 47	4 50	20 38	1 47	10 20	1 14	18 9	1 9	23 4	0 11	6 35	2 25	11 32	0 44	2 6	1 34	27 5	7 1	19 43	19 46	11 38	2 51	4 4
W22	19 20	13 36	5 13	20 7	1 47	9 51	1 12	17 58	1 9	23 3	0 11	6 36	2 25	11 31	0 44	2 7	1 34	27 5	7 1	19 43	19 46	11 35	2 51	4 4
T 23	19 6	18 35	5 17	19 35	1 46	9 22	1 10	17 47	1 9	23 2	0 11	6 38	2 25	11 30	0 44	2 7	1 34	27 6	7 1	19 43	19 47	11 32	2 50	4 4
F 24	18 52	22 31	5 4	19 1	1 45	8 53	1 8	17 35	1 9	23 1	0 11	6 39	2 25	11 29	0 44	2 7	1 34	27 6	7 1	19 43	19 48	11 29	2 50	4 4
S 25	18 38	25 13	4 36	18 26	1 43	8 24	1 5	17 24	1 9	23 0	0 11	6 41	2 24	11 27	0 44	2 8	1 34	27 7	7 1	19 43	19 48	11 26	2 49	4 4
S 26	18 23	26 35	3 55	17 50	1 41	7 54	1 3	17 12	1 9	22 58	0 11	6 42	2 24	11 26	0 44	2 8	1 34	27 7	7 1	19 43	19 49	11 23	2 49	4 5
M27	18 8	26 36	3 4	17 13	1 38	7 24	1 1	17 1	1 9	22 57	0 11	6 44	2 24	11 25	0 44	2 9	1 34	27 7	7 1	19 43	19 50	11 20	2 48	4 5
T 28	17 53	25 18	2 5	16 35	1 35	6 54	0 58	16 49	1 9	22 56	0 11	6 45	2 24	11 23	0 44	2 9	1 34	27 8	7 1	19 43	19 51	11 17	2 48	4 5
W29	17 37	22 51	1 1	15 56	1 31	6 24	0 56	16 37	1 9	22 54	0 11	6 47	2 23	11 22	0 44	2 10	1 34	27 8	7 1	19 43	19 51	11 14	2 47	4 5
T 30	17 21	19 26	0s 5	15 16	1 27	5 54	0 53	16 25	1 8	22 53	0 12	6 48	2 23	11 21	0 44	2 10	1 34	27 8	7 1	19 43	19 52	11 11	2 47	4 5
F 31	17n 5	15n16	1s10	14n36	1n22	5n23	0n50	16n13	1n 8	22n52	0n12	6s50	2n23	11n19	0n44	2s10	1s34	27s 9	7s 1	19s43	19s53	11n 8	2n46	4n 5

Julian Day Number = 2101464.5, Delta T = 21m16s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'47, Lahiri = 10°29'47 Julian Calendar 1 July 1041 == Greg. Calendar 7 July 1041

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1041
geocentric

AUGUST 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	21 0 34	13♌41'33	26♌58	26♌38	19♍35	19♌51	15♋37	23♎13	2♍32	28°R 8	29°R49	2°R28	1♒41	25♌35	27°R31	S 1
S 2	21 4 31	14°39'23	8♍46	28°23	20°46	20°30	15°50	23°17	2°36	28♓ 7	29♑47	2♒26	1°37	25°42	27♓30	S 2
M 3	21 8 27	15°37'15	20°36	0♍ 7	21°57	21° 8	16° 2	23°21	2°40	28° 6	29°46	2°24	1°34	25°49	27°28	M 3
T 4	21 12 24	16°35'07	2♎32	1°49	23° 8	21°46	16°15	23°25	2°43	28° 5	29°45	2°22	1°31	25°55	27°26	T 4
W 5	21 16 20	17°33'01	14°35	3°30	24°20	22°24	16°27	23°29	2°47	28° 4	29°43	2°20	1°28	26° 2	27°24	W 5
T 6	21 20 17	18°30'57	26°51	5° 9	25°31	23° 2	16°39	23°33	2°51	28° 3	29°42	2°19	1°25	26° 9	27°22	T 6
F 7	21 24 13	19°28'53	9♏21	6°48	26°42	23°41	16°52	23°38	2°54	28° 2	29°41	2°18	1°21	26°15	27°20	F 7
S 8	21 28 10	20°26'52	22°10	8°24	27°53	24°19	17° 4	23°42	2°58	28° 0	29°40	2°D17	1°18	26°22	27°18	S 8
S 9	21 32 6	21°24'51	5♐22	10° 0	29° 3	24°57	17°16	23°47	3° 2	27°59	29°38	2°18	1°15	26°29	27°16	S 9
M10	21 36 3	22°22'52	18°58	11°34	0♎14	25°35	17°28	23°51	3° 5	27°58	29°37	2°19	1°12	26°35	27°14	M10
T 11	21 40 0	23°20'55	3♑ 1	13° 7	1°25	26°14	17°40	23°56	3° 9	27°57	29°36	2°20	1° 9	26°42	27°12	T 11
W12	21 43 56	24°18'58	17°29	14°39	2°36	26°52	17°52	24° 0	3°13	27°55	29°35	2°21	1° 6	26°49	27°10	W12
T 13	21 47 53	25°17'04	2♒20	16° 9	3°46	27°30	18° 4	24° 5	3°17	27°54	29°34	2°R22	1° 2	26°55	27° 7	T 13
F 14	21 51 49	26°15'11	17°27	17°39	4°57	28° 9	18°16	24°10	3°20	27°53	29°32	2°21	0°59	27° 2	27° 5	F 14
S 15	21 55 46	27°13'19	2♓41	19° 6	6° 8	28°47	18°28	24°15	3°24	27°51	29°31	2°20	0°56	27° 9	27° 3	S 15
S 16	21 59 42	28°11'29	17°53	20°33	7°18	29°25	18°39	24°20	3°28	27°50	29°30	2°17	0°53	27°15	27° 1	S 16
M17	22 3 39	29° 9'41	2♈53	21°58	8°28	0♍ 4	18°51	24°25	3°32	27°48	29°29	2°13	0°50	27°22	26°58	M17
T 18	22 7 35	0♍ 7'56	17°33	23°22	9°39	0°42	19° 3	24°30	3°35	27°47	29°28	2° 9	0°47	27°29	26°56	T 18
W19	22 11 32	1° 6'12	1♉46	24°44	10°49	1°21	19°14	24°35	3°39	27°46	29°27	2° 6	0°43	27°35	26°54	W19
T 20	22 15 29	2° 4'30	15°32	26° 5	11°59	1°59	19°26	24°40	3°43	27°44	29°25	2° 4	0°40	27°42	26°51	T 20
F 21	22 19 25	3° 2'51	28°50	27°25	13° 9	2°38	19°37	24°45	3°47	27°43	29°24	2°D 3	0°37	27°49	26°49	F 21
S 22	22 23 22	4° 1'14	11♊43	28°43	14°19	3°16	19°48	24°51	3°50	27°41	29°23	2° 3	0°34	27°55	26°46	S 22
S 23	22 27 18	4°59'39	24°14	29°59	15°29	3°55	20° 0	24°56	3°54	27°40	29°22	2° 4	0°31	28° 2	26°44	S 23
M24	22 31 15	5°58'06	6♋29	1♎14	16°39	4°33	20°11	25° 1	3°58	27°38	29°21	2° 6	0°27	28° 9	26°42	M24
T 25	22 35 11	6°56'35	18°31	2°27	17°49	5°12	20°22	25° 7	4° 2	27°37	29°20	2° 7	0°24	28°15	26°39	T 25
W26	22 39 8	7°55'06	0♌24	3°39	18°59	5°50	20°33	25°12	4° 6	27°35	29°19	2°R 8	0°21	28°22	26°37	W26
T 27	22 43 4	8°53'40	12°13	4°49	20° 9	6°29	20°44	25°18	4° 9	27°33	29°18	2° 7	0°18	28°29	26°34	T 27
F 28	22 47 1	9°52'15	24° 0	5°56	21°18	7° 7	20°55	25°24	4°13	27°32	29°17	2° 5	0°15	28°35	26°31	F 28
S 29	22 50 58	10°50'53	5♍49	7° 2	22°28	7°46	21° 5	25°29	4°17	27°30	29°16	2° 1	0°12	28°42	26°29	S 29
S 30	22 54 54	11°49'32	17°40	8° 5	23°37	8°25	21°16	25°35	4°21	27°29	29°15	1°55	0° 8	28°49	26°26	S 30
M31	22 58 51	12♍48'13	29♍37	9♎ 6	24♎47	9♍ 3	21♋27	25♎41	4♍24	27♓27	29♑14	1♒48	0♒ 5	28♌55	26♓24	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n48	10n32	2s12	13n55	1n18	4n53	0n48	16n 1	1n 8	22n50	0n12	6s52	2n23	11n18	0n44	2s11	1s34	27s 9	7s 1	19s43	19s53	11n 5	2n45	4n 5
S 2	16 31	5 25	3 8	13 14	1 12	4 22	0 45	15 49	1 8	22 49	0 12	6 53	2 22	11 17	0 44	2 11	1 34	27 9	7 1	19 43	19 54	11 2	2 45	4 5
M 3	16 14	0 8	3 56	12 32	1 7	3 51	0 42	15 36	1 8	22 48	0 12	6 55	2 22	11 16	0 44	2 12	1 34	27 10	7 1	19 44	19 55	10 59	2 44	4 5
T 4	15 57	5s12	4 34	11 50	1 1	3 20	0 39	15 24	1 8	22 46	0 12	6 57	2 22	11 14	0 44	2 12	1 34	27 10	7 1	19 44	19 56	10 56	2 43	4 6
W 5	15 39	10 24	5 1	11 7	0 54	2 49	0 36	15 11	1 8	22 45	0 12	6 58	2 22	11 13	0 44	2 13	1 34	27 10	7 1	19 44	19 56	10 53	2 43	4 6
T 6	15 21	15 17	5 15	10 25	0 48	2 18	0 33	14 58	1 7	22 43	0 12	7 0	2 22	11 12	0 44	2 13	1 34	27 10	7 1	19 45	19 57	10 50	2 42	4 6
F 7	15 3	19 38	5 14	9 42	0 41	1 47	0 30	14 45	1 7	22 42	0 12	7 2	2 21	11 10	0 44	2 14	1 34	27 11	7 1	19 45	19 58	10 47	2 41	4 6
S 8	14 45	23 11	4 57	8 59	0 34	1 15	0 27	14 32	1 7	22 41	0 13	7 4	2 21	11 9	0 44	2 14	1 34	27 11	7 1	19 45	19 58	10 44	2 41	4 6
S 9	14 26	25 39	4 25	8 17	0 27	0 44	0 24	14 19	1 7	22 39	0 13	7 6	2 21	11 7	0 44	2 15	1 35	27 11	7 1	19 45	19 59	10 41	2 40	4 6
M10	14 7	26 43	3 37	7 34	0 20	0 13	0 20	14 6	1 7	22 38	0 13	7 7	2 21	11 6	0 44	2 16	1 35	27 12	7 1	19 45	20 0	10 38	2 39	4 6
T 11	13 48	26 7	2 35	6 51	0 12	0s19	0 17	13 53	1 7	22 36	0 13	7 9	2 20	11 5	0 44	2 16	1 35	27 12	7 1	19 44	20 0	10 35	2 38	4 6
W12	13 29	23 45	1 21	6 9	0 5	0 50	0 13	13 40	1 7	22 35	0 13	7 11	2 20	11 3	0 44	2 17	1 35	27 12	7 1	19 44	20 1	10 32	2 38	4 6
T 13	13 10	19 45	0 0	5 26	0s 3	1 21	0 10	13 26	1 6	22 33	0 13	7 13	2 20	11 2	0 44	2 17	1 35	27 12	7 1	19 44	20 2	10 29	2 37	4 6
F 14	12 50	14 23	1n22	4 44	0 11	1 53	0 7	13 13	1 6	22 32	0 13	7 15	2 20	11 1	0 44	2 18	1 35	27 13	7 1	19 44	20 3	10 26	2 36	4 6
S 15	12 30	8 6	2 39	4 2	0 19	2 24	0 3	12 59	1 6	22 30	0 13	7 17	2 20	10 59	0 44	2 18	1 35	27 13	7 1	19 45	20 3	10 23	2 35	4 6
S 16	12 10	1 22	3 45	3 21	0 27	2 55	0s 1	12 46	1 6	22 29	0 14	7 19	2 19	10 58	0 44	2 19	1 35	27 13	7 1	19 45	20 4	10 20	2 34	4 6
M17	11 50	5n20	4 34	2 39	0 36	3 26	0 4	12 32	1 6	22 27	0 14	7 21	2 19	10 57	0 44	2 20	1 35	27 13	7 1	19 46	20 5	10 17	2 33	4 7
T 18	11 29	11 35	5 4	1 59	0 44	3 58	0 8	12 18	1 6	22 26	0 14	7 23	2 19	10 55	0 44	2 20	1 35	27 13	7 1	19 47	20 5	10 14	2 33	4 7
W19	11 8	17 3	5 14	1 18	0 52	4 29	0 12	12 4	1 5	22 24	0 14	7 25	2 19	10 54	0 44	2 21	1 35	27 14	7 1	19 48	20 6	10 11	2 32	4 7
T 20	10 47	21 26	5 5	0 38	1 1	5 0	0 15	11 50	1 5	22 23	0 14	7 27	2 19	10 52	0 44	2 21	1 35	27 14	7 1	19 48	20 7	10 8	2 31	4 7
F 21	10 26	24 33	4 40	0s 1	1 9	5 31	0 19	11 36	1 5	22 21	0 14	7 29	2 18	10 51	0 44	2 22	1 35	27 14	7 1	19 48	20 7	10 5	2 30	4 7
S 22	10 5	26 18	4 2	0 40	1 18	6 2	0 23	11 22	1 5	22 20	0 14	7 31	2 18	10 50	0 44	2 23	1 35	27 14	7 1	19 48	20 8	10 2	2 29	4 7
S 23	9 44	26 39	3 13	1 19	1 26	6 32	0 27	11 8	1 5	22 18	0 14	7 34	2 18	10 48	0 44	2 23	1 35	27 14	7 1	19 48	20 9	9 59	2 28	4 7
M24	9 22	25 40	2 16	1 56	1 35	7 3	0 31	10 54	1 5	22 17	0 15	7 36	2 18	10 47	0 44	2 24	1 35	27 15	7 1	19 48	20 10	9 56	2 27	4 7
T 25	9 0	23 30	1 14	2 33	1 43	7 34	0 35	10 39	1 4	22 15	0 15	7 38	2 18	10 46	0 44	2 24	1 35	27 15	7 1	19 47	20 10	9 53	2 26	4 7
W26	8 39	20 19	0 9	3 9	1 51	8 4	0 39	10 25	1 4	22 14	0 15	7 40	2 18	10 44	0 44	2 25	1 35	27 15	7 1	19 47	20 11	9 50	2 25	4 7
T 27	8 17	16 21	0s55	3 45	2 0	8 34	0 42	10 10	1 4	22 12	0 15	7 42	2 17	10 43	0 44	2 26	1 35	27 15	7 1	19 47	20 12	9 47	2 24	4 7
F 28	7 54	11 46	1 56	4 19	2 8	9 4	0 46	9 56	1 4	22 11	0 15	7 45	2 17	10 41	0 44	2 26	1 35	27 15	7 1	19 48	20 12	9 44	2 23	4 7
S 29	7 32	6 45	2 53	4 53	2 16	9 34	0 50	9 41	1 4	22 9	0 15	7 47	2 17	10 40	0 44	2 27	1 35	27 15	7 1	19 49	20 13	9 41	2 22	4 7
S 30	7 10	1 29	3 42	5 25	2 24	10 4	0 54	9 26	1 3	22 8	0 15	7 49	2 17	10 39	0 44	2 28	1 35	27 16	7 1	19 50	20 14	9 38	2 21	4 7
M31	6n47	3s51	4s22	5s57	2s31	10s33	0s59	9n11	1n 3	22n 6	0n15	7s51	2n17	10n37	0n44	2s28	1s35	27s16	7s 0	19s52	20s14	9n35	2n20	4n 7

Julian Day Number = 2101495.5, Delta T = 21m16s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'51, Lahiri = 10°29'52 Julian Calendar 1 Aug. 1041 == Greg. Calendar 7 Aug. 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

SEPTEMBER 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 2 47	13♍46'57	11♎40	10♎ 5	25♎56	9♍42	21♋37	25♎47	4♍28	27°R26	29°R13	1°R40	0♒ 2	29♌ 2	26°R21	T 1
W 2	23 6 44	14°45'42	23°52	11° 0	27° 5	10°20	21°48	25°53	4°32	27♓24	29♉13	1♒32	29♉59	29° 9	26♓18	W 2
T 3	23 10 40	15°44'29	6♏14	11°53	28°14	10°59	21°58	25°59	4°36	27°22	29°12	1°25	29°56	29°15	26°16	T 3
F 4	23 14 37	16°43'18	18°49	12°43	29°23	11°38	22° 8	26° 5	4°39	27°21	29°11	1°20	29°53	29°22	26°13	F 4
S 5	23 18 33	17°42'09	1♐38	13°29	0♏32	12°17	22°18	26°11	4°43	27°19	29°10	1°17	29°49	29°29	26°10	S 5
S 6	23 22 30	18°41'02	14°45	14°12	1°41	12°55	22°28	26°17	4°47	27°17	29° 9	1°D15	29°46	29°35	26° 8	S 6
M 7	23 26 27	19°39'56	28°13	14°50	2°50	13°34	22°38	26°23	4°50	27°16	29° 9	1°16	29°43	29°42	26° 5	M 7
T 8	23 30 23	20°38'52	12♑ 3	15°25	3°58	14°13	22°48	26°30	4°54	27°14	29° 8	1°17	29°40	29°49	26° 2	T 8
W 9	23 34 20	21°37'50	26°17	15°54	5° 7	14°52	22°58	26°36	4°58	27°12	29° 7	1°R17	29°37	29°55	26° 0	W 9
T 10	23 38 16	22°36'50	10♒53	16°19	6°15	15°31	23° 7	26°42	5° 1	27°11	29° 6	1°17	29°33	0♍ 2	25°57	T 10
F 11	23 42 13	23°35'51	25°48	16°38	7°24	16° 9	23°17	26°48	5° 5	27° 9	29° 6	1°15	29°30	0° 9	25°54	F 11
S 12	23 46 9	24°34'55	10♓55	16°50	8°32	16°48	23°26	26°55	5° 9	27° 7	29° 5	1°10	29°27	0°15	25°51	S 12
S 13	23 50 6	25°34'00	26° 5	16°R57	9°40	17°27	23°35	27° 1	5°12	27° 6	29° 4	1° 4	29°24	0°22	25°49	S 13
M14	23 54 2	26°33'07	11♈ 7	16°57	10°48	18° 6	23°44	27° 8	5°16	27° 4	29° 4	0°55	29°21	0°29	25°46	M14
T 15	23 57 59	27°32'17	25°53	16°49	11°55	18°45	23°53	27°14	5°19	27° 2	29° 3	0°46	29°18	0°35	25°43	T 15
W16	0 1 55	28°31'29	10♉15	16°34	13° 3	19°24	24° 2	27°21	5°23	27° 1	29° 3	0°38	29°14	0°42	25°41	W16
T 17	0 5 52	29°30'43	24° 9	16°11	14°11	20° 3	24°11	27°27	5°26	26°59	29° 2	0°31	29°11	0°49	25°38	T 17
F 18	0 9 49	0♎30'00	7♊33	15°40	15°18	20°42	24°20	27°34	5°30	26°57	29° 2	0°27	29° 8	0°55	25°35	F 18
S 19	0 13 45	1°29'19	20°29	15° 1	16°25	21°21	24°28	27°41	5°33	26°56	29° 1	0°24	29° 5	1° 2	25°32	S 19
S 20	0 17 42	2°28'40	3♋ 2	14°14	17°32	22° 0	24°37	27°47	5°37	26°54	29° 1	0°D23	29° 2	1° 9	25°30	S 20
M21	0 21 38	3°28'04	15°15	13°20	18°39	22°39	24°45	27°54	5°40	26°52	29° 0	0°24	28°58	1°15	25°27	M21
T 22	0 25 35	4°27'30	27°14	12°19	19°46	23°18	24°53	28° 1	5°44	26°51	29° 0	0°R24	28°55	1°22	25°24	T 22
W23	0 29 31	5°26'58	9♌ 5	11°12	20°53	23°57	25° 1	28° 8	5°47	26°49	28°59	0°24	28°52	1°29	25°22	W23
T 24	0 33 28	6°26'29	20°52	10° 2	21°59	24°36	25° 9	28°14	5°51	26°47	28°59	0°22	28°49	1°35	25°19	T 24
F 25	0 37 24	7°26'02	2♍40	8°49	23° 6	25°15	25°17	28°21	5°54	26°46	28°59	0°17	28°46	1°42	25°16	F 25
S 26	0 41 21	8°25'36	14°31	7°36	24°12	25°55	25°25	28°28	5°57	26°44	28°58	0°10	28°43	1°49	25°14	S 26
S 27	0 45 18	9°25'14	26°29	6°24	25°18	26°34	25°32	28°35	6° 1	26°43	28°58	29♉59	28°39	1°55	25°11	S 27
M28	0 49 14	10°24'53	8♎36	5°17	26°24	27°13	25°40	28°42	6° 4	26°41	28°58	29°48	28°36	2° 2	25° 9	M28
T 29	0 53 11	11°24'34	20°52	4°15	27°29	27°52	25°47	28°49	6° 7	26°39	28°58	29°34	28°33	2° 9	25° 6	T 29
W30	0 57 7	12♎24'18	3♏18	3♎21	28♏35	28♍32	25♋54	28♎56	6♍10	26♓38	28♉57	29♉21	28♉30	2♍15	25♓ 3	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n25	9s 5	4s50	6s27	2s39	11s 2	1s 3	8n57	1n 3	22n 4	0n16	7s54	2n17	10n36	0n44	2s29	1s35	27s16	7s 0	19s54	20s15	9n32	2n19	4n 7
W 2	6 2	14 2	5 6	6 55	2 46	11 31	1 7	8 42	1 3	22 3	0 16	7 56	2 16	10 35	0 44	2 30	1 35	27 16	7 0	19 55	20 16	9 29	2 18	4 7
T 3	5 39	18 30	5 7	7 23	2 53	12 0	1 11	8 27	1 2	22 1	0 16	7 58	2 16	10 33	0 44	2 30	1 35	27 16	7 0	19 57	20 16	9 26	2 17	4 7
F 4	5 16	22 13	4 54	7 48	3 0	12 29	1 15	8 12	1 2	22 0	0 16	8 1	2 16	10 32	0 44	2 31	1 35	27 16	7 0	19 58	20 17	9 23	2 16	4 7
S 5	4 53	24 57	4 27	8 12	3 6	12 57	1 19	7 57	1 2	21 58	0 16	8 3	2 16	10 31	0 44	2 32	1 35	27 16	7 0	19 59	20 18	9 20	2 15	4 7
S 6	4 30	26 24	3 44	8 35	3 12	13 25	1 23	7 42	1 2	21 57	0 16	8 5	2 16	10 29	0 44	2 32	1 35	27 16	7 0	19 59	20 18	9 17	2 14	4 7
M 7	4 7	26 22	2 49	8 55	3 18	13 53	1 27	7 26	1 2	21 55	0 16	8 8	2 16	10 28	0 44	2 33	1 35	27 17	7 0	19 59	20 19	9 13	2 12	4 7
T 8	3 43	24 42	1 42	9 13	3 23	14 20	1 31	7 11	1 1	21 54	0 17	8 10	2 16	10 27	0 44	2 34	1 35	27 17	7 0	19 59	20 20	9 10	2 11	4 7
W 9	3 20	21 27	0 27	9 28	3 27	14 47	1 35	6 56	1 1	21 52	0 17	8 12	2 15	10 25	0 44	2 34	1 35	27 17	7 0	19 59	20 20	9 7	2 10	4 7
T 10	2 57	16 46	0n51	9 41	3 31	15 14	1 39	6 41	1 1	21 51	0 17	8 15	2 15	10 24	0 44	2 35	1 35	27 17	7 0	19 59	20 21	9 4	2 9	4 7
F 11	2 33	10 59	2 8	9 51	3 34	15 41	1 43	6 25	1 1	21 50	0 17	8 17	2 15	10 23	0 44	2 36	1 35	27 17	7 0	19 59	20 22	9 1	2 8	4 7
S 12	2 10	4 29	3 16	9 58	3 36	16 7	1 47	6 10	1 0	21 48	0 17	8 20	2 15	10 21	0 44	2 36	1 35	27 17	7 0	20 0	20 22	8 58	2 7	4 7
S 13	1 46	2n16	4 11	10 2	3 37	16 32	1 51	5 54	1 0	21 47	0 17	8 22	2 15	10 20	0 44	2 37	1 35	27 17	6 59	20 2	20 23	8 55	2 6	4 7
M14	1 23	8 50	4 48	10 2	3 37	16 58	1 55	5 39	1 0	21 45	0 17	8 25	2 15	10 19	0 44	2 38	1 35	27 17	6 59	20 3	20 24	8 52	2 5	4 6
T 15	0 59	14 46	5 4	9 58	3 36	17 23	1 59	5 23	1 0	21 44	0 18	8 27	2 15	10 17	0 44	2 38	1 35	27 17	6 59	20 5	20 24	8 49	2 3	4 6
W16	0 35	19 44	5 1	9 50	3 33	17 48	2 3	5 8	0 59	21 42	0 18	8 29	2 15	10 16	0 44	2 39	1 35	27 17	6 59	20 7	20 25	8 46	2 2	4 6
T 17	0 12	23 26	4 40	9 37	3 29	18 12	2 7	4 52	0 59	21 41	0 18	8 32	2 14	10 15	0 44	2 40	1 35	27 17	6 59	20 9	20 26	8 43	2 1	4 6
F 18	0s12	25 42	4 4	9 20	3 24	18 36	2 11	4 36	0 59	21 40	0 18	8 34	2 14	10 13	0 44	2 40	1 35	27 17	6 59	20 10	20 26	8 40	2 0	4 6
S 19	0 36	26 29	3 17	8 57	3 16	18 59	2 15	4 21	0 59	21 38	0 18	8 37	2 14	10 12	0 44	2 41	1 35	27 17	6 59	20 10	20 27	8 37	1 59	4 6
S 20	0 59	25 53	2 21	8 31	3 7	19 22	2 19	4 5	0 58	21 37	0 18	8 39	2 14	10 11	0 44	2 42	1 35	27 17	6 59	20 10	20 28	8 34	1 58	4 6
M21	1 23	24 1	1 20	7 59	2 56	19 45	2 22	3 49	0 58	21 36	0 19	8 42	2 14	10 10	0 44	2 42	1 35	27 17	6 59	20 10	20 28	8 31	1 57	4 6
T 22	1 47	21 6	0 17	7 23	2 43	20 7	2 26	3 34	0 58	21 34	0 19	8 44	2 14	10 8	0 44	2 43	1 35	27 17	6 59	20 10	20 29	8 28	1 55	4 6
W23	2 11	17 20	0s46	6 43	2 28	20 29	2 30	3 18	0 58	21 33	0 19	8 47	2 14	10 7	0 44	2 44	1 35	27 17	6 58	20 10	20 30	8 25	1 54	4 6
T 24	2 34	12 56	1 47	6 0	2 11	20 50	2 33	3 2	0 57	21 32	0 19	8 49	2 14	10 6	0 44	2 44	1 35	27 17	6 58	20 11	20 30	8 22	1 53	4 6
F 25	2 58	8 3	2 43	5 15	1 53	21 10	2 37	2 46	0 57	21 30	0 19	8 52	2 14	10 5	0 44	2 45	1 35	27 17	6 58	20 12	20 31	8 19	1 52	4 6
S 26	3 22	2 52	3 32	4 28	1 34	21 31	2 41	2 30	0 57	21 29	0 19	8 54	2 13	10 3	0 44	2 46	1 35	27 17	6 58	20 13	20 32	8 15	1 51	4 5
S 27	3 45	2s27	4 12	3 41	1 14	21 50	2 44	2 14	0 56	21 28	0 19	8 57	2 13	10 2	0 44	2 46	1 35	27 17	6 58	20 15	20 32	8 12	1 50	4 5
M28	4 9	7 44	4 41	2 55	0 53	22 10	2 47	1 58	0 56	21 27	0 20	8 59	2 13	10 1	0 44	2 47	1 35	27 17	6 58	20 18	20 33	8 9	1 49	4 5
T 29	4 32	12 46	4 58	2 12	0 33	22 28	2 51	1 42	0 56	21 25	0 20	9 2	2 13	10 0	0 44	2 48	1 35	27 17	6 58	20 21	20 34	8 6	1 47	4 5
W30	4s56	17s22	5s 0	1s32	0s12	22s47	2s54	1n26	0n56	21n24	0n20	9s 5	2n13	9n59	0n44	2s48	1s35	27s17	6s58	20s24	20s34	8n 3	1n46	4n 5

Julian Day Number = 2101526.5, Delta T = 21m15s
Ecliptic obliquity = 23°33'54, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°22'56, Lahiri = 10°29'56 Julian Calendar 1 Sept. 1041 == Greg. Calendar 7 Sept. 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

OCTOBER 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 1 4	13♎24'03	15♏54	2°R37	29♏40	29♍11	26♋ 1	29♎ 3	6♍14	26°R36	28°R57	29°R 9	28♑27	2♍22	25°R 1	T 1
F 2	1 5 0	14°23'50	28°42	2♎ 2	0♐45	29°50	26° 8	29°10	6°17	26♓35	28♑57	29♑ 0	28°24	2°29	24♓58	F 2
S 3	1 8 57	15°23'39	11♐41	1°39	1°50	0♎29	26°14	29°17	6°20	26°33	28°57	28°53	28°20	2°35	24°56	S 3
S 4	1 12 53	16°23'30	24°53	1°26	2°55	1° 9	26°21	29°24	6°23	26°31	28°57	28°49	28°17	2°42	24°53	S 4
M 5	1 16 50	17°23'23	8♑19	1°D26	3°59	1°48	26°27	29°31	6°26	26°30	28°57	28°47	28°14	2°49	24°51	M 5
T 6	1 20 47	18°23'17	22° 2	1°36	5° 3	2°28	26°33	29°38	6°29	26°28	28°57	28°47	28°11	2°55	24°48	T 6
W 7	1 24 43	19°23'13	6♒ 2	1°57	6° 7	3° 7	26°39	29°45	6°32	26°27	28°D57	28°47	28° 8	3° 2	24°46	W 7
T 8	1 28 40	20°23'11	20°20	2°27	7°11	3°46	26°45	29°52	6°35	26°25	28°57	28°46	28° 4	3° 9	24°44	T 8
F 9	1 32 36	21°23'10	4♓54	3° 7	8°14	4°26	26°51	29°59	6°38	26°24	28°57	28°42	28° 1	3°15	24°41	F 9
S 10	1 36 33	22°23'11	19°39	3°55	9°17	5° 5	26°56	0♏ 6	6°41	26°22	28°57	28°36	27°58	3°22	24°39	S 10
S 11	1 40 29	23°23'13	4♈31	4°50	10°20	5°45	27° 2	0°13	6°44	26°21	28°57	28°27	27°55	3°29	24°37	S 11
M12	1 44 26	24°23'18	19°19	5°51	11°22	6°25	27° 7	0°20	6°47	26°19	28°57	28°15	27°52	3°35	24°34	M12
T 13	1 48 22	25°23'24	3♉56	6°59	12°25	7° 4	27°12	0°28	6°50	26°18	28°57	28° 3	27°49	3°42	24°32	T 13
W14	1 52 19	26°23'32	18°15	8°11	13°26	7°44	27°17	0°35	6°52	26°17	28°58	27°52	27°45	3°49	24°30	W14
T 15	1 56 16	27°23'43	2♊ 8	9°27	14°28	8°23	27°22	0°42	6°55	26°15	28°58	27°42	27°42	3°55	24°28	T 15
F 16	2 0 12	28°23'55	15°35	10°48	15°29	9° 3	27°26	0°49	6°58	26°14	28°58	27°34	27°39	4° 2	24°26	F 16
S 17	2 4 9	29°24'09	28°35	12°11	16°30	9°43	27°31	0°56	7° 0	26°13	28°58	27°29	27°36	4° 9	24°23	S 17
S 18	2 8 5	0♏24'26	11♋11	13°36	17°31	10°22	27°35	1° 3	7° 3	26°11	28°59	27°27	27°33	4°15	24°21	S 18
M19	2 12 2	1°24'44	23°26	15° 4	18°31	11° 2	27°39	1°11	7° 6	26°10	28°59	27°26	27°30	4°22	24°19	M19
T 20	2 15 58	2°25'05	5♌27	16°34	19°31	11°42	27°43	1°18	7° 8	26° 9	28°59	27°26	27°26	4°29	24°17	T 20
W21	2 19 55	3°25'27	17°19	18° 5	20°30	12°22	27°47	1°25	7°11	26° 7	29° 0	27°26	27°23	4°35	24°15	W21
T 22	2 23 51	4°25'51	29° 7	19°37	21°29	13° 1	27°50	1°32	7°13	26° 6	29° 0	27°23	27°20	4°42	24°13	T 22
F 23	2 27 48	5°26'17	10♍56	21°10	22°27	13°41	27°53	1°39	7°16	26° 5	29° 0	27°19	27°17	4°49	24°11	F 23
S 24	2 31 45	6°26'46	22°51	22°43	23°26	14°21	27°57	1°46	7°18	26° 4	29° 1	27°11	27°14	4°55	24°10	S 24
S 25	2 35 41	7°27'16	4♎56	24°18	24°23	15° 1	28° 0	1°53	7°20	26° 3	29° 1	27° 1	27°10	5° 2	24° 8	S 25
M26	2 39 38	8°27'47	17°12	25°53	25°20	15°41	28° 2	2° 1	7°23	26° 1	29° 2	26°49	27° 7	5° 9	24° 6	M26
T 27	2 43 34	9°28'21	29°42	27°28	26°17	16°21	28° 5	2° 8	7°25	26° 0	29° 2	26°35	27° 4	5°15	24° 4	T 27
W28	2 47 31	10°28'56	12♏25	29° 3	27°13	17° 1	28° 7	2°15	7°27	25°59	29° 3	26°21	27° 1	5°22	24° 3	W28
T 29	2 51 27	11°29'33	25°22	0♏38	28° 9	17°41	28°10	2°22	7°29	25°58	29° 4	26° 9	26°58	5°29	24° 1	T 29
F 30	2 55 24	12°30'11	8♐30	2°14	29° 4	18°21	28°12	2°29	7°31	25°57	29° 4	25°59	26°55	5°35	23°59	F 30
S 31	2 59 20	13♏30'51	21♐49	3♏49	29♐58	19♎ 1	28♋13	2♏36	7♍33	25♓56	29♑ 5	25♑52	26♑51	5♍42	23♓58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s19	21s17	4s49	0s56	0n 7	23s 4	2s57	1n10	0n55	21n23	0n20	9s 7	2n13	9n57	0n44	2s49	1s35	27s17	6s58	20s26	20s35	8n 0	1n45	4n 5
F 2	5 42	24 14	4 22	0 25	0 26	23 21	3 0	0 54	0 55	21 22	0 20	9 10	2 13	9 56	0 44	2 50	1 35	27 17	6 57	20 28	20 35	7 57	1 44	4 5
S 3	6 6	25 58	3 42	0 0	0 43	23 38	3 3	0 38	0 55	21 21	0 20	9 12	2 13	9 55	0 44	2 50	1 35	27 16	6 57	20 29	20 36	7 54	1 43	4 5
S 4	6 29	26 17	2 49	0n19	0 59	23 54	3 6	0 22	0 54	21 20	0 21	9 15	2 13	9 54	0 44	2 51	1 35	27 16	6 57	20 30	20 37	7 51	1 42	4 4
M 5	6 52	25 4	1 46	0 32	1 13	24 9	3 9	0 6	0 54	21 19	0 21	9 17	2 13	9 53	0 44	2 51	1 35	27 16	6 57	20 31	20 37	7 48	1 41	4 4
T 6	7 15	22 20	0 36	0 40	1 25	24 24	3 12	0s10	0 54	21 18	0 21	9 20	2 13	9 52	0 44	2 52	1 35	27 16	6 57	20 31	20 38	7 45	1 40	4 4
W 7	7 38	18 15	0n38	0 41	1 36	24 38	3 15	0 26	0 53	21 17	0 21	9 22	2 13	9 51	0 44	2 53	1 35	27 16	6 57	20 31	20 39	7 42	1 38	4 4
T 8	8 0	13 1	1 51	0 38	1 45	24 52	3 17	0 42	0 53	21 16	0 21	9 25	2 13	9 50	0 44	2 53	1 35	27 16	6 57	20 31	20 39	7 39	1 37	4 4
F 9	8 23	7 0	2 58	0 29	1 53	25 5	3 20	0 58	0 53	21 15	0 22	9 27	2 13	9 49	0 44	2 54	1 35	27 16	6 57	20 32	20 40	7 36	1 36	4 4
S 10	8 45	0 32	3 54	0 15	1 59	25 17	3 22	1 14	0 53	21 14	0 22	9 30	2 13	9 47	0 44	2 54	1 35	27 16	6 56	20 33	20 41	7 32	1 35	4 4
S 11	9 8	6n 0	4 35	0s 2	2 4	25 29	3 25	1 30	0 52	21 13	0 22	9 32	2 13	9 46	0 44	2 55	1 35	27 15	6 56	20 35	20 41	7 29	1 34	4 3
M12	9 30	12 10	4 57	0 24	2 7	25 40	3 27	1 46	0 52	21 12	0 22	9 35	2 13	9 45	0 44	2 55	1 35	27 15	6 56	20 37	20 42	7 26	1 33	4 3
T 13	9 52	17 34	4 59	0 49	2 9	25 51	3 29	2 2	0 52	21 11	0 22	9 38	2 12	9 44	0 44	2 56	1 35	27 15	6 56	20 40	20 43	7 23	1 32	4 3
W14	10 14	21 51	4 42	1 16	2 10	26 1	3 31	2 18	0 51	21 11	0 22	9 40	2 12	9 43	0 45	2 56	1 35	27 15	6 56	20 42	20 43	7 20	1 31	4 3
T 15	10 36	24 45	4 8	1 46	2 10	26 10	3 33	2 34	0 51	21 10	0 23	9 43	2 12	9 42	0 45	2 57	1 35	27 15	6 56	20 44	20 44	7 17	1 30	4 3
F 16	10 58	26 8	3 22	2 19	2 9	26 19	3 34	2 50	0 50	21 9	0 23	9 45	2 12	9 41	0 45	2 58	1 35	27 15	6 56	20 45	20 44	7 14	1 29	4 3
S 17	11 19	26 0	2 26	2 53	2 8	26 27	3 36	3 6	0 50	21 9	0 23	9 48	2 12	9 40	0 45	2 58	1 35	27 14	6 56	20 46	20 45	7 11	1 28	4 2
S 18	11 40	24 30	1 25	3 28	2 6	26 35	3 37	3 22	0 50	21 8	0 23	9 50	2 12	9 39	0 45	2 59	1 35	27 14	6 55	20 47	20 46	7 8	1 27	4 2
M19	12 2	21 52	0 21	4 5	2 3	26 42	3 39	3 38	0 49	21 7	0 23	9 53	2 12	9 39	0 45	2 59	1 35	27 14	6 55	20 47	20 46	7 5	1 26	4 2
T 20	12 23	18 19	0s42	4 43	1 59	26 48	3 40	3 54	0 49	21 7	0 24	9 55	2 12	9 38	0 45	3 0	1 35	27 14	6 55	20 47	20 47	7 2	1 25	4 2
W21	12 43	14 5	1 43	5 21	1 55	26 54	3 41	4 10	0 49	21 6	0 24	9 58	2 12	9 37	0 45	3 0	1 35	27 14	6 55	20 47	20 48	6 59	1 24	4 2
T 22	13 4	9 21	2 39	6 0	1 51	26 59	3 42	4 26	0 48	21 6	0 24	10 0	2 12	9 36	0 45	3 0	1 35	27 14	6 55	20 47	20 48	6 56	1 23	4 1
F 23	13 24	4 17	3 29	6 40	1 46	27 3	3 42	4 42	0 48	21 5	0 24	10 3	2 12	9 35	0 45	3 1	1 35	27 13	6 55	20 48	20 49	6 52	1 22	4 1
S 24	13 44	0s58	4 9	7 20	1 41	27 7	3 43	4 57	0 48	21 5	0 24	10 5	2 12	9 34	0 45	3 1	1 35	27 13	6 55	20 50	20 49	6 49	1 21	4 1
S 25	14 4	6 14	4 39	8 0	1 35	27 10	3 43	5 13	0 47	21 4	0 24	10 7	2 12	9 33	0 45	3 2	1 35	27 13	6 55	20 52	20 50	6 46	1 20	4 1
M26	14 24	11 21	4 56	8 40	1 29	27 12	3 44	5 29	0 47	21 4	0 25	10 10	2 12	9 32	0 45	3 2	1 35	27 13	6 55	20 54	20 51	6 43	1 19	4 1
T 27	14 43	16 6	5 0	9 20	1 23	27 14	3 44	5 45	0 46	21 4	0 25	10 12	2 12	9 32	0 45	3 3	1 35	27 12	6 54	20 57	20 51	6 40	1 19	4 0
W28	15 3	20 13	4 49	9 59	1 17	27 16	3 43	6 1	0 46	21 3	0 25	10 15	2 12	9 31	0 45	3 3	1 35	27 12	6 54	20 59	20 52	6 37	1 18	4 0
T 29	15 22	23 27	4 23	10 39	1 11	27 16	3 43	6 16	0 46	21 3	0 25	10 17	2 12	9 30	0 45	3 3	1 35	27 12	6 54	21 2	20 52	6 34	1 17	4 0
F 30	15 40	25 30	3 43	11 18	1 4	27 16	3 43	6 32	0 45	21 3	0 25	10 20	2 12	9 29	0 45	3 4	1 35	27 12	6 54	21 4	20 53	6 31	1 16	4 0
S 31	15s59	26s 8	2s50	11s57	0n58	27s16	3s42	6s48	0n45	21n 3	0n26	10s22	2n12	9n29	0n45	3s 4	1s35	27s11	6s54	21s 5	20s54	6n28	1n15	3n59

Julian Day Number = 2101556.5, Delta T = 21m15s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'00, Lahiri = 10°30'00 Julian Calendar 1 Oct. 1041 == Greg. Calendar 7 Oct. 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

NOVEMBER 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 3 17	14♏31'32	5♉18	5♏25	0♉52	19♎41	28♋15	2♏43	7♍35	25°R55	29♉ 6	25°R47	26♉48	5♍49	23°R56	S 1
M 2	3 7 14	15°32'14	18°56	7° 0	1°45	20°21	28°16	2°50	7°37	25♓54	29° 6	25♉46	26°45	5°55	23♓55	M 2
T 3	3 11 10	16°32'57	2♒44	8°35	2°38	21° 1	28°18	2°57	7°39	25°53	29° 7	25°D46	26°42	6° 2	23°54	T 3
W 4	3 15 7	17°33'41	16°41	10°11	3°30	21°41	28°19	3° 4	7°41	25°52	29° 8	25°R46	26°39	6° 9	23°52	W 4
T 5	3 19 3	18°34'27	0♓47	11°46	4°21	22°22	28°20	3°11	7°43	25°52	29° 9	25°45	26°36	6°15	23°51	T 5
F 6	3 23 0	19°35'13	15° 2	13°21	5°11	23° 2	28°20	3°18	7°45	25°51	29° 9	25°43	26°32	6°22	23°50	F 6
S 7	3 26 56	20°36'00	29°24	14°56	6° 1	23°42	28°21	3°25	7°46	25°50	29°10	25°38	26°29	6°29	23°48	S 7
S 8	3 30 53	21°36'49	13♈48	16°30	6°49	24°22	28°21	3°32	7°48	25°49	29°11	25°30	26°26	6°35	23°47	S 8
M 9	3 34 49	22°37'38	28° 9	18° 5	7°37	25° 2	28°R21	3°39	7°50	25°48	29°12	25°20	26°23	6°42	23°46	M 9
T 10	3 38 46	23°38'29	12♉23	19°40	8°24	25°43	28°21	3°46	7°51	25°48	29°13	25°10	26°20	6°49	23°45	T 10
W11	3 42 43	24°39'20	26°23	21°14	9°10	26°23	28°21	3°53	7°53	25°47	29°14	25° 0	26°16	6°55	23°44	W11
T 12	3 46 39	25°40'13	10♊ 4	22°49	9°55	27° 3	28°20	4° 0	7°54	25°46	29°15	24°51	26°13	7° 2	23°43	T 12
F 13	3 50 36	26°41'07	23°23	24°23	10°39	27°44	28°19	4° 7	7°56	25°46	29°16	24°44	26°10	7° 9	23°42	F 13
S 14	3 54 32	27°42'03	6♋20	25°57	11°22	28°24	28°18	4°13	7°57	25°45	29°17	24°40	26° 7	7°16	23°41	S 14
S 15	3 58 29	28°42'59	18°56	27°32	12° 4	29° 5	28°17	4°20	7°58	25°44	29°18	24°D38	26° 4	7°22	23°40	S 15
M16	4 2 25	29°43'57	1♌13	29° 6	12°45	29°45	28°16	4°27	7°59	25°44	29°19	24°38	26° 1	7°29	23°40	M16
T 17	4 6 22	0♐44'56	13°16	0♐40	13°25	0♏26	28°14	4°34	8° 1	25°43	29°20	24°39	25°57	7°36	23°39	T 17
W18	4 10 18	1°45'56	25°10	2°15	14° 3	1° 6	28°13	4°40	8° 2	25°43	29°21	24°40	25°54	7°42	23°38	W18
T 19	4 14 15	2°46'58	6♍59	3°49	14°40	1°47	28°11	4°47	8° 3	25°43	29°22	24°R40	25°51	7°49	23°38	T 19
F 20	4 18 12	3°48'00	18°50	5°23	15°16	2°27	28° 9	4°53	8° 4	25°42	29°23	24°39	25°48	7°56	23°37	F 20
S 21	4 22 8	4°49'04	0♎47	6°58	15°51	3° 8	28° 6	5° 0	8° 5	25°42	29°25	24°35	25°45	8° 2	23°37	S 21
S 22	4 26 5	5°50'08	12°55	8°32	16°24	3°49	28° 4	5° 6	8° 6	25°41	29°26	24°29	25°41	8° 9	23°36	S 22
M23	4 30 1	6°51'14	25°17	10° 7	16°55	4°29	28° 1	5°13	8° 7	25°41	29°27	24°22	25°38	8°16	23°36	M23
T 24	4 33 58	7°52'20	7♏56	11°41	17°25	5°10	27°58	5°19	8° 7	25°41	29°28	24°14	25°35	8°22	23°36	T 24
W25	4 37 54	8°53'28	20°54	13°16	17°53	5°51	27°55	5°26	8° 8	25°41	29°30	24° 5	25°32	8°29	23°35	W25
T 26	4 41 51	9°54'36	4♐ 9	14°51	18°20	6°31	27°52	5°32	8° 9	25°40	29°31	23°57	25°29	8°36	23°35	T 26
F 27	4 45 47	10°55'45	17°40	16°26	18°45	7°12	27°49	5°38	8°10	25°40	29°32	23°50	25°26	8°42	23°35	F 27
S 28	4 49 44	11°56'54	1♑25	18° 1	19° 8	7°53	27°45	5°45	8°10	25°40	29°33	23°46	25°22	8°49	23°35	S 28
S 29	4 53 41	12°58'04	15°20	19°37	19°29	8°34	27°41	5°51	8°11	25°40	29°35	23°44	25°19	8°56	23°D35	S 29
M30	4 57 37	13♐59'15	29♑23	21♐12	19♑49	9♏15	27♋37	5♏57	8♍11	25♓40	29♉36	23°D44	25♉16	9♍ 2	23♓35	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s17	25s14	1s46	12s35	0n51	27s15	3s41	7s 3	0n44	21n 2	0n26	10s24	2n12	9n28	0n45	3s 5	1s35	27s11	6s54	21s 6	20s54	6n25	1n14	3n59
M 2	16 35	22 49	0 36	13 13	0 45	27 13	3 40	7 19	0 44	21 2	0 26	10 27	2 12	9 27	0 45	3 5	1 35	27 11	6 54	21 6	20 55	6 22	1 14	3 59
T 3	16 52	19 3	0n37	13 51	0 38	27 11	3 39	7 34	0 44	21 2	0 26	10 29	2 12	9 27	0 45	3 5	1 35	27 11	6 54	21 6	20 56	6 19	1 13	3 59
W 4	17 10	14 11	1 49	14 27	0 31	27 8	3 37	7 50	0 43	21 2	0 26	10 32	2 12	9 26	0 45	3 6	1 35	27 10	6 53	21 6	20 56	6 15	1 12	3 59
T 5	17 27	8 32	2 55	15 4	0 24	27 5	3 35	8 5	0 43	21 2	0 27	10 34	2 12	9 25	0 45	3 6	1 34	27 10	6 53	21 6	20 57	6 12	1 11	3 58
F 6	17 43	2 23	3 51	15 39	0 17	27 1	3 33	8 21	0 42	21 2	0 27	10 36	2 13	9 25	0 45	3 6	1 34	27 10	6 53	21 7	20 57	6 9	1 11	3 58
S 7	18 0	3n55	4 32	16 14	0 11	26 57	3 31	8 36	0 42	21 3	0 27	10 39	2 13	9 24	0 45	3 6	1 34	27 9	6 53	21 8	20 58	6 6	1 10	3 58
S 8	18 16	10 2	4 57	16 48	0 4	26 52	3 29	8 51	0 41	21 3	0 27	10 41	2 13	9 23	0 45	3 7	1 34	27 9	6 53	21 9	20 59	6 3	1 9	3 58
M 9	18 31	15 35	5 3	17 21	0s 3	26 46	3 26	9 6	0 41	21 3	0 27	10 43	2 13	9 23	0 45	3 7	1 34	27 9	6 53	21 11	20 59	6 0	1 9	3 57
T 10	18 47	20 14	4 50	17 54	0 10	26 40	3 23	9 21	0 41	21 3	0 28	10 46	2 13	9 22	0 46	3 7	1 34	27 9	6 53	21 13	21 0	5 57	1 8	3 57
W11	19 2	23 39	4 20	18 25	0 16	26 34	3 20	9 37	0 40	21 3	0 28	10 48	2 13	9 22	0 46	3 8	1 34	27 8	6 53	21 15	21 0	5 54	1 7	3 57
T 12	19 17	25 37	3 35	18 56	0 23	26 27	3 16	9 52	0 40	21 4	0 28	10 50	2 13	9 21	0 46	3 8	1 34	27 8	6 53	21 16	21 1	5 51	1 7	3 57
F 13	19 31	26 3	2 39	19 26	0 29	26 20	3 13	10 7	0 39	21 4	0 28	10 52	2 13	9 21	0 46	3 8	1 34	27 8	6 53	21 17	21 2	5 48	1 6	3 56
S 14	19 45	25 1	1 36	19 55	0 36	26 12	3 9	10 22	0 39	21 4	0 28	10 55	2 13	9 20	0 46	3 8	1 34	27 7	6 52	21 18	21 2	5 45	1 6	3 56
S 15	19 59	22 43	0 31	20 23	0 42	26 4	3 4	10 36	0 38	21 5	0 29	10 57	2 13	9 20	0 46	3 8	1 34	27 7	6 52	21 19	21 3	5 41	1 5	3 56
M16	20 12	19 25	0s35	20 51	0 48	25 56	3 0	10 51	0 38	21 5	0 29	10 59	2 13	9 19	0 46	3 8	1 34	27 7	6 52	21 19	21 3	5 38	1 4	3 56
T 17	20 25	15 21	1 38	21 17	0 54	25 47	2 55	11 6	0 37	21 6	0 29	11 1	2 13	9 19	0 46	3 9	1 34	27 6	6 52	21 18	21 4	5 35	1 4	3 55
W18	20 37	10 45	2 37	21 42	1 0	25 37	2 49	11 21	0 37	21 6	0 29	11 3	2 13	9 19	0 46	3 9	1 34	27 6	6 52	21 18	21 5	5 32	1 3	3 55
T 19	20 50	5 47	3 28	22 6	1 6	25 28	2 44	11 35	0 36	21 7	0 29	11 5	2 13	9 18	0 46	3 9	1 34	27 6	6 52	21 18	21 5	5 29	1 3	3 55
F 20	21 1	0 37	4 10	22 29	1 11	25 18	2 38	11 50	0 36	21 8	0 30	11 8	2 13	9 18	0 46	3 9	1 34	27 5	6 52	21 18	21 6	5 26	1 3	3 55
S 21	21 13	4s37	4 42	22 51	1 17	25 8	2 32	12 4	0 35	21 8	0 30	11 10	2 13	9 18	0 46	3 9	1 34	27 5	6 52	21 19	21 6	5 23	1 2	3 54
S 22	21 24	9 45	5 1	23 11	1 22	24 57	2 25	12 18	0 35	21 9	0 30	11 12	2 14	9 17	0 46	3 9	1 34	27 5	6 52	21 20	21 7	5 20	1 2	3 54
M23	21 34	14 36	5 8	23 31	1 27	24 46	2 18	12 33	0 34	21 10	0 30	11 14	2 14	9 17	0 46	3 9	1 34	27 4	6 52	21 21	21 8	5 17	1 1	3 54
T 24	21 44	18 56	4 59	23 49	1 32	24 35	2 11	12 47	0 34	21 10	0 31	11 16	2 14	9 17	0 46	3 9	1 34	27 4	6 52	21 23	21 8	5 14	1 1	3 54
W25	21 54	22 29	4 35	24 6	1 36	24 24	2 3	13 1	0 33	21 11	0 31	11 18	2 14	9 17	0 46	3 9	1 34	27 4	6 51	21 24	21 9	5 11	1 1	3 53
T 26	22 3	24 57	3 56	24 22	1 41	24 12	1 55	13 15	0 33	21 12	0 31	11 20	2 14	9 16	0 46	3 9	1 34	27 3	6 51	21 26	21 9	5 7	1 0	3 53
F 27	22 12	26 1	3 3	24 36	1 45	24 0	1 47	13 29	0 32	21 13	0 31	11 22	2 14	9 16	0 46	3 10	1 34	27 3	6 51	21 27	21 10	5 4	1 0	3 53
S 28	22 20	25 31	1 58	24 50	1 49	23 48	1 38	13 42	0 32	21 14	0 31	11 24	2 14	9 16	0 46	3 10	1 33	27 3	6 51	21 28	21 10	5 1	1 0	3 53
S 29	22 28	23 26	0 45	25 1	1 52	23 36	1 28	13 56	0 31	21 15	0 32	11 26	2 14	9 16	0 46	3 10	1 33	27 2	6 51	21 28	21 11	4 58	0 59	3 52
M30	22s36	19s53	0n31	25s12	1s56	23s24	1s19	14s10	0n31	21n16	0n32	11s28	2n14	9n16	0n46	3s 9	1s33	27s 2	6s51	21s28	21s12	4n55	0n59	3n52

Julian Day Number = 2101587.5, Delta T = 21m15s
Ecliptic obliquity = 23°33'53, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'04, Lahiri = 10°30'04 Julian Calendar 1 Nov. 1041 == Greg. Calendar 7 Nov. 1041

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ASTRODIENST EPHEMERIS for the year 1041
geocentric

DECEMBER 1041 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 1 34	15♐ 0'25	13♒30	22♐48	20♉ 6	9♏56	27°R33	6♏ 3	8♍12	25°D40	29♉38	23♉45	25♉13	9♍ 9	23♓35	T 1
W 2	5 5 30	16° 1'36	27°39	24°23	20°21	10°37	27♋29	6° 9	8°12	25♓40	29°39	23°46	25°10	9°16	23°35	W 2
T 3	5 9 27	17° 2'46	11♓48	25°59	20°34	11°18	27°24	6°15	8°12	25°40	29°40	23°R47	25° 7	9°22	23°35	T 3
F 4	5 13 23	18° 3'57	25°56	27°35	20°45	11°58	27°19	6°21	8°12	25°40	29°42	23°47	25° 3	9°29	23°36	F 4
S 5	5 17 20	19° 5'08	10♈ 1	29°11	20°54	12°39	27°14	6°27	8°13	25°40	29°43	23°46	25° 0	9°36	23°36	S 5
S 6	5 21 16	20° 6'18	24° 1	0♉47	21° 0	13°20	27° 9	6°33	8°13	25°40	29°45	23°42	24°57	9°43	23°36	S 6
M 7	5 25 13	21° 7'29	7♉55	2°23	21° 4	14° 1	27° 4	6°39	8°13	25°41	29°46	23°38	24°54	9°49	23°37	M 7
T 8	5 29 10	22° 8'40	21°39	3°59	21°R 5	14°43	26°59	6°44	8°R13	25°41	29°48	23°32	24°51	9°56	23°37	T 8
W 9	5 33 6	23° 9'50	5♊11	5°35	21° 4	15°24	26°53	6°50	8°13	25°41	29°49	23°27	24°47	10° 3	23°38	W 9
T 10	5 37 3	24°11'01	18°29	7°10	21° 1	16° 5	26°48	6°56	8°13	25°41	29°51	23°23	24°44	10° 9	23°38	T 10
F 11	5 40 59	25°12'12	1♋30	8°46	20°55	16°46	26°42	7° 1	8°12	25°42	29°52	23°20	24°41	10°16	23°39	F 11
S 12	5 44 56	26°13'23	14°15	10°21	20°46	17°27	26°36	7° 7	8°12	25°42	29°54	23°18	24°38	10°23	23°40	S 12
S 13	5 48 52	27°14'34	26°44	11°55	20°35	18° 8	26°30	7°12	8°12	25°42	29°55	23°D18	24°35	10°29	23°40	S 13
M14	5 52 49	28°15'46	8♌59	13°29	20°21	18°50	26°24	7°18	8°12	25°43	29°57	23°18	24°32	10°36	23°41	M14
T 15	5 56 46	29°16'57	21° 1	15° 1	20° 5	19°31	26°17	7°23	8°11	25°43	29°59	23°20	24°28	10°43	23°42	T 15
W16	6 0 42	0♉18'08	2♍56	16°33	19°47	20°12	26°11	7°28	8°11	25°44	0♒ 0	23°22	24°25	10°49	23°43	W16
T 17	6 4 39	1°19'19	14°46	18° 3	19°26	20°53	26° 4	7°33	8°10	25°44	0° 2	23°23	24°22	10°56	23°44	T 17
F 18	6 8 35	2°20'31	26°37	19°32	19° 3	21°35	25°57	7°38	8°10	25°45	0° 4	23°24	24°19	11° 3	23°45	F 18
S 19	6 12 32	3°21'42	8♎33	20°58	18°38	22°16	25°51	7°44	8° 9	25°46	0° 5	23°R24	24°16	11° 9	23°46	S 19
S 20	6 16 28	4°22'54	20°41	22°22	18°10	22°58	25°44	7°49	8° 9	25°46	0° 7	23°24	24°13	11°16	23°47	S 20
M21	6 20 25	5°24'05	3♏ 3	23°43	17°41	23°39	25°37	7°53	8° 8	25°47	0° 9	23°22	24° 9	11°23	23°48	M21
T 22	6 24 21	6°25'17	15°44	25° 0	17°10	24°20	25°29	7°58	8° 7	25°48	0°10	23°19	24° 6	11°30	23°49	T 22
W23	6 28 18	7°26'28	28°46	26°13	16°38	25° 2	25°22	8° 3	8° 6	25°48	0°12	23°17	24° 3	11°36	23°51	W23
T 24	6 32 15	8°27'39	12♐11	27°21	16° 4	25°43	25°15	8° 8	8° 5	25°49	0°14	23°15	24° 0	11°43	23°52	T 24
F 25	6 36 11	9°28'50	25°58	28°23	15°30	26°25	25° 7	8°12	8° 5	25°50	0°15	23°13	23°57	11°50	23°53	F 25
S 26	6 40 8	10°30'01	10♉ 5	29°19	14°54	27° 7	25° 0	8°17	8° 4	25°51	0°17	23°12	23°54	11°56	23°55	S 26
S 27	6 44 4	11°31'10	24°27	0♒ 8	14°18	27°48	24°52	8°21	8° 3	25°52	0°19	23°D12	23°50	12° 3	23°56	S 27
M28	6 48 1	12°32'20	8♒59	0°48	13°41	28°30	24°45	8°26	8° 1	25°53	0°21	23°12	23°47	12°10	23°58	M28
T 29	6 51 57	13°33'28	23°34	1°20	13° 4	29°11	24°37	8°30	8° 0	25°53	0°22	23°13	23°44	12°16	23°59	T 29
W30	6 55 54	14°34'36	8♓ 8	1°41	12°27	29°53	24°29	8°34	7°59	25°54	0°24	23°14	23°41	12°23	24° 1	W30
T 31	6 59 50	15♉35'42	22♓34	1°R52	11♉51	0♐35	24♋21	8♏38	7♍58	25♓55	0♒26	23♉14	23♉38	12♍30	24♓ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s43	15s11	1n45	25s21	1s59	23s11	1s 9	14s23	0n30	21n17	0n32	11s30	2n14	9n16	0n46	3s 9	1s33	27s 1	6s51	21s28	21s12	4n52	0n59	3n52
W 2	22 50	9 38	2 54	25 28	2 2	22 58	0 58	14 37	0 30	21 18	0 32	11 32	2 15	9 15	0 46	3 9	1 33	27 1	6 51	21 28	21 13	4 49	0 59	3 51
T 3	22 56	3 36	3 52	25 34	2 4	22 46	0 47	14 50	0 29	21 19	0 32	11 33	2 15	9 15	0 47	3 9	1 33	27 1	6 51	21 27	21 13	4 46	0 59	3 51
F 4	23 2	2n35	4 36	25 39	2 6	22 33	0 36	15 3	0 29	21 20	0 33	11 35	2 15	9 15	0 47	3 9	1 33	27 0	6 51	21 27	21 14	4 43	0 59	3 51
S 5	23 7	8 37	5 3	25 41	2 8	22 20	0 24	15 16	0 28	21 21	0 33	11 37	2 15	9 15	0 47	3 9	1 33	27 0	6 51	21 28	21 15	4 40	0 58	3 51
S 6	23 12	14 11	5 12	25 43	2 9	22 7	0 12	15 29	0 28	21 23	0 33	11 39	2 15	9 15	0 47	3 9	1 33	27 0	6 51	21 28	21 15	4 37	0 58	3 50
M 7	23 16	18 59	5 2	25 42	2 10	21 54	0n 0	15 42	0 27	21 24	0 33	11 41	2 15	9 15	0 47	3 9	1 33	26 59	6 51	21 29	21 16	4 33	0 58	3 50
T 8	23 20	22 42	4 35	25 41	2 10	21 41	0 13	15 55	0 26	21 25	0 33	11 42	2 15	9 15	0 47	3 9	1 33	26 59	6 51	21 30	21 16	4 30	0 58	3 50
W 9	23 23	25 6	3 53	25 37	2 10	21 28	0 26	16 7	0 26	21 26	0 34	11 44	2 15	9 15	0 47	3 9	1 33	26 58	6 51	21 31	21 17	4 27	0 58	3 50
T 10	23 26	26 2	2 59	25 32	2 10	21 15	0 40	16 20	0 25	21 28	0 34	11 46	2 16	9 15	0 47	3 9	1 33	26 58	6 51	21 32	21 17	4 24	0 58	3 49
F 11	23 29	25 30	1 57	25 25	2 9	21 2	0 54	16 32	0 25	21 29	0 34	11 48	2 16	9 16	0 47	3 8	1 33	26 58	6 51	21 32	21 18	4 21	0 58	3 49
S 12	23 31	23 37	0 49	25 16	2 7	20 49	1 8	16 45	0 24	21 30	0 34	11 49	2 16	9 16	0 47	3 8	1 33	26 57	6 51	21 33	21 19	4 18	0 58	3 49
S 13	23 32	20 37	0s19	25 6	2 5	20 37	1 23	16 57	0 24	21 32	0 34	11 51	2 16	9 16	0 47	3 8	1 33	26 57	6 50	21 33	21 19	4 15	0 58	3 49
M14	23 33	16 44	1 25	24 54	2 2	20 24	1 38	17 9	0 23	21 33	0 35	11 52	2 16	9 16	0 47	3 8	1 33	26 57	6 50	21 32	21 20	4 12	0 58	3 48
T 15	23 34	12 15	2 27	24 40	1 58	20 11	1 53	17 21	0 22	21 34	0 35	11 54	2 16	9 16	0 47	3 7	1 33	26 56	6 50	21 32	21 20	4 9	0 58	3 48
W16	23 34	7 21	3 21	24 25	1 54	19 59	2 8	17 32	0 22	21 36	0 35	11 56	2 16	9 16	0 47	3 7	1 33	26 56	6 50	21 32	21 21	4 6	0 59	3 48
T 17	23 33	2 14	4 7	24 9	1 49	19 47	2 24	17 44	0 21	21 37	0 35	11 57	2 17	9 17	0 47	3 7	1 33	26 55	6 50	21 32	21 21	4 3	0 59	3 48
F 18	23 33	2s57	4 42	23 50	1 43	19 35	2 39	17 55	0 21	21 39	0 35	11 59	2 17	9 17	0 47	3 7	1 33	26 55	6 50	21 31	21 22	3 59	0 59	3 47
S 19	23 31	8 5	5 5	23 31	1 37	19 23	2 55	18 7	0 20	21 40	0 35	12 0	2 17	9 17	0 47	3 6	1 32	26 55	6 50	21 31	21 22	3 56	0 59	3 47
S 20	23 29	12 58	5 15	23 10	1 29	19 11	3 10	18 18	0 19	21 42	0 36	12 2	2 17	9 17	0 47	3 6	1 32	26 54	6 50	21 32	21 23	3 53	0 59	3 47
M21	23 27	17 27	5 11	22 48	1 21	18 59	3 26	18 29	0 19	21 43	0 36	12 3	2 17	9 18	0 47	3 6	1 32	26 54	6 50	21 32	21 24	3 50	0 59	3 47
T 22	23 24	21 17	4 52	22 25	1 11	18 48	3 41	18 40	0 18	21 45	0 36	12 4	2 17	9 18	0 47	3 6	1 32	26 53	6 50	21 32	21 24	3 47	1 0	3 46
W23	23 21	24 10	4 17	22 1	1 1	18 37	3 56	18 51	0 17	21 46	0 36	12 6	2 18	9 18	0 47	3 5	1 32	26 53	6 50	21 33	21 25	3 44	1 0	3 46
T 24	23 18	25 48	3 28	21 37	0 50	18 26	4 11	19 1	0 17	21 48	0 36	12 7	2 18	9 19	0 47	3 5	1 32	26 53	6 50	21 33	21 25	3 41	1 0	3 46
F 25	23 13	25 55	2 25	21 12	0 37	18 16	4 26	19 12	0 16	21 49	0 36	12 8	2 18	9 19	0 47	3 4	1 32	26 52	6 50	21 33	21 26	3 38	1 1	3 46
S 26	23 9	24 23	1 12	20 47	0 24	18 5	4 40	19 22	0 15	21 51	0 37	12 10	2 18	9 19	0 48	3 4	1 32	26 52	6 50	21 34	21 26	3 35	1 1	3 45
S 27	23 4	21 14	0n 7	20 23	0 9	17 56	4 53	19 32	0 15	21 52	0 37	12 11	2 18	9 20	0 48	3 4	1 32	26 52	6 50	21 34	21 27	3 32	1 1	3 45
M28	22 58	16 43	1 26	19 59	0n 6	17 46	5 7	19 42	0 14	21 54	0 37	12 12	2 18	9 20	0 48	3 3	1 32	26 51	6 50	21 33	21 27	3 29	1 2	3 45
T 29	22 52	11 12	2 41	19 36	0 23	17 37	5 19	19 52	0 13	21 55	0 37	12 13	2 19	9 21	0 48	3 3	1 32	26 51	6 50	21 33	21 28	3 25	1 2	3 45
W30	22 46	5 6	3 44	19 14	0 40	17 29	5 31	20 1	0 13	21 57	0 37	12 15	2 19	9 21	0 48	3 2	1 32	26 50	6 50	21 33	21 29	3 22	1 2	3 44
T 31	22s39	1n13	4n33	18s54	0n58	17s21	5n42	20s11	0n12	21n58	0n37	12s16	2n19	9n22	0n48	3s 2	1s32	26s50	6s50	21s33	21s29	3n19	1n 3	3n44

Julian Day Number = 2101617.5, Delta T = 21m14s
Ecliptic obliquity = 23°33'52, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'08, Lahiri = 10°30'08 Julian Calendar 1 Dec. 1041 == Greg. Calendar 7 Dec. 1041

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1042
geocentric

JANUARY 1042 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 3 47	16♑36'48	6♈50	1°R51	11°R15	1♐16	24°R13	8♏42	7°R57	25♓56	0♒28	23♑15	23♑34	12♍36	24♓ 4	F 1
S 2	7 7 44	17°37'52	20°54	1♒39	10♑40	1°58	24♋ 5	8°46	7♍55	25°58	0°30	23°R15	23°31	12°43	24° 6	S 2
S 3	7 11 40	18°38'55	4♉43	1°16	10° 6	2°40	23°57	8°50	7°54	25°59	0°31	23°15	23°28	12°50	24° 8	S 3
M 4	7 15 37	19°39'58	18°17	0°41	9°34	3°22	23°49	8°54	7°53	26° 0	0°33	23°14	23°25	12°57	24°10	M 4
T 5	7 19 33	20°40'59	1♊37	29♑56	9° 3	4° 4	23°41	8°58	7°51	26° 1	0°35	23°14	23°22	13° 3	24°12	T 5
W 6	7 23 30	21°41'59	14°43	29° 1	8°33	4°45	23°33	9° 1	7°50	26° 2	0°37	23°14	23°19	13°10	24°14	W 6
T 7	7 27 26	22°42'58	27°35	27°58	8° 6	5°27	23°25	9° 5	7°48	26° 3	0°39	23°14	23°15	13°17	24°16	T 7
F 8	7 31 23	23°43'56	10♋15	26°49	7°40	6° 9	23°17	9° 8	7°46	26° 5	0°40	23°D14	23°12	13°23	24°18	F 8
S 9	7 35 20	24°44'53	22°43	25°36	7°17	6°51	23° 9	9°12	7°45	26° 6	0°42	23°R14	23° 9	13°30	24°20	S 9
S 10	7 39 16	25°45'49	4♌59	24°21	6°56	7°33	23° 1	9°15	7°43	26° 7	0°44	23°14	23° 6	13°37	24°22	S 10
M11	7 43 13	26°46'44	17° 6	23° 7	6°37	8°15	22°53	9°18	7°41	26° 8	0°46	23°13	23° 3	13°43	24°24	M11
T 12	7 47 9	27°47'37	29° 5	21°55	6°21	8°57	22°45	9°21	7°40	26°10	0°48	23°13	23° 0	13°50	24°26	T 12
W13	7 51 6	28°48'30	10♍58	20°47	6° 7	9°39	22°37	9°24	7°38	26°11	0°50	23°12	22°56	13°57	24°28	W13
T 14	7 55 2	29°49'22	22°49	19°45	5°56	10°21	22°30	9°27	7°36	26°13	0°51	23°11	22°53	14° 3	24°31	T 14
F 15	7 58 59	0♒50'12	4♎40	18°50	5°47	11° 3	22°22	9°30	7°34	26°14	0°53	23°10	22°50	14°10	24°33	F 15
S 16	8 2 55	1°51'02	16°36	18° 2	5°40	11°45	22°14	9°33	7°32	26°16	0°55	23°10	22°47	14°17	24°35	S 16
S 17	8 6 52	2°51'51	28°40	17°22	5°37	12°27	22° 6	9°35	7°30	26°17	0°57	23°D 9	22°44	14°24	24°38	S 17
M18	8 10 48	3°52'38	10♏59	16°51	5°D35	13°10	21°58	9°38	7°28	26°19	0°59	23° 9	22°40	14°30	24°40	M18
T 19	8 14 45	4°53'25	23°35	16°29	5°36	13°52	21°51	9°40	7°26	26°20	1° 1	23°10	22°37	14°37	24°43	T 19
W20	8 18 42	5°54'11	6♐33	16°14	5°40	14°34	21°43	9°43	7°24	26°22	1° 2	23°11	22°34	14°44	24°45	W20
T 21	8 22 38	6°54'56	19°57	16°D 7	5°46	15°16	21°36	9°45	7°22	26°23	1° 4	23°12	22°31	14°50	24°48	T 21
F 22	8 26 35	7°55'39	3♑46	16° 8	5°54	15°58	21°28	9°47	7°20	26°25	1° 6	23°13	22°28	14°57	24°51	F 22
S 23	8 30 31	8°56'21	18° 1	16°15	6° 4	16°41	21°21	9°49	7°18	26°27	1° 8	23°R14	22°25	15° 4	24°53	S 23
S 24	8 34 28	9°57'02	2♒39	16°29	6°17	17°23	21°13	9°51	7°15	26°28	1°10	23°14	22°21	15°10	24°56	S 24
M25	8 38 24	10°57'42	17°32	16°50	6°31	18° 5	21° 6	9°53	7°13	26°30	1°11	23°12	22°18	15°17	24°59	M25
T 26	8 42 21	11°58'19	2♓34	17°15	6°48	18°48	20°59	9°55	7°11	26°32	1°13	23°11	22°15	15°24	25° 1	T 26
W27	8 46 18	12°58'55	17°35	17°46	7° 7	19°30	20°52	9°56	7° 9	26°33	1°15	23° 8	22°12	15°30	25° 4	W27
T 28	8 50 14	13°59'29	2♈26	18°22	7°27	20°12	20°45	9°58	7° 6	26°35	1°17	23° 5	22° 9	15°37	25° 7	T 28
F 29	8 54 11	15° 0'02	17° 2	19° 2	7°50	20°55	20°39	9°59	7° 4	26°37	1°19	23° 3	22° 5	15°44	25°10	F 29
S 30	8 58 7	16° 0'32	1♉16	19°47	8°14	21°37	20°32	10° 1	7° 2	26°39	1°20	23° 1	22° 2	15°51	25°13	S 30
S 31	9 2 4	17♒ 1'01	15♉ 7	20♑35	8♑40	22♐20	20♋25	10♏ 2	6♍59	26♓41	1♒22	23°D 0	21♑59	15♍57	25♓16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s32	7n23	5n 4	18s37	1n16	17s14	5n53	20s20	0n11	22n 0	0n38	12s17	2n19	9n22	0n48	3s 2	1s32	26s50	6s50	21s33	21s30	3n16	1n 3	3n44
S 2	22 24	13 5	5 17	18 21	1 35	17 7	6 2	20 29	0 11	22 1	0 38	12 18	2 19	9 23	0 48	3 1	1 32	26 49	6 50	21 33	21 30	3 13	1 4	3 44
S 3	22 16	18 2	5 11	18 9	1 53	17 0	6 11	20 38	0 10	22 3	0 38	12 19	2 20	9 23	0 48	3 1	1 32	26 49	6 50	21 33	21 31	3 10	1 4	3 43
M 4	22 7	21 58	4 48	17 59	2 11	16 54	6 20	20 47	0 9	22 5	0 38	12 20	2 20	9 24	0 48	3 0	1 32	26 48	6 50	21 33	21 31	3 7	1 5	3 43
T 5	21 58	24 39	4 9	17 51	2 28	16 49	6 27	20 56	0 8	22 6	0 38	12 21	2 20	9 25	0 48	3 0	1 32	26 48	6 50	21 33	21 32	3 4	1 5	3 43
W 6	21 48	25 58	3 18	17 47	2 44	16 45	6 33	21 4	0 8	22 8	0 38	12 22	2 20	9 25	0 48	2 59	1 32	26 48	6 51	21 33	21 32	3 1	1 6	3 43
T 7	21 38	25 50	2 18	17 45	2 59	16 40	6 39	21 13	0 7	22 9	0 38	12 23	2 20	9 26	0 48	2 59	1 32	26 47	6 51	21 33	21 33	2 58	1 7	3 42
F 8	21 28	24 21	1 11	17 46	3 11	16 37	6 44	21 21	0 6	22 11	0 39	12 24	2 20	9 26	0 48	2 58	1 32	26 47	6 51	21 33	21 33	2 55	1 7	3 42
S 9	21 17	21 41	0 3	17 50	3 22	16 34	6 48	21 29	0 6	22 12	0 39	12 25	2 21	9 27	0 48	2 58	1 32	26 47	6 51	21 33	21 34	2 52	1 8	3 42
S 10	21 6	18 4	1s 5	17 55	3 30	16 32	6 52	21 36	0 5	22 14	0 39	12 26	2 21	9 28	0 48	2 57	1 32	26 46	6 51	21 33	21 35	2 48	1 8	3 42
M11	20 55	13 45	2 9	18 2	3 35	16 30	6 54	21 44	0 4	22 15	0 39	12 26	2 21	9 28	0 48	2 56	1 31	26 46	6 51	21 33	21 35	2 45	1 9	3 42
T 12	20 43	8 57	3 6	18 11	3 38	16 29	6 56	21 51	0 3	22 16	0 39	12 27	2 21	9 29	0 48	2 56	1 31	26 46	6 51	21 33	21 36	2 42	1 10	3 41
W13	20 30	3 52	3 55	18 20	3 39	16 28	6 58	21 58	0 2	22 18	0 39	12 28	2 22	9 30	0 48	2 55	1 31	26 45	6 51	21 33	21 36	2 39	1 11	3 41
T 14	20 18	1s19	4 34	18 31	3 37	16 28	6 58	22 5	0 2	22 19	0 39	12 29	2 22	9 30	0 48	2 55	1 31	26 45	6 51	21 34	21 37	2 36	1 11	3 41
F 15	20 5	6 27	5 1	18 42	3 34	16 28	6 58	22 12	0 1	22 21	0 39	12 29	2 22	9 31	0 48	2 54	1 31	26 44	6 51	21 34	21 37	2 33	1 12	3 41
S 16	19 51	11 24	5 15	18 54	3 28	16 29	6 58	22 19	0 0	22 22	0 39	12 30	2 22	9 32	0 48	2 53	1 31	26 44	6 51	21 34	21 38	2 30	1 13	3 41
S 17	19 37	15 58	5 16	19 6	3 22	16 30	6 57	22 25	0s 1	22 23	0 40	12 31	2 22	9 33	0 48	2 53	1 31	26 44	6 51	21 34	21 38	2 27	1 14	3 40
M18	19 23	19 58	5 2	19 18	3 13	16 32	6 55	22 31	0 1	22 25	0 40	12 31	2 23	9 34	0 48	2 52	1 31	26 43	6 51	21 34	21 39	2 24	1 14	3 40
T 19	19 9	23 11	4 34	19 30	3 4	16 34	6 53	22 37	0 2	22 26	0 40	12 32	2 23	9 34	0 48	2 51	1 31	26 43	6 51	21 34	21 39	2 21	1 15	3 40
W20	18 54	25 18	3 51	19 42	2 54	16 36	6 51	22 43	0 3	22 27	0 40	12 32	2 23	9 35	0 48	2 51	1 31	26 43	6 51	21 34	21 40	2 18	1 16	3 40
T 21	18 38	26 4	2 54	19 53	2 43	16 39	6 48	22 49	0 4	22 29	0 40	12 33	2 23	9 36	0 48	2 50	1 31	26 42	6 51	21 34	21 40	2 15	1 17	3 40
F 22	18 23	25 16	1 46	20 4	2 32	16 42	6 44	22 54	0 5	22 30	0 40	12 33	2 23	9 37	0 48	2 49	1 31	26 42	6 52	21 33	21 41	2 11	1 18	3 39
S 23	18 7	22 49	0 29	20 15	2 21	16 45	6 41	22 59	0 5	22 31	0 40	12 34	2 24	9 38	0 48	2 49	1 31	26 42	6 52	21 33	21 41	2 8	1 19	3 39
S 24	17 51	18 50	0n52	20 25	2 9	16 49	6 37	23 4	0 6	22 33	0 40	12 34	2 24	9 38	0 48	2 48	1 31	26 41	6 52	21 33	21 42	2 5	1 19	3 39
M25	17 34	13 35	2 10	20 34	1 57	16 52	6 32	23 9	0 7	22 34	0 40	12 35	2 24	9 39	0 48	2 47	1 31	26 41	6 52	21 33	21 42	2 2	1 20	3 39
T 26	17 17	7 30	3 20	20 42	1 45	16 56	6 28	23 13	0 8	22 35	0 40	12 35	2 24	9 40	0 49	2 47	1 31	26 41	6 52	21 34	21 43	1 59	1 21	3 39
W27	17 0	1 0	4 17	20 50	1 33	17 0	6 23	23 18	0 9	22 36	0 40	12 35	2 25	9 41	0 49	2 46	1 31	26 40	6 52	21 34	21 43	1 56	1 22	3 38
T 28	16 43	5n29	4 55	20 57	1 22	17 4	6 18	23 22	0 10	22 37	0 41	12 35	2 25	9 42	0 49	2 45	1 31	26 40	6 52	21 35	21 44	1 53	1 23	3 38
F 29	16 25	11 32	5 13	21 3	1 10	17 8	6 12	23 26	0 11	22 38	0 41	12 36	2 25	9 43	0 49	2 44	1 31	26 40	6 52	21 35	21 45	1 50	1 24	3 38
S 30	16 7	16 50	5 12	21 8	0 59	17 12	6 7	23 29	0 11	22 39	0 41	12 36	2 25	9 44	0 49	2 44	1 31	26 40	6 52	21 35	21 45	1 47	1 25	3 38
S 31	15s49	21n 6	4n52	21s12	0n47	17s16	6n 1	23s33	0s12	22n40	0n41	12s36	2n25	9n45	0n49	2s43	1s31	26s39	6s52	21s35	21s46	1n44	1n26	3n38

Julian Day Number = 2101648.5, Delta T = 21m14s
Ecliptic obliquity = 23°33'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'12, Lahiri = 10°30'13 Julian Calendar 1 Jan. 1042 == Greg. Calendar 7 Jan. 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

FEBRUARY 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 6 0	18♒ 1'28	28♉36	21♑26	9♑ 8	23♐ 2	20°R19	10♏ 3	6°R57	26♓42	1♒24	23♑ 1	21♑56	16♍ 4	25♓19	M 1
T 2	9 9 57	19° 1'53	11♊44	22°21	9°37	23°45	20♋13	10° 4	6♍54	26°44	1°26	23° 2	21°53	16°11	25°21	T 2
W 3	9 13 53	20° 2'15	24°33	23°19	10° 8	24°27	20° 7	10° 5	6°52	26°46	1°28	23° 4	21°50	16°17	25°24	W 3
T 4	9 17 50	21° 2'36	7♋ 7	24°19	10°40	25°10	20° 1	10° 6	6°49	26°48	1°29	23° 5	21°46	16°24	25°27	T 4
F 5	9 21 47	22° 2'55	19°29	25°22	11°13	25°52	19°55	10° 7	6°47	26°50	1°31	23°R 6	21°43	16°31	25°31	F 5
S 6	9 25 43	23° 3'12	1♌40	26°27	11°48	26°35	19°49	10° 7	6°44	26°52	1°33	23° 6	21°40	16°37	25°34	S 6
S 7	9 29 40	24° 3'27	13°44	27°35	12°25	27°17	19°44	10° 8	6°42	26°54	1°34	23° 4	21°37	16°44	25°37	S 7
M 8	9 33 36	25° 3'40	25°42	28°45	13° 2	28° 0	19°38	10° 8	6°39	26°56	1°36	23° 0	21°34	16°51	25°40	M 8
T 9	9 37 33	26° 3'51	7♍36	29°56	13°41	28°43	19°33	10° 9	6°37	26°58	1°38	22°55	21°31	16°58	25°43	T 9
W10	9 41 29	27° 4'01	19°28	1♒10	14°21	29°25	19°28	10° 9	6°34	27° 0	1°40	22°49	21°27	17° 4	25°46	W10
T 11	9 45 26	28° 4'08	1♎19	2°25	15° 2	0♑ 8	19°23	10° 9	6°32	27° 2	1°41	22°43	21°24	17°11	25°49	T 11
F 12	9 49 22	29° 4'14	13°12	3°42	15°45	0°51	19°18	10°R 9	6°29	27° 4	1°43	22°36	21°21	17°18	25°53	F 12
S 13	9 53 19	0♓ 4'18	25° 9	5° 1	16°28	1°33	19°14	10° 9	6°27	27° 6	1°45	22°30	21°18	17°24	25°56	S 13
S 14	9 57 15	1° 4'21	7♏14	6°21	17°12	2°16	19° 9	10° 9	6°24	27° 8	1°46	22°26	21°15	17°31	25°59	S 14
M15	10 1 12	2° 4'22	19°30	7°42	17°57	2°59	19° 5	10° 9	6°21	27°10	1°48	22°23	21°11	17°38	26° 2	M15
T 16	10 5 9	3° 4'21	2♐ 2	9° 5	18°44	3°42	19° 1	10° 8	6°19	27°12	1°49	22°D22	21° 8	17°44	26° 6	T 16
W17	10 9 5	4° 4'19	14°53	10°30	19°31	4°24	18°57	10° 8	6°16	27°14	1°51	22°23	21° 5	17°51	26° 9	W17
T 18	10 13 2	5° 4'15	28° 8	11°56	20°18	5° 7	18°53	10° 7	6°14	27°17	1°53	22°24	21° 2	17°58	26°12	T 18
F 19	10 16 58	6° 4'09	11♑49	13°23	21° 7	5°50	18°50	10° 7	6°11	27°19	1°54	22°25	20°59	18° 5	26°16	F 19
S 20	10 20 55	7° 4'02	25°59	14°51	21°57	6°33	18°46	10° 6	6° 8	27°21	1°56	22°R25	20°56	18°11	26°19	S 20
S 21	10 24 51	8° 3'52	10♒35	16°21	22°47	7°16	18°43	10° 5	6° 6	27°23	1°57	22°24	20°52	18°18	26°22	S 21
M22	10 28 48	9° 3'41	25°34	17°52	23°38	7°59	18°40	10° 4	6° 3	27°25	1°59	22°21	20°49	18°25	26°26	M22
T 23	10 32 44	10° 3'28	10♓47	19°25	24°29	8°42	18°37	10° 3	6° 1	27°27	2° 0	22°15	20°46	18°31	26°29	T 23
W24	10 36 41	11° 3'13	26° 5	20°58	25°22	9°24	18°35	10° 2	5°58	27°30	2° 2	22° 8	20°43	18°38	26°33	W24
T 25	10 40 38	12° 2'55	11♈16	22°33	26°15	10° 7	18°32	10° 0	5°55	27°32	2° 3	22° 0	20°40	18°45	26°36	T 25
F 26	10 44 34	13° 2'36	26°10	24° 9	27° 8	10°50	18°30	9°59	5°53	27°34	2° 5	21°53	20°37	18°51	26°39	F 26
S 27	10 48 31	14° 2'14	10♉41	25°46	28° 2	11°33	18°28	9°58	5°50	27°36	2° 6	21°47	20°33	18°58	26°43	S 27
S 28	10 52 27	15♓ 1'50	24♉43	27♒25	28♑57	12♑16	18♋26	9♏56	5♍48	27♓38	2♒ 8	21♑43	20♑30	19♍ 5	26♓46	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s30	24n 7	4n16	21s15	0n36	17s20	5n55	23s36	0s13	22n41	0n41	12s36	2n26	9n46	0n49	2s42	1s31	26s39	6s53	21s35	21s46	1n41	1n27	3n38
T 2	15 12	25 45	3 28	21 17	0 26	17 24	5 49	23 39	0 14	22 42	0 41	12 36	2 26	9 46	0 49	2 41	1 31	26 39	6 53	21 35	21 47	1 38	1 28	3 37
W 3	14 53	25 57	2 30	21 17	0 15	17 28	5 43	23 42	0 15	22 43	0 41	12 36	2 26	9 47	0 49	2 41	1 31	26 38	6 53	21 35	21 47	1 35	1 29	3 37
T 4	14 33	24 49	1 27	21 17	0 5	17 32	5 37	23 44	0 16	22 44	0 41	12 37	2 26	9 48	0 49	2 40	1 31	26 38	6 53	21 35	21 48	1 32	1 30	3 37
F 5	14 14	22 28	0 20	21 15	0s 5	17 36	5 30	23 47	0 17	22 45	0 41	12 37	2 27	9 49	0 49	2 39	1 31	26 38	6 53	21 35	21 48	1 28	1 31	3 37
S 6	13 54	19 8	0s47	21 12	0 14	17 40	5 24	23 49	0 18	22 46	0 41	12 37	2 27	9 50	0 49	2 38	1 31	26 38	6 53	21 35	21 49	1 25	1 32	3 37
S 7	13 34	15 1	1 51	21 8	0 23	17 43	5 17	23 51	0 19	22 47	0 41	12 36	2 27	9 51	0 49	2 37	1 31	26 37	6 53	21 35	21 49	1 22	1 33	3 37
M 8	13 14	10 22	2 49	21 3	0 32	17 46	5 10	23 53	0 20	22 48	0 41	12 36	2 27	9 52	0 49	2 37	1 31	26 37	6 53	21 35	21 50	1 19	1 35	3 36
T 9	12 54	5 22	3 39	20 56	0 41	17 49	5 4	23 54	0 21	22 49	0 41	12 36	2 27	9 53	0 49	2 36	1 31	26 37	6 54	21 36	21 50	1 16	1 36	3 36
W10	12 33	0 13	4 20	20 48	0 49	17 52	4 57	23 55	0 21	22 49	0 41	12 36	2 28	9 54	0 49	2 35	1 31	26 36	6 54	21 37	21 51	1 13	1 37	3 36
T 11	12 12	4s57	4 49	20 39	0 57	17 54	4 50	23 56	0 22	22 50	0 41	12 36	2 28	9 55	0 49	2 34	1 31	26 36	6 54	21 38	21 51	1 10	1 38	3 36
F 12	11 51	9 56	5 6	20 28	1 4	17 57	4 43	23 57	0 23	22 51	0 41	12 36	2 28	9 56	0 49	2 33	1 31	26 36	6 54	21 40	21 52	1 7	1 39	3 36
S 13	11 30	14 35	5 10	20 16	1 11	17 59	4 36	23 58	0 24	22 51	0 41	12 36	2 28	9 57	0 49	2 32	1 31	26 36	6 54	21 41	21 52	1 4	1 40	3 36
S 14	11 9	18 43	5 0	20 3	1 18	18 0	4 29	23 58	0 25	22 52	0 41	12 35	2 29	9 58	0 49	2 32	1 31	26 36	6 54	21 41	21 53	1 1	1 41	3 36
M15	10 48	22 8	4 37	19 48	1 25	18 1	4 22	23 58	0 26	22 53	0 41	12 35	2 29	9 59	0 49	2 31	1 30	26 35	6 55	21 42	21 53	0 58	1 43	3 36
T 16	10 26	24 35	3 59	19 32	1 31	18 2	4 15	23 58	0 27	22 53	0 41	12 35	2 29	10 0	0 49	2 30	1 30	26 35	6 55	21 42	21 54	0 55	1 44	3 35
W17	10 4	25 50	3 9	19 15	1 37	18 3	4 8	23 58	0 28	22 54	0 41	12 34	2 29	10 1	0 49	2 29	1 30	26 35	6 55	21 42	21 54	0 52	1 45	3 35
T 18	9 42	25 41	2 8	18 56	1 42	18 3	4 1	23 57	0 29	22 54	0 41	12 34	2 29	10 2	0 49	2 28	1 30	26 35	6 55	21 42	21 55	0 49	1 46	3 35
F 19	9 20	23 59	0 57	18 36	1 47	18 3	3 54	23 56	0 30	22 55	0 41	12 34	2 30	10 3	0 49	2 27	1 30	26 34	6 55	21 41	21 55	0 46	1 48	3 35
S 20	8 58	20 45	0n19	18 14	1 51	18 2	3 47	23 55	0 31	22 55	0 41	12 33	2 30	10 4	0 49	2 26	1 30	26 34	6 55	21 41	21 56	0 43	1 49	3 35
S 21	8 35	16 8	1 37	17 51	1 56	18 1	3 40	23 54	0 32	22 56	0 41	12 33	2 30	10 5	0 49	2 26	1 30	26 34	6 56	21 41	21 56	0 40	1 50	3 35
M22	8 13	10 25	2 49	17 27	1 59	17 59	3 33	23 53	0 33	22 56	0 41	12 32	2 30	10 6	0 49	2 25	1 30	26 34	6 56	21 42	21 57	0 36	1 51	3 35
T 23	7 50	4 0	3 51	17 1	2 3	17 57	3 26	23 51	0 34	22 57	0 41	12 32	2 30	10 7	0 49	2 24	1 30	26 34	6 56	21 43	21 57	0 33	1 53	3 35
W24	7 27	2n39	4 36	16 34	2 6	17 55	3 19	23 49	0 35	22 57	0 41	12 31	2 31	10 8	0 49	2 23	1 30	26 33	6 56	21 44	21 58	0 30	1 54	3 34
T 25	7 5	9 6	5 2	16 5	2 8	17 52	3 12	23 47	0 36	22 57	0 41	12 30	2 31	10 9	0 49	2 22	1 30	26 33	6 56	21 45	21 58	0 27	1 55	3 34
F 26	6 42	14 54	5 6	15 35	2 10	17 49	3 5	23 44	0 37	22 58	0 41	12 30	2 31	10 9	0 49	2 21	1 30	26 33	6 56	21 47	21 58	0 24	1 56	3 34
S 27	6 19	19 42	4 51	15 4	2 12	17 45	2 58	23 42	0 38	22 58	0 41	12 29	2 31	10 10	0 49	2 20	1 30	26 33	6 57	21 48	21 59	0 21	1 58	3 34
S 28	5s56	23n13	4n18	14s31	2s13	17s41	2n51	23s39	0s39	22n58	0n41	12s28	2n31	10n11	0n49	2s19	1s30	26s33	6s57	21s48	21s59	0n18	1n59	3n34

Julian Day Number = 2101679.5, Delta T = 21m14s
Ecliptic obliquity = 23°33'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'16, Lahiri = 10°30'17 Julian Calendar 1 Feb. 1042 == Greg. Calendar 7 Feb. 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

MARCH 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 56 24	16♓ 1'23	8♊17	29♒ 5	29♉52	12♉59	18°R25	9°R54	5°R45	27♓41	2♒ 9	21°R41	20♉27	19♍12	26♓50	M 1
T 2	11 0 20	17° 0'55	21°24	0♓46	0♒48	13°42	18♋23	9♏53	5♍42	27°43	2°11	21°D41	20°24	19°18	26°53	T 2
W 3	11 4 17	18° 0'24	4♋ 9	2°28	1°44	14°25	18°22	9°51	5°40	27°45	2°12	21♉41	20°21	19°25	26°57	W 3
T 4	11 8 13	18°59'50	16°34	4°12	2°41	15° 8	18°21	9°49	5°37	27°47	2°13	21°R42	20°17	19°32	27° 0	T 4
F 5	11 12 10	19°59'14	28°46	5°57	3°38	15°51	18°20	9°47	5°35	27°50	2°15	21°42	20°14	19°38	27° 4	F 5
S 6	11 16 7	20°58'36	10♌47	7°43	4°35	16°34	18°19	9°45	5°32	27°52	2°16	21°40	20°11	19°45	27° 7	S 6
S 7	11 20 3	21°57'56	22°43	9°31	5°33	17°17	18°19	9°42	5°30	27°54	2°17	21°36	20° 8	19°52	27°11	S 7
M 8	11 24 0	22°57'13	4♍34	11°20	6°32	18° 0	18°18	9°40	5°27	27°56	2°19	21°28	20° 5	19°58	27°14	M 8
T 9	11 27 56	23°56'28	16°25	13°10	7°31	18°43	18°D18	9°38	5°25	27°59	2°20	21°19	20° 2	20° 5	27°18	T 9
W10	11 31 53	24°55'41	28°17	15° 2	8°30	19°26	18°18	9°35	5°23	28° 1	2°21	21° 7	19°58	20°12	27°21	W10
T 11	11 35 49	25°54'52	10♎11	16°55	9°30	20° 9	18°18	9°33	5°20	28° 3	2°22	20°55	19°55	20°19	27°25	T 11
F 12	11 39 46	26°54'00	22° 9	18°49	10°30	20°52	18°19	9°30	5°18	28° 5	2°23	20°43	19°52	20°25	27°28	F 12
S 13	11 43 42	27°53'07	4♏11	20°45	11°30	21°36	18°19	9°27	5°15	28° 8	2°25	20°31	19°49	20°32	27°32	S 13
S 14	11 47 39	28°52'12	16°22	22°42	12°31	22°19	18°20	9°25	5°13	28°10	2°26	20°22	19°46	20°39	27°36	S 14
M15	11 51 36	29°51'15	28°41	24°40	13°32	23° 2	18°21	9°22	5°11	28°12	2°27	20°15	19°42	20°45	27°39	M15
T 16	11 55 32	0♈50'17	11♐14	26°40	14°33	23°45	18°23	9°19	5° 9	28°15	2°28	20°11	19°39	20°52	27°43	T 16
W17	11 59 29	1°49'16	24° 3	28°41	15°35	24°28	18°24	9°16	5° 6	28°17	2°29	20°10	19°36	20°59	27°46	W17
T 18	12 3 25	2°48'14	7♑11	0♈43	16°37	25°11	18°25	9°13	5° 4	28°19	2°30	20°D 9	19°33	21° 6	27°50	T 18
F 19	12 7 22	3°47'10	20°43	2°46	17°39	25°54	18°27	9° 9	5° 2	28°21	2°31	20°R10	19°30	21°12	27°53	F 19
S 20	12 11 18	4°46'05	4♒41	4°50	18°42	26°37	18°29	9° 6	5° 0	28°24	2°32	20° 9	19°27	21°19	27°57	S 20
S 21	12 15 15	5°44'57	19° 6	6°54	19°44	27°21	18°31	9° 3	4°58	28°26	2°33	20° 6	19°23	21°26	28° 0	S 21
M22	12 19 11	6°43'48	3♓54	9° 0	20°48	28° 4	18°34	9° 0	4°55	28°28	2°34	20° 1	19°20	21°32	28° 4	M22
T 23	12 23 8	7°42'36	19° 0	11° 6	21°51	28°47	18°36	8°56	4°53	28°30	2°35	19°53	19°17	21°39	28° 7	T 23
W24	12 27 5	8°41'23	4♈16	13°12	22°54	29°30	18°39	8°53	4°51	28°33	2°36	19°43	19°14	21°46	28°11	W24
T 25	12 31 1	9°40'08	19°31	15°18	23°58	0♒13	18°42	8°49	4°49	28°35	2°37	19°32	19°11	21°52	28°14	T 25
F 26	12 34 58	10°38'50	4♉32	17°24	25° 2	0°56	18°45	8°45	4°47	28°37	2°38	19°22	19° 8	21°59	28°18	F 26
S 27	12 38 54	11°37'31	19°12	19°29	26° 6	1°39	18°48	8°42	4°45	28°39	2°39	19°12	19° 4	22° 6	28°21	S 27
S 28	12 42 51	12°36'10	3♊24	21°34	27°11	2°23	18°51	8°38	4°44	28°42	2°40	19° 5	19° 1	22°13	28°24	S 28
M29	12 46 47	13°34'46	17° 7	23°37	28°15	3° 6	18°55	8°34	4°42	28°44	2°40	19° 1	18°58	22°19	28°28	M29
T 30	12 50 44	14°33'20	0♋20	25°39	29°20	3°49	18°58	8°30	4°40	28°46	2°41	18°59	18°55	22°26	28°31	T 30
W31	12 54 40	15♈31'52	13♋ 7	27♈39	0♓25	4♒32	19♋ 2	8♏26	4♍38	28♓48	2♒42	18♉59	18♉52	22♍33	28♓35	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s32	25n17	3n31	13s57	2s14	17s36	2n44	23s36	0s40	22n59	0n41	12s28	2n32	10n12	0n49	2s19	1s30	26s33	6s57	21s49	22s 0	0n15	2n 0	3n34
T 2	5 9	25 52	2 35	13 21	2 14	17 31	2 38	23 33	0 42	22 59	0 41	12 27	2 32	10 13	0 49	2 18	1 30	26 33	6 57	21 49	22 0	0 12	2 2	3 34
W 3	4 46	25 3	1 33	12 44	2 14	17 26	2 31	23 29	0 43	22 59	0 41	12 26	2 32	10 14	0 49	2 17	1 30	26 32	6 57	21 48	22 1	0 9	2 3	3 34
T 4	4 23	22 59	0 28	12 6	2 14	17 20	2 24	23 25	0 44	22 59	0 41	12 25	2 32	10 15	0 49	2 16	1 30	26 32	6 58	21 48	22 1	0 6	2 4	3 34
F 5	3 59	19 54	0s38	11 26	2 13	17 13	2 17	23 21	0 45	22 59	0 41	12 25	2 32	10 16	0 49	2 15	1 30	26 32	6 58	21 48	22 2	0 3	2 6	3 34
S 6	3 36	16 1	1 40	10 45	2 11	17 6	2 11	23 17	0 46	22 59	0 41	12 24	2 33	10 17	0 49	2 14	1 30	26 32	6 58	21 49	22 2	0s 0	2 7	3 34
S 7	3 12	11 32	2 38	10 2	2 9	16 58	2 4	23 13	0 47	22 59	0 41	12 23	2 33	10 18	0 49	2 13	1 30	26 32	6 58	21 49	22 3	0 3	2 8	3 34
M 8	2 49	6 39	3 28	9 18	2 7	16 50	1 58	23 8	0 48	22 59	0 41	12 22	2 33	10 19	0 49	2 12	1 30	26 32	6 58	21 50	22 3	0 6	2 10	3 34
T 9	2 25	1 34	4 9	8 33	2 3	16 42	1 51	23 4	0 49	22 59	0 41	12 21	2 33	10 20	0 49	2 11	1 30	26 32	6 59	21 52	22 4	0 9	2 11	3 33
W10	2 2	3s34	4 39	7 46	2 0	16 33	1 45	22 59	0 50	22 59	0 41	12 20	2 33	10 21	0 49	2 10	1 30	26 32	6 59	21 54	22 4	0 12	2 12	3 33
T 11	1 38	8 36	4 57	6 58	1 56	16 23	1 39	22 53	0 51	22 59	0 41	12 19	2 33	10 21	0 49	2 9	1 30	26 32	6 59	21 56	22 5	0 15	2 14	3 33
F 12	1 14	13 20	5 2	6 9	1 51	16 13	1 32	22 48	0 52	22 59	0 41	12 18	2 34	10 22	0 49	2 9	1 30	26 32	6 59	21 58	22 5	0 18	2 15	3 33
S 13	0 51	17 35	4 54	5 19	1 46	16 2	1 26	22 42	0 54	22 59	0 41	12 17	2 34	10 23	0 49	2 8	1 30	26 31	7 0	21 59	22 6	0 21	2 16	3 33
S 14	0 27	21 9	4 32	4 27	1 40	15 51	1 20	22 36	0 55	22 59	0 41	12 16	2 34	10 24	0 49	2 7	1 30	26 31	7 0	22 1	22 6	0 24	2 18	3 33
M15	0 4	23 50	3 58	3 34	1 34	15 40	1 14	22 30	0 56	22 59	0 41	12 15	2 34	10 25	0 49	2 6	1 30	26 31	7 0	22 2	22 7	0 27	2 19	3 33
T 16	0n20	25 24	3 11	2 40	1 28	15 28	1 8	22 24	0 57	22 59	0 41	12 14	2 34	10 26	0 49	2 5	1 30	26 31	7 0	22 2	22 7	0 30	2 20	3 33
W17	0 44	25 40	2 14	1 45	1 20	15 16	1 2	22 17	0 58	22 58	0 41	12 13	2 34	10 26	0 49	2 4	1 30	26 31	7 0	22 3	22 7	0 34	2 22	3 33
T 18	1 7	24 30	1 8	0 50	1 13	15 3	0 56	22 11	0 59	22 58	0 41	12 12	2 34	10 27	0 49	2 3	1 30	26 31	7 1	22 3	22 8	0 37	2 23	3 33
F 19	1 31	21 54	0n 3	0n 7	1 4	14 49	0 51	22 4	1 0	22 58	0 41	12 11	2 35	10 28	0 49	2 2	1 30	26 31	7 1	22 3	22 8	0 40	2 25	3 33
S 20	1 54	17 57	1 16	1 5	0 56	14 35	0 45	21 57	1 2	22 58	0 41	12 10	2 35	10 29	0 48	2 1	1 30	26 31	7 1	22 3	22 9	0 43	2 26	3 33
S 21	2 18	12 51	2 27	2 3	0 47	14 21	0 39	21 50	1 3	22 57	0 41	12 8	2 35	10 30	0 48	2 0	1 30	26 31	7 1	22 3	22 9	0 46	2 27	3 33
M22	2 41	6 53	3 29	3 1	0 37	14 6	0 34	21 42	1 4	22 57	0 41	12 7	2 35	10 30	0 48	2 0	1 30	26 31	7 2	22 4	22 10	0 49	2 29	3 33
T 23	3 4	0 24	4 19	4 0	0 27	13 51	0 28	21 34	1 5	22 57	0 41	12 6	2 35	10 31	0 48	1 59	1 30	26 31	7 2	22 5	22 10	0 52	2 30	3 33
W24	3 28	6n 8	4 50	4 59	0 17	13 35	0 23	21 26	1 6	22 56	0 41	12 5	2 35	10 32	0 48	1 58	1 30	26 31	7 2	22 6	22 11	0 55	2 31	3 33
T 25	3 51	12 18	5 1	5 58	0 6	13 19	0 18	21 18	1 7	22 56	0 41	12 4	2 35	10 33	0 48	1 57	1 30	26 31	7 2	22 8	22 11	0 58	2 33	3 33
F 26	4 14	17 39	4 50	6 56	0n 5	13 3	0 13	21 10	1 9	22 55	0 41	12 2	2 35	10 33	0 48	1 56	1 30	26 31	7 3	22 10	22 12	1 1	2 34	3 33
S 27	4 37	21 48	4 21	7 54	0 16	12 46	0 8	21 2	1 10	22 55	0 41	12 1	2 36	10 34	0 48	1 55	1 30	26 31	7 3	22 11	22 12	1 4	2 36	3 33
S 28	5 0	24 29	3 36	8 52	0 27	12 28	0 3	20 53	1 11	22 54	0 41	12 0	2 36	10 35	0 48	1 54	1 31	26 31	7 3	22 12	22 12	1 7	2 37	3 33
M29	5 23	25 35	2 40	9 48	0 38	12 11	0s 2	20 44	1 12	22 54	0 41	11 58	2 36	10 35	0 48	1 53	1 31	26 31	7 3	22 12	22 13	1 10	2 38	3 33
T 30	5 46	25 11	1 37	10 43	0 49	11 52	0 7	20 35	1 13	22 53	0 41	11 57	2 36	10 36	0 48	1 53	1 31	26 31	7 4	22 13	22 13	1 13	2 40	3 33
W31	6n 9	23n26	0n31	11n37	1n 0	11s34	0s12	20s26	1s15	22n53	0n41	11s56	2n36	10n37	0n48	1s52	1s31	26s32	7s 4	22s13	22s14	1s16	2n41	3n33

Julian Day Number = 2101707.5, Delta T = 21m13s
Ecliptic obliquity = 23°33'52, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'20, Lahiri = 10°30'21 Julian Calendar 1 March 1042 == Greg. Calendar 7 March 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

APRIL 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 58 37	16♈30'21	25♋33	29♈36	1♓31	5♒15	19♋ 6	8°R22	4°R36	28♓50	2♒43	18°R59	18♉48	22♍39	28♓38	T 1
F 2	13 2 34	17°28'49	7♌42	1♉31	2°36	5°58	19°11	8♏18	4♍35	28°53	2°43	18♉58	18°45	22°46	28°42	F 2
S 3	13 6 30	18°27'14	19°41	3°24	3°41	6°41	19°15	8°14	4°33	28°55	2°44	18°55	18°42	22°53	28°45	S 3
S 4	13 10 27	19°25'37	1♍33	5°13	4°47	7°24	19°20	8°10	4°31	28°57	2°45	18°50	18°39	23° 0	28°48	S 4
M 5	13 14 23	20°23'58	13°23	6°59	5°53	8° 7	19°24	8° 6	4°30	28°59	2°45	18°42	18°36	23° 6	28°52	M 5
T 6	13 18 20	21°22'17	25°13	8°42	6°59	8°50	19°29	8° 2	4°28	29° 1	2°46	18°31	18°33	23°13	28°55	T 6
W 7	13 22 16	22°20'34	7♎ 7	10°21	8° 5	9°33	19°34	7°58	4°27	29° 3	2°47	18°19	18°29	23°20	28°58	W 7
T 8	13 26 13	23°18'48	19° 7	11°56	9°12	10°16	19°39	7°53	4°25	29° 5	2°47	18° 5	18°26	23°26	29° 2	T 8
F 9	13 30 9	24°17'02	1♏12	13°27	10°18	10°59	19°45	7°49	4°24	29° 7	2°48	17°51	18°23	23°33	29° 5	F 9
S 10	13 34 6	25°15'13	13°25	14°54	11°25	11°42	19°50	7°45	4°23	29°10	2°48	17°38	18°20	23°40	29° 8	S 10
S 11	13 38 2	26°13'23	25°47	16°16	12°32	12°25	19°56	7°41	4°21	29°12	2°49	17°28	18°17	23°47	29°11	S 11
M12	13 41 59	27°11'31	8♐18	17°35	13°38	13° 8	20° 2	7°36	4°20	29°14	2°49	17°20	18°14	23°53	29°14	M12
T 13	13 45 56	28° 9'38	21° 0	18°49	14°46	13°51	20° 8	7°32	4°19	29°16	2°50	17°15	18°10	24° 0	29°18	T 13
W14	13 49 52	29° 7'43	3♑55	19°58	15°53	14°34	20°14	7°27	4°18	29°18	2°50	17°13	18° 7	24° 7	29°21	W14
T 15	13 53 49	0♉ 5'47	17° 6	21° 3	17° 0	15°17	20°20	7°23	4°16	29°20	2°50	17°D12	18° 4	24°13	29°24	T 15
F 16	13 57 45	1° 3'49	0♒36	22° 3	18° 8	16° 0	20°26	7°19	4°15	29°22	2°51	17°R12	18° 1	24°20	29°27	F 16
S 17	14 1 42	2° 1'50	14°26	22°59	19°15	16°43	20°33	7°14	4°14	29°24	2°51	17°12	17°58	24°27	29°30	S 17
S 18	14 5 38	2°59'49	28°37	23°49	20°23	17°26	20°40	7°10	4°13	29°26	2°51	17°10	17°54	24°33	29°33	S 18
M19	14 9 35	3°57'47	13♓ 9	24°35	21°31	18° 8	20°46	7° 5	4°12	29°28	2°51	17° 5	17°51	24°40	29°36	M19
T 20	14 13 31	4°55'44	27°57	25°17	22°39	18°51	20°53	7° 1	4°12	29°30	2°52	16°58	17°48	24°47	29°39	T 20
W21	14 17 28	5°53'39	12♈56	25°53	23°47	19°34	21° 0	6°56	4°11	29°32	2°52	16°49	17°45	24°54	29°42	W21
T 22	14 21 25	6°51'33	27°56	26°24	24°55	20°17	21° 8	6°52	4°10	29°34	2°52	16°39	17°42	25° 0	29°45	T 22
F 23	14 25 21	7°49'26	12♉48	26°50	26° 3	20°59	21°15	6°47	4° 9	29°35	2°52	16°29	17°39	25° 7	29°48	F 23
S 24	14 29 18	8°47'17	27°23	27°11	27°11	21°42	21°22	6°43	4° 9	29°37	2°52	16°20	17°35	25°14	29°51	S 24
S 25	14 33 14	9°45'06	11♊34	27°28	28°20	22°25	21°30	6°38	4° 8	29°39	2°52	16°14	17°32	25°20	29°54	S 25
M26	14 37 11	10°42'54	25°18	27°39	29°28	23° 7	21°38	6°34	4° 7	29°41	2°53	16° 9	17°29	25°27	29°57	M26
T 27	14 41 7	11°40'41	8♋35	27°45	0♈37	23°50	21°46	6°29	4° 7	29°43	2°53	16° 8	17°26	25°34	29°59	T 27
W28	14 45 4	12°38'25	21°26	27°R47	1°45	24°32	21°54	6°25	4° 6	29°45	2°R53	16°D 8	17°23	25°41	0♈ 3	W28
T 29	14 49 0	13°36'08	3♌56	27°43	2°54	25°15	22° 2	6°20	4° 6	29°46	2°53	16° 8	17°20	25°47	0° 5	T 29
F 30	14 52 57	14♉33'49	16♌ 8	27♉35	4♈ 3	25♒57	22♋10	6♏16	4♍ 6	29♓48	2♒53	16°R 8	17♉16	25♍54	0♈ 8	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n31	20n35	0s35	12n30	1n11	11s15	0s16	20s17	1s16	22n52	0n41	11s54	2n36	10n37	0n48	1s51	1s31	26s32	7s 4	22s13	22s14	1s19	2n42	3n33
F 2	6 54	16 52	1 37	13 20	1 21	10 56	0 21	20 7	1 17	22 52	0 41	11 53	2 36	10 38	0 48	1 50	1 31	26 32	7 4	22 13	22 15	1 22	2 44	3 33
S 3	7 16	12 33	2 35	14 8	1 31	10 36	0 25	19 58	1 18	22 51	0 41	11 52	2 36	10 38	0 48	1 49	1 31	26 32	7 5	22 13	22 15	1 25	2 45	3 33
S 4	7 38	7 48	3 25	14 55	1 41	10 16	0 30	19 48	1 19	22 50	0 41	11 50	2 36	10 39	0 48	1 48	1 31	26 32	7 5	22 14	22 16	1 28	2 46	3 33
M 5	8 1	2 47	4 5	15 39	1 50	9 56	0 34	19 38	1 21	22 50	0 41	11 49	2 36	10 39	0 48	1 47	1 31	26 32	7 5	22 15	22 16	1 31	2 48	3 33
T 6	8 23	2s18	4 36	16 21	1 58	9 35	0 38	19 28	1 22	22 49	0 41	11 48	2 36	10 40	0 48	1 47	1 31	26 32	7 5	22 17	22 16	1 34	2 49	3 33
W 7	8 44	7 20	4 54	17 0	2 6	9 14	0 42	19 17	1 23	22 48	0 41	11 46	2 36	10 40	0 48	1 46	1 31	26 32	7 6	22 18	22 17	1 37	2 50	3 33
T 8	9 6	12 8	4 59	17 37	2 14	8 52	0 46	19 7	1 24	22 47	0 41	11 45	2 36	10 41	0 48	1 45	1 31	26 32	7 6	22 20	22 17	1 40	2 52	3 33
F 9	9 28	16 30	4 52	18 11	2 20	8 31	0 50	18 56	1 26	22 46	0 41	11 43	2 36	10 41	0 48	1 44	1 31	26 32	7 6	22 22	22 18	1 43	2 53	3 33
S 10	9 49	20 14	4 30	18 43	2 26	8 9	0 54	18 45	1 27	22 46	0 41	11 42	2 37	10 42	0 48	1 43	1 31	26 33	7 6	22 24	22 18	1 46	2 54	3 33
S 11	10 10	23 7	3 56	19 12	2 31	7 46	0 57	18 34	1 28	22 45	0 41	11 40	2 37	10 42	0 48	1 43	1 31	26 33	7 7	22 25	22 19	1 49	2 56	3 33
M12	10 32	24 56	3 10	19 38	2 35	7 24	1 1	18 23	1 29	22 44	0 41	11 39	2 37	10 43	0 48	1 42	1 31	26 33	7 7	22 26	22 19	1 52	2 57	3 33
T 13	10 53	25 29	2 14	20 2	2 38	7 1	1 4	18 12	1 31	22 43	0 41	11 38	2 37	10 43	0 48	1 41	1 31	26 33	7 7	22 27	22 19	1 55	2 58	3 33
W14	11 13	24 40	1 10	20 23	2 40	6 38	1 7	18 1	1 32	22 42	0 41	11 36	2 37	10 44	0 48	1 40	1 31	26 33	7 7	22 27	22 20	1 58	3 0	3 33
T 15	11 34	22 28	0 1	20 42	2 41	6 15	1 11	17 49	1 33	22 41	0 41	11 35	2 37	10 44	0 48	1 39	1 31	26 33	7 8	22 27	22 20	2 1	3 1	3 33
F 16	11 54	18 59	1n10	20 58	2 41	5 51	1 14	17 37	1 34	22 40	0 41	11 33	2 37	10 44	0 48	1 39	1 31	26 33	7 8	22 27	22 21	2 4	3 2	3 33
S 17	12 14	14 22	2 19	21 12	2 41	5 27	1 17	17 26	1 36	22 39	0 41	11 32	2 37	10 45	0 48	1 38	1 31	26 34	7 8	22 27	22 21	2 7	3 4	3 33
S 18	12 35	8 53	3 21	21 23	2 39	5 3	1 20	17 14	1 37	22 38	0 41	11 30	2 37	10 45	0 48	1 37	1 31	26 34	7 9	22 27	22 22	2 10	3 5	3 33
M19	12 54	2 48	4 11	21 32	2 36	4 39	1 23	17 2	1 38	22 37	0 41	11 29	2 37	10 45	0 48	1 36	1 31	26 34	7 9	22 28	22 22	2 13	3 6	3 33
T 20	13 14	3n33	4 46	21 39	2 32	4 14	1 25	16 49	1 39	22 36	0 41	11 28	2 37	10 46	0 48	1 36	1 31	26 34	7 9	22 29	22 22	2 16	3 7	3 33
W21	13 33	9 45	5 1	21 43	2 27	3 50	1 28	16 37	1 41	22 35	0 40	11 26	2 37	10 46	0 47	1 35	1 31	26 34	7 9	22 30	22 23	2 19	3 9	3 33
T 22	13 53	15 23	4 56	21 44	2 21	3 25	1 30	16 25	1 42	22 34	0 40	11 25	2 37	10 46	0 47	1 34	1 31	26 35	7 10	22 31	22 23	2 22	3 10	3 33
F 23	14 11	20 3	4 31	21 44	2 14	3 0	1 33	16 12	1 43	22 33	0 40	11 23	2 37	10 46	0 47	1 33	1 31	26 35	7 10	22 32	22 24	2 25	3 11	3 34
S 24	14 30	23 23	3 49	21 41	2 6	2 35	1 35	16 0	1 44	22 31	0 40	11 22	2 36	10 47	0 47	1 33	1 31	26 35	7 10	22 34	22 24	2 28	3 12	3 34
S 25	14 49	25 8	2 53	21 35	1 57	2 9	1 37	15 47	1 46	22 30	0 40	11 20	2 36	10 47	0 47	1 32	1 31	26 35	7 10	22 34	22 24	2 31	3 13	3 34
M26	15 7	25 17	1 48	21 28	1 46	1 44	1 39	15 34	1 47	22 29	0 40	11 19	2 36	10 47	0 47	1 31	1 31	26 36	7 11	22 35	22 25	2 34	3 15	3 34
T 27	15 25	23 57	0 40	21 18	1 35	1 18	1 41	15 21	1 48	22 28	0 40	11 18	2 36	10 47	0 47	1 31	1 31	26 36	7 11	22 35	22 25	2 37	3 16	3 34
W28	15 43	21 23	0s28	21 7	1 23	0 53	1 43	15 8	1 50	22 26	0 40	11 16	2 36	10 47	0 47	1 30	1 31	26 36	7 11	22 35	22 26	2 40	3 17	3 34
T 29	16 0	17 51	1 34	20 53	1 9	0 27	1 45	14 55	1 51	22 25	0 40	11 15	2 36	10 47	0 47	1 29	1 31	26 36	7 11	22 35	22 26	2 43	3 18	3 34
F 30	16n17	13n39	2s33	20n37	0n55	0s 1	1s47	14s41	1s52	22n24	0n40	11s13	2n36	10n47	0n47	1s29	1s31	26s37	7s12	22s35	22s27	2s45	3n19	3n34

Julian Day Number = 2101738.5, Delta T = 21m13s
Ecliptic obliquity = 23°33'52, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'25, Lahiri = 10°30'25 Julian Calendar 1 Apr. 1042 == Greg. Calendar 7 Apr. 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

MAY 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 56 54	15♉31'28	28♌ 8	27°R23	5♈12	26♒39	22♋18	6°R12	4°R 5	29♓50	2°R53	16°R 7	17♑13	26♍ 1	0♈11	S 1
S 2	15 0 50	16°29'06	10♍ 1	27♉ 7	6°21	27°22	22°27	6♏ 7	4♍ 5	29°51	2♒52	16♑ 5	17°10	26° 7	0°13	S 2
M 3	15 4 47	17°26'43	21°52	26°47	7°30	28° 4	22°35	6° 3	4° 5	29°53	2°52	16° 0	17° 7	26°14	0°16	M 3
T 4	15 8 43	18°24'18	3♎45	26°23	8°39	28°46	22°44	5°58	4° 5	29°55	2°52	15°52	17° 4	26°21	0°19	T 4
W 5	15 12 40	19°21'51	15°42	25°56	9°48	29°28	22°53	5°54	4° 5	29°56	2°52	15°43	17° 0	26°28	0°21	W 5
T 6	15 16 36	20°19'23	27°48	25°27	10°57	0♓11	23° 2	5°50	4°D 4	29°58	2°52	15°33	16°57	26°34	0°24	T 6
F 7	15 20 33	21°16'54	10♏ 3	24°56	12° 7	0°53	23°11	5°46	4° 4	29°59	2°52	15°23	16°54	26°41	0°26	F 7
S 8	15 24 29	22°14'24	22°29	24°23	13°16	1°35	23°20	5°41	4° 5	0♈ 1	2°51	15°14	16°51	26°48	0°29	S 8
S 9	15 28 26	23°11'52	5♐ 6	23°50	14°26	2°17	23°29	5°37	4° 5	0° 3	2°51	15° 6	16°48	26°54	0°31	S 9
M10	15 32 23	24° 9'20	17°54	23°16	15°35	2°58	23°39	5°33	4° 5	0° 4	2°51	15° 1	16°45	27° 1	0°33	M10
T 11	15 36 19	25° 6'47	0♑54	22°43	16°45	3°40	23°48	5°29	4° 5	0° 6	2°51	14°58	16°41	27° 8	0°36	T 11
W12	15 40 16	26° 4'12	14° 6	22°10	17°55	4°22	23°58	5°25	4° 5	0° 7	2°50	14°D57	16°38	27°15	0°38	W12
T 13	15 44 12	27° 1'37	27°30	21°38	19° 4	5° 4	24° 7	5°21	4° 6	0° 9	2°50	14°58	16°35	27°21	0°40	T 13
F 14	15 48 9	27°59'02	11♒ 8	21° 9	20°14	5°45	24°17	5°17	4° 6	0°10	2°49	14°59	16°32	27°28	0°43	F 14
S 15	15 52 5	28°56'25	24°59	20°42	21°24	6°27	24°27	5°13	4° 6	0°11	2°49	15°R 0	16°29	27°35	0°45	S 15
S 16	15 56 2	29°53'48	9♓ 5	20°18	22°34	7° 9	24°37	5° 9	4° 7	0°13	2°49	14°59	16°25	27°41	0°47	S 16
M17	15 59 58	0♊51'10	23°23	19°57	23°44	7°50	24°47	5° 5	4° 7	0°14	2°48	14°57	16°22	27°48	0°49	M17
T 18	16 3 55	1°48'32	7♈52	19°40	24°54	8°31	24°57	5° 2	4° 8	0°15	2°48	14°54	16°19	27°55	0°51	T 18
W19	16 7 52	2°45'53	22°27	19°26	26° 5	9°13	25° 7	4°58	4° 9	0°17	2°47	14°48	16°16	28° 2	0°53	W19
T 20	16 11 48	3°43'14	7♉ 2	19°17	27°15	9°54	25°17	4°54	4° 9	0°18	2°47	14°42	16°13	28° 8	0°55	T 20
F 21	16 15 45	4°40'34	21°31	19°12	28°25	10°35	25°28	4°51	4°10	0°19	2°46	14°36	16°10	28°15	0°57	F 21
S 22	16 19 41	5°37'53	5♊47	19°D11	29°35	11°16	25°38	4°47	4°11	0°20	2°45	14°31	16° 6	28°22	0°59	S 22
S 23	16 23 38	6°35'12	19°44	19°15	0♉46	11°57	25°49	4°44	4°12	0°22	2°45	14°27	16° 3	28°29	1° 1	S 23
M24	16 27 34	7°32'30	3♋21	19°23	1°56	12°38	25°59	4°40	4°13	0°23	2°44	14°25	16° 0	28°35	1° 3	M24
T 25	16 31 31	8°29'47	16°34	19°36	3° 7	13°18	26°10	4°37	4°14	0°24	2°43	14°D24	15°57	28°42	1° 4	T 25
W26	16 35 28	9°27'03	29°24	19°53	4°17	13°59	26°21	4°33	4°15	0°25	2°43	14°25	15°54	28°49	1° 6	W26
T 27	16 39 24	10°24'19	11♌55	20°15	5°28	14°39	26°32	4°30	4°16	0°26	2°42	14°27	15°51	28°55	1° 8	T 27
F 28	16 43 21	11°21'34	24° 9	20°42	6°38	15°20	26°43	4°27	4°17	0°27	2°41	14°28	15°47	29° 2	1° 9	F 28
S 29	16 47 17	12°18'47	6♍12	21°12	7°49	16° 0	26°54	4°24	4°18	0°28	2°41	14°29	15°44	29° 9	1°11	S 29
S 30	16 51 14	13°16'00	18° 7	21°48	9° 0	16°40	27° 5	4°21	4°19	0°29	2°40	14°R29	15°41	29°16	1°13	S 30
M31	16 55 10	14♊13'13	29♍59	22♉27	10♉11	17♓20	27♋16	4♏18	4♍21	0♈30	2♒39	14♑28	15♑38	29♍22	1♈14	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n34	8n59	3s25	20n20	0n40	0n25	1s48	14s28	1s53	22n22	0n40	11s12	2n36	10n47	0n47	1s28	1s32	26s37	7s12	22s35	22s27	2s48	3n21	3n34
S 2	16 51	4 3	4 7	20 1	0 25	0 51	1 50	14 15	1 55	22 21	0 40	11 11	2 36	10 48	0 47	1 27	1 32	26 37	7 12	22 35	22 27	2 51	3 22	3 34
M 3	17 8	1s 1	4 38	19 40	0 8	1 17	1 51	14 1	1 56	22 19	0 40	11 9	2 36	10 48	0 47	1 27	1 32	26 37	7 13	22 36	22 28	2 54	3 23	3 34
T 4	17 24	6 3	4 58	19 18	0s 9	1 43	1 53	13 48	1 57	22 18	0 40	11 8	2 36	10 48	0 47	1 26	1 32	26 38	7 13	22 37	22 28	2 57	3 24	3 34
W 5	17 40	10 53	5 5	18 56	0 26	2 10	1 54	13 34	1 59	22 16	0 40	11 7	2 36	10 48	0 47	1 25	1 32	26 38	7 13	22 38	22 29	3 0	3 25	3 34
T 6	17 55	15 22	4 58	18 32	0 43	2 36	1 55	13 20	2 0	22 15	0 40	11 5	2 36	10 48	0 47	1 25	1 32	26 38	7 13	22 39	22 29	3 3	3 26	3 35
F 7	18 10	19 17	4 37	18 7	1 0	3 2	1 56	13 6	2 1	22 13	0 40	11 4	2 36	10 48	0 47	1 24	1 32	26 39	7 14	22 40	22 29	3 6	3 27	3 35
S 8	18 25	22 24	4 3	17 43	1 18	3 28	1 57	12 52	2 2	22 12	0 40	11 3	2 35	10 47	0 47	1 24	1 32	26 39	7 14	22 41	22 30	3 9	3 28	3 35
S 9	18 40	24 29	3 17	17 18	1 35	3 55	1 57	12 38	2 4	22 10	0 40	11 1	2 35	10 47	0 47	1 23	1 32	26 39	7 14	22 42	22 30	3 12	3 29	3 35
M10	18 55	25 20	2 20	16 53	1 52	4 21	1 58	12 24	2 5	22 9	0 40	11 0	2 35	10 47	0 47	1 23	1 32	26 40	7 14	22 43	22 31	3 15	3 30	3 35
T 11	19 9	24 49	1 15	16 29	2 8	4 47	1 59	12 10	2 6	22 7	0 40	10 59	2 35	10 47	0 47	1 22	1 32	26 40	7 15	22 43	22 31	3 18	3 31	3 35
W12	19 22	22 53	0 5	16 6	2 23	5 14	1 59	11 56	2 7	22 5	0 40	10 58	2 35	10 47	0 47	1 21	1 32	26 40	7 15	22 43	22 31	3 21	3 32	3 35
T 13	19 36	19 40	1n 7	15 44	2 38	5 40	2 0	11 42	2 9	22 4	0 40	10 56	2 35	10 47	0 47	1 21	1 32	26 41	7 15	22 43	22 32	3 24	3 33	3 35
F 14	19 49	15 20	2 16	15 23	2 51	6 6	2 0	11 28	2 10	22 2	0 40	10 55	2 35	10 47	0 47	1 20	1 32	26 41	7 15	22 43	22 32	3 27	3 34	3 35
S 15	20 2	10 8	3 19	15 4	3 4	6 32	2 0	11 13	2 11	22 0	0 40	10 54	2 35	10 47	0 46	1 20	1 32	26 41	7 16	22 43	22 33	3 30	3 35	3 35
S 16	20 14	4 20	4 11	14 47	3 15	6 58	2 0	10 59	2 12	21 58	0 40	10 53	2 34	10 46	0 46	1 19	1 32	26 42	7 16	22 43	22 33	3 33	3 36	3 36
M17	20 26	1n45	4 47	14 31	3 26	7 24	2 0	10 44	2 14	21 57	0 40	10 52	2 34	10 46	0 46	1 19	1 32	26 42	7 16	22 43	22 33	3 36	3 37	3 36
T 18	20 38	7 49	5 7	14 18	3 35	7 50	2 0	10 30	2 15	21 55	0 40	10 51	2 34	10 46	0 46	1 18	1 32	26 42	7 16	22 44	22 34	3 39	3 38	3 36
W19	20 49	13 30	5 6	14 7	3 43	8 15	2 0	10 16	2 16	21 53	0 40	10 50	2 34	10 46	0 46	1 18	1 32	26 43	7 17	22 44	22 34	3 42	3 39	3 36
T 20	21 0	18 26	4 46	13 58	3 49	8 41	2 0	10 1	2 17	21 51	0 40	10 49	2 34	10 45	0 46	1 18	1 32	26 43	7 17	22 45	22 34	3 44	3 40	3 36
F 21	21 11	22 13	4 8	13 51	3 55	9 6	2 0	9 46	2 19	21 49	0 40	10 48	2 34	10 45	0 46	1 17	1 32	26 43	7 17	22 46	22 35	3 47	3 41	3 36
S 22	21 21	24 34	3 14	13 47	3 59	9 31	1 59	9 32	2 20	21 47	0 40	10 46	2 33	10 45	0 46	1 17	1 33	26 44	7 17	22 46	22 35	3 50	3 42	3 36
S 23	21 31	25 20	2 10	13 45	4 2	9 57	1 59	9 17	2 21	21 45	0 40	10 45	2 33	10 44	0 46	1 16	1 33	26 44	7 18	22 47	22 36	3 53	3 43	3 36
M24	21 41	24 31	1 0	13 46	4 3	10 21	1 58	9 3	2 22	21 43	0 40	10 45	2 33	10 44	0 46	1 16	1 33	26 45	7 18	22 47	22 36	3 56	3 43	3 36
T 25	21 50	22 20	0s12	13 48	4 4	10 46	1 58	8 48	2 24	21 41	0 40	10 44	2 33	10 43	0 46	1 15	1 33	26 45	7 18	22 47	22 36	3 59	3 44	3 37
W26	21 59	19 4	1 21	13 53	4 4	11 11	1 57	8 34	2 25	21 39	0 40	10 43	2 33	10 43	0 46	1 15	1 33	26 45	7 18	22 47	22 37	4 2	3 45	3 37
T 27	22 7	15 0	2 24	14 1	4 2	11 35	1 56	8 19	2 26	21 37	0 40	10 42	2 32	10 43	0 46	1 15	1 33	26 46	7 19	22 47	22 37	4 5	3 46	3 37
F 28	22 16	10 24	3 20	14 10	4 0	11 59	1 55	8 4	2 27	21 35	0 40	10 41	2 32	10 42	0 46	1 14	1 33	26 46	7 19	22 46	22 37	4 8	3 47	3 37
S 29	22 23	5 29	4 6	14 21	3 56	12 23	1 54	7 50	2 29	21 33	0 40	10 40	2 32	10 42	0 46	1 14	1 33	26 46	7 19	22 46	22 38	4 11	3 47	3 37
S 30	22 31	0 25	4 40	14 34	3 52	12 47	1 53	7 35	2 30	21 31	0 40	10 39	2 32	10 41	0 46	1 14	1 33	26 47	7 19	22 46	22 38	4 14	3 48	3 37
M31	22n38	4s37	5s 3	14n49	3s47	13n10	1s52	7s21	2s31	21n28	0n40	10s38	2n32	10n41	0n46	1s13	1s33	26s47	7s19	22s46	22s39	4s17	3n49	3n37

Julian Day Number = 2101768.5, Delta T = 21m13s
Ecliptic obliquity = 23°33'51, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'29, Lahiri = 10°30'29 Julian Calendar 1 May 1042 == Greg. Calendar 7 May 1042

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1042
geocentric

JUNE 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 59 7	15♊10'25	11♎54	23♉11	11♉21	18♓ 0	27♋27	4°R15	4♍22	0♈31	2°R38	14°R26	15♑35	29♍29	1♈16	T 1
W 2	17 3 3	16° 7'36	23°55	23°59	12°32	18°40	27°38	4♏13	4°23	0°32	2♒37	14♑22	15°31	29°36	1°17	W 2
T 3	17 7 0	17° 4'46	6♏ 6	24°51	13°43	19°20	27°50	4°10	4°25	0°32	2°37	14°18	15°28	29°42	1°18	T 3
F 4	17 10 56	18° 1'56	18°30	25°47	14°54	20° 0	28° 1	4° 7	4°26	0°33	2°36	14°14	15°25	29°49	1°20	F 4
S 5	17 14 53	18°59'06	1♐ 8	26°47	16° 5	20°39	28°13	4° 5	4°28	0°34	2°35	14°10	15°22	29°56	1°21	S 5
S 6	17 18 50	19°56'15	14° 0	27°51	17°16	21°18	28°24	4° 2	4°29	0°35	2°34	14° 7	15°19	0♎ 3	1°22	S 6
M 7	17 22 46	20°53'25	27° 8	28°59	18°27	21°58	28°36	4° 0	4°31	0°35	2°33	14° 5	15°16	0° 9	1°23	M 7
T 8	17 26 43	21°50'34	10♑31	0♊11	19°38	22°37	28°47	3°58	4°32	0°36	2°32	14°D 4	15°12	0°16	1°24	T 8
W 9	17 30 39	22°47'43	24° 6	1°26	20°50	23°16	28°59	3°55	4°34	0°37	2°31	14° 4	15° 9	0°23	1°25	W 9
T 10	17 34 36	23°44'51	7♒53	2°45	22° 1	23°55	29°11	3°53	4°36	0°37	2°30	14° 5	15° 6	0°29	1°26	T 10
F 11	17 38 32	24°42'00	21°50	4° 8	23°12	24°33	29°23	3°51	4°38	0°38	2°29	14° 6	15° 3	0°36	1°27	F 11
S 12	17 42 29	25°39'10	5♓54	5°35	24°24	25°12	29°35	3°49	4°40	0°39	2°28	14° 8	15° 0	0°43	1°28	S 12
S 13	17 46 26	26°36'19	20° 4	7° 5	25°35	25°50	29°47	3°47	4°41	0°39	2°27	14°R 8	14°57	0°50	1°29	S 13
M14	17 50 22	27°33'29	4♈18	8°39	26°46	26°28	29°59	3°46	4°43	0°40	2°26	14° 8	14°53	0°56	1°30	M14
T 15	17 54 19	28°30'39	18°34	10°16	27°58	27° 6	0♎11	3°44	4°45	0°40	2°25	14° 7	14°50	1° 3	1°31	T 15
W16	17 58 15	29°27'49	2♉47	11°56	29° 9	27°44	0°23	3°42	4°47	0°41	2°24	14° 6	14°47	1°10	1°31	W16
T 17	18 2 12	0♋25'00	16°56	13°40	0♊21	28°22	0°35	3°41	4°49	0°41	2°23	14° 4	14°44	1°16	1°32	T 17
F 18	18 6 8	1°22'11	0♊57	15°27	1°33	29° 0	0°47	3°40	4°52	0°41	2°22	14° 3	14°41	1°23	1°33	F 18
S 19	18 10 5	2°19'23	14°47	17°17	2°44	29°37	0°59	3°38	4°54	0°42	2°21	14° 1	14°37	1°30	1°33	S 19
S 20	18 14 1	3°16'35	28°21	19°10	3°56	0♈14	1°12	3°37	4°56	0°42	2°19	14° 1	14°34	1°37	1°34	S 20
M21	18 17 58	4°13'47	11♋40	21° 6	5° 8	0°51	1°24	3°36	4°58	0°42	2°18	14°D 0	14°31	1°43	1°34	M21
T 22	18 21 55	5°10'59	24°41	23° 4	6°20	1°28	1°36	3°35	5° 0	0°42	2°17	14° 0	14°28	1°50	1°35	T 22
W23	18 25 51	6° 8'12	7♌24	25° 4	7°32	2° 5	1°49	3°34	5° 3	0°43	2°16	14° 1	14°25	1°57	1°35	W23
T 24	18 29 48	7° 5'24	19°51	27° 7	8°43	2°41	2° 1	3°33	5° 5	0°43	2°15	14° 2	14°22	2° 4	1°35	T 24
F 25	18 33 44	8° 2'37	2♍ 4	29°11	9°55	3°17	2°14	3°32	5° 8	0°43	2°14	14° 2	14°18	2°10	1°36	F 25
S 26	18 37 41	8°59'50	14° 7	1♋16	11° 7	3°53	2°26	3°32	5°10	0°43	2°12	14° 3	14°15	2°17	1°36	S 26
S 27	18 41 37	9°57'03	26° 3	3°23	12°19	4°29	2°39	3°31	5°13	0°43	2°11	14° 3	14°12	2°24	1°36	S 27
M28	18 45 34	10°54'16	7♎56	5°30	13°31	5° 4	2°52	3°31	5°15	0°43	2°10	14°R 3	14° 9	2°30	1°36	M28
T 29	18 49 30	11°51'30	19°51	7°38	14°44	5°39	3° 4	3°30	5°18	0°R43	2° 9	14° 3	14° 6	2°37	1°R36	T 29
W30	18 53 27	12♋48'44	1♏53	9♋46	15♊56	6♈15	3♌17	3♏30	5♍20	0♈43	2♒ 7	14♑ 3	14♑ 3	2♎44	1♈36	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n44	9s31	5s12	15n 6	3s41	13n33	1s51	7s 6	2s32	21n26	0n40	10s38	2n31	10n40	0n46	1s13	1s33	26s48	7s20	22s47	22s39	4s19	3n50	3n38
W 2	22 50	14 6	5 8	15 24	3 34	13 56	1 50	6 51	2 33	21 24	0 40	10 37	2 31	10 40	0 46	1 13	1 33	26 48	7 20	22 47	22 39	4 22	3 50	3 38
T 3	22 56	18 11	4 50	15 44	3 27	14 19	1 49	6 37	2 35	21 22	0 40	10 36	2 31	10 39	0 46	1 12	1 33	26 49	7 20	22 48	22 40	4 25	3 51	3 38
F 4	23 1	21 34	4 19	16 5	3 19	14 41	1 47	6 22	2 36	21 19	0 40	10 36	2 31	10 39	0 46	1 12	1 33	26 49	7 20	22 48	22 40	4 28	3 52	3 38
S 5	23 6	23 59	3 34	16 27	3 10	15 3	1 46	6 8	2 37	21 17	0 40	10 35	2 31	10 38	0 46	1 12	1 33	26 49	7 20	22 48	22 40	4 31	3 52	3 38
S 6	23 11	25 12	2 38	16 51	3 1	15 25	1 44	5 53	2 38	21 15	0 40	10 34	2 30	10 37	0 46	1 12	1 33	26 50	7 21	22 49	22 41	4 34	3 53	3 38
M 7	23 15	25 4	1 32	17 15	2 51	15 46	1 43	5 39	2 39	21 12	0 40	10 34	2 30	10 37	0 46	1 11	1 33	26 50	7 21	22 49	22 41	4 37	3 53	3 38
T 8	23 19	23 28	0 20	17 40	2 41	16 7	1 41	5 24	2 41	21 10	0 40	10 33	2 30	10 36	0 46	1 11	1 33	26 51	7 21	22 49	22 42	4 40	3 54	3 38
W 9	23 22	20 30	0n55	18 6	2 30	16 28	1 39	5 10	2 42	21 8	0 40	10 33	2 30	10 35	0 45	1 11	1 34	26 51	7 21	22 49	22 42	4 43	3 55	3 39
T 10	23 25	16 20	2 7	18 33	2 19	16 48	1 38	4 55	2 43	21 5	0 40	10 32	2 29	10 35	0 45	1 11	1 34	26 51	7 22	22 49	22 42	4 46	3 55	3 39
F 11	23 27	11 15	3 13	19 0	2 8	17 8	1 36	4 41	2 44	21 3	0 40	10 32	2 29	10 34	0 45	1 11	1 34	26 52	7 22	22 49	22 43	4 48	3 56	3 39
S 12	23 30	5 33	4 8	19 27	1 56	17 27	1 34	4 27	2 45	21 0	0 41	10 31	2 29	10 33	0 45	1 10	1 34	26 52	7 22	22 49	22 43	4 51	3 56	3 39
S 13	23 31	0n28	4 48	19 54	1 44	17 46	1 32	4 12	2 46	20 58	0 41	10 31	2 29	10 33	0 45	1 10	1 34	26 53	7 22	22 49	22 43	4 54	3 57	3 39
M14	23 32	6 28	5 11	20 21	1 32	18 5	1 30	3 58	2 47	20 55	0 41	10 31	2 28	10 32	0 45	1 10	1 34	26 53	7 22	22 49	22 44	4 57	3 57	3 39
T 15	23 33	12 9	5 15	20 48	1 20	18 23	1 28	3 44	2 49	20 53	0 41	10 30	2 28	10 31	0 45	1 10	1 34	26 54	7 22	22 49	22 44	5 0	3 57	3 39
W16	23 34	17 11	4 59	21 14	1 7	18 41	1 26	3 30	2 50	20 50	0 41	10 30	2 28	10 30	0 45	1 10	1 34	26 54	7 23	22 49	22 44	5 3	3 58	3 40
T 17	23 34	21 13	4 25	21 39	0 55	18 58	1 24	3 16	2 51	20 48	0 41	10 30	2 28	10 30	0 45	1 10	1 34	26 55	7 23	22 49	22 45	5 6	3 58	3 40
F 18	23 33	23 59	3 36	22 4	0 42	19 15	1 22	3 2	2 52	20 45	0 41	10 29	2 28	10 29	0 45	1 10	1 34	26 55	7 23	22 49	22 45	5 9	3 59	3 40
S 19	23 33	25 15	2 35	22 27	0 30	19 31	1 19	2 48	2 53	20 42	0 41	10 29	2 27	10 28	0 45	1 10	1 34	26 55	7 23	22 49	22 45	5 12	3 59	3 40
S 20	23 31	24 59	1 25	22 49	0 18	19 47	1 17	2 34	2 54	20 40	0 41	10 29	2 27	10 27	0 45	1 10	1 34	26 56	7 23	22 49	22 46	5 14	3 59	3 40
M21	23 30	23 16	0 13	23 10	0 6	20 2	1 15	2 20	2 55	20 37	0 41	10 29	2 27	10 26	0 45	1 10	1 34	26 56	7 24	22 49	22 46	5 17	4 0	3 40
T 22	23 28	20 20	0s59	23 28	0n 5	20 17	1 12	2 6	2 56	20 34	0 41	10 29	2 26	10 25	0 45	1 10	1 34	26 57	7 24	22 49	22 46	5 20	4 0	3 40
W23	23 25	16 29	2 6	23 45	0 17	20 32	1 10	1 53	2 57	20 31	0 41	10 29	2 26	10 24	0 45	1 9	1 34	26 57	7 24	22 49	22 47	5 23	4 0	3 41
T 24	23 22	12 0	3 6	23 59	0 27	20 45	1 8	1 39	2 58	20 29	0 41	10 29	2 26	10 23	0 45	1 9	1 34	26 58	7 24	22 49	22 47	5 26	4 0	3 41
F 25	23 19	7 7	3 56	24 11	0 37	20 59	1 5	1 26	2 59	20 26	0 41	10 29	2 26	10 23	0 45	1 9	1 34	26 58	7 24	22 49	22 47	5 29	4 1	3 41
S 26	23 15	2 3	4 35	24 21	0 47	21 11	1 3	1 12	3 0	20 23	0 41	10 29	2 25	10 22	0 45	1 9	1 35	26 58	7 24	22 49	22 48	5 32	4 1	3 41
S 27	23 11	3s 2	5 1	24 27	0 56	21 24	1 0	0 59	3 2	20 20	0 41	10 29	2 25	10 21	0 45	1 10	1 35	26 59	7 24	22 49	22 48	5 34	4 1	3 41
M28	23 7	7 59	5 15	24 31	1 5	21 35	0 58	0 46	3 3	20 17	0 41	10 29	2 25	10 20	0 45	1 10	1 35	26 59	7 25	22 49	22 48	5 37	4 1	3 41
T 29	23 2	12 39	5 15	24 33	1 12	21 46	0 55	0 33	3 4	20 14	0 41	10 29	2 25	10 19	0 45	1 10	1 35	27 0	7 25	22 49	22 49	5 40	4 1	3 41
W30	22n57	16s54	5s 2	24n31	1n19	21n57	0s53	0s20	3s 5	20n11	0n41	10s29	2n24	10n18	0n45	1s10	1s35	27s 0	7s25	22s49	22s49	5s43	4n 2	3n42

Julian Day Number = 2101799.5, Delta T = 21m12s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'33, Lahiri = 10°30'33 Julian Calendar 1 June 1042 == Greg. Calendar 7 June 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

JULY 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 57 24	13♋45'58	14♏ 5	11♋54	17♊ 8	6♈49	3♌30	3°R30	5♍23	0°R43	2°R 6	14°D 3	13♑59	2♎51	1°R36	T 1
F 2	19 1 20	14°43'13	26°33	14° 2	18°20	7°24	3°42	3°D30	5°26	0♈43	2♒ 5	14♑ 3	13°56	2°57	1♈36	F 2
S 3	19 5 17	15°40'28	9♐18	16° 9	19°32	7°58	3°55	3♏30	5°28	0°43	2° 3	14° 3	13°53	3° 4	1°36	S 3
S 4	19 9 13	16°37'43	22°23	18°16	20°45	8°32	4° 8	3°30	5°31	0°43	2° 2	14° 3	13°50	3°11	1°35	S 4
M 5	19 13 10	17°34'59	5♑47	20°21	21°57	9° 6	4°21	3°30	5°34	0°42	2° 1	14° 4	13°47	3°17	1°35	M 5
T 6	19 17 6	18°32'16	19°32	22°25	23° 9	9°40	4°34	3°31	5°37	0°42	2° 0	14°R 4	13°43	3°24	1°35	T 6
W 7	19 21 3	19°29'34	3♒33	24°28	24°22	10°13	4°46	3°31	5°39	0°42	1°58	14° 3	13°40	3°31	1°34	W 7
T 8	19 25 0	20°26'52	17°47	26°30	25°34	10°46	4°59	3°31	5°42	0°42	1°57	14° 3	13°37	3°38	1°34	T 8
F 9	19 28 56	21°24'11	2♓10	28°30	26°47	11°19	5°12	3°32	5°45	0°41	1°56	14° 2	13°34	3°44	1°34	F 9
S 10	19 32 53	22°21'31	16°37	0♌29	27°59	11°51	5°25	3°33	5°48	0°41	1°54	14° 1	13°31	3°51	1°33	S 10
S 11	19 36 49	23°18'53	1♈ 2	2°27	29°12	12°23	5°38	3°34	5°51	0°41	1°53	14° 0	13°28	3°58	1°32	S 11
M12	19 40 46	24°16'15	15°22	4°22	0♋25	12°55	5°51	3°34	5°54	0°40	1°52	14° 0	13°24	4° 5	1°32	M12
T 13	19 44 42	25°13'39	29°34	6°17	1°38	13°27	6° 4	3°35	5°57	0°40	1°50	14°D 0	13°21	4°11	1°31	T 13
W14	19 48 39	26°11'04	13♉35	8° 9	2°50	13°58	6°17	3°37	6° 0	0°39	1°49	14° 0	13°18	4°18	1°30	W14
T 15	19 52 35	27° 8'30	27°24	10° 0	4° 3	14°29	6°30	3°38	6° 4	0°39	1°48	14° 1	13°15	4°25	1°30	T 15
F 16	19 56 32	28° 5'58	11♊ 0	11°50	5°16	14°59	6°43	3°39	6° 7	0°38	1°46	14° 2	13°12	4°31	1°29	F 16
S 17	20 0 29	29° 3'27	24°23	13°37	6°29	15°29	6°56	3°40	6°10	0°38	1°45	14° 3	13° 9	4°38	1°28	S 17
S 18	20 4 25	0♌ 0'57	7♋33	15°24	7°42	15°59	7° 9	3°42	6°13	0°37	1°43	14°R 4	13° 5	4°45	1°27	S 18
M19	20 8 22	0°58'29	20°30	17° 8	8°55	16°28	7°22	3°43	6°16	0°36	1°42	14° 4	13° 2	4°52	1°26	M19
T 20	20 12 18	1°56'01	3♌13	18°51	10° 8	16°58	7°36	3°45	6°20	0°36	1°41	14° 3	12°59	4°58	1°25	T 20
W21	20 16 15	2°53'35	15°44	20°33	11°21	17°26	7°49	3°47	6°23	0°35	1°39	14° 1	12°56	5° 5	1°24	W21
T 22	20 20 11	3°51'10	28° 3	22°13	12°34	17°54	8° 2	3°49	6°26	0°34	1°38	13°59	12°53	5°12	1°23	T 22
F 23	20 24 8	4°48'46	10♍11	23°52	13°47	18°22	8°15	3°51	6°29	0°34	1°37	13°55	12°49	5°19	1°22	F 23
S 24	20 28 4	5°46'23	22°11	25°29	15° 0	18°50	8°28	3°53	6°33	0°33	1°35	13°52	12°46	5°25	1°20	S 24
S 25	20 32 1	6°44'00	4♎ 6	27° 4	16°14	19°17	8°41	3°55	6°36	0°32	1°34	13°49	12°43	5°32	1°19	S 25
M26	20 35 57	7°41'40	15°58	28°38	17°27	19°43	8°54	3°57	6°40	0°31	1°33	13°46	12°40	5°39	1°18	M26
T 27	20 39 54	8°39'20	27°51	0♍10	18°40	20° 9	9° 7	3°59	6°43	0°30	1°31	13°45	12°37	5°45	1°16	T 27
W28	20 43 51	9°37'01	9♏51	1°41	19°54	20°35	9°21	4° 2	6°46	0°29	1°30	13°D44	12°34	5°52	1°15	W28
T 29	20 47 47	10°34'43	22° 2	3°11	21° 7	21° 0	9°34	4° 4	6°50	0°29	1°29	13°45	12°30	5°59	1°14	T 29
F 30	20 51 44	11°32'27	4♐28	4°38	22°20	21°25	9°47	4° 7	6°53	0°28	1°27	13°46	12°27	6° 6	1°12	F 30
S 31	20 55 40	12♌30'12	17♐13	6♍ 5	23♋34	21♈49	10♌ 0	4♏10	6♍57	0♈27	1♒26	13♑48	12♑24	6♎12	1♈10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	22n51	20s31	4s34	24n27	1n25	22n 6	0s50	0s 7	3s 6	20n 8	0n41	10s29	2n24	10n17	0n45	1s10	1s35	27s 1	7s25	22s49	22s49	5s46	4n 2	3n42	
F 2	22 45	23 16	3 54	24 20	1 31	22 16	0 47	0n 6	3 7	20 5	0 41	10 30	2 24	10 16	0 45	1 10	1 35	27 1	7 25	22 49	22 50	5 49	4 2	3 42	
S 3	22 38	24 56	3 1	24 10	1 36	22 24	0 45	0 18	3 8	20 3	0 41	10 30	2 24	10 15	0 45	1 10	1 35	27 2	7 25	22 49	22 50	5 51	4 2	3 42	
S 4	22 31	25 18	1 57	23 57	1 40	22 32	0 42	0 31	3 8	20 0	0 41	10 30	2 23	10 14	0 45	1 10	1 35	27 2	7 25	22 49	22 50	5 54	4 2	3 42	
M 5	22 24	24 12	0 46	23 42	1 43	22 40	0 40	0 44	3 9	19 56	0 41	10 30	2 23	10 13	0 45	1 10	1 35	27 2	7 26	22 49	22 51	5 57	4 2	3 42	
T 6	22 16	21 38	0n30	23 25	1 45	22 46	0 37	0 56	3 10	19 53	0 41	10 31	2 23	10 12	0 45	1 10	1 35	27 3	7 26	22 49	22 51	6 0	4 2	3 42	
W 7	22 8	17 45	1 46	23 5	1 47	22 52	0 34	1 8	3 11	19 50	0 41	10 31	2 23	10 10	0 45	1 10	1 35	27 3	7 26	22 49	22 51	6 3	4 2	3 43	
T 8	22 0	12 47	2 56	22 44	1 48	22 58	0 32	1 20	3 12	19 47	0 41	10 32	2 22	10 9	0 45	1 11	1 35	27 4	7 26	22 49	22 52	6 6	4 2	3 43	
F 9	21 51	7 5	3 56	22 20	1 48	23 3	0 29	1 32	3 13	19 44	0 42	10 32	2 22	10 8	0 44	1 11	1 35	27 4	7 26	22 49	22 52	6 8	4 2	3 43	
S 10	21 42	1 0	4 41	21 54	1 48	23 7	0 26	1 44	3 14	19 41	0 42	10 33	2 22	10 7	0 44	1 11	1 35	27 4	7 26	22 49	22 52	6 11	4 2	3 43	
S 11	21 32	5n 7	5 8	21 27	1 47	23 10	0 23	1 56	3 15	19 38	0 42	10 33	2 21	10 6	0 44	1 11	1 35	27 5	7 26	22 49	22 53	6 14	4 1	3 43	
M12	21 22	10 56	5 16	20 58	1 45	23 13	0 21	2 7	3 16	19 35	0 42	10 34	2 21	10 5	0 44	1 11	1 35	27 5	7 26	22 49	22 53	6 17	4 1	3 43	
T 13	21 12	16 7	5 5	20 28	1 43	23 15	0 18	2 19	3 17	19 32	0 42	10 34	2 21	10 4	0 44	1 12	1 36	27 6	7 26	22 49	22 53	6 20	4 1	3 43	
W14	21 1	20 22	4 35	19 57	1 41	23 17	0 15	2 30	3 17	19 28	0 42	10 35	2 21	10 3	0 44	1 12	1 36	27 6	7 27	22 49	22 54	6 23	4 1	3 44	
T 15	20 50	23 25	3 50	19 24	1 38	23 18	0 13	2 41	3 18	19 25	0 42	10 35	2 20	10 1	0 44	1 12	1 36	27 7	7 27	22 49	22 54	6 25	4 1	3 44	
F 16	20 39	25 4	2 53	18 50	1 34	23 18	0 10	2 52	3 19	19 22	0 42	10 36	2 20	10 0	0 44	1 12	1 36	27 7	7 27	22 49	22 54	6 28	4 1	3 44	
S 17	20 27	25 13	1 47	18 15	1 30	23 17	0 7	3 3	3 20	19 19	0 42	10 37	2 20	9 59	0 44	1 13	1 36	27 7	7 27	22 49	22 55	6 31	4 0	3 44	
S 18	20 15	23 57	0 36	17 40	1 25	23 16	0 5	3 14	3 21	19 15	0 42	10 38	2 20	9 58	0 44	1 13	1 36	27 8	7 27	22 49	22 55	6 34	4 0	3 44	
M19	20 3	21 24	0s35	17 3	1 20	23 14	0 2	3 25	3 21	19 12	0 42	10 38	2 19	9 57	0 44	1 13	1 36	27 8	7 27	22 49	22 55	6 37	4 0	3 44	
T 20	19 50	17 51	1 44	16 26	1 15	23 11	0n 1	3 35	3 22	19 9	0 42	10 39	2 19	9 55	0 44	1 14	1 36	27 8	7 27	22 49	22 56	6 39	4 0	3 44	
W21	19 37	13 34	2 46	15 48	1 9	23 8	0 3	3 45	3 23	19 5	0 42	10 40	2 19	9 54	0 44	1 14	1 36	27 9	7 27	22 49	22 56	6 42	3 59	3 44	
T 22	19 23	8 47	3 39	15 10	1 3	23 4	0 6	3 55	3 24	19 2	0 42	10 41	2 19	9 53	0 44	1 14	1 36	27 9	7 27	22 50	22 56	6 45	3 59	3 45	
F 23	19 10	3 45	4 21	14 32	0 57	22 59	0 9	4 5	3 24	18 59	0 42	10 42	2 18	9 52	0 44	1 15	1 36	27 10	7 27	22 50	22 57	6 48	3 59	3 45	
S 24	18 56	1s21	4 52	13 53	0 50	22 54	0 11	4 15	3 25	18 55	0 42	10 43	2 18	9 50	0 44	1 15	1 36	27 10	7 27	22 50	22 57	6 51	3 58	3 45	
S 25	18 41	6 22	5 9	13 13	0 43	22 48	0 14	4 25	3 26	18 52	0 42	10 44	2 18	9 49	0 44	1 15	1 36	27 10	7 27	22 51	22 57	6 53	3 58	3 45	
M26	18 26	11 8	5 14	12 34	0 35	22 41	0 16	4 34	3 26	18 49	0 43	10 45	2 17	9 48	0 44	1 16	1 36	27 11	7 27	22 51	22 57	6 56	3 57	3 45	
T 27	18 11	15 30	5 4	11 54	0 28	22 34	0 19	4 43	3 27	18 45	0 43	10 46	2 17	9 46	0 44	1 16	1 36	27 11	7 27	22 51	22 58	6 59	3 57	3 45	
W28	17 56	19 18	4 42	11 15	0 20	22 26	0 21	4 52	3 28	18 42	0 43	10 47	2 17	9 45	0 44	1 17	1 36	27 11	7 27	22 51	22 58	7 2	3 56	3 45	
T 29	17 41	22 20	4 7	10 35	0 12	22 17	0 24	5 1	3 28	18 38	0 43	10 48	2 17	9 44	0 44	1 17	1 36	27 12	7 27	22 51	22 58	7 4	3 56	3 45	
F 30	17 25	24 24	3 19	9 55	0 4	22 8	0 26	5 10	3 29	18 35	0 43	10 49	2 16	9 43	0 44	1 17	1 36	27 12	7 28	22 51	22 59	7 7	3 55	3 46	
S 31	17n 8	25s17	2s21	9n16	0s 4	21n58	0n29	5n19	3s29	18n31	0n43	10s50	2n16	9n41	0n44	1s18	1s36	27s12	7s28	22s51	22s59	7s10	3n55	3n46	

Julian Day Number = 2101829.5, Delta T = 21m12s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'37, Lahiri = 10°30'38 Julian Calendar 1 July 1042 == Greg. Calendar 7 July 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

AUGUST 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 59 37	13♌27'58	0♉22	7♍29	24♋47	22♈13	10♌13	4♏12	7♍ 0	0°R26	1°R25	13♉49	12♉21	6♎19	1°R 9	S 1
M 2	21 3 33	14°25'45	13°55	8°52	26° 1	22°37	10°26	4°15	7° 4	0♈25	1♒23	13°R50	12°18	6°26	1♈ 7	M 2
T 3	21 7 30	15°23'34	27°54	10°14	27°15	22°59	10°39	4°18	7° 8	0°24	1°22	13°49	12°15	6°32	1° 6	T 3
W 4	21 11 27	16°21'24	12♒15	11°33	28°28	23°22	10°52	4°21	7°11	0°22	1°21	13°47	12°11	6°39	1° 4	W 4
T 5	21 15 23	17°19'15	26°55	12°51	29°42	23°44	11° 5	4°24	7°15	0°21	1°19	13°43	12° 8	6°46	1° 2	T 5
F 6	21 19 20	18°17'08	11♓45	14° 8	0♌56	24° 5	11°18	4°28	7°18	0°20	1°18	13°38	12° 5	6°53	1° 0	F 6
S 7	21 23 16	19°15'03	26°37	15°22	2° 9	24°25	11°32	4°31	7°22	0°19	1°17	13°33	12° 2	6°59	0°59	S 7
S 8	21 27 13	20°12'59	11♈25	16°35	3°23	24°46	11°45	4°34	7°26	0°18	1°15	13°28	11°59	7° 6	0°57	S 8
M 9	21 31 9	21°10'57	26° 0	17°45	4°37	25° 5	11°58	4°38	7°29	0°17	1°14	13°25	11°55	7°13	0°55	M 9
T 10	21 35 6	22° 8'58	10♉19	18°54	5°51	25°24	12°11	4°41	7°33	0°16	1°13	13°23	11°52	7°20	0°53	T 10
W11	21 39 2	23° 7'00	24°18	20° 0	7° 5	25°42	12°24	4°45	7°37	0°14	1°12	13°D22	11°49	7°26	0°51	W11
T 12	21 42 59	24° 5'05	7♊57	21° 4	8°19	26° 0	12°37	4°48	7°40	0°13	1°10	13°23	11°46	7°33	0°49	T 12
F 13	21 46 56	25° 3'11	21°18	22° 6	9°33	26°17	12°50	4°52	7°44	0°12	1° 9	13°24	11°43	7°40	0°47	F 13
S 14	21 50 52	26° 1'20	4♋22	23° 5	10°47	26°33	13° 3	4°56	7°48	0°10	1° 8	13°25	11°40	7°46	0°45	S 14
S 15	21 54 49	26°59'30	17°11	24° 2	12° 1	26°49	13°16	5° 0	7°51	0° 9	1° 7	13°R25	11°36	7°53	0°43	S 15
M16	21 58 45	27°57'42	29°48	24°55	13°15	27° 4	13°28	5° 4	7°55	0° 8	1° 6	13°24	11°33	8° 0	0°40	M16
T 17	22 2 42	28°55'57	12♌14	25°46	14°29	27°18	13°41	5° 8	7°59	0° 6	1° 4	13°21	11°30	8° 7	0°38	T 17
W18	22 6 38	29°54'13	24°30	26°34	15°43	27°32	13°54	5°12	8° 3	0° 5	1° 3	13°15	11°27	8°13	0°36	W18
T 19	22 10 35	0♍52'30	6♍39	27°18	16°58	27°45	14° 7	5°17	8° 6	0° 4	1° 2	13° 7	11°24	8°20	0°34	T 19
F 20	22 14 31	1°50'50	18°40	27°58	18°12	27°57	14°20	5°21	8°10	0° 2	1° 1	12°58	11°21	8°27	0°31	F 20
S 21	22 18 28	2°49'11	0♎36	28°34	19°26	28° 8	14°33	5°25	8°14	0° 1	1° 0	12°49	11°17	8°33	0°29	S 21
S 22	22 22 24	3°47'35	12°29	29° 7	20°40	28°19	14°45	5°30	8°18	29♓59	0°59	12°39	11°14	8°40	0°27	S 22
M23	22 26 21	4°45'59	24°19	29°34	21°55	28°29	14°58	5°34	8°21	29°58	0°58	12°31	11°11	8°47	0°24	M23
T 24	22 30 18	5°44'26	6♏12	29°57	23° 9	28°38	15°11	5°39	8°25	29°56	0°57	12°25	11° 8	8°54	0°22	T 24
W25	22 34 14	6°42'54	18°10	0♎15	24°24	28°46	15°24	5°44	8°29	29°55	0°56	12°21	11° 5	9° 0	0°20	W25
T 26	22 38 11	7°41'24	0♐17	0°27	25°38	28°54	15°36	5°48	8°33	29°53	0°55	12°19	11° 1	9° 7	0°17	T 26
F 27	22 42 7	8°39'56	12°39	0°33	26°52	29° 0	15°49	5°53	8°36	29°52	0°54	12°D19	10°58	9°14	0°15	F 27
S 28	22 46 4	9°38'30	25°19	0°R33	28° 7	29° 6	16° 1	5°58	8°40	29°50	0°53	12°19	10°55	9°21	0°12	S 28
S 29	22 50 0	10°37'05	8♑24	0°26	29°21	29°11	16°14	6° 3	8°44	29°49	0°52	12°R20	10°52	9°27	0°10	S 29
M30	22 53 57	11°35'42	21°56	0°13	0♍36	29°15	16°26	6° 8	8°48	29°47	0°51	12°20	10°49	9°34	0° 7	M30
T 31	22 57 53	12♍34'20	5♒57	29♍53	1♍51	29♈19	16♌39	6♏13	8♍52	29♓46	0♒50	12♑18	10♑46	9♎41	0♈ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n52	24s47	1s13	8n36	0s13	21n47	0n31	5n27	3s30	18n28	0n43	10s51	2n16	9n40	0n44	1s18	1s37	27s13	7s28	22s51	22s59	7s13	3n54	3n46
M 2	16 35	22 49	0n 1	7 57	0 22	21 36	0 33	5 35	3 30	18 24	0 43	10 53	2 16	9 39	0 44	1 19	1 37	27 13	7 28	22 51	23 0	7 16	3 54	3 46
T 3	16 18	19 27	1 16	7 18	0 31	21 24	0 36	5 43	3 31	18 21	0 43	10 54	2 15	9 37	0 44	1 19	1 37	27 13	7 28	22 51	23 0	7 18	3 53	3 46
W 4	16 1	14 50	2 29	6 39	0 40	21 12	0 38	5 51	3 31	18 17	0 43	10 55	2 15	9 36	0 44	1 20	1 37	27 14	7 28	22 51	23 0	7 21	3 53	3 46
T 5	15 43	9 16	3 33	6 1	0 49	20 59	0 40	5 59	3 32	18 14	0 43	10 56	2 15	9 34	0 44	1 20	1 37	27 14	7 28	22 51	23 0	7 24	3 52	3 46
F 6	15 26	3 7	4 24	5 23	0 58	20 45	0 42	6 6	3 32	18 10	0 43	10 58	2 15	9 33	0 44	1 21	1 37	27 14	7 28	22 52	23 1	7 27	3 51	3 46
S 7	15 8	3n12	4 57	4 46	1 7	20 30	0 45	6 13	3 33	18 7	0 44	10 59	2 14	9 32	0 44	1 21	1 37	27 15	7 28	22 52	23 1	7 29	3 51	3 46
S 8	14 49	9 17	5 10	4 9	1 17	20 15	0 47	6 20	3 33	18 3	0 44	11 0	2 14	9 30	0 44	1 22	1 37	27 15	7 28	22 53	23 1	7 32	3 50	3 46
M 9	14 31	14 48	5 3	3 33	1 26	20 0	0 49	6 27	3 33	18 0	0 44	11 2	2 14	9 29	0 44	1 22	1 37	27 15	7 28	22 53	23 2	7 35	3 49	3 46
T 10	14 12	19 22	4 37	2 57	1 36	19 44	0 51	6 34	3 34	17 56	0 44	11 3	2 14	9 28	0 44	1 23	1 37	27 16	7 28	22 53	23 2	7 38	3 49	3 47
W11	13 53	22 44	3 55	2 22	1 45	19 27	0 53	6 40	3 34	17 52	0 44	11 4	2 14	9 26	0 44	1 23	1 37	27 16	7 28	22 53	23 2	7 40	3 48	3 47
T 12	13 34	24 43	3 0	1 48	1 54	19 10	0 55	6 46	3 34	17 49	0 44	11 6	2 13	9 25	0 44	1 24	1 37	27 16	7 28	22 53	23 2	7 43	3 47	3 47
F 13	13 14	25 13	1 57	1 15	2 4	18 52	0 57	6 52	3 34	17 45	0 44	11 7	2 13	9 23	0 44	1 24	1 37	27 16	7 28	22 53	23 3	7 46	3 46	3 47
S 14	12 55	24 18	0 49	0 43	2 13	18 33	0 58	6 58	3 34	17 42	0 44	11 9	2 13	9 22	0 44	1 25	1 37	27 17	7 28	22 53	23 3	7 49	3 46	3 47
S 15	12 35	22 7	0s20	0 12	2 22	18 14	1 0	7 3	3 35	17 38	0 44	11 10	2 13	9 21	0 44	1 25	1 37	27 17	7 28	22 53	23 3	7 51	3 45	3 47
M16	12 15	18 53	1 27	0s17	2 32	17 55	1 2	7 9	3 35	17 34	0 44	11 12	2 12	9 19	0 44	1 26	1 37	27 17	7 28	22 53	23 4	7 54	3 44	3 47
T 17	11 54	14 50	2 29	0 46	2 41	17 35	1 4	7 14	3 35	17 31	0 44	11 14	2 12	9 18	0 44	1 27	1 37	27 17	7 28	22 53	23 4	7 57	3 43	3 47
W18	11 34	10 14	3 23	1 13	2 49	17 15	1 5	7 18	3 35	17 27	0 45	11 15	2 12	9 16	0 44	1 27	1 37	27 18	7 28	22 54	23 4	7 59	3 42	3 47
T 19	11 13	5 18	4 7	1 38	2 58	16 54	1 7	7 23	3 35	17 23	0 45	11 17	2 12	9 15	0 44	1 28	1 37	27 18	7 27	22 55	23 4	8 2	3 42	3 47
F 20	10 52	0 13	4 39	2 2	3 6	16 32	1 8	7 27	3 35	17 20	0 45	11 18	2 11	9 14	0 44	1 28	1 37	27 18	7 27	22 56	23 5	8 5	3 41	3 47
S 21	10 31	4s49	4 59	2 24	3 14	16 10	1 10	7 32	3 35	17 16	0 45	11 20	2 11	9 12	0 44	1 29	1 37	27 18	7 27	22 57	23 5	8 8	3 40	3 47
S 22	10 10	9 38	5 6	2 44	3 22	15 48	1 11	7 35	3 35	17 13	0 45	11 22	2 11	9 11	0 44	1 29	1 37	27 19	7 27	22 57	23 5	8 10	3 39	3 47
M23	9 49	14 7	4 59	3 1	3 29	15 25	1 12	7 39	3 34	17 9	0 45	11 24	2 11	9 9	0 44	1 30	1 37	27 19	7 27	22 58	23 5	8 13	3 38	3 47
T 24	9 27	18 3	4 40	3 17	3 36	15 2	1 14	7 43	3 34	17 5	0 45	11 25	2 11	9 8	0 44	1 31	1 37	27 19	7 27	22 59	23 6	8 16	3 37	3 47
W25	9 6	21 18	4 9	3 29	3 42	14 38	1 15	7 46	3 34	17 2	0 45	11 27	2 10	9 7	0 44	1 31	1 37	27 19	7 27	22 59	23 6	8 18	3 36	3 47
T 26	8 44	23 40	3 25	3 39	3 47	14 14	1 16	7 49	3 34	16 58	0 45	11 29	2 10	9 5	0 44	1 32	1 37	27 19	7 27	22 59	23 6	8 21	3 35	3 47
F 27	8 22	24 57	2 32	3 46	3 52	13 50	1 17	7 51	3 33	16 54	0 46	11 31	2 10	9 4	0 44	1 33	1 38	27 20	7 27	22 59	23 6	8 24	3 34	3 47
S 28	8 0	24 59	1 30	3 49	3 56	13 25	1 18	7 54	3 33	16 51	0 46	11 32	2 10	9 2	0 44	1 33	1 38	27 20	7 27	22 59	23 7	8 27	3 33	3 47
S 29	7 37	23 39	0 21	3 49	3 58	12 59	1 19	7 56	3 32	16 47	0 46	11 34	2 10	9 1	0 44	1 34	1 38	27 20	7 27	22 59	23 7	8 29	3 32	3 47
M30	7 15	20 56	0n51	3 45	4 0	12 34	1 20	7 58	3 32	16 43	0 46	11 36	2 9	8 59	0 44	1 35	1 38	27 20	7 27	22 59	23 7	8 32	3 31	3 47
T 31	6n53	16s54	2n 3	3s37	4s 0	12n 8	1n21	8n 0	3s31	16n40	0n46	11s38	2n 9	8n58	0n44	1s35	1s38	27s20	7s27	23s 0	23s 8	8s35	3n30	3n47

Julian Day Number = 2101860.5, Delta T = 21m12s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'41, Lahiri = 10°30'42 Julian Calendar 1 Aug. 1042 == Greg. Calendar 7 Aug. 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

SEPTEMBER 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	23 1 50	13♍33'01	20♒25	29°R25	3♍ 5	29♈21	16♌51	6♏18	8♍55	29°R44	0°R49	12°R13	10♉42	9♎47	0°R 2	W 1
T 2	23 5 47	14°31'43	5♓18	28♍51	4°20	29°23	17° 3	6°23	8°59	29♓42	0♒48	12♉ 6	10°39	9°54	29♓59	T 2
F 3	23 9 43	15°30'27	20°27	28° 9	5°35	29°R24	17°16	6°29	9° 3	29°41	0°47	11°57	10°36	10° 1	29°57	F 3
S 4	23 13 40	16°29'13	5♈41	27°21	6°49	29°23	17°28	6°34	9° 7	29°39	0°46	11°48	10°33	10° 8	29°54	S 4
S 5	23 17 36	17°28'01	20°51	26°27	8° 4	29°22	17°40	6°39	9°10	29°38	0°45	11°38	10°30	10°14	29°52	S 5
M 6	23 21 33	18°26'52	5♉45	25°28	9°19	29°21	17°52	6°45	9°14	29°36	0°44	11°31	10°26	10°21	29°49	M 6
T 7	23 25 29	19°25'45	20°18	24°24	10°33	29°18	18° 4	6°50	9°18	29°34	0°44	11°25	10°23	10°28	29°46	T 7
W 8	23 29 26	20°24'40	4♊25	23°18	11°48	29°14	18°16	6°56	9°22	29°33	0°43	11°22	10°20	10°35	29°44	W 8
T 9	23 33 22	21°23'38	18° 5	22°10	13° 3	29° 9	18°28	7° 2	9°25	29°31	0°42	11°D21	10°17	10°41	29°41	T 9
F 10	23 37 19	22°22'38	1♋21	21° 3	14°18	29° 4	18°40	7° 7	9°29	29°29	0°41	11°21	10°14	10°48	29°38	F 10
S 11	23 41 16	23°21'40	14°16	19°58	15°33	28°58	18°52	7°13	9°33	29°28	0°41	11°R21	10°11	10°55	29°36	S 11
S 12	23 45 12	24°20'45	26°53	18°57	16°48	28°50	19° 4	7°19	9°36	29°26	0°40	11°20	10° 7	11° 1	29°33	S 12
M13	23 49 9	25°19'52	9♌16	18° 1	18° 3	28°42	19°16	7°25	9°40	29°24	0°39	11°17	10° 4	11° 8	29°30	M13
T 14	23 53 5	26°19'01	21°29	17°13	19°18	28°33	19°28	7°31	9°44	29°23	0°39	11°11	10° 1	11°15	29°27	T 14
W15	23 57 2	27°18'12	3♍34	16°33	20°33	28°23	19°39	7°36	9°47	29°21	0°38	11° 2	9°58	11°22	29°25	W15
T 16	0 0 58	28°17'26	15°34	16° 3	21°47	28°12	19°51	7°42	9°51	29°19	0°37	10°51	9°55	11°28	29°22	T 16
F 17	0 4 55	29°16'41	27°29	15°43	23° 3	28° 1	20° 2	7°48	9°55	29°18	0°37	10°37	9°52	11°35	29°19	F 17
S 18	0 8 51	0♎15'59	9♎22	15°D33	24°18	27°48	20°14	7°55	9°58	29°16	0°36	10°23	9°48	11°42	29°16	S 18
S 19	0 12 48	1°15'19	21°14	15°34	25°33	27°35	20°25	8° 1	10° 2	29°14	0°36	10° 9	9°45	11°48	29°14	S 19
M20	0 16 44	2°14'41	3♏ 5	15°46	26°48	27°21	20°36	8° 7	10° 5	29°13	0°35	9°56	9°42	11°55	29°11	M20
T 21	0 20 41	3°14'05	14°59	16° 8	28° 3	27° 7	20°48	8°13	10° 9	29°11	0°35	9°46	9°39	12° 2	29° 8	T 21
W22	0 24 38	4°13'31	26°58	16°40	29°18	26°52	20°59	8°19	10°12	29° 9	0°34	9°38	9°36	12° 9	29° 6	W22
T 23	0 28 34	5°12'58	9♐ 5	17°21	0♎33	26°36	21°10	8°26	10°16	29° 8	0°34	9°34	9°32	12°15	29° 3	T 23
F 24	0 32 31	6°12'28	21°25	18°11	1°48	26°19	21°21	8°32	10°20	29° 6	0°33	9°32	9°29	12°22	29° 0	F 24
S 25	0 36 27	7°11'59	4♑ 1	19° 8	3° 3	26° 2	21°32	8°38	10°23	29° 4	0°33	9°31	9°26	12°29	28°58	S 25
S 26	0 40 24	8°11'33	16°59	20°12	4°18	25°44	21°43	8°45	10°26	29° 3	0°33	9°31	9°23	12°36	28°55	S 26
M27	0 44 20	9°11'07	0♒22	21°23	5°33	25°26	21°54	8°51	10°30	29° 1	0°32	9°30	9°20	12°42	28°52	M27
T 28	0 48 17	10°10'44	14°15	22°38	6°49	25° 7	22° 4	8°58	10°33	28°59	0°32	9°27	9°17	12°49	28°50	T 28
W29	0 52 13	11°10'22	28°37	23°58	8° 4	24°48	22°15	9° 4	10°37	28°58	0°32	9°22	9°13	12°56	28°47	W29
T 30	0 56 10	12♎10'03	13♓26	25♍23	9♎19	24♈29	22♌25	9♏11	10♍40	28♓56	0♒31	9♑14	9♑10	13♎ 2	28♓44	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n30	11s47	3n 8	3s25	3s59	11n42	1n22	8n 1	3s30	16n36	0n46	11s40	2n 9	8n57	0n44	1s36	1s38	27s20	7s27	23s 0	23s 8	8s37	3n29	3n47
T 2	6 7	5 51	4 3	3 8	3 56	11 15	1 22	8 3	3 30	16 32	0 46	11 42	2 9	8 55	0 44	1 37	1 38	27 20	7 27	23 1	23 8	8 40	3 28	3 47
F 3	5 45	0n31	4 42	2 48	3 51	10 48	1 23	8 4	3 29	16 29	0 46	11 44	2 9	8 54	0 44	1 37	1 38	27 21	7 27	23 1	23 8	8 43	3 27	3 47
S 4	5 22	6 52	5 1	2 23	3 45	10 21	1 24	8 4	3 28	16 25	0 47	11 45	2 8	8 52	0 44	1 38	1 38	27 21	7 27	23 2	23 9	8 45	3 26	3 47
S 5	4 59	12 47	4 59	1 53	3 37	9 53	1 24	8 5	3 27	16 21	0 47	11 47	2 8	8 51	0 44	1 38	1 38	27 21	7 26	23 3	23 9	8 48	3 25	3 47
M 6	4 36	17 51	4 36	1 20	3 26	9 25	1 25	8 5	3 26	16 18	0 47	11 49	2 8	8 50	0 44	1 39	1 38	27 21	7 26	23 4	23 9	8 51	3 24	3 47
T 7	4 12	21 42	3 56	0 44	3 14	8 57	1 25	8 5	3 25	16 14	0 47	11 51	2 8	8 48	0 44	1 40	1 38	27 21	7 26	23 4	23 9	8 53	3 23	3 47
W 8	3 49	24 8	3 3	0 5	3 0	8 29	1 25	8 5	3 24	16 11	0 47	11 53	2 8	8 47	0 44	1 41	1 38	27 21	7 26	23 4	23 10	8 56	3 22	3 47
T 9	3 26	25 1	2 0	0n37	2 44	8 1	1 26	8 5	3 22	16 7	0 47	11 55	2 8	8 45	0 44	1 41	1 38	27 21	7 26	23 5	23 10	8 59	3 21	3 47
F 10	3 2	24 26	0 53	1 19	2 27	7 32	1 26	8 4	3 21	16 3	0 47	11 57	2 7	8 44	0 44	1 42	1 38	27 21	7 26	23 5	23 10	9 1	3 20	3 47
S 11	2 39	22 32	0s15	2 2	2 8	7 3	1 26	8 3	3 20	16 0	0 48	11 59	2 7	8 42	0 44	1 43	1 38	27 21	7 26	23 5	23 10	9 4	3 19	3 47
S 12	2 15	19 34	1 21	2 44	1 49	6 33	1 26	8 2	3 18	15 56	0 48	12 1	2 7	8 41	0 44	1 43	1 38	27 21	7 26	23 5	23 11	9 7	3 17	3 47
M13	1 52	15 45	2 22	3 24	1 29	6 4	1 26	8 0	3 17	15 53	0 48	12 3	2 7	8 40	0 44	1 44	1 38	27 21	7 26	23 5	23 11	9 9	3 16	3 47
T 14	1 28	11 20	3 15	4 2	1 8	5 34	1 26	7 59	3 15	15 49	0 48	12 5	2 7	8 38	0 44	1 45	1 38	27 22	7 26	23 5	23 11	9 12	3 15	3 47
W15	1 5	6 32	3 59	4 36	0 48	5 5	1 26	7 57	3 13	15 46	0 48	12 8	2 7	8 37	0 44	1 45	1 38	27 22	7 26	23 6	23 11	9 15	3 14	3 47
T 16	0 41	1 33	4 32	5 6	0 28	4 35	1 26	7 55	3 12	15 42	0 48	12 10	2 6	8 36	0 44	1 46	1 38	27 22	7 25	23 7	23 11	9 17	3 13	3 47
F 17	0 17	3s27	4 52	5 31	0 9	4 5	1 25	7 52	3 10	15 39	0 48	12 12	2 6	8 34	0 44	1 47	1 38	27 22	7 25	23 8	23 12	9 20	3 12	3 47
S 18	0s 6	8 19	5 0	5 52	0n 9	3 35	1 25	7 50	3 8	15 35	0 49	12 14	2 6	8 33	0 44	1 47	1 38	27 22	7 25	23 9	23 12	9 22	3 11	3 47
S 19	0 30	12 52	4 54	6 7	0 26	3 4	1 25	7 47	3 6	15 32	0 49	12 16	2 6	8 32	0 44	1 48	1 38	27 22	7 25	23 10	23 12	9 25	3 9	3 47
M20	0 54	16 55	4 36	6 17	0 41	2 34	1 24	7 44	3 3	15 28	0 49	12 18	2 6	8 30	0 44	1 49	1 38	27 22	7 25	23 11	23 12	9 28	3 8	3 47
T 21	1 18	20 20	4 6	6 21	0 56	2 3	1 24	7 41	3 1	15 25	0 49	12 20	2 6	8 29	0 44	1 49	1 38	27 22	7 25	23 12	23 13	9 30	3 7	3 47
W22	1 41	22 54	3 24	6 20	1 8	1 33	1 23	7 38	2 59	15 21	0 49	12 22	2 6	8 28	0 44	1 50	1 38	27 22	7 25	23 13	23 13	9 33	3 6	3 47
T 23	2 5	24 27	2 33	6 15	1 20	1 2	1 22	7 34	2 56	15 18	0 49	12 25	2 5	8 26	0 44	1 51	1 38	27 22	7 25	23 13	23 13	9 36	3 5	3 47
F 24	2 29	24 51	1 34	6 4	1 30	0 32	1 22	7 31	2 54	15 14	0 50	12 27	2 5	8 25	0 44	1 51	1 38	27 22	7 25	23 13	23 13	9 38	3 4	3 47
S 25	2 52	23 59	0 29	5 49	1 38	0 1	1 21	7 27	2 51	15 11	0 50	12 29	2 5	8 24	0 44	1 52	1 38	27 22	7 24	23 13	23 14	9 41	3 3	3 46
S 26	3 16	21 50	0n39	5 30	1 45	0s30	1 20	7 23	2 48	15 8	0 50	12 31	2 5	8 22	0 44	1 53	1 38	27 22	7 24	23 13	23 14	9 43	3 1	3 46
M27	3 40	18 25	1 48	5 8	1 51	1 1	1 19	7 19	2 46	15 4	0 50	12 33	2 5	8 21	0 44	1 53	1 38	27 21	7 24	23 13	23 14	9 46	3 0	3 46
T 28	4 3	13 54	2 52	4 42	1 55	1 31	1 18	7 15	2 43	15 1	0 50	12 35	2 5	8 20	0 44	1 54	1 38	27 21	7 24	23 13	23 14	9 49	2 59	3 46
W29	4 27	8 27	3 48	4 13	1 58	2 2	1 17	7 11	2 40	14 58	0 50	12 38	2 5	8 18	0 44	1 55	1 38	27 21	7 24	23 14	23 14	9 51	2 58	3 46
T 30	4s50	2s23	4n31	3n41	2n 1	2s33	1n16	7n 6	2s37	14n54	0n51	12s40	2n 4	8n17	0n44	1s55	1s38	27s21	7s24	23s14	23s15	9s54	2n57	3n46

Julian Day Number = 2101891.5, Delta T = 21m11s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'46, Lahiri = 10°30'46 Julian Calendar 1 Sept. 1042 == Greg. Calendar 7 Sept. 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

OCTOBER 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	1 0 7	13♎ 9'45	28♓36	26♍50	10♎34	24°R 9	22♌36	9♏18	10♍43	28°R55	0°R31	9°R 4	9♉ 7	13♎ 9	28°R42	F 1
S 2	1 4 3	14° 9'29	13♈58	28°20	11°49	23♈49	22°46	9°24	10°47	28♓53	0♒31	8♉52	9° 4	13°16	28♓39	S 2
S 3	1 8 0	15° 9'15	29°18	29°53	13° 5	23°28	22°56	9°31	10°50	28°51	0°31	8°41	9° 1	13°23	28°36	S 3
M 4	1 11 56	16° 9'03	14♉27	1♎27	14°20	23° 8	23° 6	9°38	10°53	28°50	0°31	8°32	8°58	13°29	28°34	M 4
T 5	1 15 53	17° 8'53	29°14	3° 3	15°35	22°47	23°16	9°44	10°57	28°48	0°31	8°25	8°54	13°36	28°31	T 5
W 6	1 19 49	18° 8'46	13♊33	4°40	16°50	22°26	23°26	9°51	11° 0	28°47	0°31	8°21	8°51	13°43	28°29	W 6
T 7	1 23 46	19° 8'41	27°22	6°18	18° 6	22° 6	23°36	9°58	11° 3	28°45	0°30	8°19	8°48	13°50	28°26	T 7
F 8	1 27 42	20° 8'38	10♋44	7°57	19°21	21°45	23°46	10° 5	11° 6	28°44	0°30	8°D18	8°45	13°56	28°24	F 8
S 9	1 31 39	21° 8'37	23°39	9°36	20°36	21°24	23°56	10°12	11° 9	28°42	0°D30	8°R18	8°42	14° 3	28°21	S 9
S 10	1 35 36	22° 8'38	6♌14	11°15	21°52	21° 3	24° 5	10°18	11°12	28°41	0°30	8°18	8°38	14°10	28°19	S 10
M11	1 39 32	23° 8'42	18°32	12°55	23° 7	20°43	24°15	10°25	11°15	28°39	0°31	8°15	8°35	14°16	28°16	M11
T 12	1 43 29	24° 8'48	0♍39	14°35	24°22	20°23	24°24	10°32	11°18	28°38	0°31	8°10	8°32	14°23	28°14	T 12
W13	1 47 25	25° 8'56	12°37	16°14	25°37	20° 3	24°33	10°39	11°21	28°36	0°31	8° 1	8°29	14°30	28°12	W13
T 14	1 51 22	26° 9'06	24°31	17°54	26°53	19°43	24°42	10°46	11°24	28°35	0°31	7°51	8°26	14°37	28° 9	T 14
F 15	1 55 18	27° 9'17	6♎23	19°33	28° 8	19°24	24°51	10°53	11°27	28°33	0°31	7°38	8°23	14°43	28° 7	F 15
S 16	1 59 15	28° 9'31	18°15	21°12	29°24	19° 5	25° 0	11° 0	11°30	28°32	0°31	7°24	8°19	14°50	28° 5	S 16
S 17	2 3 11	29° 9'47	0♏ 8	22°51	0♏39	18°46	25° 9	11° 7	11°33	28°30	0°31	7°11	8°16	14°57	28° 3	S 17
M18	2 7 8	0♏10'05	12° 4	24°29	1°54	18°28	25°18	11°14	11°36	28°29	0°32	6°59	8°13	15° 3	28° 0	M18
T 19	2 11 5	1°10'24	24° 5	26° 8	3°10	18°11	25°26	11°21	11°39	28°28	0°32	6°49	8°10	15°10	27°58	T 19
W20	2 15 1	2°10'45	6♐11	27°46	4°25	17°54	25°35	11°28	11°41	28°26	0°32	6°42	8° 7	15°17	27°56	W20
T 21	2 18 58	3°11'08	18°24	29°23	5°40	17°37	25°43	11°35	11°44	28°25	0°33	6°37	8° 3	15°24	27°54	T 21
F 22	2 22 54	4°11'32	0♑49	1♏ 0	6°56	17°22	25°51	11°42	11°47	28°24	0°33	6°D36	8° 0	15°30	27°52	F 22
S 23	2 26 51	5°11'57	13°27	2°37	8°11	17° 7	25°59	11°49	11°49	28°22	0°33	6°36	7°57	15°37	27°50	S 23
S 24	2 30 47	6°12'25	26°24	4°14	9°26	16°52	26° 7	11°56	11°52	28°21	0°34	6°36	7°54	15°44	27°48	S 24
M25	2 34 44	7°12'53	9♒41	5°50	10°42	16°39	26°15	12° 4	11°54	28°20	0°34	6°R37	7°51	15°51	27°46	M25
T 26	2 38 40	8°13'23	23°23	7°26	11°57	16°26	26°23	12°11	11°57	28°19	0°35	6°36	7°48	15°57	27°44	T 26
W27	2 42 37	9°13'54	7♓31	9° 2	13°13	16°14	26°30	12°18	11°59	28°18	0°35	6°32	7°44	16° 4	27°42	W27
T 28	2 46 34	10°14'26	22° 5	10°37	14°28	16° 2	26°38	12°25	12° 2	28°16	0°36	6°27	7°41	16°11	27°40	T 28
F 29	2 50 30	11°14'59	6♈59	12°13	15°43	15°52	26°45	12°32	12° 4	28°15	0°36	6°19	7°38	16°17	27°38	F 29
S 30	2 54 27	12°15'34	22° 8	13°47	16°59	15°42	26°52	12°39	12° 7	28°14	0°37	6°11	7°35	16°24	27°37	S 30
S 31	2 58 23	13♏16'11	7♉21	15♏22	18♏14	15♈33	26♌59	12♏46	12♍ 9	28♓13	0♒37	6♉ 2	7♉32	16♎31	27♓35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s13	3n57	4n55	3n 8	2n 2	3s 4	1n15	7n 2	2s34	14n51	0n51	12s42	2n 4	8n16	0n44	1s56	1s38	27s21	7s24	23s15	23s15	9s56	2n56	3n46
S 2	5 37	10 7	4 59	2 32	2 2	3 34	1 14	6 58	2 30	14 48	0 51	12 44	2 4	8 15	0 44	1 56	1 38	27 21	7 24	23 16	23 15	9 59	2 55	3 46
S 3	6 0	15 40	4 41	1 54	2 2	4 5	1 12	6 53	2 27	14 45	0 51	12 46	2 4	8 13	0 44	1 57	1 38	27 21	7 23	23 17	23 15	10 2	2 53	3 46
M 4	6 23	20 8	4 4	1 16	2 1	4 35	1 11	6 49	2 24	14 42	0 51	12 49	2 4	8 12	0 44	1 58	1 38	27 21	7 23	23 17	23 16	10 4	2 52	3 45
T 5	6 46	23 11	3 11	0 36	1 59	5 6	1 10	6 44	2 20	14 38	0 51	12 51	2 4	8 11	0 44	1 58	1 38	27 21	7 23	23 18	23 16	10 7	2 51	3 45
W 6	7 9	24 39	2 7	0s 6	1 56	5 36	1 8	6 40	2 17	14 35	0 52	12 53	2 4	8 10	0 44	1 59	1 38	27 21	7 23	23 18	23 16	10 9	2 50	3 45
T 7	7 32	24 30	0 58	0 47	1 53	6 6	1 7	6 35	2 14	14 32	0 52	12 55	2 4	8 9	0 44	2 0	1 38	27 21	7 23	23 18	23 16	10 12	2 49	3 45
F 8	7 55	22 55	0s13	1 30	1 49	6 36	1 5	6 31	2 10	14 29	0 52	12 58	2 4	8 7	0 44	2 0	1 38	27 21	7 23	23 18	23 16	10 14	2 48	3 45
S 9	8 17	20 10	1 20	2 13	1 45	7 6	1 4	6 26	2 6	14 26	0 52	13 0	2 4	8 6	0 44	2 1	1 38	27 20	7 23	23 18	23 17	10 17	2 47	3 45
S 10	8 40	16 31	2 22	2 56	1 41	7 36	1 2	6 22	2 3	14 23	0 52	13 2	2 3	8 5	0 44	2 1	1 38	27 20	7 23	23 18	23 17	10 20	2 46	3 45
M11	9 2	12 15	3 16	3 39	1 36	8 5	1 1	6 17	1 59	14 20	0 53	13 4	2 3	8 4	0 44	2 2	1 38	27 20	7 22	23 18	23 17	10 22	2 44	3 45
T 12	9 25	7 34	4 0	4 23	1 31	8 35	0 59	6 13	1 55	14 17	0 53	13 7	2 3	8 3	0 44	2 2	1 38	27 20	7 22	23 19	23 17	10 25	2 43	3 44
W13	9 47	2 40	4 32	5 6	1 26	9 4	0 57	6 9	1 52	14 14	0 53	13 9	2 3	8 2	0 45	2 3	1 38	27 20	7 22	23 19	23 17	10 27	2 42	3 44
T 14	10 9	2s18	4 53	5 49	1 20	9 33	0 55	6 5	1 48	14 11	0 53	13 11	2 3	8 1	0 45	2 4	1 38	27 20	7 22	23 20	23 18	10 30	2 41	3 44
F 15	10 31	7 9	5 1	6 33	1 14	10 2	0 54	6 1	1 44	14 9	0 53	13 13	2 3	7 59	0 45	2 4	1 38	27 20	7 22	23 21	23 18	10 32	2 40	3 44
S 16	10 52	11 44	4 56	7 16	1 8	10 31	0 52	5 58	1 41	14 6	0 54	13 15	2 3	7 58	0 45	2 5	1 38	27 19	7 22	23 21	23 18	10 35	2 39	3 44
S 17	11 14	15 54	4 38	7 58	1 2	10 59	0 50	5 54	1 37	14 3	0 54	13 18	2 3	7 57	0 45	2 5	1 38	27 19	7 22	23 22	23 18	10 37	2 38	3 44
M18	11 35	19 27	4 7	8 41	0 56	11 27	0 48	5 51	1 33	14 0	0 54	13 20	2 3	7 56	0 45	2 6	1 38	27 19	7 21	23 23	23 18	10 40	2 37	3 43
T 19	11 57	22 13	3 26	9 22	0 49	11 55	0 46	5 47	1 29	13 58	0 54	13 22	2 3	7 55	0 45	2 6	1 38	27 19	7 21	23 23	23 19	10 42	2 36	3 43
W20	12 18	23 59	2 34	10 4	0 43	12 22	0 44	5 44	1 25	13 55	0 55	13 24	2 3	7 54	0 45	2 7	1 37	27 19	7 21	23 24	23 19	10 45	2 35	3 43
T 21	12 38	24 38	1 35	10 45	0 36	12 50	0 42	5 42	1 22	13 52	0 55	13 27	2 3	7 53	0 45	2 7	1 37	27 18	7 21	23 24	23 19	10 47	2 34	3 43
F 22	12 59	24 4	0 31	11 25	0 30	13 16	0 40	5 39	1 18	13 50	0 55	13 29	2 3	7 52	0 45	2 8	1 37	27 18	7 21	23 24	23 19	10 50	2 33	3 43
S 23	13 19	22 16	0n37	12 5	0 23	13 43	0 38	5 37	1 14	13 47	0 55	13 31	2 3	7 51	0 45	2 8	1 37	27 18	7 21	23 24	23 19	10 53	2 32	3 43
S 24	13 40	19 17	1 44	12 44	0 16	14 9	0 35	5 35	1 11	13 45	0 55	13 33	2 2	7 50	0 45	2 9	1 37	27 18	7 21	23 24	23 20	10 55	2 31	3 42
M25	14 0	15 14	2 47	13 23	0 10	14 35	0 33	5 33	1 7	13 42	0 56	13 36	2 2	7 49	0 45	2 9	1 37	27 17	7 20	23 24	23 20	10 58	2 30	3 42
T 26	14 19	10 17	3 43	14 1	0 3	15 1	0 31	5 31	1 3	13 40	0 56	13 38	2 2	7 48	0 45	2 10	1 37	27 17	7 20	23 24	23 20	11 0	2 29	3 42
W27	14 39	4 39	4 27	14 38	0s 4	15 26	0 29	5 30	1 0	13 37	0 56	13 40	2 2	7 47	0 45	2 10	1 37	27 17	7 20	23 24	23 20	11 3	2 28	3 42
T 28	14 58	1n22	4 56	15 15	0 10	15 50	0 27	5 29	0 56	13 35	0 56	13 42	2 2	7 47	0 45	2 11	1 37	27 17	7 20	23 24	23 20	11 5	2 27	3 42
F 29	15 17	7 27	5 5	15 51	0 17	16 15	0 24	5 28	0 53	13 33	0 57	13 44	2 2	7 46	0 45	2 11	1 37	27 17	7 20	23 25	23 21	11 8	2 26	3 41
S 30	15 36	13 12	4 54	16 26	0 23	16 39	0 22	5 27	0 49	13 31	0 57	13 46	2 2	7 45	0 45	2 11	1 37	27 16	7 20	23 25	23 21	11 10	2 25	3 41
S 31	15s54	18n 9	4n21	17s 0	0s30	17s 2	0n20	5n27	0s46	13n28	0n57	13s49	2n 2	7n44	0n45	2s12	1s37	27s16	7s20	23s26	23s21	11s13	2n25	3n41

Julian Day Number = 2101921.5, Delta T = 21m11s
Ecliptic obliquity = 23°33'50, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'50, Lahiri = 10°30'50 Julian Calendar 1 Oct. 1042 == Greg. Calendar 7 Oct. 1042

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1042
geocentric

NOVEMBER 1042 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	3 2 20	14♏16'48	22♉27	16♏57	19♏29	15°R25	27♌ 6	12♏53	12♍11	28°R12	0♒38	5°R55	7♑29	16♎38	27°R33	M 1
T 2	3 6 16	15°17'28	7♊17	18°31	20°45	15♈18	27°12	13° 0	12°13	28♓11	0°39	5♑50	7°25	16°44	27♓32	T 2
W 3	3 10 13	16°18'09	21°44	20° 5	22° 0	15°11	27°19	13° 8	12°15	28°10	0°39	5°47	7°22	16°51	27°30	W 3
T 4	3 14 9	17°18'52	5♋42	21°39	23°16	15° 5	27°25	13°15	12°18	28° 9	0°40	5°D46	7°19	16°58	27°28	T 4
F 5	3 18 6	18°19'36	19°12	23°13	24°31	15° 0	27°31	13°22	12°20	28° 8	0°41	5°46	7°16	17° 4	27°27	F 5
S 6	3 22 3	19°20'21	2♌15	24°46	25°46	14°56	27°38	13°29	12°22	28° 7	0°42	5°48	7°13	17°11	27°26	S 6
S 7	3 25 59	20°21'09	14°55	26°20	27° 2	14°53	27°43	13°36	12°24	28° 6	0°42	5°R49	7° 9	17°18	27°24	S 7
M 8	3 29 56	21°21'58	27°15	27°53	28°17	14°50	27°49	13°43	12°25	28° 6	0°43	5°49	7° 6	17°25	27°23	M 8
T 9	3 33 52	22°22'48	9♍22	29°27	29°33	14°49	27°55	13°50	12°27	28° 5	0°44	5°47	7° 3	17°31	27°21	T 9
W10	3 37 49	23°23'40	21°19	1♐ 0	0♐48	14°48	28° 0	13°57	12°29	28° 4	0°45	5°43	7° 0	17°38	27°20	W10
T 11	3 41 45	24°24'33	3♎11	2°33	2° 3	14°D48	28° 6	14° 4	12°31	28° 3	0°46	5°38	6°57	17°45	27°19	T 11
F 12	3 45 42	25°25'27	15° 2	4° 6	3°19	14°48	28°11	14°11	12°33	28° 2	0°47	5°31	6°54	17°52	27°18	F 12
S 13	3 49 38	26°26'23	26°55	5°39	4°34	14°50	28°16	14°18	12°34	28° 2	0°48	5°23	6°50	17°58	27°17	S 13
S 14	3 53 35	27°27'21	8♏52	7°12	5°49	14°52	28°20	14°25	12°36	28° 1	0°49	5°15	6°47	18° 5	27°16	S 14
M15	3 57 32	28°28'19	20°55	8°45	7° 5	14°55	28°25	14°32	12°37	28° 0	0°50	5° 8	6°44	18°12	27°15	M15
T 16	4 1 28	29°29'18	3♐ 6	10°18	8°20	14°59	28°29	14°39	12°39	28° 0	0°51	5° 3	6°41	18°18	27°14	T 16
W17	4 5 25	0♐30'19	15°25	11°51	9°36	15° 3	28°34	14°46	12°40	27°59	0°52	4°59	6°38	18°25	27°13	W17
T 18	4 9 21	1°31'20	27°53	13°23	10°51	15° 9	28°38	14°53	12°42	27°59	0°53	4°58	6°35	18°32	27°12	T 18
F 19	4 13 18	2°32'22	10♑33	14°56	12° 6	15°15	28°42	15° 0	12°43	27°58	0°54	4°D57	6°31	18°39	27°11	F 19
S 20	4 17 14	3°33'25	23°25	16°28	13°22	15°22	28°45	15° 7	12°45	27°58	0°55	4°59	6°28	18°45	27°10	S 20
S 21	4 21 11	4°34'29	6♒31	18° 0	14°37	15°29	28°49	15°14	12°46	27°57	0°56	5° 0	6°25	18°52	27°10	S 21
M22	4 25 7	5°35'33	19°53	19°32	15°53	15°37	28°52	15°21	12°47	27°57	0°57	5° 2	6°22	18°59	27° 9	M22
T 23	4 29 4	6°36'37	3♓32	21° 3	17° 8	15°46	28°56	15°27	12°48	27°56	0°58	5°R 3	6°19	19° 5	27° 9	T 23
W24	4 33 1	7°37'42	17°30	22°34	18°23	15°55	28°59	15°34	12°49	27°56	0°59	5° 2	6°15	19°12	27° 8	W24
T 25	4 36 57	8°38'47	1♈46	24° 5	19°39	16° 6	29° 2	15°41	12°50	27°56	1° 1	5° 1	6°12	19°19	27° 8	T 25
F 26	4 40 54	9°39'53	16°17	25°35	20°54	16°16	29° 4	15°48	12°51	27°55	1° 2	4°58	6° 9	19°26	27° 7	F 26
S 27	4 44 50	10°40'59	1♉ 1	27° 4	22° 9	16°28	29° 7	15°54	12°52	27°55	1° 3	4°55	6° 6	19°32	27° 7	S 27
S 28	4 48 47	11°42'05	15°49	28°33	23°25	16°40	29° 9	16° 1	12°53	27°55	1° 4	4°51	6° 3	19°39	27° 7	S 28
M29	4 52 43	12°43'12	0♊35	0♑ 1	24°40	16°52	29°11	16° 8	12°54	27°55	1° 6	4°48	6° 0	19°46	27° 6	M29
T 30	4 56 40	13♐44'20	15♊10	1♑27	25♐55	17♈ 6	29♌13	16♏14	12♍54	27♓55	1♒ 7	4♑46	5♑56	19♎52	27♓ 6	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16s12	21n53	3n31	17s34	0s36	17s25	0n17	5n27	0s43	13n26	0n57	13s51	2n 2	7n43	0n45	2s12	1s37	27s16	7s20	23s26	23s21	11s15	2n24	3n41
T 2	16 30	24 3	2 27	18 7	0 43	17 48	0 15	5 27	0 39	13 24	0 57	13 53	2 2	7 42	0 45	2 13	1 37	27 15	7 19	23 26	23 21	11 18	2 23	3 41
W 3	16 48	24 33	1 15	18 38	0 49	18 10	0 13	5 27	0 36	13 22	0 58	13 55	2 2	7 42	0 45	2 13	1 37	27 15	7 19	23 26	23 21	11 20	2 22	3 40
T 4	17 5	23 27	0 0	19 9	0 55	18 31	0 10	5 28	0 33	13 20	0 58	13 57	2 2	7 41	0 45	2 13	1 37	27 15	7 19	23 26	23 22	11 22	2 21	3 40
F 5	17 22	21 0	1s12	19 39	1 1	18 52	0 8	5 29	0 30	13 18	0 58	13 59	2 2	7 40	0 45	2 14	1 37	27 15	7 19	23 26	23 22	11 25	2 20	3 40
S 6	17 39	17 31	2 18	20 8	1 7	19 13	0 5	5 30	0 27	13 16	0 58	14 2	2 2	7 39	0 45	2 14	1 37	27 14	7 19	23 26	23 22	11 27	2 20	3 40
S 7	17 56	13 20	3 15	20 37	1 13	19 33	0 3	5 32	0 23	13 15	0 59	14 4	2 2	7 39	0 45	2 14	1 37	27 14	7 19	23 26	23 22	11 30	2 19	3 39
M 8	18 12	8 42	4 2	21 4	1 18	19 52	0 1	5 34	0 21	13 13	0 59	14 6	2 2	7 38	0 45	2 15	1 37	27 14	7 19	23 26	23 22	11 32	2 18	3 39
T 9	18 28	3 49	4 37	21 30	1 24	20 11	0s 2	5 36	0 18	13 11	0 59	14 8	2 2	7 37	0 45	2 15	1 37	27 13	7 19	23 26	23 22	11 35	2 17	3 39
W10	18 43	1s 8	4 59	21 55	1 29	20 30	0 4	5 38	0 15	13 9	0 59	14 10	2 2	7 37	0 45	2 15	1 37	27 13	7 18	23 26	23 23	11 37	2 17	3 39
T 11	18 58	5 59	5 9	22 19	1 34	20 47	0 7	5 41	0 12	13 8	1 0	14 12	2 2	7 36	0 46	2 15	1 37	27 13	7 18	23 27	23 23	11 40	2 16	3 39
F 12	19 13	10 38	5 5	22 41	1 39	21 4	0 9	5 43	0 9	13 6	1 0	14 14	2 2	7 35	0 46	2 16	1 37	27 12	7 18	23 27	23 23	11 42	2 15	3 38
S 13	19 28	14 54	4 48	23 3	1 43	21 21	0 11	5 46	0 6	13 5	1 0	14 16	2 2	7 35	0 46	2 16	1 37	27 12	7 18	23 27	23 23	11 45	2 15	3 38
S 14	19 42	18 36	4 18	23 24	1 48	21 37	0 14	5 50	0 4	13 3	1 0	14 18	2 2	7 34	0 46	2 16	1 37	27 12	7 18	23 28	23 23	11 47	2 14	3 38
M15	19 55	21 33	3 37	23 43	1 52	21 52	0 16	5 53	0 1	13 2	1 1	14 20	2 2	7 34	0 46	2 16	1 37	27 11	7 18	23 28	23 23	11 49	2 14	3 38
T 16	20 9	23 35	2 45	24 1	1 56	22 7	0 19	5 57	0n 1	13 1	1 1	14 22	2 2	7 33	0 46	2 17	1 37	27 11	7 18	23 28	23 24	11 52	2 13	3 37
W17	20 22	24 30	1 45	24 18	1 59	22 21	0 21	6 1	0 4	12 59	1 1	14 24	2 2	7 32	0 46	2 17	1 36	27 11	7 18	23 28	23 24	11 54	2 12	3 37
T 18	20 34	24 11	0 39	24 33	2 3	22 34	0 23	6 5	0 6	12 58	1 2	14 26	2 2	7 32	0 46	2 17	1 36	27 10	7 18	23 28	23 24	11 57	2 12	3 37
F 19	20 47	22 38	0n31	24 47	2 6	22 47	0 26	6 10	0 9	12 57	1 2	14 28	2 2	7 31	0 46	2 17	1 36	27 10	7 17	23 28	23 24	11 59	2 11	3 37
S 20	20 58	19 53	1 39	25 0	2 8	22 59	0 28	6 15	0 11	12 56	1 2	14 30	2 2	7 31	0 46	2 17	1 36	27 10	7 17	23 28	23 24	12 2	2 11	3 36
S 21	21 10	16 5	2 44	25 11	2 11	23 11	0 30	6 20	0 13	12 55	1 2	14 32	2 2	7 31	0 46	2 17	1 36	27 9	7 17	23 28	23 24	12 4	2 10	3 36
M22	21 21	11 25	3 42	25 21	2 13	23 21	0 33	6 25	0 15	12 54	1 3	14 34	2 2	7 30	0 46	2 17	1 36	27 9	7 17	23 28	23 25	12 6	2 10	3 36
T 23	21 32	6 6	4 28	25 30	2 14	23 31	0 35	6 30	0 18	12 53	1 3	14 36	2 2	7 30	0 46	2 18	1 36	27 9	7 17	23 28	23 25	12 9	2 9	3 36
W24	21 42	0 22	4 59	25 36	2 15	23 40	0 37	6 36	0 20	12 53	1 3	14 38	2 2	7 29	0 46	2 18	1 36	27 8	7 17	23 28	23 25	12 11	2 9	3 36
T 25	21 52	5n29	5 13	25 42	2 16	23 49	0 40	6 42	0 22	12 52	1 3	14 40	2 2	7 29	0 46	2 18	1 36	27 8	7 17	23 28	23 25	12 14	2 8	3 35
F 26	22 1	11 10	5 8	25 46	2 16	23 57	0 42	6 48	0 24	12 51	1 4	14 42	2 2	7 29	0 46	2 18	1 36	27 8	7 17	23 28	23 25	12 16	2 8	3 35
S 27	22 10	16 17	4 42	25 48	2 16	24 4	0 44	6 54	0 26	12 50	1 4	14 44	2 2	7 28	0 46	2 18	1 36	27 7	7 17	23 28	23 25	12 18	2 8	3 35
S 28	22 18	20 26	3 57	25 48	2 15	24 10	0 46	7 0	0 28	12 50	1 4	14 46	2 2	7 28	0 46	2 18	1 36	27 7	7 17	23 28	23 25	12 21	2 7	3 35
M29	22 26	23 16	2 57	25 47	2 14	24 16	0 48	7 7	0 29	12 49	1 5	14 48	2 3	7 28	0 46	2 18	1 36	27 6	7 17	23 29	23 26	12 23	2 7	3 34
T 30	22s34	24n29	1n46	25s45	2s11	24s20	0s50	7n14	0n31	12n49	1n 5	14s49	2n 3	7n28	0n46	2s18	1s36	27s 6	7s16	23s29	23s26	12s26	2n 7	3n34

Julian Day Number = 2101952.5, Delta T = 21m11s
Ecliptic obliquity = 23°33'49, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'54, Lahiri = 10°30'54 Julian Calendar 1 Nov. 1042 == Greg. Calendar 7 Nov. 1042

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ASTRODIENST EPHEMERIS for the year 1042
geocentric

DECEMBER 1042 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	5 0 36	14♐45'28	29♊29	2♑52	27♐10	17♈19	29♌15	16♏21	12♍55	27°R55	1♒ 8	4°D45	5♑53	19♎59	27°R 6	W 1
T 2	5 4 33	15°46'36	13♋27	4°15	28°26	17°34	29°16	16°27	12°56	27♓54	1°10	4♑45	5°50	20° 6	27♓ 6	T 2
F 3	5 8 30	16°47'45	27° 0	5°36	29°41	17°49	29°18	16°34	12°56	27°54	1°11	4°46	5°47	20°13	27°D 6	F 3
S 4	5 12 26	17°48'55	10♌ 9	6°54	0♑56	18° 4	29°19	16°40	12°57	27°D54	1°13	4°48	5°44	20°19	27° 6	S 4
S 5	5 16 23	18°50'05	22°54	8°10	2°12	18°20	29°20	16°47	12°57	27°54	1°14	4°49	5°41	20°26	27° 6	S 5
M 6	5 20 19	19°51'15	5♍21	9°23	3°27	18°36	29°21	16°53	12°58	27°55	1°15	4°50	5°37	20°33	27° 6	M 6
T 7	5 24 16	20°52'27	17°31	10°31	4°42	18°53	29°21	16°59	12°58	27°55	1°17	4°R51	5°34	20°40	27° 6	T 7
W 8	5 28 12	21°53'38	29°30	11°35	5°57	19°11	29°22	17° 6	12°58	27°55	1°18	4°50	5°31	20°46	27° 7	W 8
T 9	5 32 9	22°54'50	11♎24	12°34	7°13	19°28	29°22	17°12	12°59	27°55	1°20	4°50	5°28	20°53	27° 7	T 9
F 10	5 36 6	23°56'03	23°15	13°26	8°28	19°47	29°R22	17°18	12°59	27°55	1°21	4°49	5°25	21° 0	27° 7	F 10
S 11	5 40 2	24°57'15	5♏ 9	14°12	9°43	20° 5	29°22	17°24	12°59	27°55	1°23	4°47	5°21	21° 6	27° 8	S 11
S 12	5 43 59	25°58'28	17° 9	14°50	10°58	20°25	29°21	17°30	12°59	27°56	1°24	4°46	5°18	21°13	27° 8	S 12
M13	5 47 55	26°59'42	29°19	15°19	12°14	20°44	29°21	17°36	12°R59	27°56	1°26	4°44	5°15	21°20	27° 9	M13
T 14	5 51 52	28° 0'55	11♐40	15°39	13°29	21° 4	29°20	17°42	12°59	27°56	1°27	4°44	5°12	21°27	27° 9	T 14
W15	5 55 48	29° 2'09	24°14	15°R49	14°44	21°25	29°19	17°48	12°59	27°57	1°29	4°43	5° 9	21°33	27°10	W15
T 16	5 59 45	0♑ 3'22	7♑ 2	15°47	15°59	21°46	29°18	17°54	12°59	27°57	1°31	4°D43	5° 6	21°40	27°11	T 16
F 17	6 3 41	1° 4'36	20° 4	15°34	17°14	22° 7	29°16	18° 0	12°59	27°58	1°32	4°43	5° 2	21°47	27°11	F 17
S 18	6 7 38	2° 5'49	3♒19	15° 8	18°29	22°29	29°15	18° 6	12°58	27°58	1°34	4°43	4°59	21°53	27°12	S 18
S 19	6 11 35	3° 7'01	16°47	14°31	19°45	22°51	29°13	18°12	12°58	27°59	1°35	4°44	4°56	22° 0	27°13	S 19
M20	6 15 31	4° 8'13	0♓27	13°43	21° 0	23°13	29°11	18°17	12°58	27°59	1°37	4°44	4°53	22° 7	27°14	M20
T 21	6 19 28	5° 9'25	14°18	12°45	22°15	23°36	29° 9	18°23	12°57	28° 0	1°39	4°R44	4°50	22°14	27°15	T 21
W22	6 23 24	6°10'36	28°18	11°38	23°30	23°59	29° 7	18°29	12°57	28° 0	1°40	4°44	4°47	22°20	27°16	W22
T 23	6 27 21	7°11'46	12♈27	10°25	24°45	24°22	29° 4	18°34	12°56	28° 1	1°42	4°D44	4°43	22°27	27°17	T 23
F 24	6 31 17	8°12'55	26°41	9° 7	26° 0	24°46	29° 1	18°39	12°56	28° 2	1°44	4°44	4°40	22°34	27°18	F 24
S 25	6 35 14	9°14'04	10♉59	7°48	27°15	25°10	28°58	18°45	12°55	28° 2	1°45	4°44	4°37	22°40	27°19	S 25
S 26	6 39 10	10°15'12	25°18	6°30	28°30	25°35	28°55	18°50	12°54	28° 3	1°47	4°45	4°34	22°47	27°20	S 26
M27	6 43 7	11°16'20	9♊34	5°14	29°45	25°59	28°52	18°55	12°53	28° 4	1°49	4°45	4°31	22°54	27°22	M27
T 28	6 47 4	12°17'26	23°42	4° 4	1♒ 0	26°24	28°49	19° 1	12°53	28° 5	1°51	4°46	4°27	23° 1	27°23	T 28
W29	6 51 0	13°18'32	7♋39	3° 0	2°15	26°49	28°45	19° 6	12°52	28° 6	1°52	4°R46	4°24	23° 7	27°25	W29
T 30	6 54 57	14°19'38	21°20	2° 5	3°30	27°15	28°41	19°11	12°51	28° 6	1°54	4°46	4°21	23°14	27°26	T 30
F 31	6 58 53	15♑20'42	4♌45	1♑18	4♒45	27♈41	28♌37	19♏16	12♍50	28♓ 7	1♒56	4♑45	4♑18	23♎21	27♓27	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s41	24n 3	0n29	25s41	2s 9	24s24	0s52	7n21	0n33	12n49	1n 5	14s51	2n 3	7n27	0n46	2s18	1s36	27s 6	7s16	23s29	23s26	12s28	2n 6	3n34
T 2	22 48	22 5	0s48	25 35	2 5	24 28	0 55	7 28	0 35	12 48	1 5	14 53	2 3	7 27	0 46	2 18	1 36	27 5	7 16	23 29	23 26	12 30	2 6	3 34
F 3	22 54	18 54	2 0	25 27	2 1	24 30	0 57	7 35	0 36	12 48	1 6	14 55	2 3	7 27	0 46	2 18	1 36	27 5	7 16	23 29	23 26	12 33	2 6	3 33
S 4	23 0	14 51	3 3	25 19	1 56	24 32	0 58	7 42	0 38	12 48	1 6	14 57	2 3	7 27	0 46	2 18	1 36	27 5	7 16	23 29	23 26	12 35	2 6	3 33
S 5	23 5	10 14	3 56	25 8	1 50	24 33	1 0	7 50	0 40	12 48	1 6	14 58	2 3	7 27	0 47	2 18	1 36	27 4	7 16	23 29	23 26	12 37	2 6	3 33
M 6	23 10	5 20	4 36	24 56	1 43	24 33	1 2	7 58	0 41	12 48	1 6	15 0	2 3	7 27	0 47	2 18	1 36	27 4	7 16	23 28	23 27	12 40	2 5	3 33
T 7	23 15	0 19	5 2	24 43	1 35	24 33	1 4	8 5	0 43	12 48	1 7	15 2	2 3	7 26	0 47	2 18	1 36	27 3	7 16	23 28	23 27	12 42	2 5	3 32
W 8	23 19	4s37	5 15	24 29	1 26	24 32	1 6	8 13	0 44	12 48	1 7	15 4	2 3	7 26	0 47	2 18	1 35	27 3	7 16	23 28	23 27	12 45	2 5	3 32
T 9	23 22	9 20	5 14	24 13	1 16	24 30	1 8	8 22	0 46	12 48	1 7	15 5	2 3	7 26	0 47	2 17	1 35	27 3	7 16	23 28	23 27	12 47	2 5	3 32
F 10	23 25	13 43	5 0	23 57	1 5	24 27	1 9	8 30	0 47	12 49	1 8	15 7	2 3	7 26	0 47	2 17	1 35	27 2	7 16	23 29	23 27	12 49	2 5	3 32
S 11	23 28	17 35	4 33	23 40	0 52	24 23	1 11	8 38	0 48	12 49	1 8	15 9	2 3	7 26	0 47	2 17	1 35	27 2	7 16	23 29	23 27	12 52	2 5	3 31
S 12	23 30	20 47	3 54	23 22	0 39	24 19	1 13	8 47	0 50	12 49	1 8	15 10	2 3	7 26	0 47	2 17	1 35	27 1	7 16	23 29	23 27	12 54	2 5	3 31
M13	23 32	23 6	3 4	23 4	0 24	24 14	1 14	8 55	0 51	12 50	1 8	15 12	2 3	7 26	0 47	2 17	1 35	27 1	7 16	23 29	23 28	12 56	2 5	3 31
T 14	23 33	24 21	2 4	22 46	0 8	24 8	1 16	9 4	0 52	12 50	1 9	15 13	2 4	7 26	0 47	2 17	1 35	27 1	7 16	23 29	23 28	12 59	2 5	3 31
W15	23 34	24 24	0 58	22 28	0n 9	24 2	1 17	9 13	0 53	12 51	1 9	15 15	2 4	7 26	0 47	2 16	1 35	27 0	7 16	23 29	23 28	13 1	2 5	3 30
T 16	23 34	23 10	0n13	22 11	0 27	23 54	1 19	9 22	0 55	12 52	1 9	15 17	2 4	7 27	0 47	2 16	1 35	27 0	7 16	23 29	23 28	13 3	2 5	3 30
F 17	23 34	20 40	1 24	21 54	0 46	23 46	1 20	9 31	0 56	12 52	1 10	15 18	2 4	7 27	0 47	2 16	1 35	26 59	7 16	23 29	23 28	13 6	2 5	3 30
S 18	23 33	17 3	2 32	21 37	1 5	23 37	1 21	9 40	0 57	12 53	1 10	15 20	2 4	7 27	0 47	2 16	1 35	26 59	7 15	23 29	23 28	13 8	2 5	3 30
S 19	23 32	12 30	3 33	21 22	1 24	23 28	1 23	9 49	0 58	12 54	1 10	15 21	2 4	7 27	0 47	2 16	1 35	26 58	7 15	23 29	23 28	13 10	2 5	3 29
M20	23 30	7 17	4 22	21 8	1 44	23 18	1 24	9 59	0 59	12 55	1 10	15 23	2 4	7 27	0 47	2 15	1 35	26 58	7 15	23 29	23 28	13 12	2 5	3 29
T 21	23 28	1 38	4 57	20 55	2 2	23 7	1 25	10 8	1 0	12 56	1 11	15 24	2 4	7 27	0 47	2 15	1 35	26 58	7 15	23 29	23 28	13 15	2 6	3 29
W22	23 25	4n 8	5 15	20 44	2 20	22 55	1 26	10 18	1 1	12 57	1 11	15 25	2 4	7 28	0 47	2 15	1 35	26 57	7 15	23 29	23 29	13 17	2 6	3 29
T 23	23 22	9 46	5 14	20 33	2 36	22 43	1 27	10 27	1 2	12 58	1 11	15 27	2 4	7 28	0 47	2 14	1 35	26 57	7 15	23 29	23 29	13 19	2 6	3 28
F 24	23 18	14 54	4 54	20 25	2 51	22 30	1 28	10 37	1 3	12 59	1 11	15 28	2 5	7 28	0 47	2 14	1 35	26 56	7 15	23 29	23 29	13 22	2 6	3 28
S 25	23 14	19 15	4 16	20 18	3 3	22 16	1 29	10 47	1 4	13 1	1 12	15 30	2 5	7 28	0 47	2 14	1 35	26 56	7 15	23 29	23 29	13 24	2 6	3 28
S 26	23 10	22 27	3 22	20 12	3 12	22 2	1 30	10 57	1 5	13 2	1 12	15 31	2 5	7 29	0 47	2 13	1 35	26 56	7 15	23 29	23 29	13 26	2 7	3 28
M27	23 5	24 14	2 15	20 8	3 20	21 47	1 31	11 6	1 6	13 3	1 12	15 32	2 5	7 29	0 47	2 13	1 35	26 55	7 15	23 29	23 29	13 29	2 7	3 27
T 28	23 0	24 26	1 1	20 6	3 25	21 31	1 31	11 16	1 6	13 5	1 13	15 33	2 5	7 29	0 48	2 13	1 34	26 55	7 15	23 29	23 29	13 31	2 7	3 27
W29	22 54	23 5	0s16	20 5	3 27	21 15	1 32	11 26	1 7	13 6	1 13	15 35	2 5	7 30	0 48	2 12	1 34	26 54	7 15	23 29	23 29	13 33	2 8	3 27
T 30	22 47	20 22	1 31	20 6	3 27	20 58	1 33	11 36	1 8	13 8	1 13	15 36	2 5	7 30	0 48	2 12	1 34	26 54	7 15	23 29	23 29	13 35	2 8	3 27
F 31	22s41	16n37	2s39	20s 8	3n25	20s41	1s33	11n46	1n 9	13n10	1n13	15s37	2n 5	7n31	0n48	2s11	1s34	26s54	7s15	23s29	23s30	13s38	2n 8	3n27

Julian Day Number = 2101982.5, Delta T = 21m10s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°23'58, Lahiri = 10°30'58 Julian Calendar 1 Dec. 1042 == Greg. Calendar 7 Dec. 1042

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

JANUARY 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 2 50	16♑21'46	17♌50	0°R41	6♒ 0	28♈ 7	28°R33	19♏21	12°R49	28♓ 8	1♒58	4°R43	4♑15	23♎28	27♓29	S 1
S 2	7 6 46	17°22'50	0♍36	0♑13	7°15	28°33	28♌29	19°25	12♍48	28° 9	1°59	4♑41	4°12	23°34	27°31	S 2
M 3	7 10 43	18°23'53	13° 5	29♐54	8°30	29° 0	28°24	19°30	12°47	28°10	2° 1	4°39	4° 8	23°41	27°32	M 3
T 4	7 14 39	19°24'55	25°18	29°44	9°45	29°27	28°20	19°35	12°45	28°11	2° 3	4°38	4° 5	23°48	27°34	T 4
W 5	7 18 36	20°25'56	7♎20	29°D43	11° 0	29°54	28°15	19°40	12°44	28°12	2° 5	4°36	4° 2	23°54	27°36	W 5
T 6	7 22 33	21°26'57	19°14	29°49	12°15	0♉21	28°10	19°44	12°43	28°14	2° 6	4°D36	3°59	24° 1	27°37	T 6
F 7	7 26 29	22°27'58	1♏ 6	0♑ 2	13°29	0°48	28° 5	19°49	12°42	28°15	2° 8	4°36	3°56	24° 8	27°39	F 7
S 8	7 30 26	23°28'57	13° 0	0°23	14°44	1°16	28° 0	19°53	12°40	28°16	2°10	4°37	3°53	24°15	27°41	S 8
S 9	7 34 22	24°29'56	25° 1	0°49	15°59	1°44	27°54	19°57	12°39	28°17	2°12	4°39	3°49	24°21	27°43	S 9
M10	7 38 19	25°30'55	7♐13	1°21	17°14	2°12	27°49	20° 2	12°37	28°18	2°14	4°40	3°46	24°28	27°45	M10
T 11	7 42 15	26°31'52	19°41	1°58	18°28	2°40	27°43	20° 6	12°36	28°20	2°16	4°42	3°43	24°35	27°47	T 11
W12	7 46 12	27°32'49	2♑26	2°40	19°43	3° 9	27°37	20°10	12°34	28°21	2°17	4°R42	3°40	24°41	27°49	W12
T 13	7 50 9	28°33'44	15°31	3°26	20°58	3°38	27°31	20°14	12°33	28°22	2°19	4°42	3°37	24°48	27°51	T 13
F 14	7 54 5	29°34'38	28°55	4°16	22°12	4° 7	27°25	20°18	12°31	28°24	2°21	4°40	3°33	24°55	27°53	F 14
S 15	7 58 2	0♒35'32	12♒37	5°10	23°27	4°36	27°18	20°22	12°29	28°25	2°23	4°37	3°30	25° 2	27°55	S 15
S 16	8 1 58	1°36'24	26°34	6° 6	24°42	5° 5	27°12	20°25	12°28	28°26	2°25	4°33	3°27	25° 8	27°58	S 16
M17	8 5 55	2°37'14	10♓43	7° 6	25°56	5°35	27° 6	20°29	12°26	28°28	2°26	4°29	3°24	25°15	28° 0	M17
T 18	8 9 51	3°38'03	24°58	8° 8	27°11	6° 4	26°59	20°32	12°24	28°29	2°28	4°25	3°21	25°22	28° 2	T 18
W19	8 13 48	4°38'50	9♈15	9°13	28°25	6°34	26°52	20°36	12°22	28°31	2°30	4°22	3°18	25°28	28° 5	W19
T 20	8 17 44	5°39'36	23°30	10°20	29°40	7° 4	26°45	20°39	12°20	28°32	2°32	4°20	3°14	25°35	28° 7	T 20
F 21	8 21 41	6°40'20	7♉41	11°29	0♓54	7°34	26°38	20°43	12°18	28°34	2°34	4°D19	3°11	25°42	28° 9	F 21
S 22	8 25 37	7°41'03	21°46	12°40	2° 9	8° 5	26°31	20°46	12°16	28°35	2°35	4°20	3° 8	25°49	28°12	S 22
S 23	8 29 34	8°41'43	5♊43	13°53	3°23	8°35	26°24	20°49	12°14	28°37	2°37	4°21	3° 5	25°55	28°14	S 23
M24	8 33 31	9°42'23	19°32	15° 7	4°37	9° 6	26°17	20°52	12°12	28°39	2°39	4°23	3° 2	26° 2	28°17	M24
T 25	8 37 27	10°43'00	3♋11	16°23	5°51	9°37	26°10	20°55	12°10	28°40	2°41	4°R23	2°59	26° 9	28°19	T 25
W26	8 41 24	11°43'36	16°40	17°41	7° 6	10° 7	26° 2	20°58	12° 8	28°42	2°43	4°23	2°55	26°15	28°22	W26
T 27	8 45 20	12°44'10	29°58	19° 0	8°20	10°38	25°55	21° 1	12° 6	28°44	2°45	4°20	2°52	26°22	28°25	T 27
F 28	8 49 17	13°44'42	13♌ 3	20°21	9°34	11°10	25°47	21° 3	12° 4	28°45	2°46	4°16	2°49	26°29	28°27	F 28
S 29	8 53 13	14°45'13	25°55	21°42	10°48	11°41	25°40	21° 6	12° 2	28°47	2°48	4° 9	2°46	26°35	28°30	S 29
S 30	8 57 10	15°45'42	8♍33	23° 5	12° 2	12°12	25°32	21° 8	12° 0	28°49	2°50	4° 2	2°43	26°42	28°33	S 30
M31	9 1 7	16♒46'09	20♍57	24♑30	13♓16	12♉44	25♌24	21♏11	11♍57	28♓51	2♒52	3♑54	2♑39	26♎49	28♓36	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s33	12n 8	3s36	20s12	3n22	20s23	1s33	11n57	1n10	13n11	1n14	15s38	2n 6	7n31	0n48	2s11	1s34	26s53	7s15	23s29	23s30	13s40	2n 9	3n26	S 1
S 2	22 26	7 14	4 22	20 17	3 16	20 4	1 34	12 7	1 10	13 13	1 14	15 40	2 6	7 31	0 48	2 11	1 34	26 53	7 15	23 29	23 30	13 42	2 9	3 26	S 2
M 3	22 18	2 9	4 54	20 24	3 10	19 45	1 34	12 17	1 11	13 15	1 14	15 41	2 6	7 32	0 48	2 10	1 34	26 52	7 15	23 29	23 30	13 44	2 10	3 26	M 3
T 4	22 9	2s53	5 12	20 31	3 2	19 25	1 34	12 27	1 12	13 17	1 14	15 42	2 6	7 32	0 48	2 10	1 34	26 52	7 15	23 29	23 30	13 47	2 10	3 26	T 4
W 5	22 0	7 45	5 16	20 40	2 54	19 5	1 35	12 37	1 12	13 19	1 15	15 43	2 6	7 33	0 48	2 9	1 34	26 52	7 15	23 29	23 30	13 49	2 11	3 25	W 5
T 6	21 51	12 16	5 6	20 49	2 45	18 44	1 35	12 48	1 13	13 21	1 15	15 44	2 6	7 33	0 48	2 9	1 34	26 51	7 15	23 29	23 30	13 51	2 11	3 25	T 6
F 7	21 41	16 20	4 43	20 59	2 35	18 22	1 35	12 58	1 14	13 23	1 15	15 45	2 6	7 34	0 48	2 8	1 34	26 51	7 15	23 29	23 30	13 53	2 12	3 25	F 7
S 8	21 31	19 45	4 8	21 8	2 25	18 0	1 35	13 8	1 14	13 25	1 15	15 46	2 7	7 35	0 48	2 8	1 34	26 50	7 16	23 29	23 30	13 56	2 12	3 25	S 8
S 9	21 20	22 23	3 22	21 19	2 15	17 38	1 35	13 19	1 15	13 27	1 16	15 47	2 7	7 35	0 48	2 7	1 34	26 50	7 16	23 29	23 30	13 58	2 13	3 25	S 9
M10	21 9	24 1	2 26	21 29	2 5	17 15	1 34	13 29	1 16	13 29	1 16	15 48	2 7	7 36	0 48	2 7	1 34	26 50	7 16	23 29	23 31	14 0	2 13	3 24	M10
T 11	20 57	24 31	1 22	21 39	1 54	16 52	1 34	13 39	1 16	13 31	1 16	15 49	2 7	7 36	0 48	2 6	1 34	26 49	7 16	23 29	23 31	14 2	2 14	3 24	T 11
W12	20 46	23 45	0 13	21 49	1 43	16 28	1 34	13 50	1 17	13 33	1 16	15 50	2 7	7 37	0 48	2 6	1 34	26 49	7 16	23 29	23 31	14 4	2 15	3 24	W12
T 13	20 33	21 41	0n59	21 58	1 33	16 3	1 33	14 0	1 17	13 36	1 16	15 51	2 7	7 38	0 48	2 5	1 34	26 48	7 16	23 29	23 31	14 7	2 15	3 24	T 13
F 14	20 21	18 23	2 9	22 7	1 22	15 39	1 33	14 10	1 18	13 38	1 17	15 52	2 7	7 38	0 48	2 4	1 34	26 48	7 16	23 29	23 31	14 9	2 16	3 23	F 14
S 15	20 8	14 1	3 13	22 16	1 12	15 13	1 32	14 21	1 18	13 40	1 17	15 53	2 8	7 39	0 48	2 4	1 34	26 48	7 16	23 29	23 31	14 11	2 17	3 23	S 15
S 16	19 54	8 51	4 7	22 24	1 2	14 48	1 32	14 31	1 19	13 43	1 17	15 54	2 8	7 40	0 48	2 3	1 34	26 47	7 16	23 29	23 31	14 13	2 17	3 23	S 16
M17	19 41	3 10	4 46	22 31	0 51	14 22	1 31	14 42	1 19	13 45	1 17	15 54	2 8	7 40	0 48	2 3	1 34	26 47	7 16	23 29	23 31	14 15	2 18	3 23	M17
T 18	19 26	2n42	5 8	22 37	0 42	13 56	1 30	14 52	1 20	13 48	1 17	15 55	2 8	7 41	0 48	2 2	1 34	26 47	7 16	23 29	23 31	14 18	2 19	3 23	T 18
W19	19 12	8 27	5 12	22 43	0 32	13 29	1 29	15 2	1 20	13 50	1 18	15 56	2 8	7 42	0 48	2 1	1 34	26 46	7 16	23 29	23 31	14 20	2 19	3 22	W19
T 20	18 57	13 44	4 55	22 47	0 22	13 2	1 29	15 13	1 21	13 53	1 18	15 57	2 8	7 43	0 48	2 1	1 34	26 46	7 16	23 30	23 31	14 22	2 20	3 22	T 20
F 21	18 42	18 16	4 21	22 51	0 13	12 34	1 28	15 23	1 21	13 55	1 18	15 57	2 9	7 43	0 48	2 0	1 33	26 46	7 16	23 30	23 31	14 24	2 21	3 22	F 21
S 22	18 27	21 42	3 32	22 54	0 4	12 7	1 27	15 33	1 21	13 58	1 18	15 58	2 9	7 44	0 48	1 59	1 33	26 45	7 16	23 30	23 32	14 26	2 22	3 22	S 22
S 23	18 11	23 50	2 30	22 55	0s 5	11 39	1 25	15 44	1 22	14 0	1 18	15 59	2 9	7 45	0 48	1 59	1 33	26 45	7 16	23 29	23 32	14 28	2 23	3 22	S 23
M24	17 55	24 29	1 20	22 56	0 14	11 10	1 24	15 54	1 22	14 3	1 19	15 59	2 9	7 46	0 48	1 58	1 33	26 44	7 17	23 29	23 32	14 31	2 23	3 22	M24
T 25	17 38	23 38	0 7	22 55	0 22	10 42	1 23	16 4	1 23	14 6	1 19	16 0	2 9	7 47	0 48	1 57	1 33	26 44	7 17	23 29	23 32	14 33	2 24	3 21	T 25
W26	17 22	21 25	1s 6	22 53	0 30	10 13	1 22	16 14	1 23	14 8	1 19	16 1	2 9	7 47	0 48	1 57	1 33	26 44	7 17	23 29	23 32	14 35	2 25	3 21	W26
T 27	17 5	18 4	2 15	22 50	0 38	9 44	1 20	16 25	1 23	14 11	1 19	16 1	2 10	7 48	0 48	1 56	1 33	26 43	7 17	23 30	23 32	14 37	2 26	3 21	T 27
F 28	16 47	13 53	3 14	22 46	0 46	9 14	1 19	16 35	1 24	14 14	1 19	16 2	2 10	7 49	0 49	1 55	1 33	26 43	7 17	23 30	23 32	14 39	2 27	3 21	F 28
S 29	16 30	9 8	4 3	22 41	0 53	8 45	1 17	16 45	1 24	14 16	1 19	16 2	2 10	7 50	0 49	1 55	1 33	26 43	7 17	23 30	23 32	14 41	2 28	3 21	S 29
S 30	16 12	4 6	4 39	22 34	1 0	8 15	1 16	16 55	1 24	14 19	1 19	16 3	2 10	7 51	0 49	1 54	1 33	26 42	7 17	23 30	23 32	14 44	2 29	3 20	S 30
M31	15s53	1s 0	5s 1	22s26	1s 7	7s45	1s14	17n 5	1n25	14n22	1n20	16s 3	2n10	7n52	0n49	1s53	1s33	26s42	7s17	23s30	23s32	14s46	2n30	3n20	M31

Julian Day Number = 2102013.5, Delta T = 21m10s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'02, Lahiri = 10°31'03 Julian Calendar 1 Jan. 1043 == Greg. Calendar 7 Jan. 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

FEBRUARY 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	9 5 3	17♒46'35	3♎ 8	25♑55	14♓30	13♉15	25°R17	21♏13	11°R55	28♓52	2♒53	3°R46	2♑36	26♎56	28♓39	T 1
W 2	9 9 0	18°47'00	15°10	27°22	15°44	13°47	25♌ 9	21°15	11♍53	28°54	2°55	3♑39	2°33	27° 2	28°41	W 2
T 3	9 12 56	19°47'23	27° 4	28°49	16°58	14°19	25° 1	21°17	11°50	28°56	2°57	3°34	2°30	27° 9	28°44	T 3
F 4	9 16 53	20°47'44	8♏55	0♒18	18°12	14°51	24°53	21°19	11°48	28°58	2°59	3°31	2°27	27°16	28°47	F 4
S 5	9 20 49	21°48'05	20°47	1°48	19°26	15°23	24°45	21°21	11°46	29° 0	3° 0	3°D30	2°24	27°22	28°50	S 5
S 6	9 24 46	22°48'23	2♐47	3°19	20°40	15°55	24°38	21°23	11°43	29° 2	3° 2	3°31	2°20	27°29	28°53	S 6
M 7	9 28 42	23°48'41	14°57	4°51	21°53	16°28	24°30	21°25	11°41	29° 4	3° 4	3°32	2°17	27°36	28°56	M 7
T 8	9 32 39	24°48'56	27°25	6°24	23° 7	17° 0	24°22	21°26	11°38	29° 5	3° 6	3°R33	2°14	27°43	28°59	T 8
W 9	9 36 36	25°49'10	10♑14	7°58	24°21	17°33	24°14	21°28	11°36	29° 7	3° 7	3°33	2°11	27°49	29° 2	W 9
T 10	9 40 32	26°49'23	23°27	9°33	25°34	18° 5	24° 6	21°29	11°33	29° 9	3° 9	3°31	2° 8	27°56	29° 5	T 10
F 11	9 44 29	27°49'34	7♒ 5	11° 9	26°48	18°38	23°58	21°31	11°31	29°11	3°11	3°27	2° 5	28° 3	29° 8	F 11
S 12	9 48 25	28°49'43	21° 7	12°47	28° 1	19°11	23°50	21°32	11°28	29°13	3°12	3°20	2° 1	28° 9	29°11	S 12
S 13	9 52 22	29°49'50	5♓30	14°25	29°15	19°44	23°43	21°33	11°26	29°15	3°14	3°12	1°58	28°16	29°15	S 13
M14	9 56 18	0♓49'55	20° 8	16° 4	0♈28	20°17	23°35	21°34	11°23	29°17	3°16	3° 2	1°55	28°23	29°18	M14
T 15	10 0 15	1°49'58	4♈51	17°45	1°42	20°50	23°27	21°35	11°21	29°20	3°17	2°53	1°52	28°30	29°21	T 15
W16	10 4 11	2°49'59	19°34	19°26	2°55	21°23	23°19	21°36	11°18	29°22	3°19	2°45	1°49	28°36	29°24	W16
T 17	10 8 8	3°49'58	4♉ 9	21° 9	4° 8	21°56	23°12	21°36	11°16	29°24	3°21	2°40	1°45	28°43	29°27	T 17
F 18	10 12 4	4°49'54	18°31	22°53	5°21	22°29	23° 4	21°37	11°13	29°26	3°22	2°36	1°42	28°50	29°31	F 18
S 19	10 16 1	5°49'49	2♊37	24°38	6°34	23° 3	22°57	21°38	11°10	29°28	3°24	2°D35	1°39	28°56	29°34	S 19
S 20	10 19 58	6°49'41	16°26	26°24	7°47	23°36	22°49	21°38	11° 8	29°30	3°25	2°35	1°36	29° 3	29°37	S 20
M21	10 23 54	7°49'30	29°59	28°11	9° 0	24°10	22°42	21°38	11° 5	29°32	3°27	2°R36	1°33	29°10	29°41	M21
T 22	10 27 51	8°49'18	13♋19	29°59	10°13	24°43	22°34	21°39	11° 3	29°34	3°28	2°35	1°30	29°17	29°44	T 22
W23	10 31 47	9°49'03	26°26	1♓49	11°26	25°17	22°27	21°39	11° 0	29°36	3°30	2°33	1°26	29°23	29°47	W23
T 24	10 35 44	10°48'46	9♌21	3°40	12°39	25°51	22°20	21°R39	10°57	29°39	3°32	2°28	1°23	29°30	29°51	T 24
F 25	10 39 40	11°48'27	22° 5	5°32	13°52	26°25	22°13	21°39	10°55	29°41	3°33	2°20	1°20	29°37	29°54	F 25
S 26	10 43 37	12°48'05	4♍39	7°25	15° 4	26°58	22° 6	21°38	10°52	29°43	3°35	2° 9	1°17	29°43	29°57	S 26
S 27	10 47 33	13°47'42	17° 3	9°20	16°17	27°32	21°59	21°38	10°50	29°45	3°36	1°57	1°14	29°50	0♈ 1	S 27
M28	10 51 30	14♓47'16	29♍17	11♓15	17♈29	28♉ 6	21♌52	21♏38	10♍47	29♓47	3♒37	1♑43	1♑10	29♎57	0♈ 4	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15s35	5s58	5s 8	22s16	1s13	7s14	1s12	17n15	1n25	14n25	1n20	16s 4	2n10	7n53	0n49	1s52	1s33	26s42	7s17	23s31	23s32	14s48	2n31	3n20	T 1
W 2	15 16	10 38	5 2	22 6	1 19	6 44	1 11	17 25	1 25	14 27	1 20	16 4	2 11	7 53	0 49	1 52	1 33	26 41	7 17	23 31	23 32	14 50	2 32	3 20	W 2
T 3	14 57	14 52	4 43	21 53	1 25	6 13	1 9	17 35	1 25	14 30	1 20	16 4	2 11	7 54	0 49	1 51	1 33	26 41	7 18	23 31	23 32	14 52	2 33	3 20	T 3
F 4	14 38	18 31	4 12	21 40	1 31	5 43	1 7	17 44	1 26	14 33	1 20	16 5	2 11	7 55	0 49	1 50	1 33	26 41	7 18	23 31	23 32	14 54	2 34	3 20	F 4
S 5	14 19	21 25	3 30	21 25	1 36	5 12	1 5	17 54	1 26	14 36	1 20	16 5	2 11	7 56	0 49	1 49	1 33	26 41	7 18	23 31	23 32	14 56	2 35	3 19	S 5
S 6	13 59	23 24	2 38	21 9	1 41	4 41	1 3	18 4	1 26	14 38	1 20	16 5	2 11	7 57	0 49	1 49	1 33	26 40	7 18	23 31	23 33	14 58	2 36	3 19	S 6
M 7	13 39	24 20	1 39	20 51	1 45	4 10	1 1	18 13	1 26	14 41	1 20	16 6	2 12	7 58	0 49	1 48	1 33	26 40	7 18	23 31	23 33	15 0	2 37	3 19	M 7
T 8	13 19	24 5	0 33	20 32	1 49	3 38	0 58	18 23	1 27	14 44	1 20	16 6	2 12	7 59	0 49	1 47	1 33	26 40	7 18	23 31	23 33	15 3	2 38	3 19	T 8
W 9	12 59	22 34	0n36	20 11	1 53	3 7	0 56	18 32	1 27	14 47	1 20	16 6	2 12	8 0	0 49	1 46	1 33	26 39	7 18	23 31	23 33	15 5	2 39	3 19	W 9
T 10	12 38	19 48	1 45	19 49	1 56	2 36	0 54	18 42	1 27	14 49	1 21	16 6	2 12	8 1	0 49	1 45	1 33	26 39	7 18	23 31	23 33	15 7	2 40	3 19	T 10
F 11	12 17	15 52	2 50	19 26	1 59	2 4	0 52	18 51	1 27	14 52	1 21	16 6	2 12	8 2	0 49	1 45	1 33	26 39	7 19	23 31	23 33	15 9	2 41	3 19	F 11
S 12	11 57	10 57	3 46	19 1	2 2	1 32	0 49	19 0	1 27	14 55	1 21	16 6	2 12	8 3	0 49	1 44	1 33	26 39	7 19	23 31	23 33	15 11	2 42	3 18	S 12
S 13	11 35	5 21	4 30	18 34	2 4	1 1	0 47	19 10	1 28	14 57	1 21	16 7	2 13	8 4	0 49	1 43	1 33	26 38	7 19	23 31	23 33	15 13	2 44	3 18	S 13
M14	11 14	0n37	4 57	18 6	2 6	0 29	0 44	19 19	1 28	15 0	1 21	16 7	2 13	8 5	0 49	1 42	1 33	26 38	7 19	23 32	23 33	15 15	2 45	3 18	M14
T 15	10 53	6 35	5 4	17 37	2 7	0n 2	0 42	19 28	1 28	15 3	1 21	16 7	2 13	8 6	0 49	1 41	1 33	26 38	7 19	23 32	23 33	15 17	2 46	3 18	T 15
W16	10 31	12 11	4 52	17 6	2 8	0 34	0 39	19 37	1 28	15 5	1 21	16 7	2 13	8 7	0 49	1 40	1 33	26 38	7 19	23 32	23 33	15 19	2 47	3 18	W16
T 17	10 9	17 2	4 20	16 33	2 9	1 6	0 36	19 46	1 28	15 8	1 21	16 7	2 13	8 8	0 49	1 40	1 33	26 37	7 20	23 32	23 33	15 21	2 48	3 18	T 17
F 18	9 47	20 49	3 32	15 59	2 9	1 37	0 34	19 55	1 28	15 10	1 21	16 7	2 14	8 9	0 49	1 39	1 33	26 37	7 20	23 32	23 33	15 23	2 49	3 18	F 18
S 19	9 25	23 17	2 33	15 24	2 9	2 9	0 31	20 3	1 28	15 13	1 21	16 7	2 14	8 10	0 49	1 38	1 33	26 37	7 20	23 32	23 33	15 25	2 51	3 17	S 19
S 20	9 3	24 17	1 25	14 47	2 8	2 41	0 28	20 12	1 29	15 15	1 21	16 7	2 14	8 11	0 49	1 37	1 33	26 37	7 20	23 32	23 33	15 27	2 52	3 17	S 20
M21	8 41	23 48	0 14	14 9	2 7	3 12	0 25	20 20	1 29	15 18	1 21	16 7	2 14	8 12	0 49	1 36	1 33	26 36	7 20	23 32	23 33	15 29	2 53	3 17	M21
T 22	8 18	21 57	0s57	13 29	2 5	3 43	0 22	20 29	1 29	15 20	1 21	16 6	2 14	8 13	0 49	1 35	1 33	26 36	7 20	23 32	23 33	15 32	2 54	3 17	T 22
W23	7 56	18 58	2 3	12 48	2 3	4 15	0 19	20 37	1 29	15 23	1 21	16 6	2 15	8 14	0 49	1 34	1 33	26 36	7 21	23 32	23 33	15 34	2 55	3 17	W23
T 24	7 33	15 5	3 2	12 5	2 0	4 46	0 17	20 45	1 29	15 25	1 21	16 6	2 15	8 15	0 49	1 33	1 33	26 36	7 21	23 32	23 33	15 36	2 57	3 17	T 24
F 25	7 10	10 35	3 51	11 20	1 57	5 17	0 14	20 54	1 29	15 27	1 21	16 6	2 15	8 16	0 49	1 33	1 33	26 36	7 21	23 33	23 33	15 38	2 58	3 17	F 25
S 26	6 47	5 42	4 27	10 35	1 53	5 48	0 11	21 2	1 29	15 29	1 21	16 6	2 15	8 17	0 49	1 32	1 33	26 36	7 21	23 33	23 33	15 40	2 59	3 17	S 26
S 27	6 24	0 41	4 51	9 48	1 49	6 19	0 7	21 10	1 29	15 32	1 21	16 5	2 15	8 18	0 49	1 31	1 33	26 35	7 21	23 33	23 33	15 42	3 1	3 17	S 27
M28	6s 1	4s18	5s 1	8s59	1s44	6n50	0s 4	21n17	1n29	15n34	1n21	16s 5	2n15	8n19	0n49	1s30	1s33	26s35	7s22	23s33	23s33	15s44	3n 2	3n16	M28

Julian Day Number = 2102044.5, Delta T = 21m10s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'07, Lahiri = 10°31'07 Julian Calendar 1 Feb. 1043 == Greg. Calendar 7 Feb. 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

MARCH 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 55 27	15♓46'48	11♎23	13♓12	18♈42	28♉40	21°R46	21°R37	10°R44	29♓50	3♒39	1°R30	1♑ 7	0♏ 3	0♈ 8	T 1
W 2	10 59 23	16°46'19	23°20	15°10	19°54	29°14	21♌39	21♏37	10♍42	29°52	3°40	1♑19	1° 4	0°10	0°11	W 2
T 3	11 3 20	17°45'47	5♏13	17° 8	21° 7	29°49	21°33	21°36	10°39	29°54	3°42	1° 9	1° 1	0°17	0°15	T 3
F 4	11 7 16	18°45'14	17° 3	19° 8	22°19	0♊23	21°26	21°35	10°37	29°56	3°43	1° 3	0°58	0°24	0°18	F 4
S 5	11 11 13	19°44'39	28°54	21° 9	23°31	0°57	21°20	21°34	10°34	29°58	3°44	0°59	0°55	0°30	0°22	S 5
S 6	11 15 9	20°44'02	10♐51	23°10	24°43	1°31	21°14	21°33	10°32	0♈ 1	3°46	0°57	0°51	0°37	0°25	S 6
M 7	11 19 6	21°43'23	22°59	25°12	25°55	2° 6	21° 8	21°32	10°29	0° 3	3°47	0°D56	0°48	0°44	0°29	M 7
T 8	11 23 2	22°42'42	5♑23	27°14	27° 7	2°40	21° 2	21°31	10°26	0° 5	3°48	0°R57	0°45	0°50	0°32	T 8
W 9	11 26 59	23°42'00	18° 9	29°17	28°19	3°15	20°56	21°30	10°24	0° 7	3°50	0°56	0°42	0°57	0°36	W 9
T 10	11 30 56	24°41'16	1♒21	1♈19	29°31	3°49	20°51	21°28	10°21	0°10	3°51	0°53	0°39	1° 4	0°39	T 10
F 11	11 34 52	25°40'30	15° 2	3°22	0♉42	4°24	20°46	21°27	10°19	0°12	3°52	0°48	0°36	1°10	0°43	F 11
S 12	11 38 49	26°39'42	29°12	5°24	1°54	4°58	20°40	21°25	10°16	0°14	3°53	0°40	0°32	1°17	0°46	S 12
S 13	11 42 45	27°38'52	13♓47	7°25	3° 5	5°33	20°35	21°24	10°14	0°16	3°55	0°29	0°29	1°24	0°50	S 13
M14	11 46 42	28°37'59	28°43	9°25	4°17	6° 8	20°30	21°22	10°12	0°19	3°56	0°18	0°26	1°31	0°53	M14
T 15	11 50 38	29°37'05	13♈49	11°23	5°28	6°43	20°25	21°20	10° 9	0°21	3°57	0° 7	0°23	1°37	0°57	T 15
W16	11 54 35	0♈36'09	28°55	13°19	6°39	7°18	20°21	21°18	10° 7	0°23	3°58	29♗57	0°20	1°44	1° 0	W16
T 17	11 58 31	1°35'11	13♉52	15°13	7°51	7°52	20°16	21°16	10° 4	0°26	3°59	29°49	0°16	1°51	1° 4	T 17
F 18	12 2 28	2°34'10	28°32	17° 5	9° 2	8°27	20°12	21°14	10° 2	0°28	4° 0	29°44	0°13	1°57	1° 7	F 18
S 19	12 6 24	3°33'07	12♊50	18°53	10°13	9° 2	20° 8	21°12	10° 0	0°30	4° 1	29°42	0°10	2° 4	1°11	S 19
S 20	12 10 21	4°32'02	26°44	20°38	11°24	9°37	20° 4	21° 9	9°57	0°32	4° 3	29°41	0° 7	2°11	1°14	S 20
M21	12 14 18	5°30'54	10♋17	22°19	12°34	10°12	20° 0	21° 7	9°55	0°35	4° 4	29°41	0° 4	2°18	1°18	M21
T 22	12 18 14	6°29'44	23°29	23°56	13°45	10°47	19°57	21° 5	9°53	0°37	4° 5	29°40	0° 1	2°24	1°21	T 22
W23	12 22 11	7°28'31	6♌23	25°29	14°56	11°22	19°53	21° 2	9°51	0°39	4° 6	29°38	29♗57	2°31	1°25	W23
T 24	12 26 7	8°27'17	19° 4	26°57	16° 6	11°58	19°50	20°59	9°48	0°41	4° 7	29°32	29°54	2°38	1°28	T 24
F 25	12 30 4	9°25'59	1♍32	28°21	17°17	12°33	19°47	20°57	9°46	0°44	4° 7	29°24	29°51	2°44	1°32	F 25
S 26	12 34 0	10°24'40	13°51	29°40	18°27	13° 8	19°44	20°54	9°44	0°46	4° 8	29°14	29°48	2°51	1°35	S 26
S 27	12 37 57	11°23'19	26° 2	0♉53	19°37	13°43	19°41	20°51	9°42	0°48	4° 9	29° 1	29°45	2°58	1°39	S 27
M28	12 41 53	12°21'55	8♎ 5	2° 1	20°47	14°19	19°39	20°48	9°40	0°50	4°10	28°47	29°41	3° 4	1°42	M28
T 29	12 45 50	13°20'30	20° 3	3° 4	21°57	14°54	19°36	20°45	9°38	0°53	4°11	28°34	29°38	3°11	1°46	T 29
W30	12 49 47	14°19'03	1♏57	4° 1	23° 7	15°29	19°34	20°42	9°36	0°55	4°12	28°22	29°35	3°18	1°49	W30
T 31	12 53 43	15♈17'33	13♏47	4♉52	24♉17	16♊ 5	19♌32	20♏39	9♍34	0♈57	4♒13	28♗12	29♗32	3♏25	1♈53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s38	9s 4	4s56	8s 9	1s39	7n21	0s 1	21n25	1n29	15n36	1n21	16s 5	2n16	8n20	0n49	1s29	1s33	26s35	7s22	23s33	23s34	15s46	3n 3	3n16
W 2	5 15	13 26	4 39	7 18	1 33	7 51	0n 2	21 33	1 29	15 38	1 21	16 5	2 16	8 21	0 49	1 28	1 33	26 35	7 22	23 33	23 34	15 48	3 4	3 16
T 3	4 52	17 15	4 10	6 26	1 26	8 21	0 5	21 40	1 29	15 40	1 21	16 4	2 16	8 22	0 49	1 27	1 33	26 35	7 22	23 34	23 34	15 50	3 6	3 16
F 4	4 28	20 22	3 30	5 32	1 19	8 51	0 8	21 48	1 30	15 42	1 21	16 4	2 16	8 23	0 49	1 26	1 33	26 35	7 22	23 34	23 34	15 52	3 7	3 16
S 5	4 5	22 38	2 41	4 38	1 12	9 21	0 12	21 55	1 30	15 44	1 21	16 3	2 16	8 24	0 49	1 25	1 33	26 34	7 23	23 34	23 34	15 54	3 8	3 16
S 6	3 41	23 54	1 44	3 42	1 4	9 51	0 15	22 2	1 30	15 46	1 21	16 3	2 16	8 25	0 49	1 25	1 33	26 34	7 23	23 34	23 34	15 56	3 10	3 16
M 7	3 18	24 5	0 42	2 46	0 55	10 21	0 18	22 9	1 30	15 48	1 21	16 3	2 17	8 26	0 49	1 24	1 33	26 34	7 23	23 34	23 34	15 58	3 11	3 16
T 8	2 54	23 4	0n24	1 48	0 46	10 50	0 21	22 16	1 30	15 50	1 20	16 2	2 17	8 27	0 49	1 23	1 33	26 34	7 23	23 34	23 34	16 0	3 12	3 16
W 9	2 31	20 51	1 30	0 51	0 36	11 19	0 25	22 23	1 30	15 51	1 20	16 2	2 17	8 28	0 49	1 22	1 33	26 34	7 23	23 34	23 34	16 2	3 14	3 16
T 10	2 7	17 28	2 33	0n 8	0 26	11 48	0 28	22 30	1 30	15 53	1 20	16 1	2 17	8 28	0 49	1 21	1 33	26 34	7 24	23 34	23 34	16 4	3 15	3 16
F 11	1 44	13 3	3 30	1 6	0 16	12 16	0 31	22 36	1 30	15 55	1 20	16 1	2 17	8 29	0 49	1 20	1 33	26 34	7 24	23 34	23 34	16 5	3 16	3 16
S 12	1 20	7 48	4 17	2 5	0 5	12 44	0 35	22 43	1 30	15 56	1 20	16 0	2 17	8 30	0 49	1 19	1 33	26 34	7 24	23 34	23 34	16 7	3 18	3 16
S 13	0 56	1 59	4 48	3 3	0n 6	13 12	0 38	22 49	1 30	15 58	1 20	15 59	2 18	8 31	0 49	1 18	1 33	26 34	7 24	23 34	23 34	16 9	3 19	3 15
M14	0 33	4n 4	5 0	4 1	0 18	13 40	0 41	22 55	1 30	16 0	1 20	15 59	2 18	8 32	0 49	1 17	1 33	26 34	7 25	23 34	23 34	16 11	3 20	3 15
T 15	0 9	9 57	4 52	4 58	0 29	14 7	0 45	23 1	1 30	16 1	1 20	15 58	2 18	8 33	0 49	1 16	1 33	26 33	7 25	23 34	23 34	16 13	3 22	3 15
W16	0n14	15 14	4 23	5 55	0 41	14 34	0 48	23 7	1 30	16 2	1 20	15 58	2 18	8 34	0 49	1 16	1 33	26 33	7 25	23 34	23 34	16 15	3 23	3 15
T 17	0 38	19 31	3 37	6 50	0 53	15 0	0 51	23 13	1 30	16 4	1 20	15 57	2 18	8 35	0 49	1 15	1 33	26 33	7 25	23 34	23 34	16 17	3 24	3 15
F 18	1 2	22 29	2 37	7 44	1 4	15 27	0 55	23 18	1 30	16 5	1 20	15 56	2 18	8 36	0 49	1 14	1 33	26 33	7 25	23 34	23 34	16 19	3 26	3 15
S 19	1 25	23 54	1 28	8 36	1 16	15 52	0 58	23 24	1 30	16 6	1 19	15 55	2 18	8 37	0 49	1 13	1 33	26 33	7 26	23 34	23 34	16 21	3 27	3 15
S 20	1 49	23 47	0 16	9 27	1 27	16 18	1 1	23 29	1 30	16 7	1 19	15 55	2 19	8 37	0 49	1 12	1 33	26 33	7 26	23 34	23 34	16 23	3 28	3 15
M21	2 12	22 14	0s56	10 15	1 38	16 43	1 5	23 34	1 30	16 8	1 19	15 54	2 19	8 38	0 49	1 11	1 33	26 33	7 26	23 34	23 34	16 25	3 30	3 15
T 22	2 36	19 30	2 2	11 1	1 49	17 8	1 8	23 39	1 30	16 9	1 19	15 53	2 19	8 39	0 49	1 10	1 33	26 33	7 26	23 34	23 34	16 27	3 31	3 15
W23	2 59	15 51	3 1	11 45	1 59	17 32	1 11	23 44	1 30	16 10	1 19	15 52	2 19	8 40	0 49	1 9	1 33	26 33	7 27	23 34	23 34	16 29	3 33	3 15
T 24	3 22	11 33	3 49	12 26	2 8	17 56	1 15	23 49	1 30	16 11	1 19	15 52	2 19	8 41	0 49	1 8	1 33	26 33	7 27	23 34	23 34	16 31	3 34	3 15
F 25	3 45	6 50	4 26	13 5	2 17	18 19	1 18	23 54	1 29	16 12	1 19	15 51	2 19	8 42	0 49	1 7	1 33	26 33	7 27	23 34	23 34	16 32	3 35	3 15
S 26	4 9	1 56	4 50	13 41	2 25	18 42	1 21	23 58	1 29	16 13	1 19	15 50	2 19	8 42	0 48	1 7	1 33	26 33	7 27	23 34	23 34	16 34	3 37	3 15
S 27	4 32	3s 0	5 0	14 14	2 33	19 5	1 24	24 3	1 29	16 14	1 18	15 49	2 19	8 43	0 48	1 6	1 33	26 33	7 28	23 34	23 34	16 36	3 38	3 15
M28	4 55	7 45	4 56	14 44	2 40	19 27	1 27	24 7	1 29	16 14	1 18	15 48	2 20	8 44	0 48	1 5	1 33	26 33	7 28	23 33	23 34	16 38	3 39	3 15
T 29	5 18	12 11	4 40	15 11	2 45	19 48	1 31	24 11	1 29	16 15	1 18	15 47	2 20	8 45	0 48	1 4	1 33	26 33	7 28	23 33	23 34	16 40	3 41	3 15
W30	5 40	16 8	4 11	15 35	2 50	20 9	1 34	24 15	1 29	16 16	1 18	15 46	2 20	8 45	0 48	1 3	1 33	26 33	7 28	23 33	23 34	16 42	3 42	3 15
T 31	6n 3	19s25	3s32	15n56	2n54	20n30	1n37	24n18	1n29	16n16	1n18	15s46	2n20	8n46	0n48	1s 2	1s33	26s33	7s29	23s33	23s34	16s44	3n44	3n15

Julian Day Number = 2102072.5, Delta T = 21m09s
Ecliptic obliquity = 23°33'49, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'10, Lahiri = 10°31'11 Julian Calendar 1 March 1043 == Greg. Calendar 7 March 1043

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1043
geocentric

APRIL 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 57 40	16♈16'02	25♏37	5♉38	25♉26	16♊40	19°R30	20°R36	9°R32	0♈59	4♒13	28°R 5	29♐29	3♏31	1♈56	F 1
S 2	13 1 36	17°14'30	7♐29	6°18	26°36	17°15	19♌28	20♏33	9♍30	1° 1	4°14	28♐ 1	29°26	3°38	2° 0	S 2
S 3	13 5 33	18°12'55	19°27	6°52	27°45	17°51	19°27	20°29	9°28	1° 4	4°15	27°59	29°22	3°45	2° 3	S 3
M 4	13 9 29	19°11'19	1♑35	7°21	28°54	18°26	19°26	20°26	9°26	1° 6	4°16	27°D58	29°19	3°51	2° 6	M 4
T 5	13 13 26	20° 9'41	13°57	7°43	0♊ 4	19° 2	19°25	20°22	9°25	1° 8	4°16	27°R59	29°16	3°58	2°10	T 5
W 6	13 17 22	21° 8'02	26°40	8° 0	1°13	19°37	19°24	20°19	9°23	1°10	4°17	27°59	29°13	4° 5	2°13	W 6
T 7	13 21 19	22° 6'21	9♒47	8°11	2°21	20°13	19°23	20°15	9°21	1°12	4°18	27°57	29°10	4°11	2°17	T 7
F 8	13 25 16	23° 4'39	23°23	8°R16	3°30	20°49	19°22	20°11	9°20	1°14	4°18	27°54	29° 7	4°18	2°20	F 8
S 9	13 29 12	24° 2'54	7♓28	8°16	4°39	21°24	19°22	20° 8	9°18	1°17	4°19	27°48	29° 3	4°25	2°23	S 9
S 10	13 33 9	25° 1'09	22° 1	8°11	5°47	22° 0	19°D22	20° 4	9°16	1°19	4°19	27°40	29° 0	4°31	2°27	S 10
M11	13 37 5	25°59'21	6♈58	8° 0	6°55	22°35	19°22	20° 0	9°15	1°21	4°20	27°31	28°57	4°38	2°30	M11
T 12	13 41 2	26°57'32	22°11	7°44	8° 4	23°11	19°22	19°56	9°13	1°23	4°20	27°22	28°54	4°45	2°33	T 12
W13	13 44 58	27°55'42	7♉28	7°25	9°12	23°47	19°23	19°52	9°12	1°25	4°21	27°14	28°51	4°52	2°36	W13
T 14	13 48 55	28°53'49	22°39	7° 1	10°20	24°23	19°23	19°48	9°10	1°27	4°21	27° 8	28°47	4°58	2°40	T 14
F 15	13 52 51	29°51'55	7♊34	6°33	11°27	24°59	19°24	19°44	9° 9	1°29	4°22	27° 4	28°44	5° 5	2°43	F 15
S 16	13 56 48	0♉49'59	22° 7	6° 3	12°35	25°34	19°25	19°40	9° 8	1°31	4°22	27°D 2	28°41	5°12	2°46	S 16
S 17	14 0 45	1°48'01	6♋13	5°30	13°42	26°10	19°26	19°36	9° 7	1°33	4°22	27° 3	28°38	5°18	2°49	S 17
M18	14 4 41	2°46'01	19°53	4°55	14°50	26°46	19°27	19°32	9° 5	1°35	4°23	27° 4	28°35	5°25	2°53	M18
T 19	14 8 38	3°43'59	3♌ 8	4°19	15°57	27°22	19°29	19°28	9° 4	1°37	4°23	27°R 4	28°32	5°32	2°56	T 19
W20	14 12 34	4°41'55	16° 1	3°42	17° 4	27°58	19°30	19°24	9° 3	1°39	4°23	27° 3	28°28	5°38	2°59	W20
T 21	14 16 31	5°39'49	28°36	3° 5	18°10	28°34	19°32	19°19	9° 2	1°41	4°23	27° 1	28°25	5°45	3° 2	T 21
F 22	14 20 27	6°37'42	10♍57	2°29	19°17	29°10	19°34	19°15	9° 1	1°43	4°24	26°56	28°22	5°52	3° 5	F 22
S 23	14 24 24	7°35'32	23° 7	1°55	20°23	29°46	19°36	19°11	9° 0	1°45	4°24	26°49	28°19	5°59	3° 8	S 23
S 24	14 28 20	8°33'21	5♎ 8	1°22	21°29	0♋22	19°39	19° 7	8°59	1°47	4°24	26°41	28°16	6° 5	3°11	S 24
M25	14 32 17	9°31'08	17° 4	0°52	22°35	0°58	19°41	19° 2	8°58	1°49	4°24	26°32	28°13	6°12	3°14	M25
T 26	14 36 14	10°28'54	28°57	0°24	23°41	1°34	19°44	18°58	8°57	1°51	4°24	26°24	28° 9	6°19	3°17	T 26
W27	14 40 10	11°26'38	10♏48	0° 0	24°47	2°10	19°47	18°53	8°56	1°53	4°24	26°16	28° 6	6°25	3°20	W27
T 28	14 44 7	12°24'21	22°39	29♈40	25°52	2°46	19°50	18°49	8°56	1°54	4°24	26°10	28° 3	6°32	3°23	T 28
F 29	14 48 3	13°22'02	4♐31	29°23	26°57	3°22	19°53	18°45	8°55	1°56	4°25	26° 5	28° 0	6°39	3°26	F 29
S 30	14 52 0	14♉19'43	16♐28	29♈11	28♊ 2	3♋58	19♌57	18♏40	8♍54	1♈58	4°R25	26♐ 3	27♐57	6♏45	3♈29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n26	21s54	2s43	16n14	2n56	20n50	1n40	24n22	1n29	16n17	1n18	15s45	2n20	8n47	0n48	1s 1	1s33	26s33	7s29	23s33	23s34	16s46	3n45	3n15
S 2	6 48	23 25	1 47	16 29	2 58	21 10	1 43	24 25	1 29	16 17	1 18	15 44	2 20	8 48	0 48	1 0	1 33	26 33	7 29	23 33	23 34	16 47	3 46	3 15
S 3	7 11	23 54	0 45	16 41	2 59	21 29	1 46	24 29	1 29	16 17	1 17	15 43	2 20	8 48	0 48	1 0	1 33	26 34	7 29	23 33	23 34	16 49	3 48	3 15
M 4	7 33	23 14	0n19	16 50	2 58	21 47	1 49	24 32	1 29	16 18	1 17	15 42	2 20	8 49	0 48	0 59	1 33	26 34	7 30	23 33	23 34	16 51	3 49	3 15
T 5	7 55	21 26	1 24	16 56	2 56	22 5	1 52	24 35	1 29	16 18	1 17	15 41	2 20	8 50	0 48	0 58	1 33	26 34	7 30	23 33	23 34	16 53	3 50	3 15
W 6	8 17	18 32	2 27	16 58	2 53	22 22	1 54	24 38	1 29	16 18	1 17	15 40	2 20	8 50	0 48	0 57	1 33	26 34	7 30	23 33	23 34	16 55	3 52	3 15
T 7	8 39	14 37	3 23	16 58	2 48	22 39	1 57	24 40	1 29	16 18	1 17	15 39	2 21	8 51	0 48	0 56	1 33	26 34	7 30	23 33	23 34	16 57	3 53	3 15
F 8	9 1	9 51	4 11	16 54	2 43	22 56	2 0	24 43	1 28	16 18	1 17	15 38	2 21	8 51	0 48	0 55	1 33	26 34	7 31	23 33	23 34	16 58	3 54	3 15
S 9	9 23	4 24	4 45	16 47	2 36	23 11	2 3	24 45	1 28	16 18	1 16	15 36	2 21	8 52	0 48	0 55	1 33	26 34	7 31	23 33	23 34	17 0	3 56	3 15
S 10	9 44	1n27	5 2	16 37	2 27	23 26	2 5	24 47	1 28	16 18	1 16	15 35	2 21	8 53	0 48	0 54	1 33	26 34	7 31	23 33	23 34	17 2	3 57	3 15
M11	10 5	7 22	5 0	16 25	2 18	23 41	2 8	24 49	1 28	16 18	1 16	15 34	2 21	8 53	0 48	0 53	1 33	26 34	7 32	23 32	23 34	17 4	3 58	3 15
T 12	10 27	12 57	4 36	16 10	2 7	23 55	2 10	24 51	1 28	16 17	1 16	15 33	2 21	8 54	0 48	0 52	1 33	26 35	7 32	23 32	23 34	17 6	4 0	3 15
W13	10 47	17 44	3 53	15 52	1 55	24 8	2 13	24 53	1 28	16 17	1 16	15 32	2 21	8 54	0 48	0 51	1 33	26 35	7 32	23 32	23 33	17 8	4 1	3 15
T 14	11 8	21 19	2 53	15 31	1 42	24 20	2 15	24 54	1 28	16 17	1 16	15 31	2 21	8 55	0 48	0 51	1 33	26 35	7 32	23 32	23 33	17 9	4 2	3 15
F 15	11 29	23 22	1 42	15 9	1 28	24 32	2 17	24 56	1 28	16 16	1 16	15 30	2 21	8 55	0 48	0 50	1 33	26 35	7 33	23 32	23 33	17 11	4 4	3 15
S 16	11 49	23 46	0 26	14 45	1 13	24 44	2 20	24 57	1 28	16 16	1 15	15 29	2 21	8 56	0 48	0 49	1 33	26 35	7 33	23 32	23 33	17 13	4 5	3 15
S 17	12 10	22 36	0s49	14 19	0 57	24 55	2 22	24 58	1 27	16 16	1 15	15 28	2 21	8 56	0 48	0 48	1 33	26 35	7 33	23 32	23 33	17 15	4 6	3 15
M18	12 30	20 7	1 59	13 52	0 40	25 5	2 24	24 59	1 27	16 15	1 15	15 27	2 21	8 56	0 48	0 47	1 33	26 35	7 33	23 32	23 33	17 17	4 8	3 15
T 19	12 50	16 37	3 1	13 24	0 24	25 14	2 26	24 59	1 27	16 14	1 15	15 25	2 21	8 57	0 48	0 47	1 33	26 36	7 34	23 32	23 33	17 18	4 9	3 15
W20	13 9	12 25	3 52	12 55	0 6	25 23	2 28	25 0	1 27	16 14	1 15	15 24	2 21	8 57	0 48	0 46	1 33	26 36	7 34	23 32	23 33	17 20	4 10	3 15
T 21	13 29	7 48	4 30	12 26	0s11	25 31	2 30	25 0	1 27	16 13	1 15	15 23	2 21	8 58	0 48	0 45	1 33	26 36	7 34	23 32	23 33	17 22	4 11	3 15
F 22	13 48	2 57	4 55	11 58	0 28	25 39	2 31	25 0	1 27	16 12	1 14	15 22	2 21	8 58	0 48	0 44	1 33	26 36	7 35	23 32	23 33	17 24	4 13	3 15
S 23	14 7	1s56	5 6	11 29	0 45	25 45	2 33	25 0	1 27	16 11	1 14	15 21	2 21	8 58	0 48	0 44	1 33	26 36	7 35	23 31	23 33	17 25	4 14	3 15
S 24	14 26	6 41	5 4	11 2	1 2	25 52	2 35	25 0	1 26	16 10	1 14	15 20	2 21	8 59	0 48	0 43	1 33	26 37	7 35	23 31	23 33	17 27	4 15	3 15
M25	14 44	11 10	4 48	10 37	1 18	25 57	2 36	25 0	1 26	16 9	1 14	15 18	2 21	8 59	0 48	0 42	1 33	26 37	7 35	23 31	23 33	17 29	4 16	3 15
T 26	15 3	15 11	4 19	10 12	1 34	26 2	2 37	24 59	1 26	16 8	1 14	15 17	2 21	8 59	0 47	0 41	1 33	26 37	7 36	23 31	23 33	17 31	4 18	3 15
W27	15 21	18 37	3 40	9 50	1 49	26 6	2 39	24 59	1 26	16 7	1 14	15 16	2 21	8 59	0 47	0 41	1 34	26 37	7 36	23 31	23 33	17 32	4 19	3 15
T 28	15 38	21 17	2 51	9 29	2 3	26 10	2 40	24 58	1 26	16 6	1 13	15 15	2 21	9 0	0 47	0 40	1 34	26 38	7 36	23 30	23 33	17 34	4 20	3 15
F 29	15 56	23 1	1 54	9 11	2 17	26 13	2 41	24 57	1 26	16 5	1 13	15 14	2 21	9 0	0 47	0 39	1 34	26 38	7 36	23 30	23 33	17 36	4 21	3 15
S 30	16n13	23s44	0s52	8n55	2s29	26n15	2n42	24n56	1n26	16n 4	1n13	15s12	2n21	9n 0	0n47	0s39	1s34	26s38	7s37	23s30	23s33	17s38	4n23	3n15

Julian Day Number = 2102103.5, Delta T = 21m09s
Ecliptic obliquity = 23°33'48, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'15, Lahiri = 10°31'15 Julian Calendar 1 Apr. 1043 == Greg. Calendar 7 Apr. 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

MAY 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 55 56	15♉17'22	28♐31	29°R 3	29♊ 7	4♋34	20♌ 0	18°R36	8°R54	2♈ 0	4°R25	26°D 3	27♐53	6♏52	3♈31	S 1
M 2	14 59 53	16°14'59	10♑45	28°D59	0♋11	5°11	20° 4	18♏31	8♍53	2° 2	4♒25	26♐ 3	27°50	6°59	3°34	M 2
T 3	15 3 49	17°12'36	23°12	29♈ 0	1°15	5°47	20° 8	18°27	8°53	2° 3	4°24	26° 5	27°47	7° 5	3°37	T 3
W 4	15 7 46	18°10'12	5♒56	29° 5	2°19	6°23	20°12	18°22	8°52	2° 5	4°24	26° 6	27°44	7°12	3°40	W 4
T 5	15 11 43	19° 7'47	19° 2	29°15	3°23	6°59	20°16	18°18	8°52	2° 7	4°24	26°R 7	27°41	7°19	3°42	T 5
F 6	15 15 39	20° 5'21	2♓31	29°30	4°27	7°35	20°20	18°14	8°52	2° 8	4°24	26° 6	27°38	7°26	3°45	F 6
S 7	15 19 36	21° 2'53	16°28	29°49	5°30	8°12	20°25	18° 9	8°51	2°10	4°24	26° 4	27°34	7°32	3°48	S 7
S 8	15 23 32	22° 0'25	0♈50	0♉12	6°33	8°48	20°30	18° 5	8°51	2°12	4°24	26° 1	27°31	7°39	3°50	S 8
M 9	15 27 29	22°57'56	15°35	0°40	7°36	9°24	20°34	18° 0	8°51	2°13	4°24	25°56	27°28	7°46	3°53	M 9
T 10	15 31 25	23°55'27	0♉38	1°11	8°38	10° 1	20°39	17°56	8°51	2°15	4°23	25°52	27°25	7°52	3°55	T 10
W11	15 35 22	24°52'56	15°49	1°47	9°40	10°37	20°45	17°51	8°51	2°16	4°23	25°48	27°22	7°59	3°58	W11
T 12	15 39 18	25°50'24	0♊58	2°27	10°42	11°13	20°50	17°47	8°D51	2°18	4°23	25°45	27°18	8° 6	4° 0	T 12
F 13	15 43 15	26°47'52	15°57	3°11	11°43	11°50	20°55	17°43	8°51	2°19	4°22	25°43	27°15	8°12	4° 3	F 13
S 14	15 47 12	27°45'18	0♋37	3°58	12°45	12°26	21° 1	17°38	8°51	2°21	4°22	25°D43	27°12	8°19	4° 5	S 14
S 15	15 51 8	28°42'43	14°52	4°49	13°45	13° 3	21° 7	17°34	8°51	2°22	4°22	25°44	27° 9	8°26	4° 7	S 15
M16	15 55 5	29°40'07	28°41	5°44	14°46	13°39	21°13	17°30	8°51	2°24	4°21	25°45	27° 6	8°32	4°10	M16
T 17	15 59 1	0♊37'30	12♌ 3	6°42	15°46	14°16	21°19	17°25	8°52	2°25	4°21	25°46	27° 3	8°39	4°12	T 17
W18	16 2 58	1°34'51	25° 1	7°44	16°46	14°52	21°25	17°21	8°52	2°27	4°20	25°47	26°59	8°46	4°14	W18
T 19	16 6 54	2°32'12	7♍38	8°49	17°45	15°29	21°31	17°17	8°52	2°28	4°20	25°R47	26°56	8°53	4°16	T 19
F 20	16 10 51	3°29'31	19°57	9°57	18°44	16° 5	21°38	17°13	8°53	2°29	4°19	25°46	26°53	8°59	4°19	F 20
S 21	16 14 47	4°26'49	2♎ 4	11° 8	19°43	16°42	21°44	17° 8	8°53	2°30	4°19	25°45	26°50	9° 6	4°21	S 21
S 22	16 18 44	5°24'06	14° 2	12°23	20°41	17°18	21°51	17° 4	8°54	2°32	4°18	25°42	26°47	9°13	4°23	S 22
M23	16 22 41	6°21'23	25°54	13°41	21°39	17°55	21°58	17° 0	8°54	2°33	4°18	25°39	26°44	9°19	4°25	M23
T 24	16 26 37	7°18'38	7♏45	15° 1	22°36	18°32	22° 5	16°56	8°55	2°34	4°17	25°36	26°40	9°26	4°27	T 24
W25	16 30 34	8°15'53	19°36	16°25	23°33	19° 8	22°12	16°52	8°56	2°35	4°17	25°33	26°37	9°33	4°29	W25
T 26	16 34 30	9°13'07	1♐30	17°52	24°30	19°45	22°19	16°48	8°56	2°37	4°16	25°31	26°34	9°39	4°31	T 26
F 27	16 38 27	10°10'21	13°29	19°22	25°26	20°22	22°27	16°44	8°57	2°38	4°15	25°30	26°31	9°46	4°32	F 27
S 28	16 42 23	11° 7'34	25°35	20°55	26°21	20°58	22°34	16°40	8°58	2°39	4°15	25°D30	26°28	9°53	4°34	S 28
S 29	16 46 20	12° 4'46	7♑50	22°31	27°16	21°35	22°42	16°37	8°59	2°40	4°14	25°30	26°24	9°59	4°36	S 29
M30	16 50 16	13° 1'58	20°16	24°10	28°11	22°12	22°49	16°33	9° 0	2°41	4°13	25°31	26°21	10° 6	4°38	M30
T 31	16 54 13	13♊59'10	2♒55	25♉51	29♋ 4	22♋48	22♌57	16♏29	9♍ 1	2♈42	4♒12	25♐32	26♐18	10♏13	4♈39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n30	23s20	0n13	8n42	2s40	26n16	2n43	24n54	1n25	16n 3	1n13	15s11	2n21	9n 0	0n47	0s38	1s34	26s38	7s37	23s30	23s33	17s39	4n24	3n16
M 2	16 47	21 49	1 19	8 31	2 51	26 17	2 43	24 53	1 25	16 1	1 13	15 10	2 21	9 0	0 47	0 37	1 34	26 39	7 37	23 30	23 33	17 41	4 25	3 16
T 3	17 4	19 13	2 22	8 22	3 0	26 18	2 44	24 51	1 25	16 0	1 13	15 9	2 21	9 1	0 47	0 37	1 34	26 39	7 38	23 30	23 33	17 43	4 26	3 16
W 4	17 20	15 39	3 20	8 17	3 8	26 17	2 45	24 49	1 25	15 58	1 12	15 8	2 21	9 1	0 47	0 36	1 34	26 39	7 38	23 30	23 33	17 44	4 27	3 16
T 5	17 36	11 15	4 9	8 13	3 15	26 16	2 45	24 47	1 25	15 57	1 12	15 6	2 21	9 1	0 47	0 35	1 34	26 40	7 38	23 30	23 33	17 46	4 28	3 16
F 6	17 51	6 11	4 46	8 13	3 21	26 14	2 45	24 45	1 25	15 55	1 12	15 5	2 21	9 1	0 47	0 35	1 34	26 40	7 38	23 30	23 33	17 48	4 29	3 16
S 7	18 7	0 39	5 8	8 15	3 26	26 12	2 45	24 43	1 24	15 54	1 12	15 4	2 21	9 1	0 47	0 34	1 34	26 40	7 39	23 30	23 32	17 49	4 31	3 16
S 8	18 22	5n 5	5 11	8 19	3 31	26 9	2 45	24 40	1 24	15 52	1 12	15 3	2 21	9 1	0 47	0 34	1 34	26 40	7 39	23 30	23 32	17 51	4 32	3 16
M 9	18 37	10 41	4 54	8 25	3 34	26 6	2 45	24 37	1 24	15 50	1 12	15 2	2 21	9 1	0 47	0 33	1 34	26 41	7 39	23 30	23 32	17 53	4 33	3 16
T 10	18 51	15 45	4 17	8 34	3 36	26 2	2 45	24 35	1 24	15 49	1 12	15 1	2 21	9 1	0 47	0 32	1 34	26 41	7 39	23 30	23 32	17 54	4 34	3 16
W11	19 5	19 52	3 21	8 45	3 37	25 57	2 45	24 32	1 24	15 47	1 11	14 59	2 21	9 1	0 47	0 32	1 34	26 41	7 40	23 30	23 32	17 56	4 35	3 16
T 12	19 19	22 36	2 11	8 59	3 38	25 51	2 44	24 28	1 23	15 45	1 11	14 58	2 21	9 1	0 47	0 31	1 34	26 42	7 40	23 30	23 32	17 58	4 36	3 16
F 13	19 33	23 42	0 53	9 14	3 37	25 45	2 44	24 25	1 23	15 43	1 11	14 57	2 20	9 1	0 47	0 31	1 34	26 42	7 40	23 30	23 32	17 59	4 37	3 16
S 14	19 46	23 7	0s27	9 31	3 36	25 39	2 43	24 21	1 23	15 41	1 11	14 56	2 20	9 1	0 47	0 30	1 34	26 42	7 40	23 30	23 32	18 1	4 38	3 16
S 15	19 59	21 1	1 43	9 50	3 34	25 32	2 42	24 18	1 23	15 39	1 11	14 55	2 20	9 1	0 47	0 30	1 34	26 43	7 41	23 30	23 32	18 3	4 39	3 17
M16	20 11	17 44	2 51	10 11	3 31	25 24	2 41	24 14	1 23	15 37	1 11	14 54	2 20	9 1	0 47	0 29	1 34	26 43	7 41	23 30	23 32	18 4	4 40	3 17
T 17	20 23	13 37	3 48	10 33	3 27	25 16	2 40	24 10	1 22	15 35	1 10	14 53	2 20	9 0	0 47	0 29	1 34	26 43	7 41	23 30	23 32	18 6	4 41	3 17
W18	20 35	9 0	4 31	10 57	3 23	25 7	2 38	24 5	1 22	15 33	1 10	14 52	2 20	9 0	0 47	0 28	1 34	26 44	7 42	23 30	23 32	18 8	4 42	3 17
T 19	20 47	4 8	4 59	11 23	3 18	24 58	2 37	24 1	1 22	15 31	1 10	14 51	2 20	9 0	0 47	0 28	1 34	26 44	7 42	23 30	23 32	18 9	4 43	3 17
F 20	20 58	0s48	5 13	11 50	3 12	24 48	2 35	23 57	1 22	15 28	1 10	14 50	2 20	9 0	0 46	0 27	1 35	26 45	7 42	23 30	23 32	18 11	4 44	3 17
S 21	21 8	5 36	5 13	12 18	3 6	24 38	2 33	23 52	1 22	15 26	1 10	14 48	2 20	9 0	0 46	0 27	1 35	26 45	7 42	23 30	23 31	18 13	4 45	3 17
S 22	21 19	10 9	4 59	12 47	2 59	24 27	2 31	23 47	1 21	15 24	1 10	14 47	2 19	8 59	0 46	0 26	1 35	26 45	7 43	23 30	23 31	18 14	4 46	3 17
M23	21 29	14 17	4 32	13 17	2 52	24 16	2 29	23 42	1 21	15 21	1 10	14 46	2 19	8 59	0 46	0 26	1 35	26 46	7 43	23 29	23 31	18 16	4 47	3 17
T 24	21 39	17 51	3 54	13 49	2 44	24 4	2 26	23 37	1 21	15 19	1 9	14 45	2 19	8 59	0 46	0 25	1 35	26 46	7 43	23 29	23 31	18 17	4 48	3 17
W25	21 48	20 42	3 6	14 21	2 35	23 52	2 24	23 31	1 21	15 17	1 9	14 44	2 19	8 59	0 46	0 25	1 35	26 46	7 43	23 29	23 31	18 19	4 48	3 17
T 26	21 57	22 40	2 9	14 54	2 27	23 39	2 21	23 26	1 21	15 14	1 9	14 43	2 19	8 58	0 46	0 24	1 35	26 47	7 44	23 29	23 31	18 21	4 49	3 18
F 27	22 5	23 38	1 6	15 28	2 17	23 26	2 18	23 20	1 20	15 11	1 9	14 42	2 19	8 58	0 46	0 24	1 35	26 47	7 44	23 29	23 31	18 22	4 50	3 18
S 28	22 14	23 29	0n 0	16 2	2 7	23 12	2 15	23 14	1 20	15 9	1 9	14 42	2 19	8 58	0 46	0 24	1 35	26 48	7 44	23 29	23 31	18 24	4 51	3 18
S 29	22 21	22 12	1 8	16 36	1 57	22 58	2 12	23 8	1 20	15 6	1 9	14 41	2 18	8 57	0 46	0 23	1 35	26 48	7 44	23 29	23 31	18 25	4 52	3 18
M30	22 29	19 50	2 13	17 11	1 47	22 44	2 9	23 2	1 20	15 4	1 9	14 40	2 18	8 57	0 46	0 23	1 35	26 48	7 44	23 29	23 31	18 27	4 52	3 18
T 31	22n36	16s29	3n13	17n46	1s36	22n29	2n 5	22n56	1n19	15n 1	1n 9	14s39	2n18	8n56	0n46	0s23	1s35	26s49	7s45	23s29	23s31	18s29	4n53	3n18

Julian Day Number = 2102133.5, Delta T = 21m09s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'19, Lahiri = 10°31'19 Julian Calendar 1 May 1043 == Greg. Calendar 7 May 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

JUNE 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 58 10	14♊56'22	15♒49	27♉36	29♋58	23♋25	23♌ 5	16°R26	9♍ 2	2♈43	4°R12	25♐33	26♐15	10♏19	4♈41	W 1
T 2	17 2 6	15°53'33	29° 0	29°23	0♌50	24° 2	23°13	16♏22	9° 3	2°44	4♒11	25°34	26°12	10°26	4°43	T 2
F 3	17 6 3	16°50'44	12♓31	1♊13	1°42	24°39	23°22	16°18	9° 4	2°45	4°10	25°R34	26° 9	10°33	4°44	F 3
S 4	17 9 59	17°47'55	26°21	3° 6	2°34	25°16	23°30	16°15	9° 5	2°46	4° 9	25°34	26° 5	10°40	4°46	S 4
S 5	17 13 56	18°45'07	10♈31	5° 2	3°25	25°52	23°38	16°12	9° 7	2°46	4° 8	25°34	26° 2	10°46	4°47	S 5
M 6	17 17 52	19°42'18	25° 0	6°59	4°15	26°29	23°47	16° 8	9° 8	2°47	4° 8	25°33	25°59	10°53	4°49	M 6
T 7	17 21 49	20°39'29	9♉43	8°59	5° 4	27° 6	23°56	16° 5	9° 9	2°48	4° 7	25°33	25°56	11° 0	4°50	T 7
W 8	17 25 45	21°36'40	24°34	11° 2	5°53	27°43	24° 4	16° 2	9°11	2°49	4° 6	25°32	25°53	11° 6	4°51	W 8
T 9	17 29 42	22°33'52	9♊28	13° 6	6°41	28°20	24°13	15°59	9°12	2°50	4° 5	25°32	25°50	11°13	4°52	T 9
F 10	17 33 39	23°31'03	24°15	15°12	7°28	28°57	24°22	15°56	9°14	2°50	4° 4	25°D32	25°46	11°20	4°54	F 10
S 11	17 37 35	24°28'15	8♋49	17°19	8°14	29°34	24°31	15°53	9°15	2°51	4° 3	25°32	25°43	11°26	4°55	S 11
S 12	17 41 32	25°25'26	23° 3	19°27	9° 0	0♌11	24°41	15°50	9°17	2°52	4° 2	25°R32	25°40	11°33	4°56	S 12
M13	17 45 28	26°22'37	6♌55	21°37	9°45	0°48	24°50	15°47	9°19	2°52	4° 1	25°32	25°37	11°40	4°57	M13
T 14	17 49 25	27°19'47	20°21	23°46	10°28	1°25	24°59	15°44	9°20	2°53	4° 0	25°32	25°34	11°46	4°58	T 14
W15	17 53 21	28°16'57	3♍24	25°57	11°11	2° 2	25° 9	15°41	9°22	2°53	3°59	25°31	25°30	11°53	4°59	W15
T 16	17 57 18	29°14'08	16° 4	28° 7	11°53	2°39	25°18	15°39	9°24	2°54	3°58	25°31	25°27	12° 0	5° 0	T 16
F 17	18 1 14	0♋11'18	28°26	0♋17	12°34	3°16	25°28	15°36	9°26	2°54	3°57	25°D31	25°24	12° 6	5° 1	F 17
S 18	18 5 11	1° 8'27	10♎33	2°27	13°13	3°53	25°38	15°34	9°28	2°55	3°56	25°31	25°21	12°13	5° 2	S 18
S 19	18 9 8	2° 5'37	22°31	4°35	13°52	4°31	25°48	15°31	9°29	2°55	3°55	25°32	25°18	12°20	5° 2	S 19
M20	18 13 4	3° 2'47	4♏22	6°43	14°30	5° 8	25°58	15°29	9°31	2°56	3°54	25°32	25°15	12°26	5° 3	M20
T 21	18 17 1	3°59'56	16°13	8°50	15° 6	5°45	26° 8	15°27	9°33	2°56	3°52	25°33	25°11	12°33	5° 4	T 21
W22	18 20 57	4°57'06	28° 6	10°55	15°41	6°22	26°18	15°25	9°36	2°56	3°51	25°34	25° 8	12°40	5° 4	W22
T 23	18 24 54	5°54'16	10♐ 5	13° 0	16°15	6°59	26°28	15°23	9°38	2°56	3°50	25°35	25° 5	12°47	5° 5	T 23
F 24	18 28 50	6°51'26	22°12	15° 2	16°47	7°37	26°38	15°21	9°40	2°57	3°49	25°R35	25° 2	12°53	5° 5	F 24
S 25	18 32 47	7°48'37	4♑31	17° 3	17°18	8°14	26°49	15°19	9°42	2°57	3°48	25°35	24°59	13° 0	5° 6	S 25
S 26	18 36 44	8°45'48	17° 2	19° 2	17°47	8°51	26°59	15°17	9°44	2°57	3°47	25°34	24°56	13° 7	5° 6	S 26
M27	18 40 40	9°42'59	29°47	21° 0	18°15	9°28	27°10	15°15	9°47	2°57	3°45	25°33	24°52	13°13	5° 7	M27
T 28	18 44 37	10°40'11	12♒46	22°56	18°42	10° 6	27°20	15°14	9°49	2°57	3°44	25°31	24°49	13°20	5° 7	T 28
W29	18 48 33	11°37'23	25°58	24°50	19° 7	10°43	27°31	15°12	9°51	2°57	3°43	25°29	24°46	13°27	5° 7	W29
T 30	18 52 30	12♋34'36	9♓25	26♋43	19♌30	11♌21	27♌42	15♏11	9♍54	2♈58	3♒42	25♐27	24♐43	13♏33	5♈ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n42	12s17	4n 4	18n21	1s25	22n14	2n 1	22n49	1n19	14n58	1n 8	14s38	2n18	8n56	0n46	0s22	1s35	26s49	7s45	23s29	23s31	18s30	4n54	3n18
T 2	22 49	7 27	4 44	18 56	1 13	21 59	1 57	22 43	1 19	14 55	1 8	14 37	2 18	8 56	0 46	0 22	1 35	26 50	7 45	23 29	23 30	18 32	4 55	3 18
F 3	22 55	2 9	5 9	19 30	1 2	21 43	1 53	22 36	1 19	14 52	1 8	14 36	2 18	8 55	0 46	0 22	1 35	26 50	7 45	23 29	23 30	18 33	4 55	3 18
S 4	23 0	3n23	5 17	20 4	0 51	21 27	1 49	22 29	1 19	14 50	1 8	14 35	2 17	8 55	0 46	0 21	1 35	26 51	7 46	23 29	23 30	18 35	4 56	3 19
S 5	23 5	8 53	5 6	20 36	0 39	21 11	1 44	22 22	1 18	14 47	1 8	14 35	2 17	8 54	0 46	0 21	1 35	26 51	7 46	23 29	23 30	18 36	4 57	3 19
M 6	23 10	14 0	4 36	21 8	0 27	20 54	1 39	22 14	1 18	14 44	1 8	14 34	2 17	8 54	0 46	0 21	1 35	26 51	7 46	23 29	23 30	18 38	4 58	3 19
T 7	23 14	18 24	3 48	21 39	0 16	20 37	1 34	22 7	1 18	14 41	1 8	14 33	2 17	8 53	0 46	0 20	1 36	26 52	7 46	23 29	23 30	18 39	4 58	3 19
W 8	23 18	21 39	2 44	22 8	0 5	20 20	1 29	22 0	1 18	14 38	1 8	14 32	2 17	8 52	0 46	0 20	1 36	26 52	7 46	23 29	23 30	18 41	4 59	3 19
T 9	23 21	23 26	1 28	22 36	0n 7	20 3	1 23	21 52	1 17	14 35	1 7	14 32	2 17	8 52	0 46	0 20	1 36	26 53	7 47	23 29	23 30	18 42	4 59	3 19
F 10	23 24	23 33	0 7	23 1	0 17	19 45	1 18	21 44	1 17	14 31	1 7	14 31	2 16	8 51	0 46	0 20	1 36	26 53	7 47	23 29	23 30	18 44	5 0	3 19
S 11	23 27	22 3	1s13	23 25	0 28	19 27	1 12	21 36	1 17	14 28	1 7	14 30	2 16	8 51	0 46	0 19	1 36	26 54	7 47	23 29	23 30	18 45	5 1	3 19
S 12	23 29	19 10	2 27	23 46	0 38	19 9	1 6	21 28	1 17	14 25	1 7	14 30	2 16	8 50	0 46	0 19	1 36	26 54	7 47	23 29	23 29	18 47	5 1	3 20
M13	23 31	15 15	3 30	24 5	0 47	18 51	0 59	21 19	1 16	14 22	1 7	14 29	2 16	8 49	0 45	0 19	1 36	26 55	7 48	23 29	23 29	18 48	5 2	3 20
T 14	23 32	10 40	4 20	24 21	0 56	18 33	0 53	21 11	1 16	14 19	1 7	14 28	2 16	8 49	0 45	0 19	1 36	26 55	7 48	23 29	23 29	18 50	5 2	3 20
W15	23 33	5 44	4 54	24 35	1 5	18 15	0 46	21 2	1 16	14 15	1 7	14 28	2 15	8 48	0 45	0 19	1 36	26 55	7 48	23 29	23 29	18 51	5 3	3 20
T 16	23 34	0 43	5 13	24 46	1 13	17 56	0 39	20 54	1 16	14 12	1 7	14 27	2 15	8 47	0 45	0 19	1 36	26 56	7 48	23 29	23 29	18 53	5 3	3 20
F 17	23 34	4s13	5 17	24 53	1 20	17 38	0 31	20 45	1 15	14 9	1 7	14 27	2 15	8 46	0 45	0 18	1 36	26 56	7 48	23 29	23 29	18 54	5 4	3 20
S 18	23 33	8 53	5 6	24 58	1 26	17 19	0 24	20 36	1 15	14 5	1 7	14 26	2 15	8 46	0 45	0 18	1 36	26 57	7 48	23 29	23 29	18 56	5 4	3 20
S 19	23 33	13 10	4 43	25 1	1 32	17 0	0 16	20 27	1 15	14 2	1 6	14 26	2 14	8 45	0 45	0 18	1 36	26 57	7 49	23 29	23 29	18 57	5 4	3 20
M20	23 32	16 55	4 7	25 0	1 37	16 42	0 8	20 17	1 14	13 58	1 6	14 25	2 14	8 44	0 45	0 18	1 36	26 58	7 49	23 29	23 29	18 59	5 5	3 20
T 21	23 30	19 59	3 21	24 57	1 41	16 23	0s 0	20 8	1 14	13 55	1 6	14 25	2 14	8 43	0 45	0 18	1 36	26 58	7 49	23 29	23 28	19 0	5 5	3 21
W22	23 28	22 13	2 27	24 51	1 44	16 4	0 9	19 58	1 14	13 51	1 6	14 24	2 14	8 43	0 45	0 18	1 36	26 59	7 49	23 29	23 28	19 2	5 6	3 21
T 23	23 26	23 29	1 25	24 42	1 47	15 46	0 18	19 48	1 14	13 48	1 6	14 24	2 14	8 42	0 45	0 18	1 36	26 59	7 49	23 29	23 28	19 3	5 6	3 21
F 24	23 23	23 39	0 19	24 31	1 49	15 27	0 27	19 39	1 13	13 44	1 6	14 24	2 13	8 41	0 45	0 18	1 37	26 59	7 50	23 29	23 28	19 5	5 6	3 21
S 25	23 20	22 40	0n49	24 18	1 50	15 9	0 37	19 29	1 13	13 40	1 6	14 23	2 13	8 40	0 45	0 18	1 37	27 0	7 50	23 29	23 28	19 6	5 7	3 21
S 26	23 16	20 33	1 56	24 2	1 51	14 51	0 46	19 19	1 13	13 37	1 6	14 23	2 13	8 39	0 45	0 18	1 37	27 0	7 50	23 29	23 28	19 8	5 7	3 21
M27	23 12	17 24	2 58	23 44	1 51	14 33	0 56	19 8	1 13	13 33	1 6	14 23	2 13	8 38	0 45	0 18	1 37	27 1	7 50	23 29	23 28	19 9	5 7	3 21
T 28	23 8	13 21	3 52	23 25	1 50	14 15	1 6	18 58	1 12	13 29	1 6	14 23	2 12	8 37	0 45	0 18	1 37	27 1	7 50	23 29	23 28	19 10	5 7	3 21
W29	23 3	8 37	4 35	23 3	1 49	13 57	1 17	18 47	1 12	13 25	1 6	14 22	2 12	8 36	0 45	0 18	1 37	27 2	7 50	23 29	23 28	19 12	5 7	3 22
T 30	22n58	3s24	5n 3	22n40	1n47	13n40	1s28	18n37	1n12	13n22	1n 5	14s22	2n12	8n35	0n45	0s18	1s37	27s 2	7s50	23s29	23s27	19s13	5n 8	3n22

Julian Day Number = 2102164.5, Delta T = 21m08s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'23, Lahiri = 10°31'23 Julian Calendar 1 June 1043 == Greg. Calendar 7 June 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

JULY 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 56 26	13♋31'50	23♓ 5	28♋33	19♌51	11♌58	27♌53	15°R10	9♍56	2°R58	3°R40	25°R25	24♐40	13♏40	5♈ 7	F 1
S 2	19 0 23	14°29'05	6♈58	0♌22	20°11	12°35	28° 4	15♏ 8	9°59	2♈58	3♒39	25♐24	24°36	13°47	5° 7	S 2
S 3	19 4 19	15°26'21	21° 2	2° 9	20°29	13°13	28°15	15° 7	10° 1	2°57	3°38	25°D24	24°33	13°53	5°R 8	S 3
M 4	19 8 16	16°23'37	5♉17	3°54	20°45	13°50	28°26	15° 6	10° 4	2°57	3°37	25°25	24°30	14° 0	5° 8	M 4
T 5	19 12 13	17°20'55	19°40	5°38	20°59	14°28	28°37	15° 5	10° 6	2°57	3°35	25°26	24°27	14° 7	5° 7	T 5
W 6	19 16 9	18°18'14	4♊ 7	7°20	21°11	15° 5	28°48	15° 4	10° 9	2°57	3°34	25°27	24°24	14°13	5° 7	W 6
T 7	19 20 6	19°15'33	18°36	8°59	21°21	15°43	28°59	15° 4	10°12	2°57	3°33	25°R28	24°21	14°20	5° 7	T 7
F 8	19 24 2	20°12'54	3♋ 0	10°38	21°29	16°20	29°11	15° 3	10°14	2°57	3°31	25°28	24°17	14°27	5° 7	F 8
S 9	19 27 59	21°10'16	17°16	12°14	21°35	16°58	29°22	15° 2	10°17	2°57	3°30	25°27	24°14	14°33	5° 7	S 9
S 10	19 31 55	22° 7'38	1♌18	13°49	21°38	17°36	29°34	15° 2	10°20	2°56	3°29	25°24	24°11	14°40	5° 6	S 10
M11	19 35 52	23° 5'01	15° 1	15°22	21°R40	18°13	29°45	15° 1	10°23	2°56	3°28	25°21	24° 8	14°47	5° 6	M11
T 12	19 39 48	24° 2'25	28°25	16°53	21°39	18°51	29°57	15° 1	10°25	2°56	3°26	25°16	24° 5	14°53	5° 5	T 12
W13	19 43 45	24°59'49	11♍27	18°22	21°35	19°29	0♍ 8	15° 1	10°28	2°55	3°25	25°12	24° 2	15° 0	5° 5	W13
T 14	19 47 42	25°57'15	24° 8	19°50	21°29	20° 6	0°20	15°D 1	10°31	2°55	3°24	25° 8	23°58	15° 7	5° 4	T 14
F 15	19 51 38	26°54'41	6♎31	21°16	21°21	20°44	0°32	15° 1	10°34	2°54	3°22	25° 5	23°55	15°13	5° 4	F 15
S 16	19 55 35	27°52'07	18°39	22°40	21°11	21°22	0°44	15° 1	10°37	2°54	3°21	25° 3	23°52	15°20	5° 3	S 16
S 17	19 59 31	28°49'35	0♏36	24° 2	20°58	22° 0	0°55	15° 1	10°40	2°53	3°19	25°D 3	23°49	15°27	5° 3	S 17
M18	20 3 28	29°47'03	12°28	25°22	20°43	22°38	1° 7	15° 1	10°43	2°53	3°18	25° 3	23°46	15°33	5° 2	M18
T 19	20 7 24	0♌44'33	24°18	26°40	20°25	23°16	1°19	15° 2	10°46	2°52	3°17	25° 5	23°42	15°40	5° 1	T 19
W20	20 11 21	1°42'03	6♐13	27°56	20° 5	23°53	1°31	15° 2	10°49	2°52	3°15	25° 7	23°39	15°47	5° 0	W20
T 21	20 15 17	2°39'34	18°16	29°10	19°43	24°31	1°43	15° 3	10°53	2°51	3°14	25° 8	23°36	15°54	4°59	T 21
F 22	20 19 14	3°37'06	0♑32	0♍22	19°19	25° 9	1°56	15° 4	10°56	2°51	3°13	25°R 8	23°33	16° 0	4°58	F 22
S 23	20 23 11	4°34'40	13° 3	1°32	18°52	25°47	2° 8	15° 4	10°59	2°50	3°11	25° 6	23°30	16° 7	4°57	S 23
S 24	20 27 7	5°32'14	25°51	2°40	18°24	26°25	2°20	15° 5	11° 2	2°49	3°10	25° 3	23°27	16°14	4°56	S 24
M25	20 31 4	6°29'49	8♒56	3°45	17°54	27° 3	2°32	15° 6	11° 5	2°48	3° 9	24°58	23°23	16°20	4°55	M25
T 26	20 35 0	7°27'26	22°19	4°48	17°22	27°41	2°44	15° 7	11° 9	2°48	3° 7	24°51	23°20	16°27	4°54	T 26
W27	20 38 57	8°25'04	5♓57	5°48	16°49	28°19	2°57	15° 8	11°12	2°47	3° 6	24°44	23°17	16°34	4°53	W27
T 28	20 42 53	9°22'44	19°47	6°45	16°15	28°57	3° 9	15°10	11°15	2°46	3° 5	24°38	23°14	16°40	4°52	T 28
F 29	20 46 50	10°20'25	3♈47	7°40	15°40	29°36	3°22	15°11	11°19	2°45	3° 3	24°32	23°11	16°47	4°50	F 29
S 30	20 50 46	11°18'08	17°52	8°31	15° 4	0♍14	3°34	15°12	11°22	2°44	3° 2	24°28	23° 8	16°54	4°49	S 30
S 31	20 54 43	12♌15'52	2♉ 1	9♍19	14♌27	0♍52	3♍46	15♏14	11♍25	2♈43	3♒ 1	24♐25	23♐ 4	17♏ 0	4♈48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22n52	2n 4	5n15	22n16	1n44	13n22	1s39	18n26	1n11	13n18	1n 5	14s22	2n12	8n34	0n45	0s18	1s37	27s 3	7s51	23s29	23s27	19s15	5n 8	3n22	
S 2	22 46	7 30	5 9	21 50	1 41	13 5	1 50	18 15	1 11	13 14	1 5	14 22	2 11	8 33	0 45	0 18	1 37	27 3	7 51	23 29	23 27	19 16	5 8	3 22	
S 3	22 40	12 38	4 45	21 22	1 38	12 49	2 2	18 4	1 11	13 10	1 5	14 22	2 11	8 32	0 45	0 18	1 37	27 3	7 51	23 29	23 27	19 17	5 8	3 22	
M 4	22 33	17 9	4 2	20 54	1 34	12 32	2 14	17 53	1 11	13 6	1 5	14 22	2 11	8 31	0 45	0 18	1 37	27 4	7 51	23 29	23 27	19 19	5 8	3 22	
T 5	22 26	20 42	3 5	20 24	1 29	12 17	2 26	17 42	1 10	13 2	1 5	14 22	2 11	8 30	0 45	0 18	1 37	27 4	7 51	23 29	23 27	19 20	5 8	3 22	
W 6	22 18	22 58	1 55	19 53	1 24	12 1	2 38	17 30	1 10	12 58	1 5	14 22	2 10	8 29	0 45	0 18	1 37	27 5	7 51	23 29	23 27	19 22	5 8	3 22	
T 7	22 10	23 42	0 38	19 22	1 18	11 46	2 50	17 19	1 10	12 54	1 5	14 22	2 10	8 28	0 45	0 19	1 37	27 5	7 51	23 29	23 26	19 23	5 8	3 23	
F 8	22 2	22 50	0s41	18 49	1 13	11 31	3 3	17 7	1 9	12 50	1 5	14 22	2 10	8 27	0 45	0 19	1 37	27 6	7 52	23 29	23 26	19 24	5 8	3 23	
S 9	21 53	20 31	1 57	18 16	1 6	11 17	3 16	16 56	1 9	12 46	1 5	14 22	2 10	8 26	0 45	0 19	1 37	27 6	7 52	23 29	23 26	19 26	5 8	3 23	
S 10	21 44	16 59	3 4	17 43	0 59	11 4	3 29	16 44	1 9	12 42	1 5	14 22	2 9	8 25	0 45	0 19	1 38	27 7	7 52	23 29	23 26	19 27	5 8	3 23	
M11	21 35	12 36	3 59	17 9	0 52	10 51	3 42	16 32	1 8	12 38	1 5	14 22	2 9	8 24	0 44	0 19	1 38	27 7	7 52	23 29	23 26	19 28	5 8	3 23	
T 12	21 25	7 43	4 39	16 34	0 45	10 38	3 56	16 20	1 8	12 33	1 5	14 22	2 9	8 23	0 44	0 19	1 38	27 7	7 52	23 29	23 26	19 30	5 8	3 23	
W13	21 15	2 38	5 4	15 59	0 37	10 27	4 9	16 8	1 8	12 29	1 5	14 22	2 9	8 22	0 44	0 20	1 38	27 8	7 52	23 29	23 26	19 31	5 8	3 23	
T 14	21 4	2s26	5 13	15 24	0 29	10 16	4 23	15 55	1 7	12 25	1 5	14 23	2 8	8 21	0 44	0 20	1 38	27 8	7 52	23 28	23 25	19 32	5 8	3 23	
F 15	20 53	7 17	5 7	14 49	0 21	10 5	4 37	15 43	1 7	12 21	1 5	14 23	2 8	8 20	0 44	0 20	1 38	27 9	7 52	23 28	23 25	19 34	5 8	3 24	
S 16	20 42	11 45	4 47	14 13	0 12	9 56	4 50	15 30	1 7	12 17	1 5	14 23	2 8	8 18	0 44	0 20	1 38	27 9	7 52	23 28	23 25	19 35	5 8	3 24	
S 17	20 30	15 43	4 15	13 38	0 3	9 47	5 4	15 18	1 6	12 12	1 4	14 23	2 8	8 17	0 44	0 20	1 38	27 10	7 52	23 28	23 25	19 36	5 8	3 24	
M18	20 18	19 1	3 32	13 2	0s 6	9 39	5 17	15 5	1 6	12 8	1 4	14 24	2 7	8 16	0 44	0 21	1 38	27 10	7 53	23 28	23 25	19 38	5 8	3 24	
T 19	20 6	21 32	2 40	12 27	0 15	9 32	5 31	14 52	1 6	12 4	1 4	14 24	2 7	8 15	0 44	0 21	1 38	27 10	7 53	23 28	23 25	19 39	5 7	3 24	
W20	19 53	23 7	1 41	11 52	0 25	9 25	5 44	14 39	1 6	11 59	1 4	14 25	2 7	8 14	0 44	0 21	1 38	27 11	7 53	23 28	23 25	19 40	5 7	3 24	
T 21	19 40	23 40	0 37	11 17	0 35	9 20	5 57	14 26	1 5	11 55	1 4	14 25	2 7	8 12	0 44	0 22	1 38	27 11	7 53	23 28	23 24	19 42	5 7	3 24	
F 22	19 27	23 4	0n29	10 42	0 45	9 15	6 10	14 13	1 5	11 51	1 4	14 25	2 6	8 11	0 44	0 22	1 38	27 12	7 53	23 28	23 24	19 43	5 7	3 24	
S 23	19 13	21 20	1 36	10 8	0 55	9 11	6 22	14 0	1 5	11 46	1 4	14 26	2 6	8 10	0 44	0 22	1 38	27 12	7 53	23 28	23 24	19 44	5 6	3 24	
S 24	18 59	18 29	2 39	9 34	1 5	9 9	6 34	13 47	1 4	11 42	1 4	14 26	2 6	8 9	0 44	0 23	1 38	27 12	7 53	23 28	23 24	19 46	5 6	3 25	
M25	18 45	14 39	3 35	9 1	1 16	9 7	6 45	13 33	1 4	11 37	1 4	14 27	2 6	8 7	0 44	0 23	1 38	27 13	7 53	23 28	23 24	19 47	5 6	3 25	
T 26	18 30	10 2	4 21	8 28	1 26	9 6	6 56	13 20	1 4	11 33	1 4	14 27	2 5	8 6	0 44	0 23	1 38	27 13	7 53	23 28	23 24	19 48	5 5	3 25	
W27	18 15	4 51	4 52	7 56	1 37	9 5	7 7	13 6	1 3	11 28	1 4	14 28	2 5	8 5	0 44	0 24	1 38	27 13	7 53	23 27	23 23	19 49	5 5	3 25	
T 28	18 0	0n39	5 7	7 25	1 48	9 6	7 16	12 53	1 3	11 24	1 4	14 29	2 5	8 4	0 44	0 24	1 38	27 14	7 53	23 27	23 23	19 51	5 4	3 25	
F 29	17 44	6 10	5 4	6 55	1 58	9 8	7 25	12 39	1 3	11 19	1 4	14 29	2 5	8 2	0 44	0 24	1 39	27 14	7 53	23 27	23 23	19 52	5 4	3 25	
S 30	17 29	11 24	4 43	6 25	2 9	9 10	7 34	12 25	1 2	11 15	1 4	14 30	2 4	8 1	0 44	0 25	1 39	27 15	7 53	23 27	23 23	19 53	5 4	3 25	
S 31	17n12	16n 4	4n 5	5n57	2s20	9n13	7s41	12n11	1n 2	11n10	1n 4	14s31	2n 4	8n 0	0n44	0s25	1s39	27s15	7s53	23s27	23s23	19s54	5n 3	3n25	

Julian Day Number = 2102194.5, Delta T = 21m08s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'27, Lahiri = 10°31'28 Julian Calendar 1 July 1043 == Greg. Calendar 7 July 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

AUGUST 1043 JC

00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 58 40	13♌13'39	16♉11	10♍ 4	13°R50	1♍30	3♍59	15♏16	11♍29	2°R43	2°R59	24°D25	23♐ 1	17♏ 7	4°R46	M 1
T 2	21 2 36	14°11'27	0♊20	10°46	13♌13	2° 8	4°11	15°17	11°32	2♈42	2♒58	24♐26	22°58	17°14	4♈45	T 2
W 3	21 6 33	15° 9'17	14°28	11°24	12°35	2°47	4°24	15°19	11°36	2°41	2°57	24°27	22°55	17°20	4°43	W 3
T 4	21 10 29	16° 7'08	28°31	11°57	11°59	3°25	4°37	15°21	11°39	2°40	2°55	24°R27	22°52	17°27	4°42	T 4
F 5	21 14 26	17° 5'02	12♋30	12°27	11°23	4° 3	4°49	15°23	11°43	2°39	2°54	24°26	22°48	17°34	4°40	F 5
S 6	21 18 22	18° 2'57	26°20	12°52	10°47	4°42	5° 2	15°25	11°46	2°37	2°53	24°22	22°45	17°40	4°39	S 6
S 7	21 22 19	19° 0'54	10♌ 0	13°12	10°13	5°20	5°15	15°27	11°50	2°36	2°51	24°16	22°42	17°47	4°37	S 7
M 8	21 26 15	19°58'53	23°27	13°27	9°40	5°59	5°27	15°30	11°53	2°35	2°50	24° 8	22°39	17°54	4°35	M 8
T 9	21 30 12	20°56'53	6♍38	13°38	9° 9	6°37	5°40	15°32	11°57	2°34	2°49	23°58	22°36	18° 0	4°33	T 9
W10	21 34 9	21°54'54	19°32	13°R42	8°39	7°15	5°53	15°35	12° 1	2°33	2°48	23°48	22°33	18° 7	4°32	W10
T 11	21 38 5	22°52'58	2♎ 8	13°41	8°11	7°54	6° 6	15°37	12° 4	2°32	2°46	23°38	22°29	18°14	4°30	T 11
F 12	21 42 2	23°51'02	14°28	13°34	7°44	8°33	6°19	15°40	12° 8	2°31	2°45	23°30	22°26	18°20	4°28	F 12
S 13	21 45 58	24°49'08	26°34	13°20	7°20	9°11	6°31	15°43	12°11	2°29	2°44	23°24	22°23	18°27	4°26	S 13
S 14	21 49 55	25°47'16	8♏31	13° 1	6°58	9°50	6°44	15°45	12°15	2°28	2°43	23°20	22°20	18°34	4°24	S 14
M15	21 53 51	26°45'25	20°21	12°35	6°38	10°28	6°57	15°48	12°19	2°27	2°41	23°19	22°17	18°40	4°22	M15
T 16	21 57 48	27°43'36	2♐11	12° 3	6°20	11° 7	7°10	15°51	12°22	2°26	2°40	23°D18	22°14	18°47	4°20	T 16
W17	22 1 44	28°41'49	14° 5	11°24	6° 5	11°46	7°23	15°54	12°26	2°24	2°39	23°19	22°10	18°54	4°18	W17
T 18	22 5 41	29°40'03	26° 9	10°40	5°52	12°25	7°36	15°58	12°30	2°23	2°38	23°R19	22° 7	19° 0	4°16	T 18
F 19	22 9 38	0♍38'18	8♑29	9°51	5°41	13° 3	7°49	16° 1	12°34	2°22	2°37	23°18	22° 4	19° 7	4°14	F 19
S 20	22 13 34	1°36'35	21° 7	8°58	5°33	13°42	8° 2	16° 4	12°37	2°20	2°36	23°15	22° 1	19°14	4°11	S 20
S 21	22 17 31	2°34'54	4♒ 7	8° 1	5°27	14°21	8°15	16° 8	12°41	2°19	2°34	23° 9	21°58	19°20	4° 9	S 21
M22	22 21 27	3°33'14	17°30	7° 1	5°24	15° 0	8°28	16°11	12°45	2°17	2°33	23° 1	21°54	19°27	4° 7	M22
T 23	22 25 24	4°31'36	1♓15	6° 0	5°D22	15°39	8°41	16°15	12°48	2°16	2°32	22°51	21°51	19°34	4° 5	T 23
W24	22 29 20	5°30'00	15°19	4°59	5°24	16°18	8°54	16°18	12°52	2°15	2°31	22°40	21°48	19°40	4° 2	W24
T 25	22 33 17	6°28'26	29°37	3°59	5°27	16°57	9° 7	16°22	12°56	2°13	2°30	22°29	21°45	19°47	4° 0	T 25
F 26	22 37 13	7°26'54	14♈ 3	3° 2	5°33	17°36	9°20	16°26	13° 0	2°12	2°29	22°19	21°42	19°54	3°58	F 26
S 27	22 41 10	8°25'25	28°30	2°10	5°42	18°15	9°33	16°30	13° 3	2°10	2°28	22°12	21°39	20° 0	3°55	S 27
S 28	22 45 6	9°23'57	12♉54	1°23	5°52	18°54	9°46	16°34	13° 7	2° 9	2°27	22° 7	21°35	20° 7	3°53	S 28
M29	22 49 3	10°22'32	27°10	0°42	6° 4	19°33	9°59	16°38	13°11	2° 7	2°26	22° 5	21°32	20°14	3°51	M29
T 30	22 53 0	11°21'09	11♊18	0°10	6°19	20°12	10°12	16°42	13°15	2° 6	2°25	22°D 5	21°29	20°20	3°48	T 30
W31	22 56 56	12♍19'48	25♊15	29♌46	6♌36	20♍51	10♍25	16♏46	13♍19	2♈ 4	2♒24	22°R 5	21♐26	20♏27	3♈46	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n56	19n49	3n11	5n31	2s30	9n17	7s48	11n57	1n 1	11n 6	1n 4	14s31	2n 4	7n58	0n44	0s26	1s39	27s15	7s53	23s27	23s23	19s56	5n 3	3n25
T 2	16 39	22 23	2 6	5 5	2 41	9 21	7 54	11 43	1 1	11 1	1 4	14 32	2 4	7 57	0 44	0 26	1 39	27 16	7 53	23 27	23 23	19 57	5 2	3 25
W 3	16 22	23 32	0 54	4 41	2 51	9 27	7 59	11 29	1 1	10 56	1 4	14 33	2 3	7 56	0 44	0 26	1 39	27 16	7 53	23 27	23 22	19 58	5 2	3 26
T 4	16 5	23 11	0s22	4 19	3 2	9 33	8 3	11 15	1 0	10 52	1 4	14 34	2 3	7 54	0 44	0 27	1 39	27 16	7 53	23 27	23 22	19 59	5 1	3 26
F 5	15 48	21 23	1 35	3 58	3 12	9 39	8 7	11 0	1 0	10 47	1 4	14 34	2 3	7 53	0 44	0 27	1 39	27 17	7 53	23 27	23 22	20 1	5 1	3 26
S 6	15 30	18 20	2 43	3 40	3 21	9 46	8 9	10 46	1 0	10 42	1 4	14 35	2 3	7 52	0 44	0 28	1 39	27 17	7 53	23 27	23 22	20 2	5 0	3 26
S 7	15 12	14 19	3 39	3 24	3 31	9 53	8 11	10 31	0 59	10 38	1 4	14 36	2 2	7 50	0 44	0 28	1 39	27 17	7 53	23 26	23 22	20 3	4 59	3 26
M 8	14 54	9 38	4 23	3 10	3 40	10 1	8 11	10 17	0 59	10 33	1 4	14 37	2 2	7 49	0 44	0 29	1 39	27 18	7 53	23 26	23 21	20 4	4 59	3 26
T 9	14 35	4 37	4 51	2 58	3 48	10 9	8 11	10 2	0 59	10 28	1 4	14 38	2 2	7 47	0 44	0 29	1 39	27 18	7 53	23 25	23 21	20 5	4 58	3 26
W10	14 17	0s29	5 4	2 49	3 56	10 18	8 10	9 47	0 58	10 23	1 4	14 39	2 2	7 46	0 44	0 30	1 39	27 18	7 53	23 25	23 21	20 7	4 57	3 26
T 11	13 58	5 27	5 1	2 43	4 3	10 26	8 9	9 33	0 58	10 19	1 4	14 40	2 1	7 45	0 44	0 30	1 39	27 19	7 53	23 25	23 21	20 8	4 57	3 26
F 12	13 38	10 6	4 45	2 40	4 9	10 35	8 6	9 18	0 57	10 14	1 4	14 41	2 1	7 43	0 44	0 31	1 39	27 19	7 53	23 24	23 21	20 9	4 56	3 26
S 13	13 19	14 16	4 16	2 41	4 14	10 44	8 3	9 3	0 57	10 9	1 4	14 42	2 1	7 42	0 44	0 31	1 39	27 19	7 53	23 24	23 21	20 10	4 55	3 26
S 14	12 59	17 49	3 36	2 45	4 18	10 54	7 59	8 48	0 57	10 4	1 4	14 43	2 1	7 40	0 44	0 32	1 39	27 19	7 53	23 24	23 20	20 11	4 55	3 26
M15	12 40	20 36	2 47	2 52	4 20	11 3	7 55	8 33	0 56	10 0	1 4	14 44	2 0	7 39	0 44	0 32	1 39	27 20	7 53	23 24	23 20	20 13	4 54	3 26
T 16	12 19	22 30	1 50	3 3	4 22	11 12	7 50	8 18	0 56	9 55	1 4	14 45	2 0	7 38	0 44	0 33	1 39	27 20	7 53	23 24	23 20	20 14	4 53	3 27
W17	11 59	23 25	0 49	3 18	4 21	11 21	7 44	8 3	0 56	9 50	1 4	14 46	2 0	7 36	0 44	0 33	1 39	27 20	7 53	23 24	23 20	20 15	4 52	3 27
T 18	11 39	23 15	0n15	3 36	4 19	11 30	7 38	7 47	0 55	9 45	1 4	14 47	2 0	7 35	0 44	0 34	1 39	27 20	7 53	23 24	23 20	20 16	4 52	3 27
F 19	11 18	21 58	1 20	3 58	4 16	11 39	7 31	7 32	0 55	9 40	1 4	14 49	1 59	7 33	0 44	0 35	1 39	27 21	7 53	23 24	23 19	20 17	4 51	3 27
S 20	10 57	19 33	2 22	4 23	4 10	11 48	7 24	7 17	0 54	9 35	1 4	14 50	1 59	7 32	0 44	0 35	1 40	27 21	7 53	23 23	23 19	20 18	4 50	3 27
S 21	10 36	16 6	3 19	4 52	4 2	11 57	7 17	7 1	0 54	9 31	1 4	14 51	1 59	7 30	0 44	0 36	1 40	27 21	7 53	23 23	23 19	20 19	4 49	3 27
M22	10 15	11 45	4 6	5 23	3 53	12 5	7 9	6 46	0 54	9 26	1 4	14 52	1 59	7 29	0 44	0 36	1 40	27 21	7 53	23 23	23 19	20 21	4 48	3 27
T 23	9 54	6 43	4 41	5 56	3 41	12 13	7 1	6 30	0 53	9 21	1 4	14 53	1 59	7 28	0 44	0 37	1 40	27 22	7 53	23 22	23 19	20 22	4 47	3 27
W24	9 33	1 13	4 59	6 31	3 28	12 21	6 52	6 15	0 53	9 16	1 4	14 55	1 58	7 26	0 44	0 38	1 40	27 22	7 53	23 22	23 18	20 23	4 47	3 27
T 25	9 11	4n25	4 59	7 6	3 13	12 28	6 44	5 59	0 52	9 11	1 4	14 56	1 58	7 25	0 44	0 38	1 40	27 22	7 53	23 21	23 18	20 24	4 46	3 27
F 26	8 49	9 52	4 40	7 42	2 56	12 36	6 35	5 43	0 52	9 6	1 4	14 57	1 58	7 23	0 44	0 39	1 40	27 22	7 53	23 20	23 18	20 25	4 45	3 27
S 27	8 27	14 47	4 4	8 18	2 38	12 42	6 26	5 28	0 52	9 1	1 4	14 59	1 58	7 22	0 44	0 39	1 40	27 22	7 53	23 20	23 18	20 26	4 44	3 27
S 28	8 5	18 50	3 12	8 52	2 20	12 49	6 17	5 12	0 51	8 56	1 4	15 0	1 57	7 20	0 44	0 40	1 40	27 23	7 53	23 20	23 18	20 27	4 43	3 27
M29	7 43	21 42	2 8	9 24	2 0	12 55	6 7	4 56	0 51	8 52	1 4	15 1	1 57	7 19	0 44	0 41	1 40	27 23	7 53	23 20	23 17	20 28	4 42	3 27
T 30	7 21	23 11	0 57	9 54	1 41	13 0	5 58	4 40	0 50	8 47	1 4	15 3	1 57	7 17	0 44	0 41	1 40	27 23	7 53	23 19	23 17	20 29	4 41	3 27
W31	6n58	23n12	0s17	10n21	1s21	13n 6	5s49	4n25	0n50	8n42	1n 4	15s 4	1n57	7n16	0n44	0s42	1s40	27s23	7s53	23s19	23s17	20s31	4n40	3n27

Julian Day Number = 2102225.5, Delta T = 21m07s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'31, Lahiri = 10°31'32 Julian Calendar 1 Aug. 1043 == Greg. Calendar 7 Aug. 1043

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1043
geocentric

SEPTEMBER 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 0 53	13♍18'30	9♋ 1	29°R32	6♌54	21♍30	10♍38	16♏51	13♍22	2°R 2	2°R23	22°R 4	21♐23	20♏34	3°R43	T 1
F 2	23 4 49	14°17'14	22°38	29°D27	7°15	22°10	10°50	16°55	13°26	2♈ 1	2♒22	22♐ 1	21°19	20°40	3♈41	F 2
S 3	23 8 46	15°16'00	6♌ 5	29♌32	7°37	22°49	11° 3	16°59	13°30	1°59	2°21	21°56	21°16	20°47	3°38	S 3
S 4	23 12 42	16°14'49	19°21	29°47	8° 1	23°28	11°16	17° 4	13°34	1°58	2°20	21°47	21°13	20°54	3°36	S 4
M 5	23 16 39	17°13'39	2♍26	0♍12	8°27	24° 8	11°29	17° 8	13°37	1°56	2°19	21°36	21°10	21° 0	3°33	M 5
T 6	23 20 35	18°12'32	15°18	0°46	8°54	24°47	11°42	17°13	13°41	1°55	2°18	21°23	21° 7	21° 7	3°30	T 6
W 7	23 24 32	19°11'26	27°58	1°28	9°23	25°27	11°55	17°18	13°45	1°53	2°18	21° 9	21° 4	21°14	3°28	W 7
T 8	23 28 29	20°10'23	10♎23	2°20	9°53	26° 6	12° 8	17°23	13°49	1°51	2°17	20°56	21° 0	21°20	3°25	T 8
F 9	23 32 25	21° 9'22	22°37	3°19	10°25	26°45	12°21	17°27	13°53	1°50	2°16	20°45	20°57	21°27	3°22	F 9
S 10	23 36 22	22° 8'22	4♏38	4°25	10°59	27°25	12°34	17°32	13°56	1°48	2°15	20°36	20°54	21°34	3°20	S 10
S 11	23 40 18	23° 7'25	16°31	5°37	11°33	28° 5	12°47	17°37	14° 0	1°46	2°14	20°29	20°51	21°40	3°17	S 11
M12	23 44 15	24° 6'29	28°20	6°56	12° 9	28°44	13° 0	17°42	14° 4	1°45	2°14	20°26	20°48	21°47	3°14	M12
T 13	23 48 11	25° 5'35	10♐ 7	8°19	12°47	29°24	13°13	17°48	14° 8	1°43	2°13	20°24	20°45	21°54	3°12	T 13
W14	23 52 8	26° 4'44	21°59	9°46	13°25	0♎ 4	13°26	17°53	14°11	1°41	2°12	20°24	20°41	22° 0	3° 9	W14
T 15	23 56 4	27° 3'54	4♑ 2	11°18	14° 5	0°43	13°39	17°58	14°15	1°40	2°12	20°24	20°38	22° 7	3° 6	T 15
F 16	0 0 1	28° 3'05	16°20	12°52	14°46	1°23	13°51	18° 3	14°19	1°38	2°11	20°23	20°35	22°14	3° 4	F 16
S 17	0 3 58	29° 2'19	28°59	14°29	15°28	2° 3	14° 4	18° 9	14°22	1°36	2°10	20°20	20°32	22°20	3° 1	S 17
S 18	0 7 54	0♎ 1'34	12♒ 2	16° 8	16°11	2°43	14°17	18°14	14°26	1°35	2°10	20°14	20°29	22°27	2°58	S 18
M19	0 11 51	1° 0'52	25°33	17°49	16°55	3°23	14°30	18°20	14°30	1°33	2° 9	20° 6	20°25	22°34	2°55	M19
T 20	0 15 47	2° 0'11	9♓31	19°31	17°40	4° 2	14°42	18°25	14°33	1°31	2° 9	19°56	20°22	22°40	2°53	T 20
W21	0 19 44	2°59'32	23°53	21°14	18°26	4°42	14°55	18°31	14°37	1°30	2° 8	19°45	20°19	22°47	2°50	W21
T 22	0 23 40	3°58'55	8♈33	22°57	19°13	5°22	15° 8	18°36	14°41	1°28	2° 8	19°33	20°16	22°54	2°47	T 22
F 23	0 27 37	4°58'20	23°24	24°41	20° 1	6° 2	15°20	18°42	14°44	1°26	2° 7	19°23	20°13	23° 0	2°45	F 23
S 24	0 31 33	5°57'47	8♉17	26°26	20°49	6°42	15°33	18°48	14°48	1°25	2° 7	19°16	20°10	23° 7	2°42	S 24
S 25	0 35 30	6°57'17	23° 3	28°10	21°39	7°23	15°45	18°54	14°51	1°23	2° 6	19°11	20° 6	23°14	2°39	S 25
M26	0 39 27	7°56'49	7♊37	29°55	22°29	8° 3	15°58	19° 0	14°55	1°21	2° 6	19° 9	20° 3	23°20	2°36	M26
T 27	0 43 23	8°56'24	21°55	1♎39	23°20	8°43	16°10	19° 6	14°59	1°20	2° 5	19°D 8	20° 0	23°27	2°34	T 27
W28	0 47 20	9°56'01	5♋54	3°23	24°12	9°23	16°23	19°12	15° 2	1°18	2° 5	19°R 8	19°57	23°34	2°31	W28
T 29	0 51 16	10°55'40	19°36	5° 6	25° 4	10° 3	16°35	19°18	15° 6	1°16	2° 5	19° 8	19°54	23°40	2°28	T 29
F 30	0 55 13	11♎55'21	3♌ 1	6♎50	25♌58	10♎44	16♍48	19♏24	15♍ 9	1♈15	2♒ 4	19♐ 6	19♐51	23♏47	2♈26	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n36	21n47	1s28	10n44	1s 1	13n10	5s39	4n 9	0n50	8n37	1n 4	15s 5	1n57	7n14	0n44	0s43	1s40	27s23	7s53	23s19	23s17	20s32	4n39	3n27
F 2	6 13	19 7	2 34	11 4	0 42	13 15	5 29	3 53	0 49	8 32	1 4	15 7	1 56	7 13	0 44	0 43	1 40	27 23	7 52	23 19	23 17	20 33	4 38	3 27
S 3	5 50	15 27	3 30	11 19	0 24	13 18	5 20	3 37	0 49	8 27	1 4	15 8	1 56	7 11	0 44	0 44	1 40	27 24	7 52	23 19	23 16	20 34	4 37	3 27
S 4	5 27	11 4	4 14	11 30	0 6	13 22	5 10	3 21	0 48	8 22	1 4	15 10	1 56	7 10	0 44	0 45	1 40	27 24	7 52	23 18	23 16	20 35	4 36	3 27
M 5	5 4	6 15	4 44	11 37	0n10	13 24	5 1	3 5	0 48	8 17	1 5	15 11	1 56	7 9	0 44	0 45	1 40	27 24	7 52	23 18	23 16	20 36	4 35	3 27
T 6	4 41	1 14	4 58	11 40	0 26	13 27	4 51	2 49	0 47	8 12	1 5	15 13	1 56	7 7	0 44	0 46	1 40	27 24	7 52	23 17	23 16	20 37	4 34	3 27
W 7	4 18	3s44	4 58	11 38	0 40	13 28	4 41	2 32	0 47	8 7	1 5	15 14	1 55	7 6	0 44	0 47	1 40	27 24	7 52	23 16	23 16	20 38	4 33	3 27
T 8	3 55	8 28	4 43	11 31	0 53	13 30	4 32	2 16	0 47	8 2	1 5	15 16	1 55	7 4	0 44	0 47	1 40	27 24	7 52	23 15	23 15	20 39	4 32	3 27
F 9	3 31	12 47	4 16	11 21	1 5	13 30	4 22	2 0	0 46	7 57	1 5	15 17	1 55	7 3	0 44	0 48	1 40	27 24	7 52	23 14	23 15	20 40	4 31	3 27
S 10	3 8	16 32	3 37	11 6	1 15	13 31	4 13	1 44	0 46	7 52	1 5	15 19	1 55	7 1	0 44	0 49	1 40	27 24	7 52	23 14	23 15	20 41	4 30	3 27
S 11	2 45	19 34	2 49	10 48	1 24	13 30	4 3	1 28	0 45	7 48	1 5	15 21	1 55	7 0	0 44	0 49	1 40	27 24	7 52	23 13	23 15	20 42	4 29	3 27
M12	2 21	21 45	1 54	10 26	1 32	13 29	3 54	1 11	0 45	7 43	1 5	15 22	1 54	6 58	0 44	0 50	1 40	27 24	7 52	23 13	23 14	20 43	4 27	3 27
T 13	1 58	22 59	0 54	10 1	1 39	13 28	3 45	0 55	0 44	7 38	1 5	15 24	1 54	6 57	0 44	0 51	1 40	27 25	7 51	23 13	23 14	20 44	4 26	3 27
W14	1 34	23 11	0n 8	9 33	1 44	13 26	3 36	0 39	0 44	7 33	1 5	15 25	1 54	6 56	0 44	0 51	1 40	27 25	7 51	23 13	23 14	20 45	4 25	3 27
T 15	1 10	22 18	1 12	9 2	1 48	13 24	3 27	0 23	0 44	7 28	1 5	15 27	1 54	6 54	0 44	0 52	1 40	27 25	7 51	23 13	23 14	20 46	4 24	3 27
F 16	0 47	20 22	2 13	8 29	1 52	13 20	3 17	0 6	0 43	7 23	1 5	15 29	1 54	6 53	0 44	0 53	1 40	27 25	7 51	23 13	23 14	20 47	4 23	3 27
S 17	0 23	17 23	3 9	7 54	1 54	13 17	3 9	0s10	0 43	7 18	1 5	15 30	1 53	6 51	0 44	0 53	1 40	27 25	7 51	23 12	23 13	20 48	4 22	3 27
S 18	0s 1	13 28	3 58	7 16	1 56	13 13	3 0	0 26	0 42	7 13	1 5	15 32	1 53	6 50	0 44	0 54	1 40	27 25	7 51	23 12	23 13	20 49	4 21	3 27
M19	0 24	8 46	4 35	6 37	1 56	13 8	2 51	0 43	0 42	7 8	1 5	15 34	1 53	6 48	0 44	0 55	1 40	27 25	7 51	23 11	23 13	20 50	4 20	3 27
T 20	0 48	3 28	4 56	5 57	1 56	13 3	2 42	0 59	0 41	7 4	1 6	15 35	1 53	6 47	0 44	0 55	1 40	27 25	7 51	23 11	23 13	20 51	4 18	3 27
W21	1 12	2n 9	5 1	5 15	1 55	12 57	2 34	1 15	0 41	6 59	1 6	15 37	1 53	6 46	0 44	0 56	1 40	27 25	7 50	23 10	23 12	20 52	4 17	3 27
T 22	1 35	7 46	4 45	4 33	1 53	12 50	2 25	1 32	0 40	6 54	1 6	15 39	1 53	6 44	0 44	0 57	1 40	27 25	7 50	23 9	23 12	20 53	4 16	3 27
F 23	1 59	13 1	4 10	3 49	1 51	12 43	2 17	1 48	0 40	6 49	1 6	15 41	1 52	6 43	0 44	0 57	1 40	27 25	7 50	23 8	23 12	20 54	4 15	3 26
S 24	2 23	17 28	3 19	3 5	1 48	12 36	2 9	2 4	0 39	6 44	1 6	15 42	1 52	6 41	0 44	0 58	1 40	27 25	7 50	23 8	23 12	20 55	4 14	3 26
S 25	2 46	20 47	2 14	2 20	1 45	12 28	2 0	2 21	0 39	6 39	1 6	15 44	1 52	6 40	0 44	0 59	1 40	27 25	7 50	23 7	23 12	20 56	4 13	3 26
M26	3 10	22 42	1 1	1 35	1 41	12 19	1 52	2 37	0 39	6 35	1 6	15 46	1 52	6 39	0 44	0 59	1 40	27 25	7 50	23 7	23 11	20 57	4 12	3 26
T 27	3 34	23 4	0s15	0 50	1 37	12 10	1 44	2 53	0 38	6 30	1 6	15 48	1 52	6 37	0 44	1 0	1 40	27 25	7 50	23 7	23 11	20 58	4 10	3 26
W28	3 57	21 58	1 28	0 4	1 33	12 0	1 37	3 10	0 38	6 25	1 6	15 49	1 52	6 36	0 44	1 1	1 40	27 25	7 50	23 7	23 11	20 59	4 9	3 26
T 29	4 21	19 34	2 35	0s42	1 28	11 50	1 29	3 26	0 37	6 20	1 6	15 51	1 52	6 35	0 44	1 1	1 40	27 25	7 49	23 7	23 11	21 0	4 8	3 26
F 30	4s44	16n 9	3s31	1s27	1n23	11n39	1s21	3s42	0n37	6n16	1n 6	15s53	1n51	6n33	0n44	1s 2	1s40	27s25	7s49	23s 7	23s10	21s 0	4n 7	3n26

Julian Day Number = 2102256.5, Delta T = 21m07s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'36, Lahiri = 10°31'36 Julian Calendar 1 Sept. 1043 == Greg. Calendar 7 Sept. 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

OCTOBER 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 59 9	12♎55'05	16♌12	8♎32	26♌52	11♎24	17♍ 0	19♏30	15♍13	1°R13	2°R 4	19°R 2	19♐47	23♏54	2°R23	S 1
S 2	1 3 6	13°54'51	29° 9	10°15	27°46	12° 4	17°12	19°36	15°16	1♈11	2♒ 4	18♐55	19°44	24° 0	2♈20	S 2
M 3	1 7 2	14°54'39	11♍53	11°56	28°41	12°45	17°25	19°42	15°19	1°10	2° 4	18°45	19°41	24° 7	2°18	M 3
T 4	1 10 59	15°54'30	24°27	13°38	29°37	13°25	17°37	19°48	15°23	1° 8	2° 4	18°34	19°38	24°13	2°15	T 4
W 5	1 14 55	16°54'22	6♎50	15°18	0♍33	14° 6	17°49	19°55	15°26	1° 7	2° 3	18°22	19°35	24°20	2°12	W 5
T 6	1 18 52	17°54'17	19° 3	16°58	1°30	14°46	18° 1	20° 1	15°30	1° 5	2° 3	18°10	19°31	24°27	2°10	T 6
F 7	1 22 49	18°54'13	1♏ 6	18°38	2°28	15°27	18°13	20° 7	15°33	1° 3	2° 3	18° 0	19°28	24°33	2° 7	F 7
S 8	1 26 45	19°54'12	13° 2	20°17	3°26	16° 8	18°25	20°14	15°36	1° 2	2° 3	17°52	19°25	24°40	2° 4	S 8
S 9	1 30 42	20°54'12	24°51	21°56	4°24	16°48	18°37	20°20	15°39	1° 0	2° 3	17°47	19°22	24°47	2° 2	S 9
M10	1 34 38	21°54'14	6♐38	23°34	5°23	17°29	18°49	20°27	15°43	0°59	2°D 3	17°44	19°19	24°53	1°59	M10
T 11	1 38 35	22°54'18	18°24	25°11	6°23	18°10	19° 1	20°33	15°46	0°57	2° 3	17°D43	19°16	25° 0	1°57	T 11
W12	1 42 31	23°54'24	0♑15	26°48	7°22	18°51	19°13	20°40	15°49	0°56	2° 3	17°44	19°12	25° 7	1°54	W12
T 13	1 46 28	24°54'31	12°16	28°25	8°23	19°31	19°24	20°46	15°52	0°54	2° 3	17°45	19° 9	25°13	1°52	T 13
F 14	1 50 24	25°54'40	24°31	0♏ 1	9°23	20°12	19°36	20°53	15°55	0°53	2° 3	17°R46	19° 6	25°20	1°49	F 14
S 15	1 54 21	26°54'51	7♒ 5	1°37	10°25	20°53	19°48	21° 0	15°58	0°51	2° 3	17°45	19° 3	25°27	1°47	S 15
S 16	1 58 18	27°55'03	20° 4	3°12	11°26	21°34	19°59	21° 6	16° 1	0°50	2° 3	17°43	19° 0	25°33	1°45	S 16
M17	2 2 14	28°55'16	3♓31	4°47	12°28	22°15	20°11	21°13	16° 5	0°48	2° 4	17°38	18°56	25°40	1°42	M17
T 18	2 6 11	29°55'31	17°28	6°21	13°30	22°56	20°22	21°20	16° 8	0°47	2° 4	17°32	18°53	25°47	1°40	T 18
W19	2 10 7	0♏55'48	1♈53	7°55	14°33	23°37	20°33	21°27	16°10	0°45	2° 4	17°25	18°50	25°53	1°38	W19
T 20	2 14 4	1°56'06	16°41	9°29	15°36	24°18	20°45	21°33	16°13	0°44	2° 4	17°17	18°47	26° 0	1°35	T 20
F 21	2 18 0	2°56'26	1♉46	11° 3	16°40	24°59	20°56	21°40	16°16	0°43	2° 4	17°11	18°44	26° 7	1°33	F 21
S 22	2 21 57	3°56'48	16°58	12°36	17°43	25°41	21° 7	21°47	16°19	0°41	2° 5	17° 6	18°41	26°13	1°31	S 22
S 23	2 25 53	4°57'11	2♊ 5	14° 8	18°48	26°22	21°18	21°54	16°22	0°40	2° 5	17° 3	18°37	26°20	1°29	S 23
M24	2 29 50	5°57'37	17° 1	15°41	19°52	27° 3	21°29	22° 1	16°25	0°39	2° 5	17°D 2	18°34	26°27	1°27	M24
T 25	2 33 47	6°58'04	1♋37	17°13	20°57	27°45	21°40	22° 8	16°27	0°37	2° 6	17° 3	18°31	26°33	1°25	T 25
W26	2 37 43	7°58'33	15°50	18°45	22° 2	28°26	21°51	22°15	16°30	0°36	2° 6	17° 4	18°28	26°40	1°22	W26
T 27	2 41 40	8°59'04	29°39	20°16	23° 7	29° 7	22° 1	22°22	16°33	0°35	2° 7	17° 5	18°25	26°47	1°20	T 27
F 28	2 45 36	9°59'37	13♌ 5	21°47	24°13	29°49	22°12	22°29	16°35	0°34	2° 7	17°R 6	18°22	26°53	1°18	F 28
S 29	2 49 33	11° 0'12	26°11	23°18	25°19	0♏30	22°23	22°36	16°38	0°33	2° 8	17° 4	18°18	27° 0	1°16	S 29
S 30	2 53 29	12° 0'49	8♍58	24°49	26°25	1°12	22°33	22°42	16°41	0°31	2° 8	17° 2	18°15	27° 7	1°15	S 30
M31	2 57 26	13♏ 1'27	21♍30	26♏19	27♍31	1♏53	22♍43	22♏50	16♍43	0♈30	2♒ 9	16♐57	18♐12	27♏13	1♈13	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	5s 8	12n 0	4s15	2s13	1n18	11n28	1s14	3s59	0n36	6n11	1n 7	15s55	1n51	6n32	0n44	1s 3	1s40	27s24	7s49	23s 6	23s10	21s 1	4n 6	3n26	S 1
S 2	5 31	7 22	4 46	2 58	1 12	11 16	1 7	4 15	0 36	6 6	1 7	15 56	1 51	6 31	0 44	1 3	1 40	27 24	7 49	23 6	23 10	21 2	4 5	3 26	S 2
M 3	5 54	2 30	5 1	3 44	1 6	11 4	1 0	4 31	0 35	6 1	1 7	15 58	1 51	6 29	0 44	1 4	1 40	27 24	7 49	23 5	23 10	21 3	4 3	3 26	M 3
T 4	6 17	2s24	5 2	4 29	1 0	10 51	0 52	4 48	0 35	5 57	1 7	16 0	1 51	6 28	0 44	1 5	1 40	27 24	7 49	23 4	23 9	21 4	4 2	3 26	T 4
W 5	6 41	7 8	4 48	5 13	0 54	10 37	0 46	5 4	0 34	5 52	1 7	16 2	1 51	6 27	0 44	1 5	1 40	27 24	7 49	23 3	23 9	21 5	4 1	3 25	W 5
T 6	7 4	11 31	4 21	5 58	0 48	10 24	0 39	5 20	0 34	5 47	1 7	16 4	1 51	6 25	0 44	1 6	1 40	27 24	7 48	23 2	23 9	21 6	4 0	3 25	T 6
F 7	7 26	15 24	3 43	6 42	0 42	10 9	0 32	5 36	0 33	5 43	1 7	16 6	1 50	6 24	0 44	1 6	1 40	27 24	7 48	23 1	23 9	21 7	3 59	3 25	F 7
S 8	7 49	18 36	2 55	7 25	0 35	9 54	0 25	5 52	0 33	5 38	1 7	16 7	1 50	6 23	0 44	1 7	1 40	27 24	7 48	23 0	23 8	21 8	3 58	3 25	S 8
S 9	8 12	21 1	2 0	8 9	0 29	9 39	0 19	6 8	0 32	5 34	1 7	16 9	1 50	6 22	0 44	1 8	1 40	27 24	7 48	23 0	23 8	21 8	3 57	3 25	S 9
M10	8 35	22 30	0 59	8 51	0 22	9 23	0 13	6 25	0 32	5 29	1 8	16 11	1 50	6 20	0 44	1 8	1 40	27 24	7 48	23 0	23 8	21 9	3 55	3 25	M10
T 11	8 57	23 0	0n 4	9 33	0 15	9 7	0 7	6 41	0 31	5 24	1 8	16 13	1 50	6 19	0 44	1 9	1 40	27 23	7 48	23 0	23 8	21 10	3 54	3 25	T 11
W12	9 19	22 27	1 7	10 15	0 9	8 50	0 0	6 57	0 31	5 20	1 8	16 15	1 50	6 18	0 44	1 9	1 40	27 23	7 48	23 0	23 7	21 11	3 53	3 25	W12
T 13	9 42	20 52	2 8	10 56	0 2	8 33	0n 5	7 13	0 30	5 15	1 8	16 17	1 50	6 17	0 44	1 10	1 40	27 23	7 47	23 0	23 7	21 12	3 52	3 24	T 13
F 14	10 4	18 18	3 5	11 36	0s 5	8 16	0 11	7 29	0 30	5 11	1 8	16 18	1 50	6 16	0 44	1 11	1 40	27 23	7 47	23 0	23 7	21 13	3 51	3 24	F 14
S 15	10 25	14 49	3 54	12 16	0 11	7 58	0 17	7 45	0 29	5 6	1 8	16 20	1 49	6 14	0 44	1 11	1 40	27 23	7 47	23 0	23 7	21 14	3 50	3 24	S 15
S 16	10 47	10 32	4 34	12 55	0 18	7 39	0 22	8 1	0 29	5 2	1 8	16 22	1 49	6 13	0 44	1 12	1 40	27 23	7 47	22 59	23 6	21 14	3 49	3 24	S 16
M17	11 9	5 37	4 59	13 34	0 24	7 21	0 28	8 16	0 28	4 58	1 9	16 24	1 49	6 12	0 44	1 12	1 40	27 22	7 47	22 59	23 6	21 15	3 48	3 24	M17
T 18	11 30	0 15	5 8	14 12	0 31	7 1	0 33	8 32	0 28	4 53	1 9	16 26	1 49	6 11	0 44	1 13	1 40	27 22	7 47	22 59	23 6	21 16	3 47	3 24	T 18
W19	11 51	5n19	4 59	14 49	0 38	6 42	0 38	8 48	0 27	4 49	1 9	16 28	1 49	6 10	0 44	1 13	1 40	27 22	7 47	22 58	23 5	21 17	3 46	3 24	W19
T 20	12 12	10 44	4 29	15 25	0 44	6 22	0 43	9 4	0 27	4 45	1 9	16 30	1 49	6 9	0 44	1 14	1 40	27 22	7 46	22 57	23 5	21 18	3 45	3 23	T 20
F 21	12 33	15 36	3 40	16 1	0 50	6 2	0 48	9 19	0 26	4 40	1 9	16 31	1 49	6 8	0 44	1 14	1 40	27 22	7 46	22 56	23 5	21 18	3 44	3 23	F 21
S 22	12 54	19 29	2 36	16 36	0 57	5 41	0 53	9 35	0 25	4 36	1 9	16 33	1 49	6 6	0 44	1 15	1 40	27 21	7 46	22 56	23 5	21 19	3 42	3 23	S 22
S 23	13 14	22 0	1 20	17 10	1 3	5 20	0 57	9 50	0 25	4 32	1 9	16 35	1 49	6 5	0 44	1 15	1 40	27 21	7 46	22 56	23 4	21 20	3 41	3 23	S 23
M24	13 35	22 56	0 0	17 43	1 9	4 59	1 2	10 6	0 24	4 28	1 10	16 37	1 49	6 4	0 45	1 16	1 40	27 21	7 46	22 56	23 4	21 21	3 40	3 23	M24
T 25	13 55	22 15	1s19	18 15	1 15	4 37	1 6	10 21	0 24	4 23	1 10	16 39	1 48	6 3	0 45	1 16	1 40	27 21	7 46	22 56	23 4	21 22	3 39	3 23	T 25
W26	14 14	20 8	2 30	18 47	1 21	4 15	1 10	10 37	0 23	4 19	1 10	16 41	1 48	6 2	0 45	1 17	1 40	27 20	7 46	22 56	23 4	21 22	3 38	3 22	W26
T 27	14 34	16 53	3 31	19 17	1 26	3 53	1 14	10 52	0 23	4 15	1 10	16 43	1 48	6 1	0 45	1 17	1 40	27 20	7 45	22 56	23 3	21 23	3 37	3 22	T 27
F 28	14 53	12 50	4 19	19 47	1 32	3 31	1 18	11 7	0 22	4 11	1 10	16 44	1 48	6 0	0 45	1 18	1 40	27 20	7 45	22 56	23 3	21 24	3 37	3 22	F 28
S 29	15 12	8 17	4 52	20 16	1 37	3 8	1 22	11 22	0 22	4 7	1 10	16 46	1 48	5 59	0 45	1 18	1 40	27 20	7 45	22 56	23 3	21 25	3 36	3 22	S 29
S 30	15 31	3 29	5 9	20 43	1 42	2 45	1 26	11 37	0 21	4 3	1 11	16 48	1 48	5 58	0 45	1 19	1 40	27 19	7 45	22 56	23 2	21 25	3 35	3 22	S 30
M31	15s50	1s22	5s11	21s10	1s47	2n21	1n29	11s52	0n21	3n59	1n11	16s50	1n48	5n57	0n45	1s19	1s39	27s19	7s45	22s55	23s 2	21s26	3n34	3n22	M31

Julian Day Number = 2102286.5, Delta T = 21m07s
Ecliptic obliquity = 23°33'47, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'40, Lahiri = 10°31'40 Julian Calendar 1 Oct. 1043 == Greg. Calendar 7 Oct. 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

NOVEMBER 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 1 22	14♏ 2'07	3♎49	27♏50	28♍38	2♏35	22♍54	22♏57	16♍46	0°R29	2♒ 9	16°R52	18♐ 9	27♏20	1°R11	T 1
W 2	3 5 19	15° 2'49	15°58	29°19	29°45	3°17	23° 4	23° 4	16°48	0♈28	2°10	16♐46	18° 6	27°27	1♈ 9	W 2
T 3	3 9 16	16° 3'32	27°59	0♐49	0♎52	3°58	23°14	23°11	16°50	0°27	2°11	16°40	18° 2	27°33	1° 7	T 3
F 4	3 13 12	17° 4'17	9♏53	2°18	1°59	4°40	23°24	23°18	16°53	0°26	2°11	16°35	17°59	27°40	1° 6	F 4
S 5	3 17 9	18° 5'03	21°44	3°46	3° 7	5°22	23°34	23°25	16°55	0°25	2°12	16°31	17°56	27°46	1° 4	S 5
S 6	3 21 5	19° 5'51	3♐31	5°14	4°15	6° 4	23°44	23°32	16°57	0°24	2°13	16°29	17°53	27°53	1° 2	S 6
M 7	3 25 2	20° 6'40	15°18	6°42	5°23	6°46	23°54	23°39	16°59	0°23	2°13	16°D28	17°50	28° 0	1° 1	M 7
T 8	3 28 58	21° 7'30	27° 7	8° 9	6°31	7°28	24° 3	23°46	17° 2	0°22	2°14	16°28	17°47	28° 6	0°59	T 8
W 9	3 32 55	22° 8'21	9♑ 1	9°36	7°39	8°10	24°13	23°53	17° 4	0°21	2°15	16°30	17°43	28°13	0°58	W 9
T 10	3 36 51	23° 9'13	21° 4	11° 1	8°48	8°52	24°22	24° 0	17° 6	0°20	2°16	16°31	17°40	28°20	0°56	T 10
F 11	3 40 48	24°10'06	3♒20	12°26	9°57	9°34	24°31	24° 7	17° 8	0°19	2°17	16°33	17°37	28°26	0°55	F 11
S 12	3 44 45	25°11'00	15°52	13°50	11° 6	10°16	24°41	24°14	17°10	0°19	2°17	16°34	17°34	28°33	0°53	S 12
S 13	3 48 41	26°11'55	28°45	15°12	12°15	10°58	24°50	24°21	17°12	0°18	2°18	16°R34	17°31	28°40	0°52	S 13
M14	3 52 38	27°12'51	12♓ 3	16°33	13°24	11°40	24°59	24°28	17°14	0°17	2°19	16°34	17°28	28°46	0°51	M14
T 15	3 56 34	28°13'47	25°49	17°53	14°34	12°22	25° 8	24°36	17°15	0°16	2°20	16°32	17°24	28°53	0°50	T 15
W16	4 0 31	29°14'44	10♈ 2	19°11	15°43	13° 4	25°16	24°43	17°17	0°16	2°21	16°30	17°21	29° 0	0°49	W16
T 17	4 4 27	0♐15'42	24°41	20°27	16°53	13°47	25°25	24°50	17°19	0°15	2°22	16°28	17°18	29° 6	0°48	T 17
F 18	4 8 24	1°16'41	9♉40	21°40	18° 3	14°29	25°33	24°57	17°21	0°14	2°23	16°26	17°15	29°13	0°46	F 18
S 19	4 12 20	2°17'41	24°53	22°50	19°13	15°11	25°42	25° 4	17°22	0°14	2°24	16°24	17°12	29°20	0°45	S 19
S 20	4 16 17	3°18'41	10♊ 8	23°58	20°23	15°54	25°50	25°11	17°24	0°13	2°25	16°D24	17° 8	29°26	0°45	S 20
M21	4 20 14	4°19'42	25°17	25° 1	21°34	16°36	25°58	25°18	17°25	0°13	2°26	16°24	17° 5	29°33	0°44	M21
T 22	4 24 10	5°20'45	10♋10	26° 0	22°44	17°19	26° 6	25°25	17°27	0°12	2°27	16°24	17° 2	29°40	0°43	T 22
W23	4 28 7	6°21'48	24°40	26°55	23°55	18° 1	26°14	25°32	17°28	0°12	2°29	16°25	16°59	29°46	0°42	W23
T 24	4 32 3	7°22'53	8♌44	27°43	25° 5	18°44	26°22	25°39	17°29	0°11	2°30	16°26	16°56	29°53	0°41	T 24
F 25	4 36 0	8°23'58	22°20	28°26	26°16	19°27	26°29	25°46	17°31	0°11	2°31	16°27	16°53	29°59	0°41	F 25
S 26	4 39 56	9°25'04	5♍31	29° 1	27°27	20° 9	26°37	25°53	17°32	0°11	2°32	16°R27	16°49	0♐ 6	0°40	S 26
S 27	4 43 53	10°26'11	18°19	29°27	28°38	20°52	26°44	26° 0	17°33	0°10	2°33	16°27	16°46	0°13	0°39	S 27
M28	4 47 49	11°27'19	0♎47	29°45	29°50	21°35	26°52	26° 7	17°34	0°10	2°34	16°27	16°43	0°20	0°39	M28
T 29	4 51 46	12°28'28	12°59	29°R53	1♏ 1	22°18	26°59	26°14	17°35	0°10	2°36	16°26	16°40	0°26	0°38	T 29
W30	4 55 43	13♐29'37	25♎ 0	29♐51	2♏13	23♏ 0	27♍ 6	26♏21	17♍36	0♈ 9	2♒37	16♐26	16♐37	0♐33	0♈38	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s 8	6s 5	4s58	21s36	1s52	1n58	1n33	12s 7	0n20	3n55	1n11	16s52	1n48	5n56	0n45	1s20	1s39	27s19	7s45	22s55	23s 2	21s27	3n33	3n21
W 2	16 26	10 30	4 33	22 0	1 56	1 34	1 36	12 22	0 19	3 51	1 11	16 54	1 48	5 55	0 45	1 20	1 39	27 19	7 45	22 54	23 2	21 28	3 32	3 21
T 3	16 44	14 28	3 55	22 23	2 1	1 10	1 39	12 37	0 19	3 47	1 11	16 55	1 48	5 55	0 45	1 20	1 39	27 18	7 44	22 53	23 1	21 28	3 31	3 21
F 4	17 1	17 49	3 7	22 46	2 4	0 46	1 42	12 51	0 18	3 44	1 11	16 57	1 48	5 54	0 45	1 21	1 39	27 18	7 44	22 53	23 1	21 29	3 30	3 21
S 5	17 18	20 25	2 12	23 7	2 8	0 22	1 45	13 6	0 18	3 40	1 12	16 59	1 48	5 53	0 45	1 21	1 39	27 18	7 44	22 53	23 1	21 30	3 29	3 21
S 6	17 35	22 7	1 11	23 26	2 11	0s 3	1 48	13 20	0 17	3 36	1 12	17 1	1 48	5 52	0 45	1 21	1 39	27 17	7 44	22 52	23 0	21 30	3 29	3 20
M 7	17 52	22 51	0 6	23 45	2 15	0 27	1 51	13 35	0 17	3 32	1 12	17 3	1 48	5 51	0 45	1 22	1 39	27 17	7 44	22 52	23 0	21 31	3 28	3 20
T 8	18 8	22 33	0n58	24 2	2 17	0 52	1 53	13 49	0 16	3 29	1 12	17 5	1 47	5 50	0 45	1 22	1 39	27 17	7 44	22 52	23 0	21 32	3 27	3 20
W 9	18 24	21 14	2 1	24 18	2 19	1 17	1 55	14 3	0 15	3 25	1 12	17 6	1 47	5 50	0 45	1 22	1 39	27 17	7 44	22 52	23 0	21 33	3 26	3 20
T 10	18 39	18 57	3 0	24 33	2 21	1 42	1 58	14 17	0 15	3 21	1 13	17 8	1 47	5 49	0 45	1 23	1 39	27 16	7 44	22 53	22 59	21 33	3 25	3 20
F 11	18 55	15 46	3 51	24 46	2 23	2 7	2 0	14 31	0 14	3 18	1 13	17 10	1 47	5 48	0 45	1 23	1 39	27 16	7 43	22 53	22 59	21 34	3 25	3 19
S 12	19 10	11 50	4 32	24 57	2 24	2 33	2 2	14 45	0 14	3 14	1 13	17 12	1 47	5 47	0 45	1 23	1 39	27 16	7 43	22 53	22 59	21 35	3 24	3 19
S 13	19 24	7 16	5 1	25 7	2 24	2 58	2 4	14 59	0 13	3 11	1 13	17 13	1 47	5 47	0 45	1 24	1 39	27 15	7 43	22 53	22 58	21 35	3 23	3 19
M14	19 38	2 13	5 15	25 16	2 24	3 24	2 5	15 13	0 12	3 8	1 13	17 15	1 47	5 46	0 45	1 24	1 39	27 15	7 43	22 53	22 58	21 36	3 22	3 19
T 15	19 52	3n 6	5 12	25 23	2 23	3 49	2 7	15 26	0 12	3 4	1 14	17 17	1 47	5 45	0 45	1 24	1 39	27 15	7 43	22 53	22 58	21 37	3 22	3 18
W16	20 6	8 26	4 50	25 29	2 22	4 15	2 8	15 40	0 11	3 1	1 14	17 19	1 47	5 45	0 45	1 24	1 39	27 14	7 43	22 52	22 57	21 37	3 21	3 18
T 17	20 19	13 28	4 9	25 33	2 20	4 40	2 10	15 53	0 11	2 58	1 14	17 20	1 47	5 44	0 45	1 25	1 39	27 14	7 43	22 52	22 57	21 38	3 21	3 18
F 18	20 31	17 47	3 10	25 35	2 17	5 6	2 11	16 6	0 10	2 55	1 14	17 22	1 47	5 43	0 45	1 25	1 39	27 13	7 43	22 52	22 57	21 39	3 20	3 18
S 19	20 44	20 58	1 57	25 36	2 14	5 31	2 12	16 19	0 9	2 51	1 14	17 24	1 47	5 43	0 45	1 25	1 39	27 13	7 42	22 52	22 57	21 39	3 19	3 18
S 20	20 56	22 39	0 35	25 35	2 9	5 57	2 13	16 32	0 9	2 48	1 15	17 26	1 47	5 42	0 45	1 25	1 39	27 13	7 42	22 52	22 56	21 40	3 19	3 17
M21	21 7	22 40	0s49	25 32	2 4	6 22	2 14	16 45	0 8	2 45	1 15	17 27	1 47	5 42	0 46	1 25	1 39	27 12	7 42	22 52	22 56	21 41	3 18	3 17
T 22	21 18	21 2	2 8	25 28	1 58	6 48	2 15	16 58	0 8	2 42	1 15	17 29	1 47	5 41	0 46	1 25	1 39	27 12	7 42	22 52	22 56	21 41	3 18	3 17
W23	21 29	18 4	3 17	25 22	1 50	7 13	2 16	17 11	0 7	2 39	1 15	17 31	1 47	5 41	0 46	1 26	1 39	27 12	7 42	22 52	22 55	21 42	3 17	3 17
T 24	21 39	14 7	4 12	25 14	1 42	7 39	2 16	17 23	0 6	2 36	1 16	17 32	1 47	5 40	0 46	1 26	1 38	27 11	7 42	22 52	22 55	21 42	3 17	3 16
F 25	21 49	9 33	4 50	25 5	1 32	8 4	2 17	17 35	0 6	2 34	1 16	17 34	1 47	5 40	0 46	1 26	1 38	27 11	7 42	22 52	22 55	21 43	3 16	3 16
S 26	21 59	4 42	5 12	24 55	1 21	8 30	2 17	17 47	0 5	2 31	1 16	17 36	1 47	5 39	0 46	1 26	1 38	27 10	7 42	22 52	22 54	21 44	3 16	3 16
S 27	22 8	0s14	5 18	24 42	1 9	8 55	2 17	17 59	0 5	2 28	1 16	17 37	1 47	5 39	0 46	1 26	1 38	27 10	7 42	22 52	22 54	21 44	3 15	3 16
M28	22 16	5 1	5 8	24 29	0 55	9 20	2 17	18 11	0 4	2 25	1 17	17 39	1 47	5 38	0 46	1 26	1 38	27 10	7 41	22 52	22 54	21 45	3 15	3 16
T 29	22 24	9 31	4 45	24 14	0 40	9 45	2 17	18 23	0 3	2 23	1 17	17 41	1 47	5 38	0 46	1 26	1 38	27 9	7 41	22 52	22 53	21 45	3 14	3 15
W30	22s32	13s35	4s 9	23s58	0s24	10s 9	2n17	18s35	0n 3	2n20	1n17	17s42	1n47	5n38	0n46	1s26	1s38	27s 9	7s41	22s52	22s53	21s46	3n14	3n15

Julian Day Number = 2102317.5, Delta T = 21m06s
Ecliptic obliquity = 23°33'46, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'44, Lahiri = 10°31'44 Julian Calendar 1 Nov. 1043 == Greg. Calendar 7 Nov. 1043

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ASTRODIENST EPHEMERIS for the year 1043
geocentric

DECEMBER 1043 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 59 39	14♐30'47	6♏53	29°R37	3♏24	23♏43	27♍12	26♏27	17♍37	0°R 9	2♒38	16°R26	16♐34	0♐39	0°R38	T 1
F 2	5 3 36	15°31'58	18°42	29♐11	4°36	24°26	27°19	26°34	17°38	0♈ 9	2°40	16♐25	16°30	0°46	0♈37	F 2
S 3	5 7 32	16°33'10	0♐30	28°33	5°47	25° 9	27°25	26°41	17°39	0° 9	2°41	16°D25	16°27	0°53	0°37	S 3
S 4	5 11 29	17°34'22	12°18	27°45	6°59	25°52	27°32	26°48	17°40	0° 9	2°42	16°R25	16°24	0°59	0°37	S 4
M 5	5 15 25	18°35'34	24° 9	26°45	8°11	26°35	27°38	26°55	17°41	0° 9	2°44	16°25	16°21	1° 6	0°37	M 5
T 6	5 19 22	19°36'47	6♑ 5	25°37	9°23	27°18	27°44	27° 1	17°41	0°D 9	2°45	16°25	16°18	1°13	0°37	T 6
W 7	5 23 19	20°38'00	18° 9	24°22	10°35	28° 2	27°50	27° 8	17°42	0° 9	2°46	16°25	16°14	1°19	0°D37	W 7
T 8	5 27 15	21°39'13	0♒21	23° 2	11°48	28°45	27°56	27°15	17°43	0° 9	2°48	16°24	16°11	1°26	0°37	T 8
F 9	5 31 12	22°40'26	12°46	21°40	13° 0	29°28	28° 1	27°21	17°43	0° 9	2°49	16°23	16° 8	1°33	0°37	F 9
S 10	5 35 8	23°41'38	25°24	20°19	14°12	0♐11	28° 7	27°28	17°44	0° 9	2°51	16°22	16° 5	1°39	0°37	S 10
S 11	5 39 5	24°42'51	8♓18	19° 1	15°24	0°55	28°12	27°35	17°44	0° 9	2°52	16°22	16° 2	1°46	0°37	S 11
M12	5 43 1	25°44'03	21°32	17°49	16°37	1°38	28°17	27°41	17°44	0° 9	2°54	16°D21	15°59	1°53	0°38	M12
T 13	5 46 58	26°45'15	5♈ 7	16°44	17°49	2°21	28°22	27°48	17°45	0°10	2°55	16°21	15°55	1°59	0°38	T 13
W14	5 50 54	27°46'27	19° 4	15°48	19° 2	3° 5	28°27	27°54	17°45	0°10	2°57	16°22	15°52	2° 6	0°38	W14
T 15	5 54 51	28°47'39	3♉24	15° 2	20°15	3°48	28°31	28° 1	17°45	0°10	2°58	16°23	15°49	2°13	0°39	T 15
F 16	5 58 48	29°48'50	18° 3	14°26	21°27	4°32	28°36	28° 7	17°45	0°10	3° 0	16°24	15°46	2°19	0°39	F 16
S 17	6 2 44	0♑50'01	2♊58	14° 0	22°40	5°15	28°40	28°13	17°45	0°11	3° 1	16°25	15°43	2°26	0°40	S 17
S 18	6 6 41	1°51'11	18° 1	13°44	23°53	5°59	28°44	28°20	17°R45	0°11	3° 3	16°R25	15°40	2°33	0°40	S 18
M19	6 10 37	2°52'22	3♋ 5	13°D38	25° 6	6°42	28°48	28°26	17°45	0°12	3° 5	16°25	15°36	2°39	0°41	M19
T 20	6 14 34	3°53'32	17°59	13°41	26°19	7°26	28°52	28°32	17°45	0°12	3° 6	16°23	15°33	2°46	0°42	T 20
W21	6 18 30	4°54'42	2♌37	13°52	27°32	8°10	28°55	28°38	17°45	0°13	3° 8	16°21	15°30	2°52	0°43	W21
T 22	6 22 27	5°55'51	16°51	14°10	28°45	8°53	28°59	28°44	17°45	0°13	3° 9	16°18	15°27	2°59	0°43	T 22
F 23	6 26 23	6°57'01	0♍39	14°36	29°58	9°37	29° 2	28°51	17°44	0°14	3°11	16°15	15°24	3° 6	0°44	F 23
S 24	6 30 20	7°58'10	13°59	15° 8	1♐11	10°21	29° 5	28°57	17°44	0°14	3°13	16°13	15°20	3°12	0°45	S 24
S 25	6 34 17	8°59'19	26°54	15°45	2°24	11° 5	29° 8	29° 3	17°44	0°15	3°14	16°11	15°17	3°19	0°46	S 25
M26	6 38 13	10° 0'28	9♎25	16°28	3°37	11°49	29°10	29° 9	17°43	0°16	3°16	16°D11	15°14	3°26	0°47	M26
T 27	6 42 10	11° 1'36	21°38	17°15	4°51	12°33	29°13	29°14	17°43	0°16	3°18	16°11	15°11	3°32	0°48	T 27
W28	6 46 6	12° 2'45	3♏37	18° 7	6° 4	13°17	29°15	29°20	17°42	0°17	3°20	16°12	15° 8	3°39	0°49	W28
T 29	6 50 3	13° 3'53	15°28	19° 2	7°17	14° 1	29°17	29°26	17°42	0°18	3°21	16°14	15° 5	3°46	0°51	T 29
F 30	6 53 59	14° 5'01	27°15	20° 0	8°31	14°45	29°19	29°32	17°41	0°19	3°23	16°16	15° 1	3°52	0°52	F 30
S 31	6 57 56	15♑ 6'08	9♐ 1	21♐ 2	9♐44	15♐29	29♍21	29♏37	17♍40	0♈20	3♒25	16♐17	14♐58	3♐59	0♈53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s40	17s 4	3s23	23s40	0s 6	10s34	2n17	18s46	0n 2	2n18	1n17	17s44	1n47	5n37	0n46	1s26	1s38	27s 9	7s41	22s52	22s53	21s47	3n14	3n15
F 2	22 46	19 51	2 28	23 21	0n12	10 59	2 17	18 57	0 1	2 15	1 18	17 45	1 47	5 37	0 46	1 26	1 38	27 8	7 41	22 52	22 52	21 47	3 13	3 15
S 3	22 53	21 47	1 28	23 2	0 32	11 23	2 16	19 8	0 1	2 13	1 18	17 47	1 47	5 37	0 46	1 26	1 38	27 8	7 41	22 52	22 52	21 48	3 13	3 14
S 4	22 59	22 46	0 23	22 41	0 51	11 47	2 16	19 19	0 0	2 11	1 18	17 48	1 47	5 36	0 46	1 26	1 38	27 7	7 41	22 52	22 52	21 48	3 13	3 14
M 5	23 4	22 43	0n43	22 20	1 12	12 11	2 15	19 30	0s 1	2 8	1 18	17 50	1 47	5 36	0 46	1 26	1 38	27 7	7 41	22 52	22 51	21 49	3 13	3 14
T 6	23 9	21 38	1 47	21 58	1 31	12 34	2 14	19 41	0 1	2 6	1 19	17 51	1 47	5 36	0 46	1 26	1 38	27 6	7 41	22 52	22 51	21 49	3 12	3 14
W 7	23 14	19 34	2 48	21 36	1 50	12 58	2 14	19 51	0 2	2 4	1 19	17 53	1 47	5 36	0 46	1 26	1 38	27 6	7 41	22 52	22 51	21 50	3 12	3 14
T 8	23 18	16 35	3 41	21 15	2 8	13 21	2 13	20 1	0 2	2 2	1 19	17 54	1 47	5 35	0 46	1 26	1 38	27 6	7 41	22 52	22 51	21 50	3 12	3 13
F 9	23 22	12 50	4 25	20 54	2 24	13 44	2 12	20 11	0 3	2 0	1 19	17 56	1 47	5 35	0 46	1 26	1 38	27 5	7 41	22 52	22 50	21 51	3 12	3 13
S 10	23 25	8 28	4 57	20 35	2 38	14 6	2 11	20 21	0 4	1 58	1 20	17 57	1 47	5 35	0 46	1 26	1 38	27 5	7 40	22 52	22 50	21 51	3 12	3 13
S 11	23 27	3 38	5 15	20 17	2 50	14 29	2 9	20 31	0 4	1 56	1 20	17 59	1 47	5 35	0 46	1 26	1 38	27 4	7 40	22 52	22 50	21 52	3 11	3 13
M12	23 30	1n28	5 16	20 2	2 59	14 50	2 8	20 41	0 5	1 55	1 20	18 0	1 47	5 35	0 46	1 26	1 38	27 4	7 40	22 52	22 49	21 52	3 11	3 12
T 13	23 31	6 38	5 1	19 49	3 6	15 12	2 7	20 50	0 6	1 53	1 20	18 2	1 47	5 35	0 46	1 26	1 38	27 4	7 40	22 52	22 49	21 53	3 11	3 12
W14	23 33	11 37	4 27	19 39	3 10	15 33	2 5	20 59	0 6	1 51	1 21	18 3	1 47	5 35	0 46	1 25	1 37	27 3	7 40	22 52	22 49	21 53	3 11	3 12
T 15	23 33	16 6	3 37	19 32	3 12	15 54	2 4	21 8	0 7	1 50	1 21	18 5	1 47	5 35	0 47	1 25	1 37	27 3	7 40	22 52	22 48	21 54	3 11	3 12
F 16	23 34	19 43	2 31	19 28	3 12	16 15	2 2	21 17	0 8	1 48	1 21	18 6	1 47	5 35	0 47	1 25	1 37	27 2	7 40	22 52	22 48	21 54	3 11	3 11
S 17	23 34	22 4	1 14	19 26	3 11	16 35	2 1	21 26	0 8	1 47	1 21	18 7	1 47	5 35	0 47	1 25	1 37	27 2	7 40	22 52	22 47	21 55	3 11	3 11
S 18	23 33	22 52	0s 9	19 28	3 8	16 55	1 59	21 34	0 9	1 45	1 22	18 9	1 47	5 35	0 47	1 25	1 37	27 1	7 40	22 52	22 47	21 55	3 11	3 11
M19	23 32	22 1	1 31	19 31	3 3	17 14	1 57	21 42	0 10	1 44	1 22	18 10	1 47	5 35	0 47	1 24	1 37	27 1	7 40	22 52	22 47	21 56	3 11	3 11
T 20	23 30	19 36	2 46	19 37	2 57	17 34	1 55	21 50	0 11	1 43	1 22	18 11	1 47	5 35	0 47	1 24	1 37	27 1	7 40	22 52	22 46	21 56	3 11	3 10
W21	23 28	15 58	3 49	19 45	2 51	17 52	1 53	21 58	0 11	1 42	1 22	18 13	1 48	5 35	0 47	1 24	1 37	27 0	7 40	22 52	22 46	21 57	3 11	3 10
T 22	23 26	11 29	4 35	19 55	2 44	18 10	1 51	22 5	0 12	1 40	1 23	18 14	1 48	5 35	0 47	1 24	1 37	27 0	7 40	22 51	22 46	21 57	3 12	3 10
F 23	23 23	6 33	5 4	20 5	2 36	18 28	1 49	22 13	0 13	1 39	1 23	18 15	1 48	5 35	0 47	1 23	1 37	26 59	7 40	22 51	22 45	21 58	3 12	3 10
S 24	23 19	1 29	5 16	20 17	2 27	18 45	1 47	22 20	0 13	1 38	1 23	18 16	1 48	5 35	0 47	1 23	1 37	26 59	7 40	22 51	22 45	21 58	3 12	3 10
S 25	23 15	3s30	5 10	20 30	2 19	19 2	1 45	22 27	0 14	1 38	1 24	18 18	1 48	5 36	0 47	1 23	1 37	26 58	7 40	22 51	22 45	21 59	3 12	3 9
M26	23 11	8 11	4 50	20 43	2 10	19 18	1 43	22 34	0 15	1 37	1 24	18 19	1 48	5 36	0 47	1 23	1 37	26 58	7 40	22 50	22 44	21 59	3 12	3 9
T 27	23 6	12 27	4 17	20 57	2 1	19 34	1 41	22 40	0 15	1 36	1 24	18 20	1 48	5 36	0 47	1 22	1 37	26 58	7 40	22 50	22 44	21 59	3 12	3 9
W28	23 1	16 8	3 34	21 11	1 51	19 49	1 38	22 46	0 16	1 35	1 24	18 21	1 48	5 36	0 47	1 22	1 37	26 57	7 40	22 51	22 44	22 0	3 13	3 9
T 29	22 55	19 8	2 42	21 25	1 42	20 4	1 36	22 53	0 17	1 35	1 25	18 23	1 48	5 37	0 47	1 22	1 37	26 57	7 40	22 51	22 43	22 0	3 13	3 8
F 30	22 49	21 19	1 43	21 39	1 32	20 18	1 33	22 58	0 17	1 34	1 25	18 24	1 48	5 37	0 47	1 21	1 37	26 56	7 40	22 51	22 43	22 1	3 13	3 8
S 31	22s42	22s34	0s40	21s53	1n23	20s32	1n31	23s 4	0s18	1n34	1n25	18s25	1n48	5n37	0n47	1s21	1s37	26s56	7s40	22s51	22s43	22s 1	3n14	3n 8

Julian Day Number = 2102347.5, Delta T = 21m06s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'48, Lahiri = 10°31'49 Julian Calendar 1 Dec. 1043 == Greg. Calendar 7 Dec. 1043

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

JANUARY 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 1 52	16♑ 7'15	20♐52	22♐ 6	10♐58	16♐13	29♍22	29♏43	17°R40	0♈20	3♒26	16°R17	14♐55	4♐ 6	0♈54	S 1
M 2	7 5 49	17° 8'21	2♑50	23°13	12°11	16°57	29°24	29°49	17♍39	0°21	3°28	16♐16	14°52	4°12	0°56	M 2
T 3	7 9 46	18° 9'26	14°57	24°21	13°25	17°41	29°25	29°54	17°38	0°22	3°30	16°13	14°49	4°19	0°57	T 3
W 4	7 13 42	19°10'31	27°15	25°32	14°38	18°26	29°26	29°59	17°37	0°23	3°32	16° 9	14°46	4°26	0°59	W 4
T 5	7 17 39	20°11'34	9♒44	26°45	15°52	19°10	29°27	0♐ 5	17°36	0°24	3°33	16° 3	14°42	4°32	1° 0	T 5
F 6	7 21 35	21°12'37	22°26	28° 0	17° 5	19°54	29°27	0°10	17°35	0°25	3°35	15°56	14°39	4°39	1° 2	F 6
S 7	7 25 32	22°13'39	5♓20	29°16	18°19	20°38	29°28	0°16	17°34	0°26	3°37	15°50	14°36	4°45	1° 4	S 7
S 8	7 29 28	23°14'39	18°28	0♑33	19°33	21°23	29°28	0°21	17°33	0°27	3°39	15°45	14°33	4°52	1° 5	S 8
M 9	7 33 25	24°15'38	1♈48	1°52	20°46	22° 7	29°R28	0°26	17°32	0°29	3°41	15°41	14°30	4°59	1° 7	M 9
T 10	7 37 21	25°16'36	15°23	3°12	22° 0	22°52	29°28	0°31	17°30	0°30	3°42	15°38	14°26	5° 5	1° 9	T 10
W11	7 41 18	26°17'33	29°12	4°33	23°14	23°36	29°27	0°36	17°29	0°31	3°44	15°D38	14°23	5°12	1°11	W11
T 12	7 45 15	27°18'28	13♉16	5°56	24°27	24°21	29°27	0°41	17°28	0°32	3°46	15°39	14°20	5°19	1°13	T 12
F 13	7 49 11	28°19'22	27°34	7°19	25°41	25° 5	29°26	0°46	17°26	0°33	3°48	15°40	14°17	5°25	1°15	F 13
S 14	7 53 8	29°20'14	12♊ 3	8°43	26°55	25°50	29°25	0°50	17°25	0°35	3°49	15°R41	14°14	5°32	1°17	S 14
S 15	7 57 4	0♒21'05	26°41	10° 9	28° 9	26°34	29°24	0°55	17°24	0°36	3°51	15°41	14°11	5°39	1°19	S 15
M16	8 1 1	1°21'55	11♋23	11°35	29°23	27°19	29°23	1° 0	17°22	0°37	3°53	15°38	14° 7	5°45	1°21	M16
T 17	8 4 57	2°22'43	26° 0	13° 3	0♑36	28° 4	29°21	1° 4	17°21	0°39	3°55	15°33	14° 4	5°52	1°23	T 17
W18	8 8 54	3°23'30	10♌28	14°31	1°50	28°48	29°20	1° 9	17°19	0°40	3°57	15°27	14° 1	5°59	1°25	W18
T 19	8 12 51	4°24'16	24°39	16° 0	3° 4	29°33	29°18	1°13	17°17	0°41	3°59	15°18	13°58	6° 5	1°27	T 19
F 20	8 16 47	5°25'00	8♍27	17°30	4°18	0♑18	29°16	1°18	17°16	0°43	4° 0	15°10	13°55	6°12	1°29	F 20
S 21	8 20 44	6°25'43	21°51	19° 1	5°32	1° 3	29°13	1°22	17°14	0°44	4° 2	15° 2	13°52	6°19	1°32	S 21
S 22	8 24 40	7°26'25	4♎50	20°32	6°46	1°48	29°11	1°26	17°12	0°46	4° 4	14°55	13°48	6°25	1°34	S 22
M23	8 28 37	8°27'06	17°26	22° 5	8° 0	2°32	29° 8	1°30	17°10	0°47	4° 6	14°50	13°45	6°32	1°36	M23
T 24	8 32 33	9°27'45	29°42	23°38	9°13	3°17	29° 6	1°34	17° 8	0°49	4° 8	14°48	13°42	6°38	1°39	T 24
W25	8 36 30	10°28'24	11♏44	25°12	10°27	4° 2	29° 3	1°38	17° 7	0°51	4° 9	14°D47	13°39	6°45	1°41	W25
T 26	8 40 26	11°29'01	23°35	26°47	11°41	4°47	28°59	1°42	17° 5	0°52	4°11	14°48	13°36	6°52	1°44	T 26
F 27	8 44 23	12°29'37	5♐22	28°23	12°55	5°32	28°56	1°46	17° 3	0°54	4°13	14°49	13°32	6°58	1°46	F 27
S 28	8 48 19	13°30'11	17°10	0♒ 0	14° 9	6°17	28°53	1°49	17° 1	0°55	4°15	14°R49	13°29	7° 5	1°49	S 28
S 29	8 52 16	14°30'45	29° 4	1°38	15°23	7° 2	28°49	1°53	16°59	0°57	4°17	14°48	13°26	7°12	1°51	S 29
M30	8 56 13	15°31'17	11♑ 8	3°17	16°37	7°47	28°45	1°56	16°57	0°59	4°18	14°45	13°23	7°18	1°54	M30
T 31	9 0 9	16♒31'47	23♑25	4♒56	17♑51	8♑33	28♍41	2♐ 0	16♍55	1♈ 1	4♒20	14♐38	13♐20	7♐25	1♈57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22s35	22s50	0n25	22s 6	1n14	20s45	1n28	23s 9	0s19	1n33	1n26	18s26	1n48	5n37	0n47	1s20	1s37	26s55	7s40	22s51	22s42	22s 2	3n14	3n 8	S 1
M 2	22 27	22 2	1 30	22 19	1 4	20 57	1 26	23 15	0 20	1 33	1 26	18 27	1 48	5 38	0 47	1 20	1 37	26 55	7 40	22 51	22 42	22 2	3 14	3 8	M 2
T 3	22 19	20 13	2 31	22 32	0 55	21 9	1 23	23 19	0 20	1 33	1 26	18 28	1 48	5 38	0 47	1 20	1 36	26 55	7 40	22 51	22 42	22 2	3 15	3 7	T 3
W 4	22 11	17 28	3 25	22 43	0 46	21 20	1 20	23 24	0 21	1 33	1 26	18 29	1 48	5 39	0 47	1 19	1 36	26 54	7 40	22 50	22 41	22 3	3 15	3 7	W 4
T 5	22 2	13 52	4 11	22 55	0 37	21 31	1 18	23 29	0 22	1 33	1 27	18 30	1 49	5 39	0 47	1 19	1 36	26 54	7 40	22 50	22 41	22 3	3 15	3 7	T 5
F 6	21 53	9 36	4 46	23 5	0 28	21 41	1 15	23 33	0 22	1 33	1 27	18 31	1 49	5 39	0 47	1 18	1 36	26 53	7 40	22 49	22 40	22 3	3 16	3 7	F 6
S 7	21 43	4 52	5 6	23 14	0 19	21 51	1 12	23 37	0 23	1 33	1 27	18 32	1 49	5 40	0 47	1 18	1 36	26 53	7 40	22 48	22 40	22 4	3 16	3 7	S 7
S 8	21 33	0n11	5 11	23 23	0 11	22 0	1 9	23 41	0 24	1 33	1 28	18 33	1 49	5 40	0 47	1 17	1 36	26 53	7 40	22 48	22 40	22 4	3 17	3 6	S 8
M 9	21 22	5 17	4 59	23 31	0 2	22 8	1 7	23 44	0 24	1 33	1 28	18 34	1 49	5 41	0 48	1 17	1 36	26 52	7 40	22 47	22 39	22 5	3 17	3 6	M 9
T 10	21 11	10 14	4 30	23 37	0s 6	22 16	1 4	23 47	0 25	1 34	1 28	18 35	1 49	5 41	0 48	1 16	1 36	26 52	7 40	22 47	22 39	22 5	3 18	3 6	T 10
W11	21 0	14 46	3 46	23 43	0 14	22 22	1 1	23 50	0 26	1 34	1 28	18 36	1 49	5 42	0 48	1 16	1 36	26 51	7 40	22 47	22 39	22 5	3 18	3 6	W11
T 12	20 48	18 33	2 47	23 47	0 22	22 29	0 58	23 53	0 27	1 35	1 29	18 37	1 49	5 42	0 48	1 15	1 36	26 51	7 40	22 47	22 38	22 6	3 19	3 5	T 12
F 13	20 36	21 17	1 37	23 51	0 29	22 34	0 55	23 56	0 27	1 35	1 29	18 38	1 49	5 43	0 48	1 15	1 36	26 50	7 40	22 47	22 38	22 6	3 20	3 5	F 13
S 14	20 24	22 41	0 20	23 53	0 36	22 39	0 52	23 58	0 28	1 36	1 29	18 39	1 49	5 44	0 48	1 14	1 36	26 50	7 40	22 47	22 38	22 6	3 20	3 5	S 14
S 15	20 11	22 32	0s59	23 54	0 44	22 44	0 49	24 0	0 29	1 36	1 30	18 40	1 49	5 44	0 48	1 14	1 36	26 50	7 40	22 47	22 37	22 7	3 21	3 5	S 15
M16	19 57	20 50	2 15	23 54	0 50	22 47	0 46	24 2	0 30	1 37	1 30	18 41	1 50	5 45	0 48	1 13	1 36	26 49	7 40	22 47	22 37	22 7	3 21	3 5	M16
T 17	19 44	17 46	3 20	23 52	0 57	22 50	0 43	24 3	0 30	1 38	1 30	18 41	1 50	5 46	0 48	1 12	1 36	26 49	7 40	22 47	22 36	22 7	3 22	3 4	T 17
W18	19 30	13 39	4 13	23 49	1 3	22 53	0 40	24 4	0 31	1 39	1 30	18 42	1 50	5 46	0 48	1 12	1 36	26 49	7 40	22 46	22 36	22 8	3 23	3 4	W18
T 19	19 15	8 51	4 48	23 45	1 10	22 54	0 37	24 5	0 32	1 40	1 31	18 43	1 50	5 47	0 48	1 11	1 36	26 48	7 40	22 45	22 36	22 8	3 24	3 4	T 19
F 20	19 1	3 43	5 5	23 39	1 15	22 55	0 34	24 6	0 32	1 41	1 31	18 44	1 50	5 48	0 48	1 11	1 36	26 48	7 40	22 44	22 35	22 8	3 24	3 4	F 20
S 21	18 46	1s25	5 5	23 33	1 21	22 55	0 31	24 7	0 33	1 42	1 31	18 45	1 50	5 48	0 48	1 10	1 36	26 47	7 40	22 43	22 35	22 8	3 25	3 4	S 21
S 22	18 30	6 21	4 49	23 24	1 26	22 55	0 28	24 7	0 34	1 43	1 31	18 45	1 50	5 49	0 48	1 9	1 36	26 47	7 41	22 42	22 34	22 9	3 26	3 4	S 22
M23	18 15	10 52	4 19	23 15	1 31	22 54	0 25	24 7	0 35	1 45	1 32	18 46	1 50	5 50	0 48	1 9	1 36	26 47	7 41	22 42	22 34	22 9	3 27	3 3	M23
T 24	17 59	14 50	3 38	23 3	1 36	22 52	0 22	24 7	0 35	1 46	1 32	18 47	1 50	5 50	0 48	1 8	1 36	26 46	7 41	22 41	22 34	22 9	3 27	3 3	T 24
W25	17 42	18 6	2 48	22 51	1 40	22 49	0 19	24 6	0 36	1 47	1 32	18 47	1 51	5 51	0 48	1 7	1 36	26 46	7 41	22 41	22 33	22 10	3 28	3 3	W25
T 26	17 26	20 34	1 52	22 37	1 44	22 46	0 16	24 5	0 37	1 49	1 32	18 48	1 51	5 52	0 48	1 7	1 36	26 45	7 41	22 41	22 33	22 10	3 29	3 3	T 26
F 27	17 9	22 8	0 51	22 21	1 48	22 42	0 14	24 4	0 38	1 51	1 33	18 49	1 51	5 53	0 48	1 6	1 35	26 45	7 41	22 42	22 33	22 10	3 30	3 3	F 27
S 28	16 51	22 44	0n13	22 4	1 52	22 38	0 11	24 3	0 38	1 52	1 33	18 49	1 51	5 54	0 48	1 5	1 35	26 45	7 41	22 42	22 32	22 10	3 31	3 2	S 28
S 29	16 34	22 18	1 16	21 46	1 55	22 33	0 8	24 1	0 39	1 54	1 33	18 50	1 51	5 54	0 48	1 5	1 35	26 44	7 41	22 41	22 32	22 11	3 32	3 2	S 29
M30	16 16	20 50	2 16	21 26	1 57	22 27	0 5	24 0	0 40	1 56	1 33	18 50	1 51	5 55	0 48	1 4	1 35	26 44	7 41	22 41	22 31	22 11	3 32	3 2	M30
T 31	15s58	18s23	3n11	21s 4	2s 0	22s20	0n 2	23s57	0s40	1n57	1n34	18s51	1n51	5n56	0n48	1s 3	1s35	26s44	7s41	22s40	22s31	22s11	3n33	3n 2	T 31

Julian Day Number = 2102378.5, Delta T = 21m06s
Ecliptic obliquity = 23°33'44, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'52, Lahiri = 10°31'53 Julian Calendar 1 Jan. 1044 == Greg. Calendar 7 Jan. 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

FEBRUARY 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 4 6	17♒32'16	5♒57	6♒37	19♉ 5	9♉18	28°R37	2♐ 3	16°R52	1♈ 2	4♒22	14°R30	13♐17	7♐32	1♈59	W 1
T 2	9 8 2	18°32'43	18°45	8°18	20°19	10° 3	28♍32	2° 6	16♍50	1° 4	4°24	14♐19	13°13	7°38	2° 2	T 2
F 3	9 11 59	19°33'08	1♓49	10° 0	21°33	10°48	28°28	2°10	16°48	1° 6	4°25	14° 7	13°10	7°45	2° 5	F 3
S 4	9 15 55	20°33'32	15° 7	11°44	22°47	11°33	28°23	2°13	16°46	1° 8	4°27	13°56	13° 7	7°52	2° 8	S 4
S 5	9 19 52	21°33'54	28°38	13°28	24° 1	12°19	28°18	2°16	16°44	1° 9	4°29	13°45	13° 4	7°58	2°10	S 5
M 6	9 23 48	22°34'14	12♈18	15°13	25°15	13° 4	28°13	2°19	16°41	1°11	4°31	13°37	13° 1	8° 5	2°13	M 6
T 7	9 27 45	23°34'31	26° 6	17° 0	26°29	13°49	28° 8	2°21	16°39	1°13	4°32	13°31	12°57	8°12	2°16	T 7
W 8	9 31 42	24°34'47	10♉ 1	18°47	27°43	14°34	28° 3	2°24	16°37	1°15	4°34	13°28	12°54	8°18	2°19	W 8
T 9	9 35 38	25°35'01	24° 2	20°35	28°58	15°20	27°57	2°27	16°34	1°17	4°36	13°D28	12°51	8°25	2°22	T 9
F 10	9 39 35	26°35'12	8♊ 8	22°25	0♒12	16° 5	27°52	2°29	16°32	1°19	4°37	13°R28	12°48	8°31	2°25	F 10
S 11	9 43 31	27°35'22	22°18	24°15	1°26	16°50	27°46	2°32	16°29	1°21	4°39	13°28	12°45	8°38	2°28	S 11
S 12	9 47 28	28°35'29	6♋31	26° 6	2°40	17°36	27°40	2°34	16°27	1°23	4°41	13°26	12°42	8°45	2°31	S 12
M13	9 51 24	29°35'34	20°45	27°59	3°54	18°21	27°34	2°36	16°25	1°25	4°43	13°22	12°38	8°51	2°34	M13
T 14	9 55 21	0♓35'37	4♌56	29°52	5° 8	19° 7	27°28	2°38	16°22	1°27	4°44	13°14	12°35	8°58	2°37	T 14
W15	9 59 17	1°35'38	19° 0	1♓46	6°22	19°52	27°22	2°41	16°20	1°29	4°46	13° 4	12°32	9° 5	2°40	W15
T 16	10 3 14	2°35'37	2♍51	3°41	7°36	20°38	27°16	2°42	16°17	1°31	4°47	12°52	12°29	9°11	2°44	T 16
F 17	10 7 11	3°35'34	16°27	5°37	8°50	21°23	27° 9	2°44	16°15	1°33	4°49	12°40	12°26	9°18	2°47	F 17
S 18	10 11 7	4°35'29	29°43	7°34	10° 4	22° 9	27° 3	2°46	16°12	1°35	4°51	12°27	12°23	9°25	2°50	S 18
S 19	10 15 4	5°35'22	12♎38	9°31	11°18	22°54	26°56	2°48	16°10	1°37	4°52	12°17	12°19	9°31	2°53	S 19
M20	10 19 0	6°35'13	25°13	11°29	12°32	23°40	26°49	2°49	16° 7	1°39	4°54	12° 9	12°16	9°38	2°56	M20
T 21	10 22 57	7°35'02	7♏29	13°27	13°46	24°26	26°42	2°51	16° 5	1°41	4°55	12° 3	12°13	9°45	3° 0	T 21
W22	10 26 53	8°34'50	19°32	15°26	15° 0	25°11	26°35	2°52	16° 2	1°43	4°57	12° 0	12°10	9°51	3° 3	W22
T 23	10 30 50	9°34'36	1♐24	17°24	16°14	25°57	26°28	2°53	15°59	1°45	4°59	11°59	12° 7	9°58	3° 6	T 23
F 24	10 34 46	10°34'21	13°12	19°22	17°28	26°42	26°21	2°55	15°57	1°48	5° 0	11°59	12° 3	10° 4	3° 9	F 24
S 25	10 38 43	11°34'03	25° 1	21°20	18°42	27°28	26°14	2°56	15°54	1°50	5° 2	11°59	12° 0	10°11	3°13	S 25
S 26	10 42 40	12°33'44	6♉57	23°17	19°56	28°14	26° 6	2°57	15°52	1°52	5° 3	11°57	11°57	10°18	3°16	S 26
M27	10 46 36	13°33'23	19° 4	25°12	21°10	28°59	25°59	2°58	15°49	1°54	5° 5	11°53	11°54	10°24	3°19	M27
T 28	10 50 33	14°33'00	1♒28	27° 6	22°24	29°45	25°52	2°58	15°46	1°56	5° 6	11°47	11°51	10°31	3°23	T 28
W29	10 54 29	15♓32'35	14♒10	28♓58	23♒38	0♒31	25♍44	2♐59	15♍44	1♈58	5♒ 8	11♐38	11♐48	10♐38	3♈26	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15s39	15s 2	3n58	20s41	2s 2	22s13	0s 1	23s55	0s41	1n59	1n34	18s52	1n51	5n57	0n48	1s 2	1s35	26s43	7s41	22s39	22s31	22s11	3n34	3n 2	W 1
T 2	15 21	10 57	4 34	20 16	2 3	22 5	0 4	23 53	0 42	2 1	1 34	18 52	1 52	5 58	0 48	1 2	1 35	26 43	7 42	22 38	22 30	22 11	3 35	3 2	T 2
F 3	15 2	6 16	4 56	19 50	2 4	21 56	0 7	23 50	0 43	2 3	1 34	18 53	1 52	5 59	0 48	1 1	1 35	26 43	7 42	22 37	22 30	22 12	3 36	3 1	F 3
S 4	14 43	1 14	5 3	19 22	2 5	21 47	0 10	23 47	0 43	2 5	1 35	18 53	1 52	6 0	0 48	1 0	1 35	26 42	7 42	22 35	22 29	22 12	3 37	3 1	S 4
S 5	14 23	3n55	4 53	18 52	2 6	21 37	0 12	23 43	0 44	2 8	1 35	18 54	1 52	6 0	0 48	0 59	1 35	26 42	7 42	22 34	22 29	22 12	3 38	3 1	S 5
M 6	14 4	8 58	4 26	18 21	2 6	21 26	0 15	23 40	0 45	2 10	1 35	18 54	1 52	6 1	0 48	0 59	1 35	26 42	7 42	22 33	22 29	22 12	3 39	3 1	M 6
T 7	13 44	13 36	3 44	17 48	2 5	21 15	0 18	23 36	0 46	2 12	1 35	18 54	1 52	6 2	0 48	0 58	1 35	26 41	7 42	22 32	22 28	22 13	3 40	3 1	T 7
W 8	13 24	17 33	2 48	17 14	2 4	21 3	0 20	23 32	0 46	2 14	1 36	18 55	1 52	6 3	0 48	0 57	1 35	26 41	7 42	22 32	22 28	22 13	3 41	3 1	W 8
T 9	13 3	20 31	1 41	16 38	2 3	20 51	0 23	23 27	0 47	2 17	1 36	18 55	1 52	6 4	0 48	0 56	1 35	26 41	7 42	22 32	22 27	22 13	3 42	3 0	T 9
F 10	12 43	22 14	0 28	16 1	2 1	20 38	0 26	23 23	0 48	2 19	1 36	18 56	1 53	6 5	0 48	0 56	1 35	26 41	7 43	22 32	22 27	22 13	3 43	3 0	F 10
S 11	12 22	22 34	0s47	15 22	1 58	20 24	0 28	23 18	0 48	2 22	1 36	18 56	1 53	6 6	0 48	0 55	1 35	26 40	7 43	22 32	22 27	22 13	3 44	3 0	S 11
S 12	12 1	21 25	1 59	14 41	1 55	20 10	0 31	23 13	0 49	2 24	1 36	18 56	1 53	6 7	0 48	0 54	1 35	26 40	7 43	22 32	22 26	22 13	3 45	3 0	S 12
M13	11 40	18 55	3 4	13 59	1 52	19 55	0 33	23 7	0 50	2 27	1 36	18 57	1 53	6 8	0 48	0 53	1 35	26 40	7 43	22 31	22 26	22 14	3 47	3 0	M13
T 14	11 19	15 18	3 57	13 16	1 48	19 40	0 36	23 2	0 51	2 29	1 37	18 57	1 53	6 9	0 48	0 52	1 35	26 39	7 43	22 30	22 25	22 14	3 48	3 0	T 14
W15	10 58	10 51	4 35	12 30	1 43	19 24	0 38	22 56	0 51	2 32	1 37	18 57	1 53	6 10	0 48	0 52	1 35	26 39	7 43	22 29	22 25	22 14	3 49	3 0	W15
T 16	10 36	5 54	4 56	11 44	1 38	19 7	0 41	22 50	0 52	2 35	1 37	18 57	1 53	6 11	0 48	0 51	1 35	26 39	7 43	22 28	22 25	22 14	3 50	2 59	T 16
F 17	10 14	0 46	5 0	10 56	1 32	18 50	0 43	22 43	0 53	2 37	1 37	18 58	1 54	6 12	0 48	0 50	1 35	26 39	7 44	22 26	22 24	22 14	3 51	2 59	F 17
S 18	9 53	4s17	4 47	10 6	1 26	18 33	0 45	22 37	0 54	2 40	1 37	18 58	1 54	6 13	0 48	0 49	1 35	26 38	7 44	22 24	22 24	22 14	3 52	2 59	S 18
S 19	9 31	9 0	4 20	9 16	1 19	18 14	0 48	22 30	0 54	2 43	1 37	18 58	1 54	6 14	0 49	0 48	1 35	26 38	7 44	22 23	22 23	22 15	3 53	2 59	S 19
M20	9 8	13 13	3 41	8 24	1 12	17 56	0 50	22 23	0 55	2 46	1 38	18 58	1 54	6 15	0 49	0 47	1 35	26 38	7 44	22 22	22 23	22 15	3 55	2 59	M20
T 21	8 46	16 47	2 52	7 31	1 4	17 37	0 52	22 15	0 56	2 49	1 38	18 58	1 54	6 16	0 49	0 46	1 35	26 38	7 44	22 21	22 22	22 15	3 56	2 59	T 21
W22	8 24	19 34	1 56	6 37	0 55	17 17	0 54	22 8	0 56	2 52	1 38	18 58	1 54	6 17	0 49	0 46	1 35	26 37	7 44	22 21	22 22	22 15	3 57	2 59	W22
T 23	8 1	21 27	0 56	5 42	0 46	16 57	0 56	22 0	0 57	2 55	1 38	18 58	1 54	6 18	0 49	0 45	1 35	26 37	7 45	22 21	22 22	22 15	3 58	2 59	T 23
F 24	7 38	22 24	0n 6	4 47	0 36	16 36	0 58	21 52	0 58	2 58	1 38	18 59	1 54	6 19	0 49	0 44	1 35	26 37	7 45	22 21	22 21	22 15	3 59	2 58	F 24
S 25	7 16	22 20	1 9	3 51	0 26	16 15	1 0	21 44	0 58	3 0	1 38	18 59	1 55	6 20	0 49	0 43	1 35	26 37	7 45	22 21	22 21	22 15	4 1	2 58	S 25
S 26	6 53	21 15	2 8	2 55	0 15	15 53	1 2	21 35	0 59	3 4	1 38	18 59	1 55	6 21	0 49	0 42	1 35	26 37	7 45	22 20	22 20	22 15	4 2	2 58	S 26
M27	6 30	19 11	3 3	1 58	0 4	15 31	1 4	21 27	1 0	3 7	1 38	18 59	1 55	6 22	0 49	0 41	1 35	26 36	7 45	22 20	22 20	22 15	4 3	2 58	M27
T 28	6 7	16 12	3 50	1 2	0n 8	15 9	1 6	21 18	1 1	3 10	1 39	18 59	1 55	6 23	0 49	0 40	1 35	26 36	7 46	22 19	22 19	22 15	4 4	2 58	T 28
W29	5s44	12s24	4n27	0s 7	0n20	14s46	1s 7	21s 8	1s 1	3n13	1n39	18s59	1n55	6n24	0n49	0s39	1s35	26s36	7s46	22s18	22s19	22s16	4n 6	2n58	W29

Julian Day Number = 2102409.5, Delta T = 21m05s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°24'57, Lahiri = 10°31'57 Julian Calendar 1 Feb. 1044 == Greg. Calendar 7 Feb. 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

MARCH 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 58 26	16♓32'08	27♒13	0♈47	24♒52	1♒17	25°R37	3♐ 0	15°R41	2♈ 1	5♒ 9	11°R26	11♐44	10♐44	3♈30	T 1
F 2	11 2 22	17°31'39	10♓37	2°34	26° 6	2° 2	25♍29	3° 0	15♍39	2° 3	5°10	11♐14	11°41	10°51	3°33	F 2
S 3	11 6 19	18°31'09	24°18	4°17	27°20	2°48	25°21	3° 0	15°36	2° 5	5°12	11° 1	11°38	10°58	3°37	S 3
S 4	11 10 15	19°30'36	8♈15	5°57	28°34	3°34	25°14	3° 1	15°33	2° 7	5°13	10°49	11°35	11° 4	3°40	S 4
M 5	11 14 12	20°30'00	22°21	7°32	29°48	4°20	25° 6	3° 1	15°31	2° 9	5°15	10°40	11°32	11°11	3°43	M 5
T 6	11 18 8	21°29'23	6♉33	9° 3	1♓ 2	5° 6	24°58	3°R 1	15°28	2°12	5°16	10°34	11°29	11°18	3°47	T 6
W 7	11 22 5	22°28'43	20°47	10°29	2°16	5°51	24°51	3° 1	15°26	2°14	5°17	10°30	11°25	11°24	3°50	W 7
T 8	11 26 2	23°28'01	4♊59	11°49	3°30	6°37	24°43	3° 1	15°23	2°16	5°19	10°D29	11°22	11°31	3°54	T 8
F 9	11 29 58	24°27'17	19° 7	13° 4	4°44	7°23	24°35	3° 1	15°21	2°18	5°20	10°R29	11°19	11°37	3°57	F 9
S 10	11 33 55	25°26'30	3♋11	14°13	5°58	8° 9	24°27	3° 0	15°18	2°21	5°21	10°29	11°16	11°44	4° 1	S 10
S 11	11 37 51	26°25'41	17°10	15°15	7°12	8°55	24°20	3° 0	15°15	2°23	5°22	10°28	11°13	11°51	4° 4	S 11
M12	11 41 48	27°24'50	1♌ 3	16°11	8°26	9°40	24°12	2°59	15°13	2°25	5°24	10°24	11° 9	11°57	4° 8	M12
T 13	11 45 44	28°23'56	14°49	17° 1	9°40	10°26	24° 4	2°59	15°10	2°27	5°25	10°17	11° 6	12° 4	4°11	T 13
W14	11 49 41	29°22'59	28°26	17°43	10°54	11°12	23°57	2°58	15° 8	2°30	5°26	10° 8	11° 3	12°11	4°15	W14
T 15	11 53 37	0♈22'01	11♍52	18°19	12° 8	11°58	23°49	2°57	15° 5	2°32	5°27	9°57	11° 0	12°17	4°18	T 15
F 16	11 57 34	1°21'00	25° 6	18°48	13°22	12°44	23°41	2°56	15° 3	2°34	5°28	9°45	10°57	12°24	4°22	F 16
S 17	12 1 31	2°19'57	8♎ 4	19°10	14°36	13°30	23°34	2°55	15° 0	2°37	5°30	9°34	10°54	12°31	4°26	S 17
S 18	12 5 27	3°18'52	20°46	19°25	15°50	14°16	23°26	2°54	14°58	2°39	5°31	9°24	10°50	12°37	4°29	S 18
M19	12 9 24	4°17'46	3♏12	19°33	17° 4	15° 1	23°19	2°53	14°56	2°41	5°32	9°16	10°47	12°44	4°33	M19
T 20	12 13 20	5°16'37	15°24	19°R35	18°18	15°47	23°11	2°52	14°53	2°43	5°33	9°11	10°44	12°51	4°36	T 20
W21	12 17 17	6°15'26	27°24	19°30	19°32	16°33	23° 4	2°50	14°51	2°46	5°34	9° 8	10°41	12°57	4°40	W21
T 22	12 21 13	7°14'14	9♐16	19°18	20°46	17°19	22°56	2°49	14°49	2°48	5°35	9°D 7	10°38	13° 4	4°43	T 22
F 23	12 25 10	8°13'00	21° 4	19° 1	22° 0	18° 5	22°49	2°47	14°46	2°50	5°36	9° 8	10°34	13°11	4°47	F 23
S 24	12 29 6	9°11'44	2♑53	18°39	23°13	18°51	22°42	2°46	14°44	2°52	5°37	9° 9	10°31	13°17	4°50	S 24
S 25	12 33 3	10°10'26	14°49	18°12	24°27	19°37	22°35	2°44	14°42	2°55	5°38	9°R 9	10°28	13°24	4°54	S 25
M26	12 37 0	11° 9'07	26°57	17°40	25°41	20°22	22°28	2°42	14°39	2°57	5°39	9° 7	10°25	13°30	4°57	M26
T 27	12 40 56	12° 7'46	9♒22	17° 5	26°55	21° 8	22°21	2°40	14°37	2°59	5°40	9° 4	10°22	13°37	5° 1	T 27
W28	12 44 53	13° 6'23	22° 8	16°26	28° 9	21°54	22°14	2°38	14°35	3° 1	5°40	8°58	10°19	13°44	5° 4	W28
T 29	12 48 49	14° 4'58	5♓17	15°46	29°23	22°40	22° 7	2°36	14°33	3° 4	5°41	8°51	10°15	13°50	5° 8	T 29
F 30	12 52 46	15° 3'31	18°52	15° 4	0♈37	23°26	22° 1	2°34	14°31	3° 6	5°42	8°42	10°12	13°57	5°11	F 30
S 31	12 56 42	16♈ 2'03	2♈49	14♈22	1♈51	24♒12	21♍54	2♐32	14♍29	3♈ 8	5♒43	8♐33	10♐ 9	14♐ 4	5♈15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	5s20	7s56	4n52	0n48	0n32	14s23	1s 9	20s59	1s 2	3n16	1n39	18s59	1n55	6n25	0n49	0s39	1s35	26s36	7s46	22s16	22s19	22s16	4n 7	2n58	T 1
F 2	4 57	2 59	5 1	1 42	0 45	13 59	1 11	20 49	1 3	3 19	1 39	18 59	1 55	6 26	0 49	0 38	1 35	26 36	7 46	22 14	22 18	22 16	4 8	2 58	F 2
S 3	4 34	2n12	4 53	2 35	0 57	13 35	1 12	20 40	1 3	3 22	1 39	18 59	1 56	6 27	0 49	0 37	1 35	26 36	7 46	22 13	22 18	22 16	4 9	2 58	S 3
S 4	4 10	7 22	4 27	3 26	1 10	13 11	1 14	20 30	1 4	3 25	1 39	18 59	1 56	6 28	0 49	0 36	1 35	26 35	7 47	22 11	22 17	22 16	4 11	2 58	S 4
M 5	3 47	12 14	3 45	4 16	1 22	12 46	1 15	20 19	1 5	3 28	1 39	18 58	1 56	6 29	0 49	0 35	1 35	26 35	7 47	22 10	22 17	22 16	4 12	2 57	M 5
T 6	3 23	16 26	2 49	5 3	1 35	12 21	1 16	20 9	1 5	3 31	1 39	18 58	1 56	6 30	0 49	0 34	1 35	26 35	7 47	22 9	22 16	22 16	4 13	2 57	T 6
W 7	3 0	19 41	1 42	5 48	1 47	11 56	1 18	19 58	1 6	3 34	1 39	18 58	1 56	6 31	0 49	0 33	1 35	26 35	7 47	22 8	22 16	22 16	4 15	2 57	W 7
T 8	2 36	21 43	0 29	6 31	1 58	11 30	1 19	19 47	1 7	3 37	1 39	18 58	1 56	6 32	0 49	0 32	1 35	26 35	7 47	22 8	22 16	22 16	4 16	2 57	T 8
F 9	2 13	22 21	0s46	7 10	2 10	11 4	1 20	19 36	1 7	3 41	1 39	18 58	1 56	6 33	0 49	0 31	1 35	26 35	7 48	22 8	22 15	22 16	4 17	2 57	F 9
S 10	1 49	21 34	1 57	7 47	2 20	10 37	1 21	19 25	1 8	3 44	1 39	18 58	1 57	6 34	0 48	0 31	1 35	26 35	7 48	22 8	22 15	22 16	4 19	2 57	S 10
S 11	1 26	19 27	3 2	8 21	2 30	10 11	1 22	19 14	1 9	3 47	1 39	18 57	1 57	6 35	0 48	0 30	1 35	26 34	7 48	22 8	22 14	22 16	4 20	2 57	S 11
M12	1 2	16 13	3 54	8 51	2 40	9 44	1 23	19 2	1 9	3 50	1 39	18 57	1 57	6 36	0 48	0 29	1 35	26 34	7 48	22 7	22 14	22 16	4 21	2 57	M12
T 13	0 38	12 7	4 33	9 18	2 48	9 17	1 24	18 50	1 10	3 53	1 39	18 57	1 57	6 37	0 48	0 28	1 35	26 34	7 49	22 6	22 13	22 16	4 23	2 57	T 13
W14	0 15	7 27	4 56	9 42	2 56	8 49	1 25	18 38	1 11	3 56	1 39	18 57	1 57	6 38	0 48	0 27	1 35	26 34	7 49	22 5	22 13	22 16	4 24	2 57	W14
T 15	0n 9	2 29	5 2	10 1	3 2	8 22	1 26	18 26	1 11	3 59	1 39	18 56	1 57	6 39	0 48	0 26	1 35	26 34	7 49	22 3	22 12	22 16	4 25	2 57	T 15
F 16	0 32	2s30	4 52	10 17	3 8	7 54	1 26	18 14	1 12	4 2	1 39	18 56	1 57	6 40	0 48	0 25	1 35	26 34	7 49	22 2	22 12	22 16	4 27	2 57	F 16
S 17	0 56	7 17	4 26	10 30	3 12	7 26	1 27	18 1	1 13	4 5	1 39	18 56	1 57	6 41	0 48	0 24	1 35	26 34	7 49	22 0	22 12	22 16	4 28	2 57	S 17
S 18	1 19	11 40	3 48	10 38	3 15	6 57	1 28	17 48	1 13	4 8	1 39	18 55	1 58	6 42	0 48	0 23	1 35	26 34	7 50	21 58	22 11	22 16	4 29	2 56	S 18
M19	1 43	15 27	2 59	10 43	3 16	6 29	1 28	17 35	1 14	4 11	1 39	18 55	1 58	6 43	0 48	0 22	1 35	26 34	7 50	21 57	22 11	22 16	4 31	2 56	M19
T 20	2 6	18 30	2 3	10 43	3 16	6 0	1 28	17 22	1 15	4 14	1 39	18 55	1 58	6 44	0 48	0 22	1 35	26 34	7 50	21 56	22 10	22 16	4 32	2 56	T 20
W21	2 30	20 41	1 2	10 40	3 15	5 32	1 29	17 9	1 15	4 17	1 39	18 54	1 58	6 44	0 48	0 21	1 35	26 34	7 50	21 56	22 10	22 16	4 33	2 56	W21
T 22	2 53	21 56	0n 1	10 33	3 12	5 3	1 29	16 56	1 16	4 20	1 39	18 54	1 58	6 45	0 48	0 20	1 35	26 34	7 51	21 56	22 9	22 16	4 35	2 56	T 22
F 23	3 17	22 12	1 4	10 23	3 8	4 34	1 29	16 42	1 16	4 22	1 39	18 54	1 58	6 46	0 48	0 19	1 35	26 34	7 51	21 56	22 9	22 16	4 36	2 56	F 23
S 24	3 40	21 28	2 4	10 9	3 2	4 4	1 30	16 28	1 17	4 25	1 39	18 53	1 58	6 47	0 48	0 18	1 35	26 34	7 51	21 56	22 8	22 16	4 37	2 56	S 24
S 25	4 3	19 46	2 59	9 52	2 55	3 35	1 30	16 14	1 18	4 28	1 39	18 53	1 58	6 48	0 48	0 17	1 35	26 34	7 51	21 56	22 8	22 16	4 39	2 56	S 25
M26	4 26	17 9	3 48	9 31	2 46	3 6	1 30	16 0	1 18	4 31	1 39	18 52	1 58	6 49	0 48	0 16	1 35	26 34	7 52	21 56	22 7	22 16	4 40	2 56	M26
T 27	4 49	13 43	4 26	9 8	2 36	2 36	1 30	15 46	1 19	4 33	1 38	18 52	1 59	6 50	0 48	0 15	1 35	26 34	7 52	21 55	22 7	22 16	4 42	2 56	T 27
W28	5 12	9 35	4 53	8 43	2 24	2 6	1 30	15 32	1 19	4 36	1 38	18 51	1 59	6 50	0 48	0 14	1 35	26 34	7 52	21 54	22 7	22 16	4 43	2 56	W28
T 29	5 35	4 53	5 6	8 15	2 11	1 37	1 29	15 17	1 20	4 39	1 38	18 51	1 59	6 51	0 48	0 14	1 35	26 34	7 52	21 53	22 6	22 16	4 44	2 56	T 29
F 30	5 58	0n12	5 1	7 46	1 58	1 7	1 29	15 3	1 21	4 41	1 38	18 50	1 59	6 52	0 48	0 13	1 35	26 34	7 53	21 52	22 6	22 15	4 46	2 56	F 30
S 31	6n20	5n24	4n40	7n16	1n43	0s37	1s29	14s48	1s21	4n44	1n38	18s50	1n59	6n53	0n48	0s12	1s35	26s34	7s53	21s51	22s 5	22s15	4n47	2n56	S 31

Julian Day Number = 2102438.5, Delta T = 21m05s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'01, Lahiri = 10°32'01 Julian Calendar 1 March 1044 == Greg. Calendar 7 March 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

APRIL 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	13 0 39	17♈ 0'33	17♈ 6	13°R39	3♈ 5	24♒57	21°R48	2°R29	14°R26	3♈10	5♒44	8°R25	10♐ 6	14♐10	5♈18	S 1
M 2	13 4 35	17°59'00	1♉36	12♈58	4°18	25°43	21♏41	2♐27	14♏24	3°12	5°45	8♐19	10° 3	14°17	5°22	M 2
T 3	13 8 32	18°57'26	16°14	12°19	5°32	26°29	21°35	2°24	14°22	3°15	5°45	8°15	10° 0	14°24	5°25	T 3
W 4	13 12 29	19°55'50	0♊52	11°41	6°46	27°15	21°29	2°22	14°20	3°17	5°46	8°13	9°56	14°30	5°29	W 4
T 5	13 16 25	20°54'12	15°25	11° 7	8° 0	28° 0	21°23	2°19	14°19	3°19	5°47	8°D13	9°53	14°37	5°32	T 5
F 6	13 20 22	21°52'32	29°49	10°35	9°14	28°46	21°17	2°16	14°17	3°21	5°47	8°14	9°50	14°44	5°36	F 6
S 7	13 24 18	22°50'50	14♋ 0	10° 8	10°28	29°32	21°11	2°13	14°15	3°23	5°48	8°15	9°47	14°50	5°39	S 7
S 8	13 28 15	23°49'05	27°58	9°45	11°41	0♓18	21° 6	2°10	14°13	3°26	5°49	8°R15	9°44	14°57	5°42	S 8
M 9	13 32 11	24°47'18	11♌41	9°26	12°55	1° 3	21° 0	2° 7	14°11	3°28	5°49	8°14	9°40	15° 3	5°46	M 9
T 10	13 36 8	25°45'29	25°12	9°12	14° 9	1°49	20°55	2° 4	14° 9	3°30	5°50	8°11	9°37	15°10	5°49	T 10
W11	13 40 4	26°43'38	8♍28	9° 2	15°23	2°35	20°50	2° 1	14° 8	3°32	5°50	8° 6	9°34	15°17	5°53	W11
T 12	13 44 1	27°41'46	21°32	8°D58	16°37	3°20	20°45	1°58	14° 6	3°34	5°51	7°59	9°31	15°23	5°56	T 12
F 13	13 47 57	28°39'51	4♎22	8°58	17°50	4° 6	20°40	1°55	14° 4	3°36	5°51	7°53	9°28	15°30	5°59	F 13
S 14	13 51 54	29°37'54	17° 0	9° 3	19° 4	4°51	20°35	1°51	14° 3	3°38	5°52	7°46	9°25	15°37	6° 3	S 14
S 15	13 55 51	0♉35'56	29°25	9°12	20°18	5°37	20°31	1°48	14° 1	3°40	5°52	7°40	9°21	15°43	6° 6	S 15
M16	13 59 47	1°33'55	11♏38	9°27	21°32	6°23	20°26	1°45	14° 0	3°42	5°53	7°36	9°18	15°50	6° 9	M16
T 17	14 3 44	2°31'54	23°41	9°46	22°45	7° 8	20°22	1°41	13°58	3°44	5°53	7°33	9°15	15°57	6°12	T 17
W18	14 7 40	3°29'51	5♐37	10° 9	23°59	7°54	20°18	1°37	13°57	3°47	5°53	7°D32	9°12	16° 3	6°16	W18
T 19	14 11 37	4°27'46	17°26	10°37	25°13	8°39	20°14	1°34	13°56	3°49	5°54	7°33	9° 9	16°10	6°19	T 19
F 20	14 15 33	5°25'40	29°14	11° 8	26°27	9°24	20°10	1°30	13°54	3°51	5°54	7°34	9° 5	16°17	6°22	F 20
S 21	14 19 30	6°23'33	11♑ 3	11°44	27°40	10°10	20° 7	1°26	13°53	3°53	5°54	7°36	9° 2	16°23	6°25	S 21
S 22	14 23 26	7°21'24	22°59	12°24	28°54	10°55	20° 3	1°23	13°52	3°55	5°54	7°37	8°59	16°30	6°28	S 22
M23	14 27 23	8°19'14	5♒ 7	13° 7	0♉ 8	11°41	20° 0	1°19	13°51	3°56	5°55	7°R38	8°56	16°37	6°31	M23
T 24	14 31 20	9°17'03	17°30	13°54	1°22	12°26	19°57	1°15	13°49	3°58	5°55	7°38	8°53	16°43	6°35	T 24
W25	14 35 16	10°14'50	0♓15	14°45	2°35	13°11	19°54	1°11	13°48	4° 0	5°55	7°36	8°50	16°50	6°38	W25
T 26	14 39 13	11°12'36	13°23	15°38	3°49	13°57	19°51	1° 7	13°47	4° 2	5°55	7°34	8°46	16°56	6°41	T 26
F 27	14 43 9	12°10'21	26°58	16°35	5° 3	14°42	19°49	1° 3	13°46	4° 4	5°55	7°31	8°43	17° 3	6°44	F 27
S 28	14 47 6	13° 8'05	10♈59	17°36	6°16	15°27	19°46	0°59	13°45	4° 6	5°55	7°27	8°40	17°10	6°47	S 28
S 29	14 51 2	14° 5'48	25°24	18°39	7°30	16°12	19°44	0°55	13°44	4° 8	5°55	7°24	8°37	17°16	6°50	S 29
M30	14 54 59	15♉ 3'29	10♉ 8	19♈45	8♉44	16♓57	19♏42	0♐50	13♏44	4♈10	5♒55	7♐21	8♐34	17♐23	6♈53	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n43	10n26	4n 0	6n45	1n27	0s 7	1s28	14s33	1s22	4n46	1n38	18s49	1n59	6n54	0n48	0s11	1s35	26s34	7s53	21s49	22s 5	22s15	4n48	2n56
M 2	7 5	14 58	3 4	6 14	1 11	0n23	1 28	14 18	1 22	4 49	1 38	18 49	1 59	6 54	0 48	0 10	1 35	26 34	7 54	21 48	22 4	22 15	4 50	2 56
T 3	7 28	18 38	1 56	5 44	0 55	0 52	1 28	14 3	1 23	4 51	1 38	18 48	1 59	6 55	0 48	0 9	1 35	26 34	7 54	21 48	22 4	22 15	4 51	2 56
W 4	7 50	21 5	0 40	5 13	0 38	1 22	1 27	13 48	1 23	4 53	1 37	18 47	1 59	6 56	0 48	0 8	1 35	26 34	7 54	21 47	22 3	22 15	4 53	2 56
T 5	8 12	22 7	0s39	4 44	0 21	1 52	1 26	13 32	1 24	4 55	1 37	18 47	1 59	6 57	0 48	0 7	1 35	26 34	7 54	21 47	22 3	22 15	4 54	2 56
F 6	8 34	21 40	1 54	4 17	0 4	2 22	1 26	13 17	1 24	4 58	1 37	18 46	2 0	6 57	0 48	0 7	1 35	26 34	7 55	21 48	22 2	22 15	4 55	2 56
S 7	8 56	19 49	3 1	3 51	0s12	2 52	1 25	13 1	1 25	5 0	1 37	18 46	2 0	6 58	0 48	0 6	1 35	26 34	7 55	21 48	22 2	22 15	4 57	2 56
S 8	9 17	16 49	3 57	3 27	0 29	3 21	1 24	12 45	1 25	5 2	1 37	18 45	2 0	6 59	0 48	0 5	1 35	26 35	7 55	21 48	22 1	22 14	4 58	2 56
M 9	9 39	12 56	4 37	3 5	0 44	3 51	1 23	12 30	1 26	5 4	1 37	18 44	2 0	6 59	0 48	0 4	1 35	26 35	7 55	21 48	22 1	22 14	4 59	2 56
T 10	10 0	8 27	5 2	2 45	0 59	4 21	1 22	12 14	1 26	5 6	1 36	18 44	2 0	7 0	0 48	0 3	1 35	26 35	7 56	21 47	22 0	22 14	5 1	2 56
W11	10 21	3 39	5 10	2 28	1 14	4 50	1 21	11 58	1 27	5 8	1 36	18 43	2 0	7 1	0 48	0 2	1 35	26 35	7 56	21 46	22 0	22 14	5 2	2 56
T 12	10 42	1s14	5 1	2 14	1 28	5 20	1 20	11 42	1 27	5 9	1 36	18 42	2 0	7 1	0 48	0 2	1 35	26 35	7 56	21 45	21 59	22 14	5 3	2 56
F 13	11 3	5 59	4 38	2 2	1 40	5 49	1 19	11 25	1 28	5 11	1 36	18 41	2 0	7 2	0 48	0 1	1 35	26 35	7 57	21 44	21 59	22 14	5 5	2 56
S 14	11 24	10 24	4 1	1 53	1 53	6 18	1 18	11 9	1 28	5 13	1 36	18 41	2 0	7 2	0 48	0n 0	1 35	26 35	7 57	21 43	21 59	22 14	5 6	2 56
S 15	11 44	14 19	3 13	1 46	2 4	6 47	1 17	10 53	1 29	5 14	1 36	18 40	2 0	7 3	0 48	0 1	1 35	26 35	7 57	21 42	21 58	22 13	5 7	2 56
M16	12 5	17 34	2 17	1 42	2 14	7 16	1 16	10 36	1 29	5 16	1 35	18 39	2 0	7 4	0 48	0 2	1 35	26 36	7 57	21 41	21 58	22 13	5 9	2 56
T 17	12 25	20 0	1 15	1 41	2 24	7 45	1 14	10 19	1 30	5 18	1 35	18 38	2 0	7 4	0 48	0 2	1 35	26 36	7 58	21 41	21 57	22 13	5 10	2 56
W18	12 45	21 31	0 11	1 42	2 33	8 13	1 13	10 3	1 30	5 19	1 35	18 38	2 0	7 5	0 48	0 3	1 35	26 36	7 58	21 41	21 57	22 13	5 11	2 56
T 19	13 4	22 4	0n54	1 46	2 40	8 42	1 12	9 46	1 31	5 20	1 35	18 37	2 0	7 5	0 48	0 4	1 35	26 36	7 58	21 41	21 56	22 13	5 12	2 56
F 20	13 24	21 37	1 56	1 52	2 47	9 10	1 10	9 29	1 31	5 22	1 34	18 36	2 0	7 6	0 48	0 5	1 35	26 36	7 58	21 41	21 56	22 13	5 14	2 56
S 21	13 43	20 13	2 54	2 0	2 53	9 38	1 9	9 12	1 32	5 23	1 34	18 35	2 0	7 6	0 47	0 5	1 35	26 37	7 59	21 41	21 55	22 12	5 15	2 56
S 22	14 2	17 55	3 44	2 11	2 59	10 6	1 7	8 55	1 32	5 24	1 34	18 35	2 0	7 7	0 47	0 6	1 35	26 37	7 59	21 42	21 55	22 12	5 16	2 56
M23	14 21	14 48	4 25	2 24	3 3	10 33	1 5	8 38	1 32	5 25	1 34	18 34	2 0	7 7	0 47	0 7	1 35	26 37	7 59	21 42	21 54	22 12	5 18	2 56
T 24	14 40	10 59	4 55	2 39	3 7	11 1	1 4	8 21	1 33	5 26	1 34	18 33	2 1	7 7	0 47	0 8	1 35	26 37	8 0	21 42	21 54	22 12	5 19	2 56
W25	14 58	6 35	5 12	2 55	3 10	11 28	1 2	8 4	1 33	5 27	1 33	18 32	2 1	7 8	0 47	0 8	1 35	26 37	8 0	21 41	21 53	22 12	5 20	2 56
T 26	15 16	1 45	5 13	3 14	3 12	11 55	1 0	7 47	1 34	5 28	1 33	18 31	2 1	7 8	0 47	0 9	1 35	26 38	8 0	21 41	21 53	22 11	5 21	2 56
F 27	15 34	3n19	4 57	3 35	3 13	12 21	0 58	7 30	1 34	5 29	1 33	18 30	2 1	7 8	0 47	0 10	1 36	26 38	8 0	21 40	21 52	22 11	5 23	2 56
S 28	15 52	8 23	4 22	3 57	3 14	12 47	0 57	7 13	1 34	5 29	1 33	18 30	2 1	7 9	0 47	0 11	1 36	26 38	8 1	21 40	21 52	22 11	5 24	2 56
S 29	16 9	13 9	3 31	4 22	3 14	13 13	0 55	6 55	1 35	5 30	1 32	18 29	2 1	7 9	0 47	0 11	1 36	26 38	8 1	21 39	21 51	22 11	5 25	2 56
M30	16n26	17n13	2n24	4n47	3s13	13n39	0s53	6s38	1s35	5n31	1n32	18s28	2n 1	7n 9	0n47	0n12	1s36	26s39	8s 1	21s39	21s51	22s10	5n26	2n56

Julian Day Number = 2102469.5, Delta T = 21m05s
Ecliptic obliquity = 23°33'45, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'05, Lahiri = 10°32'05 Julian Calendar 1 Apr. 1044 == Greg. Calendar 7 Apr. 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

MAY 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 58 55	16♉ 1'09	25♉ 4	20♈54	9♉58	17♓42	19°R40	0°R46	13°R43	4♈11	5°R55	7°R20	8♐31	17♐30	6♈56	T 1
W 2	15 2 52	16°58'48	10♊ 4	22° 6	11°11	18°28	19♍39	0♐42	13♍42	4°13	5♒55	7°D20	8°27	17°36	6°59	W 2
T 3	15 6 49	17°56'26	24°59	23°21	12°25	19°13	19°37	0°38	13°41	4°15	5°55	7♐20	8°24	17°43	7° 1	T 3
F 4	15 10 45	18°54'02	9♋43	24°38	13°39	19°58	19°36	0°34	13°41	4°17	5°55	7°21	8°21	17°50	7° 4	F 4
S 5	15 14 42	19°51'36	24°10	25°58	14°52	20°42	19°35	0°29	13°40	4°18	5°55	7°23	8°18	17°56	7° 7	S 5
S 6	15 18 38	20°49'10	8♌17	27°21	16° 6	21°27	19°34	0°25	13°40	4°20	5°55	7°23	8°15	18° 3	7°10	S 6
M 7	15 22 35	21°46'41	22° 2	28°46	17°20	22°12	19°33	0°21	13°39	4°22	5°55	7°R24	8°11	18°10	7°13	M 7
T 8	15 26 31	22°44'11	5♍27	0♉14	18°33	22°57	19°32	0°16	13°39	4°24	5°55	7°23	8° 8	18°16	7°15	T 8
W 9	15 30 28	23°41'40	18°33	1°44	19°47	23°42	19°32	0°12	13°38	4°25	5°55	7°22	8° 5	18°23	7°18	W 9
T 10	15 34 24	24°39'07	1♎22	3°16	21° 1	24°26	19°32	0° 7	13°38	4°27	5°54	7°21	8° 2	18°30	7°21	T 10
F 11	15 38 21	25°36'33	13°55	4°52	22°15	25°11	19°D32	0° 3	13°38	4°28	5°54	7°19	7°59	18°36	7°23	F 11
S 12	15 42 18	26°33'58	26°16	6°29	23°28	25°56	19°32	29♏59	13°38	4°30	5°54	7°18	7°56	18°43	7°26	S 12
S 13	15 46 14	27°31'21	8♏26	8° 9	24°42	26°40	19°32	29°54	13°37	4°31	5°54	7°17	7°52	18°49	7°28	S 13
M14	15 50 11	28°28'44	20°27	9°52	25°56	27°25	19°33	29°50	13°37	4°33	5°53	7°16	7°49	18°56	7°31	M14
T 15	15 54 7	29°26'06	2♐22	11°37	27° 9	28° 9	19°33	29°45	13°37	4°34	5°53	7°D15	7°46	19° 3	7°33	T 15
W16	15 58 4	0♊23'26	14°12	13°25	28°23	28°53	19°34	29°41	13°D37	4°36	5°52	7°15	7°43	19° 9	7°36	W16
T 17	16 2 0	1°20'47	26° 0	15°15	29°37	29°38	19°35	29°37	13°37	4°37	5°52	7°16	7°40	19°16	7°38	T 17
F 18	16 5 57	2°18'06	7♑48	17° 7	0♊50	0♈22	19°36	29°32	13°37	4°39	5°52	7°16	7°37	19°23	7°40	F 18
S 19	16 9 53	3°15'24	19°40	19° 1	2° 4	1° 6	19°38	29°28	13°38	4°40	5°51	7°17	7°33	19°29	7°43	S 19
S 20	16 13 50	4°12'42	1♒39	20°58	3°18	1°51	19°39	29°23	13°38	4°42	5°51	7°17	7°30	19°36	7°45	S 20
M21	16 17 47	5°10'00	13°48	22°57	4°31	2°35	19°41	29°19	13°38	4°43	5°50	7°17	7°27	19°43	7°47	M21
T 22	16 21 43	6° 7'17	26°11	24°59	5°45	3°19	19°43	29°15	13°38	4°44	5°50	7°17	7°24	19°49	7°49	T 22
W23	16 25 40	7° 4'33	8♓53	27° 2	6°59	4° 3	19°45	29°10	13°39	4°45	5°49	7°17	7°21	19°56	7°52	W23
T 24	16 29 36	8° 1'49	21°56	29° 7	8°12	4°47	19°47	29° 6	13°39	4°47	5°49	7°17	7°17	20° 3	7°54	T 24
F 25	16 33 33	8°59'05	5♈25	1♊13	9°26	5°31	19°50	29° 1	13°40	4°48	5°48	7°18	7°14	20° 9	7°56	F 25
S 26	16 37 29	9°56'20	19°20	3°21	10°40	6°14	19°53	28°57	13°40	4°49	5°47	7°18	7°11	20°16	7°58	S 26
S 27	16 41 26	10°53'36	3♉41	5°31	11°53	6°58	19°55	28°53	13°41	4°50	5°47	7°18	7° 8	20°23	8° 0	S 27
M28	16 45 22	11°50'50	18°25	7°41	13° 7	7°42	19°58	28°49	13°41	4°51	5°46	7°18	7° 5	20°29	8° 2	M28
T 29	16 49 19	12°48'05	3♊26	9°52	14°21	8°25	20° 1	28°44	13°42	4°53	5°45	7°R18	7° 2	20°36	8° 4	T 29
W30	16 53 16	13°45'19	18°35	12° 3	15°34	9° 9	20° 5	28°40	13°43	4°54	5°45	7°18	6°58	20°42	8° 5	W30
T 31	16 57 12	14♊42'33	3♋45	14♊15	16♊48	9♈52	20♍ 8	28♏36	13♍43	4♈55	5♒44	7♐18	6♐55	20♐49	8♈ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	16n43	20n13	1n 7	5n15	3s11	14n 4	0s51	6s21	1s35	5n31	1n32	18s27	2n 1	7n10	0n47	0n13	1s36	26s39	8s 2	21s39	21s50	22s10	5n27	2n56	
W 2	17 0	21 49	0s15	5 43	3 9	14 29	0 49	6 3	1 36	5 32	1 32	18 26	2 1	7 10	0 47	0 13	1 36	26 39	8 2	21 39	21 50	22 10	5 29	2 56	
T 3	17 16	21 52	1 36	6 14	3 7	14 54	0 47	5 46	1 36	5 32	1 31	18 25	2 1	7 10	0 47	0 14	1 36	26 40	8 2	21 39	21 49	22 10	5 30	2 56	
F 4	17 32	20 23	2 50	6 45	3 3	15 18	0 45	5 28	1 36	5 32	1 31	18 24	2 1	7 10	0 47	0 15	1 36	26 40	8 2	21 39	21 49	22 9	5 31	2 56	
S 5	17 48	17 36	3 51	7 18	2 59	15 42	0 43	5 11	1 37	5 32	1 31	18 24	2 1	7 10	0 47	0 15	1 36	26 40	8 3	21 39	21 48	22 9	5 32	2 56	
S 6	18 3	13 50	4 37	7 52	2 54	16 5	0 41	4 53	1 37	5 33	1 31	18 23	2 1	7 11	0 47	0 16	1 36	26 40	8 3	21 39	21 48	22 9	5 33	2 56	
M 7	18 18	9 25	5 5	8 27	2 49	16 29	0 39	4 36	1 37	5 33	1 30	18 22	2 0	7 11	0 47	0 17	1 36	26 41	8 3	21 39	21 47	22 9	5 34	2 56	
T 8	18 33	4 39	5 16	9 4	2 43	16 51	0 36	4 18	1 37	5 33	1 30	18 21	2 0	7 11	0 47	0 17	1 36	26 41	8 4	21 39	21 47	22 8	5 36	2 57	
W 9	18 48	0s13	5 11	9 41	2 37	17 13	0 34	4 1	1 38	5 33	1 30	18 20	2 0	7 11	0 47	0 18	1 36	26 41	8 4	21 39	21 46	22 8	5 37	2 57	
T 10	19 2	4 58	4 49	10 19	2 30	17 35	0 32	3 43	1 38	5 32	1 30	18 19	2 0	7 11	0 47	0 18	1 36	26 42	8 4	21 39	21 46	22 8	5 38	2 57	
F 11	19 16	9 25	4 15	10 58	2 23	17 57	0 30	3 26	1 38	5 32	1 29	18 18	2 0	7 11	0 47	0 19	1 36	26 42	8 4	21 39	21 45	22 7	5 39	2 57	
S 12	19 29	13 25	3 28	11 38	2 15	18 17	0 28	3 8	1 38	5 32	1 29	18 17	2 0	7 11	0 47	0 20	1 36	26 42	8 5	21 38	21 45	22 7	5 40	2 57	
S 13	19 42	16 48	2 33	12 18	2 7	18 38	0 25	2 50	1 39	5 32	1 29	18 17	2 0	7 11	0 47	0 20	1 36	26 43	8 5	21 38	21 44	22 7	5 41	2 57	
M14	19 55	19 26	1 32	12 59	1 58	18 58	0 23	2 33	1 39	5 31	1 29	18 16	2 0	7 11	0 47	0 21	1 36	26 43	8 5	21 38	21 44	22 6	5 42	2 57	
T 15	20 8	21 11	0 27	13 40	1 49	19 17	0 21	2 15	1 39	5 31	1 28	18 15	2 0	7 11	0 47	0 21	1 36	26 43	8 5	21 38	21 43	22 6	5 43	2 57	
W16	20 20	21 59	0n39	14 22	1 39	19 36	0 18	1 58	1 39	5 30	1 28	18 14	2 0	7 11	0 46	0 22	1 36	26 44	8 6	21 38	21 43	22 6	5 44	2 57	
T 17	20 32	21 48	1 42	15 4	1 29	19 55	0 16	1 40	1 40	5 29	1 28	18 13	2 0	7 11	0 46	0 22	1 36	26 44	8 6	21 38	21 42	22 5	5 45	2 57	
F 18	20 44	20 38	2 42	15 46	1 19	20 12	0 14	1 23	1 40	5 29	1 28	18 12	2 0	7 11	0 46	0 23	1 36	26 44	8 6	21 38	21 41	22 5	5 46	2 57	
S 19	20 55	18 34	3 35	16 28	1 9	20 30	0 11	1 5	1 40	5 28	1 27	18 11	2 0	7 11	0 46	0 23	1 37	26 45	8 7	21 38	21 41	22 5	5 47	2 57	
S 20	21 6	15 42	4 19	17 10	0 58	20 46	0 9	0 48	1 40	5 27	1 27	18 10	2 0	7 11	0 46	0 24	1 37	26 45	8 7	21 38	21 40	22 4	5 48	2 57	
M21	21 16	12 7	4 52	17 51	0 47	21 3	0 7	0 30	1 40	5 26	1 27	18 10	2 0	7 11	0 46	0 24	1 37	26 46	8 7	21 38	21 40	22 4	5 49	2 57	
T 22	21 26	7 58	5 12	18 31	0 36	21 18	0 4	0 13	1 40	5 25	1 27	18 9	2 0	7 11	0 46	0 25	1 37	26 46	8 7	21 38	21 39	22 4	5 50	2 57	
W23	21 36	3 22	5 18	19 11	0 25	21 33	0 2	0n 5	1 40	5 24	1 26	18 8	2 0	7 10	0 46	0 25	1 37	26 46	8 8	21 38	21 39	22 3	5 51	2 58	
T 24	21 46	1n30	5 8	19 50	0 14	21 48	0n 1	0 22	1 41	5 23	1 26	18 7	1 59	7 10	0 46	0 26	1 37	26 47	8 8	21 38	21 38	22 3	5 52	2 58	
F 25	21 55	6 27	4 41	20 28	0 3	22 2	0 3	0 40	1 41	5 22	1 26	18 6	1 59	7 10	0 46	0 26	1 37	26 47	8 8	21 38	21 38	22 3	5 53	2 58	
S 26	22 3	11 15	3 56	21 4	0n 8	22 15	0 5	0 57	1 41	5 20	1 26	18 5	1 59	7 10	0 46	0 27	1 37	26 48	8 8	21 38	21 37	22 2	5 54	2 58	
S 27	22 12	15 34	2 56	21 38	0 18	22 27	0 8	1 14	1 41	5 19	1 25	18 4	1 59	7 9	0 46	0 27	1 37	26 48	8 9	21 38	21 37	22 2	5 54	2 58	
M28	22 19	19 3	1 43	22 10	0 29	22 39	0 10	1 31	1 41	5 18	1 25	18 4	1 59	7 9	0 46	0 27	1 37	26 48	8 9	21 38	21 36	22 2	5 55	2 58	
T 29	22 27	21 18	0 22	22 41	0 39	22 51	0 12	1 49	1 41	5 16	1 25	18 3	1 59	7 9	0 46	0 28	1 37	26 49	8 9	21 38	21 36	22 1	5 56	2 58	
W30	22 34	22 2	1s 2	23 9	0 48	23 1	0 15	2 6	1 41	5 15	1 25	18 2	1 59	7 9	0 46	0 28	1 37	26 49	8 9	21 38	21 35	22 1	5 57	2 58	
T 31	22n41	21n 9	2s22	23n34	0n57	23n11	0n17	2n23	1s41	5n13	1n24	18s 1	1n59	7n 8	0n46	0n29	1s37	26s50	8s10	21s38	21s35	22s 0	5n58	2n58	

Julian Day Number = 2102499.5, Delta T = 21m04s
Ecliptic obliquity = 23°33'44, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'09, Lahiri = 10°32'09 Julian Calendar 1 May 1044 == Greg. Calendar 7 May 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

JUNE 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	17 1 9	15♊39'46	18♋45	16♊26	18♊ 2	10♈36	20♍12	28°R32	13♍44	4♈56	5°R43	7°R17	6♐52	20♐56	8♈ 9	F 1
S 2	17 5 5	16°36'59	3♌28	18°37	19°16	11°19	20°16	28♏28	13°45	4°57	5♒42	7♐16	6°49	21° 2	8°11	S 2
S 3	17 9 2	17°34'10	17°48	20°48	20°29	12° 2	20°19	28°24	13°46	4°58	5°42	7°15	6°46	21° 9	8°12	S 3
M 4	17 12 58	18°31'22	1♍42	22°58	21°43	12°45	20°24	28°20	13°47	4°59	5°41	7°14	6°43	21°16	8°14	M 4
T 5	17 16 55	19°28'32	15°10	25° 6	22°57	13°28	20°28	28°16	13°48	5° 0	5°40	7°D14	6°39	21°22	8°16	T 5
W 6	17 20 52	20°25'43	28°14	27°13	24°10	14°11	20°32	28°12	13°49	5° 0	5°39	7°14	6°36	21°29	8°17	W 6
T 7	17 24 48	21°22'52	10♎56	29°19	25°24	14°54	20°37	28° 8	13°50	5° 1	5°38	7°15	6°33	21°36	8°19	T 7
F 8	17 28 45	22°20'02	23°21	1♋23	26°38	15°37	20°42	28° 4	13°52	5° 2	5°37	7°16	6°30	21°42	8°20	F 8
S 9	17 32 41	23°17'10	5♏31	3°26	27°52	16°20	20°46	28° 0	13°53	5° 3	5°37	7°17	6°27	21°49	8°22	S 9
S 10	17 36 38	24°14'19	17°31	5°27	29° 5	17° 3	20°52	27°56	13°54	5° 4	5°36	7°18	6°23	21°56	8°23	S 10
M11	17 40 34	25°11'27	29°24	7°25	0♋19	17°45	20°57	27°53	13°56	5° 4	5°35	7°19	6°20	22° 2	8°24	M11
T 12	17 44 31	26° 8'36	11♐13	9°22	1°33	18°28	21° 2	27°49	13°57	5° 5	5°34	7°R19	6°17	22° 9	8°25	T 12
W13	17 48 27	27° 5'44	23° 1	11°18	2°46	19°10	21° 8	27°46	13°58	5° 6	5°33	7°19	6°14	22°16	8°27	W13
T 14	17 52 24	28° 2'52	4♑50	13°11	4° 0	19°52	21°13	27°42	14° 0	5° 6	5°32	7°17	6°11	22°22	8°28	T 14
F 15	17 56 21	29° 0'01	16°42	15° 2	5°14	20°34	21°19	27°39	14° 1	5° 7	5°31	7°14	6° 8	22°29	8°29	F 15
S 16	18 0 17	29°57'09	28°40	16°51	6°28	21°17	21°25	27°35	14° 3	5° 7	5°30	7°11	6° 4	22°36	8°30	S 16
S 17	18 4 14	0♋54'18	10♒45	18°38	7°41	21°59	21°31	27°32	14° 5	5° 8	5°29	7° 7	6° 1	22°42	8°31	S 17
M18	18 8 10	1°51'27	23° 0	20°23	8°55	22°41	21°37	27°29	14° 6	5° 8	5°28	7° 3	5°58	22°49	8°32	M18
T 19	18 12 7	2°48'36	5♓28	22° 6	10° 9	23°22	21°43	27°25	14° 8	5° 9	5°27	7° 0	5°55	22°55	8°33	T 19
W20	18 16 3	3°45'46	18°11	23°47	11°23	24° 4	21°50	27°22	14°10	5° 9	5°25	6°58	5°52	23° 2	8°34	W20
T 21	18 20 0	4°42'56	1♈13	25°26	12°36	24°46	21°57	27°19	14°12	5°10	5°24	6°D57	5°49	23° 9	8°35	T 21
F 22	18 23 56	5°40'07	14°35	27° 3	13°50	25°27	22° 3	27°16	14°14	5°10	5°23	6°57	5°45	23°15	8°35	F 22
S 23	18 27 53	6°37'18	28°21	28°38	15° 4	26° 9	22°10	27°13	14°15	5°10	5°22	6°58	5°42	23°22	8°36	S 23
S 24	18 31 50	7°34'30	12♉30	0♌11	16°18	26°50	22°17	27°10	14°17	5°11	5°21	7° 0	5°39	23°29	8°37	S 24
M25	18 35 46	8°31'43	27° 2	1°42	17°31	27°31	22°24	27° 8	14°19	5°11	5°20	7° 1	5°36	23°35	8°37	M25
T 26	18 39 43	9°28'57	11♊53	3°11	18°45	28°13	22°32	27° 5	14°21	5°11	5°19	7°R 1	5°33	23°42	8°38	T 26
W27	18 43 39	10°26'11	26°58	4°38	19°59	28°54	22°39	27° 2	14°24	5°11	5°17	7° 0	5°29	23°49	8°38	W27
T 28	18 47 36	11°23'26	12♋ 7	6° 3	21°13	29°34	22°47	27° 0	14°26	5°12	5°16	6°57	5°26	23°55	8°39	T 28
F 29	18 51 32	12°20'41	27°12	7°26	22°27	0♉15	22°54	26°57	14°28	5°12	5°15	6°53	5°23	24° 2	8°39	F 29
S 30	18 55 29	13♋17'57	12♌ 3	8♌46	23♋41	0♉56	23♍ 2	26♏55	14♍30	5♈12	5♒14	6♐48	5♐20	24♐ 9	8♈40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	22n47	18n46	3s30	23n57	1n 6	23n20	0n19	2n40	1s41	5n11	1n24	18s 0	1n59	7n 8	0n46	0n29	1s37	26s50	8s10	21s38	21s34	22s 0	5n59	2n58	
S 2	22 53	15 12	4 24	24 18	1 14	23 29	0 22	2 57	1 41	5 10	1 24	18 0	1 58	7 7	0 46	0 29	1 37	26 50	8 10	21 38	21 34	22 0	5 59	2 58	
S 3	22 59	10 50	4 59	24 35	1 21	23 37	0 24	3 14	1 41	5 8	1 24	17 59	1 58	7 7	0 46	0 30	1 37	26 51	8 10	21 38	21 33	21 59	6 0	2 58	
M 4	23 4	6 0	5 16	24 50	1 28	23 44	0 26	3 31	1 41	5 6	1 23	17 58	1 58	7 7	0 46	0 30	1 37	26 51	8 10	21 38	21 32	21 59	6 1	2 59	
T 5	23 9	1 3	5 14	25 2	1 34	23 51	0 29	3 48	1 41	5 4	1 23	17 57	1 58	7 6	0 46	0 30	1 37	26 52	8 11	21 38	21 32	21 58	6 2	2 59	
W 6	23 13	3s49	4 56	25 11	1 39	23 57	0 31	4 4	1 41	5 2	1 23	17 57	1 58	7 6	0 46	0 31	1 37	26 52	8 11	21 38	21 31	21 58	6 2	2 59	
T 7	23 17	8 24	4 24	25 17	1 43	24 2	0 33	4 21	1 41	5 0	1 23	17 56	1 58	7 5	0 46	0 31	1 38	26 53	8 11	21 38	21 31	21 57	6 3	2 59	
F 8	23 20	12 31	3 40	25 20	1 47	24 6	0 35	4 38	1 41	4 58	1 22	17 55	1 58	7 5	0 45	0 31	1 38	26 53	8 11	21 38	21 30	21 57	6 4	2 59	
S 9	23 23	16 3	2 47	25 21	1 50	24 10	0 37	4 54	1 41	4 56	1 22	17 54	1 57	7 4	0 45	0 31	1 38	26 54	8 12	21 38	21 30	21 57	6 4	2 59	
S 10	23 26	18 52	1 48	25 19	1 53	24 13	0 40	5 10	1 41	4 54	1 22	17 54	1 57	7 4	0 45	0 32	1 38	26 54	8 12	21 38	21 29	21 56	6 5	2 59	
M11	23 28	20 50	0 44	25 15	1 54	24 15	0 42	5 27	1 41	4 51	1 22	17 53	1 57	7 3	0 45	0 32	1 38	26 54	8 12	21 39	21 29	21 56	6 5	2 59	
T 12	23 30	21 53	0n22	25 8	1 55	24 17	0 44	5 43	1 41	4 49	1 21	17 52	1 57	7 3	0 45	0 32	1 38	26 55	8 12	21 39	21 28	21 55	6 6	2 59	
W13	23 32	21 57	1 26	25 0	1 55	24 18	0 46	5 59	1 41	4 47	1 21	17 52	1 57	7 2	0 45	0 32	1 38	26 55	8 12	21 38	21 28	21 55	6 7	2 59	
T 14	23 33	21 2	2 26	24 49	1 55	24 18	0 48	6 15	1 41	4 44	1 21	17 51	1 57	7 1	0 45	0 32	1 38	26 56	8 13	21 38	21 27	21 54	6 7	3 0	
F 15	23 33	19 12	3 20	24 36	1 54	24 17	0 50	6 32	1 40	4 42	1 21	17 51	1 57	7 1	0 45	0 33	1 38	26 56	8 13	21 38	21 26	21 54	6 8	3 0	
S 16	23 34	16 31	4 6	24 21	1 52	24 16	0 52	6 47	1 40	4 39	1 21	17 50	1 56	7 0	0 45	0 33	1 38	26 57	8 13	21 37	21 26	21 53	6 8	3 0	
S 17	23 34	13 6	4 42	24 4	1 50	24 14	0 54	7 3	1 40	4 37	1 20	17 49	1 56	6 59	0 45	0 33	1 38	26 57	8 13	21 37	21 25	21 53	6 9	3 0	
M18	23 33	9 7	5 5	23 46	1 47	24 11	0 56	7 19	1 40	4 34	1 20	17 49	1 56	6 59	0 45	0 33	1 38	26 58	8 13	21 36	21 25	21 52	6 9	3 0	
T 19	23 32	4 41	5 14	23 26	1 43	24 8	0 57	7 35	1 40	4 31	1 20	17 48	1 56	6 58	0 45	0 33	1 38	26 58	8 14	21 35	21 24	21 52	6 10	3 0	
W20	23 30	0n 2	5 8	23 5	1 39	24 3	0 59	7 50	1 40	4 28	1 20	17 48	1 56	6 57	0 45	0 33	1 38	26 59	8 14	21 35	21 24	21 51	6 10	3 0	
T 21	23 29	4 52	4 47	22 42	1 34	23 58	1 1	8 6	1 39	4 26	1 19	17 47	1 55	6 56	0 45	0 33	1 38	26 59	8 14	21 35	21 23	21 51	6 11	3 0	
F 22	23 26	9 36	4 9	22 19	1 29	23 53	1 3	8 21	1 39	4 23	1 19	17 47	1 55	6 56	0 45	0 34	1 38	26 59	8 14	21 35	21 23	21 50	6 11	3 0	
S 23	23 24	14 0	3 16	21 54	1 23	23 46	1 4	8 36	1 39	4 20	1 19	17 46	1 55	6 55	0 45	0 34	1 39	27 0	8 14	21 35	21 22	21 50	6 11	3 0	
S 24	23 21	17 44	2 10	21 28	1 17	23 39	1 6	8 52	1 39	4 17	1 19	17 46	1 55	6 54	0 45	0 34	1 39	27 0	8 15	21 35	21 21	21 49	6 12	3 1	
M25	23 17	20 29	0 55	21 2	1 11	23 32	1 8	9 7	1 39	4 14	1 19	17 45	1 55	6 53	0 45	0 34	1 39	27 1	8 15	21 36	21 21	21 49	6 12	3 1	
T 26	23 13	21 53	0s27	20 34	1 3	23 23	1 9	9 22	1 38	4 11	1 18	17 45	1 54	6 53	0 45	0 34	1 39	27 1	8 15	21 36	21 20	21 48	6 12	3 1	
W27	23 9	21 45	1 47	20 6	0 56	23 14	1 11	9 37	1 38	4 8	1 18	17 45	1 54	6 52	0 45	0 34	1 39	27 2	8 15	21 35	21 20	21 48	6 13	3 1	
T 28	23 4	20 1	3 0	19 38	0 48	23 4	1 12	9 51	1 38	4 4	1 18	17 44	1 54	6 51	0 45	0 34	1 39	27 2	8 15	21 35	21 19	21 47	6 13	3 1	
F 29	22 59	16 54	4 0	19 9	0 39	22 53	1 14	10 6	1 38	4 1	1 18	17 44	1 54	6 50	0 45	0 34	1 39	27 3	8 15	21 34	21 19	21 47	6 13	3 1	
S 30	22n54	12n44	4s43	18n39	0n31	22n42	1n15	10n20	1s37	3n58	1n18	17s43	1n54	6n49	0n45	0n34	1s39	27s 3	8s16	21s33	21s18	21s46	6n13	3n 1	

Julian Day Number = 2102530.5, Delta T = 21m04s
Ecliptic obliquity = 23°33'43, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'13, Lahiri = 10°32'14 Julian Calendar 1 June 1044 == Greg. Calendar 7 June 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

JULY 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 59 25	14♋15'13	26♌32	10♌ 4	24♋54	1♉36	23♍10	26°R53	14♍32	5♈12	5°R13	6°R42	5♐17	24♐15	8♈40	S 1
M 2	19 3 22	15°12'29	10♍35	11°20	26° 8	2°17	23°18	26♏50	14°35	5°12	5♒11	6♐38	5°14	24°22	8°40	M 2
T 3	19 7 19	16° 9'46	24° 9	12°34	27°22	2°57	23°26	26°48	14°37	5°R12	5°10	6°34	5°10	24°29	8°40	T 3
W 4	19 11 15	17° 7'03	7♎16	13°45	28°36	3°37	23°34	26°46	14°39	5°12	5° 9	6°32	5° 7	24°35	8°40	W 4
T 5	19 15 12	18° 4'20	19°58	14°54	29°50	4°17	23°43	26°44	14°42	5°12	5° 7	6°D32	5° 4	24°42	8°41	T 5
F 6	19 19 8	19° 1'38	2♏20	16° 1	1♌ 3	4°57	23°51	26°42	14°44	5°12	5° 6	6°32	5° 1	24°49	8°R41	F 6
S 7	19 23 5	19°58'57	14°26	17° 4	2°17	5°37	24° 0	26°41	14°47	5°12	5° 5	6°34	4°58	24°55	8°41	S 7
S 8	19 27 1	20°56'16	26°22	18° 5	3°31	6°17	24° 8	26°39	14°49	5°12	5° 4	6°35	4°55	25° 2	8°40	S 8
M 9	19 30 58	21°53'36	8♐11	19° 3	4°45	6°56	24°17	26°37	14°52	5°11	5° 2	6°R36	4°51	25° 9	8°40	M 9
T 10	19 34 54	22°50'56	19°58	19°59	5°59	7°35	24°26	26°36	14°55	5°11	5° 1	6°34	4°48	25°15	8°40	T 10
W11	19 38 51	23°48'18	1♑47	20°51	7°12	8°15	24°35	26°34	14°57	5°11	5° 0	6°31	4°45	25°22	8°40	W11
T 12	19 42 48	24°45'40	13°40	21°40	8°26	8°54	24°44	26°33	15° 0	5°11	4°58	6°26	4°42	25°29	8°40	T 12
F 13	19 46 44	25°43'03	25°40	22°25	9°40	9°33	24°53	26°32	15° 3	5°10	4°57	6°19	4°39	25°35	8°39	F 13
S 14	19 50 41	26°40'27	7♒48	23° 7	10°54	10°12	25° 3	26°31	15° 6	5°10	4°56	6°11	4°35	25°42	8°39	S 14
S 15	19 54 37	27°37'51	20° 5	23°45	12° 8	10°50	25°12	26°30	15° 8	5°10	4°54	6° 1	4°32	25°48	8°38	S 15
M16	19 58 34	28°35'17	2♓33	24°20	13°22	11°29	25°22	26°29	15°11	5° 9	4°53	5°52	4°29	25°55	8°38	M16
T 17	20 2 30	29°32'45	15°12	24°50	14°35	12° 7	25°31	26°28	15°14	5° 9	4°52	5°44	4°26	26° 2	8°37	T 17
W18	20 6 27	0♈30'13	28° 4	25°16	15°49	12°46	25°41	26°27	15°17	5° 8	4°50	5°38	4°23	26° 8	8°37	W18
T 19	20 10 23	1°27'43	11♈10	25°37	17° 3	13°24	25°51	26°26	15°20	5° 8	4°49	5°34	4°20	26°15	8°36	T 19
F 20	20 14 20	2°25'14	24°32	25°54	18°17	14° 2	26° 1	26°26	15°23	5° 7	4°48	5°32	4°16	26°22	8°36	F 20
S 21	20 18 17	3°22'47	8♉11	26° 6	19°31	14°39	26°11	26°25	15°26	5° 7	4°46	5°D32	4°13	26°28	8°35	S 21
S 22	20 22 13	4°20'21	22° 9	26°13	20°44	15°17	26°21	26°25	15°29	5° 6	4°45	5°32	4°10	26°35	8°34	S 22
M23	20 26 10	5°17'57	6♊26	26°R14	21°58	15°54	26°31	26°25	15°32	5° 5	4°44	5°R33	4° 7	26°42	8°33	M23
T 24	20 30 6	6°15'35	21° 0	26°10	23°12	16°32	26°41	26°24	15°35	5° 5	4°42	5°32	4° 4	26°48	8°32	T 24
W25	20 34 3	7°13'14	5♋47	26° 1	24°26	17° 9	26°52	26°24	15°38	5° 4	4°41	5°29	4° 1	26°55	8°31	W25
T 26	20 37 59	8°10'54	20°42	25°46	25°40	17°46	27° 2	26°D24	15°42	5° 3	4°40	5°23	3°57	27° 2	8°30	T 26
F 27	20 41 56	9° 8'36	5♌36	25°25	26°53	18°23	27°13	26°24	15°45	5° 3	4°38	5°15	3°54	27° 8	8°29	F 27
S 28	20 45 52	10° 6'19	20°21	24°59	28° 7	18°59	27°23	26°25	15°48	5° 2	4°37	5° 6	3°51	27°15	8°28	S 28
S 29	20 49 49	11° 4'04	4♍49	24°28	29°21	19°35	27°34	26°25	15°51	5° 1	4°36	4°56	3°48	27°22	8°27	S 29
M30	20 53 46	12° 1'50	18°53	23°51	0♍35	20°12	27°45	26°25	15°54	5° 0	4°34	4°46	3°45	27°28	8°26	M30
T 31	20 57 42	12♌59'37	2♎30	23♌10	1♍49	20♉48	27♍55	26♏26	15♍58	4♈59	4♒33	4♐38	3♐41	27♐35	8♈25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n48	7n56	5s 6	18n 9	0n22	22n30	1n16	10n35	1s37	3n55	1n17	17s43	1n53	6n48	0n45	0n34	1s39	27s 4	8s16	21s32	21s17	21s46	6n14	3n 1
M 2	22 41	2 51	5 10	17 39	0 12	22 18	1 17	10 49	1 37	3 51	1 17	17 43	1 53	6 47	0 45	0 34	1 39	27 4	8 16	21 32	21 17	21 45	6 14	3 1
T 3	22 35	2s12	4 57	17 9	0 2	22 5	1 19	11 3	1 36	3 48	1 17	17 43	1 53	6 46	0 45	0 34	1 39	27 5	8 16	21 31	21 16	21 45	6 14	3 2
W 4	22 28	7 0	4 28	16 39	0s 8	21 51	1 20	11 17	1 36	3 44	1 17	17 42	1 53	6 45	0 44	0 34	1 39	27 5	8 16	21 31	21 16	21 44	6 14	3 2
T 5	22 20	11 20	3 46	16 9	0 18	21 36	1 21	11 31	1 36	3 41	1 17	17 42	1 53	6 44	0 44	0 34	1 39	27 5	8 16	21 31	21 15	21 43	6 14	3 2
F 6	22 12	15 5	2 55	15 39	0 29	21 21	1 22	11 45	1 35	3 37	1 16	17 42	1 52	6 43	0 44	0 33	1 39	27 6	8 16	21 31	21 15	21 43	6 14	3 2
S 7	22 4	18 7	1 57	15 10	0 40	21 6	1 23	11 58	1 35	3 34	1 16	17 42	1 52	6 42	0 44	0 33	1 39	27 6	8 16	21 31	21 14	21 42	6 14	3 2
S 8	21 55	20 20	0 55	14 40	0 51	20 49	1 23	12 12	1 34	3 30	1 16	17 41	1 52	6 41	0 44	0 33	1 39	27 7	8 17	21 31	21 13	21 42	6 15	3 2
M 9	21 46	21 39	0n 9	14 11	1 3	20 32	1 24	12 25	1 34	3 26	1 16	17 41	1 52	6 40	0 44	0 33	1 39	27 7	8 17	21 31	21 13	21 41	6 15	3 2
T 10	21 37	21 59	1 12	13 43	1 15	20 15	1 25	12 38	1 34	3 23	1 16	17 41	1 52	6 39	0 44	0 33	1 40	27 8	8 17	21 31	21 12	21 41	6 15	3 2
W11	21 27	21 21	2 12	13 15	1 26	19 57	1 26	12 51	1 33	3 19	1 15	17 41	1 51	6 38	0 44	0 33	1 40	27 8	8 17	21 31	21 12	21 40	6 15	3 2
T 12	21 17	19 46	3 7	12 48	1 38	19 38	1 26	13 4	1 33	3 15	1 15	17 41	1 51	6 37	0 44	0 33	1 40	27 9	8 17	21 30	21 11	21 39	6 15	3 2
F 13	21 7	17 18	3 53	12 22	1 51	19 19	1 27	13 17	1 32	3 11	1 15	17 41	1 51	6 36	0 44	0 32	1 40	27 9	8 17	21 28	21 11	21 39	6 15	3 3
S 14	20 56	14 4	4 30	11 57	2 3	18 59	1 27	13 30	1 32	3 7	1 15	17 41	1 51	6 35	0 44	0 32	1 40	27 9	8 17	21 27	21 10	21 38	6 14	3 3
S 15	20 44	10 12	4 55	11 33	2 15	18 39	1 28	13 43	1 31	3 3	1 15	17 41	1 50	6 34	0 44	0 32	1 40	27 10	8 17	21 25	21 9	21 38	6 14	3 3
M16	20 33	5 52	5 6	11 10	2 27	18 18	1 28	13 55	1 31	3 0	1 15	17 41	1 50	6 33	0 44	0 32	1 40	27 10	8 17	21 24	21 9	21 37	6 14	3 3
T 17	20 21	1 13	5 2	10 48	2 39	17 57	1 29	14 7	1 30	2 56	1 14	17 41	1 50	6 31	0 44	0 32	1 40	27 11	8 18	21 22	21 8	21 36	6 14	3 3
W18	20 9	3n33	4 43	10 28	2 52	17 35	1 29	14 19	1 30	2 52	1 14	17 41	1 50	6 30	0 44	0 31	1 40	27 11	8 18	21 21	21 8	21 36	6 14	3 3
T 19	19 56	8 16	4 9	10 10	3 3	17 13	1 29	14 31	1 29	2 47	1 14	17 41	1 49	6 29	0 44	0 31	1 40	27 12	8 18	21 20	21 7	21 35	6 14	3 3
F 20	19 43	12 40	3 21	9 53	3 15	16 50	1 29	14 43	1 29	2 43	1 14	17 41	1 49	6 28	0 44	0 31	1 40	27 12	8 18	21 20	21 6	21 34	6 14	3 3
S 21	19 30	16 32	2 21	9 39	3 27	16 27	1 29	14 55	1 28	2 39	1 14	17 41	1 49	6 27	0 44	0 31	1 40	27 12	8 18	21 20	21 6	21 34	6 13	3 3
S 22	19 16	19 33	1 11	9 26	3 38	16 4	1 29	15 6	1 28	2 35	1 14	17 41	1 49	6 25	0 44	0 30	1 40	27 13	8 18	21 20	21 5	21 33	6 13	3 3
M23	19 2	21 25	0s 5	9 16	3 48	15 39	1 29	15 18	1 27	2 31	1 13	17 41	1 49	6 24	0 44	0 30	1 40	27 13	8 18	21 20	21 5	21 32	6 13	3 4
T 24	18 48	21 54	1 22	9 8	3 58	15 15	1 29	15 29	1 26	2 27	1 13	17 42	1 48	6 23	0 44	0 30	1 40	27 14	8 18	21 20	21 4	21 32	6 13	3 4
W25	18 34	20 52	2 34	9 2	4 7	14 50	1 29	15 40	1 26	2 22	1 13	17 42	1 48	6 22	0 44	0 29	1 40	27 14	8 18	21 20	21 3	21 31	6 12	3 4
T 26	18 19	18 23	3 37	8 59	4 16	14 25	1 28	15 51	1 25	2 18	1 13	17 42	1 48	6 21	0 44	0 29	1 40	27 14	8 18	21 19	21 3	21 30	6 12	3 4
F 27	18 4	14 42	4 24	8 59	4 23	13 59	1 28	16 2	1 24	2 14	1 13	17 42	1 48	6 19	0 44	0 29	1 41	27 15	8 18	21 17	21 2	21 30	6 12	3 4
S 28	17 48	10 8	4 54	9 2	4 29	13 33	1 27	16 13	1 24	2 9	1 13	17 43	1 47	6 18	0 44	0 28	1 41	27 15	8 18	21 15	21 2	21 29	6 11	3 4
S 29	17 32	5 5	5 3	9 8	4 34	13 7	1 27	16 23	1 23	2 5	1 13	17 43	1 47	6 17	0 44	0 28	1 41	27 16	8 18	21 14	21 1	21 28	6 11	3 4
M30	17 16	0s 5	4 54	9 16	4 37	12 40	1 26	16 34	1 22	2 1	1 12	17 43	1 47	6 15	0 44	0 28	1 41	27 16	8 18	21 12	21 0	21 28	6 11	3 4
T 31	17n 0	5s 6	4s29	9n28	4s39	12n13	1n26	16n44	1s22	1n56	1n12	17s44	1n47	6n14	0n44	0n27	1s41	27s16	8s18	21s11	21s 0	21s27	6n10	3n 4

Julian Day Number = 2102560.5, Delta T = 21m04s
Ecliptic obliquity = 23°33'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'17, Lahiri = 10°32'18 Julian Calendar 1 July 1044 == Greg. Calendar 7 July 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

AUGUST 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	21 1 39	13♌57'25	15♎39	22°R25	3♍ 3	21♉23	28♍ 6	26♏26	16♍ 1	4°R58	4°R32	4°R33	3♐38	27♐42	8°R23	W 1
T 2	21 5 35	14°55'14	28°24	21♌36	4°16	21°59	28°17	26°27	16° 4	4♈57	4♒30	4♐30	3°35	27°48	8♈22	T 2
F 3	21 9 32	15°53'05	10♏47	20°44	5°30	22°34	28°28	26°28	16° 8	4°57	4°29	4°28	3°32	27°55	8°21	F 3
S 4	21 13 28	16°50'57	22°53	19°51	6°44	23°10	28°39	26°29	16°11	4°56	4°28	4°D28	3°29	28° 2	8°19	S 4
S 5	21 17 25	17°48'51	4♐48	18°57	7°58	23°45	28°51	26°30	16°15	4°55	4°26	4°R29	3°26	28° 8	8°18	S 5
M 6	21 21 21	18°46'45	16°36	18° 3	9°11	24°19	29° 2	26°31	16°18	4°54	4°25	4°28	3°22	28°15	8°16	M 6
T 7	21 25 18	19°44'41	28°24	17°10	10°25	24°54	29°13	26°32	16°22	4°52	4°24	4°26	3°19	28°22	8°15	T 7
W 8	21 29 15	20°42'39	10♑16	16°20	11°39	25°28	29°25	26°33	16°25	4°51	4°22	4°21	3°16	28°28	8°13	W 8
T 9	21 33 11	21°40'38	22°15	15°33	12°53	26° 3	29°36	26°34	16°29	4°50	4°21	4°13	3°13	28°35	8°11	T 9
F 10	21 37 8	22°38'39	4♒24	14°51	14° 6	26°36	29°48	26°36	16°32	4°49	4°20	4° 3	3°10	28°42	8°10	F 10
S 11	21 41 4	23°36'41	16°44	14°15	15°20	27°10	29°59	26°37	16°36	4°48	4°19	3°51	3° 6	28°48	8° 8	S 11
S 12	21 45 1	24°34'44	29°17	13°45	16°34	27°44	0♎11	26°39	16°39	4°47	4°17	3°38	3° 3	28°55	8° 6	S 12
M13	21 48 57	25°32'50	12♓ 3	13°23	17°47	28°17	0°22	26°41	16°43	4°46	4°16	3°25	3° 0	29° 2	8° 4	M13
T 14	21 52 54	26°30'57	25° 1	13° 8	19° 1	28°50	0°34	26°43	16°46	4°44	4°15	3°14	2°57	29° 8	8° 2	T 14
W15	21 56 50	27°29'06	8♈10	13°D 2	20°15	29°23	0°46	26°44	16°50	4°43	4°14	3° 4	2°54	29°15	8° 1	W15
T 16	22 0 47	28°27'17	21°30	13° 4	21°28	29°55	0°58	26°46	16°54	4°42	4°13	2°58	2°51	29°22	7°59	T 16
F 17	22 4 44	29°25'31	5♉ 1	13°16	22°42	0♊27	1°10	26°49	16°57	4°41	4°11	2°54	2°47	29°28	7°57	F 17
S 18	22 8 40	0♍23'46	18°44	13°36	23°56	0°59	1°22	26°51	17° 1	4°39	4°10	2°53	2°44	29°35	7°55	S 18
S 19	22 12 37	1°22'04	2♊38	14° 4	25° 9	1°31	1°34	26°53	17° 4	4°38	4° 9	2°53	2°41	29°42	7°53	S 19
M20	22 16 33	2°20'23	16°43	14°42	26°23	2° 3	1°46	26°55	17° 8	4°37	4° 8	2°52	2°38	29°48	7°51	M20
T 21	22 20 30	3°18'45	1♋ 0	15°27	27°37	2°34	1°58	26°58	17°12	4°35	4° 7	2°51	2°35	29°55	7°48	T 21
W22	22 24 26	4°17'09	15°26	16°21	28°50	3° 5	2°10	27° 0	17°16	4°34	4° 6	2°47	2°32	0♑ 2	7°46	W22
T 23	22 28 23	5°15'36	29°58	17°21	0♎ 4	3°35	2°22	27° 3	17°19	4°33	4° 4	2°40	2°28	0° 8	7°44	T 23
F 24	22 32 19	6°14'04	14♌30	18°29	1°18	4° 6	2°35	27° 6	17°23	4°31	4° 3	2°31	2°25	0°15	7°42	F 24
S 25	22 36 16	7°12'34	28°55	19°44	2°31	4°36	2°47	27° 9	17°27	4°30	4° 2	2°20	2°22	0°21	7°40	S 25
S 26	22 40 13	8°11'06	13♍ 8	21° 4	3°45	5° 5	2°59	27°12	17°30	4°28	4° 1	2° 8	2°19	0°28	7°37	S 26
M27	22 44 9	9° 9'40	27° 1	22°29	4°58	5°35	3°12	27°15	17°34	4°27	4° 0	1°56	2°16	0°35	7°35	M27
T 28	22 48 6	10° 8'16	10♎32	23°59	6°12	6° 4	3°24	27°18	17°38	4°25	3°59	1°46	2°12	0°41	7°33	T 28
W29	22 52 2	11° 6'54	23°39	25°34	7°25	6°32	3°37	27°21	17°42	4°24	3°58	1°39	2° 9	0°48	7°30	W29
T 30	22 55 59	12° 5'34	6♏23	27°11	8°39	7° 1	3°49	27°24	17°45	4°22	3°57	1°34	2° 6	0°55	7°28	T 30
F 31	22 59 55	13♍ 4'15	18♏46	28♌52	9♎52	7♊29	4♎ 2	27♏27	17♍49	4♈21	3♒56	1♐32	2♐ 3	1♑ 1	7♈25	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n43	9s43	3s49	9n42	4s40	11n46	1n25	16n54	1s21	1n52	1n12	17s44	1n46	6n13	0n44	0n27	1s41	27s17	8s18	21s 9	20s59	21s26	6n10	3n 4
T 2	16 27	13 45	3 0	9 59	4 38	11 18	1 24	17 4	1 20	1 47	1 12	17 44	1 46	6 11	0 44	0 26	1 41	27 17	8 18	21 9	20 59	21 26	6 9	3 4
F 3	16 9	17 4	2 3	10 19	4 35	10 50	1 23	17 14	1 20	1 43	1 12	17 45	1 46	6 10	0 44	0 26	1 41	27 17	8 18	21 9	20 58	21 25	6 9	3 5
S 4	15 52	19 35	1 1	10 40	4 29	10 22	1 22	17 23	1 19	1 38	1 12	17 45	1 46	6 9	0 44	0 25	1 41	27 18	8 18	21 9	20 57	21 24	6 8	3 5
S 5	15 34	21 11	0n 2	11 4	4 22	9 53	1 21	17 33	1 18	1 33	1 12	17 46	1 46	6 7	0 44	0 25	1 41	27 18	8 18	21 9	20 57	21 24	6 8	3 5
M 6	15 16	21 49	1 4	11 29	4 13	9 24	1 20	17 42	1 17	1 29	1 12	17 46	1 45	6 6	0 44	0 25	1 41	27 18	8 19	21 9	20 56	21 23	6 7	3 5
T 7	14 58	21 30	2 4	11 56	4 2	8 55	1 19	17 51	1 16	1 24	1 11	17 47	1 45	6 5	0 44	0 24	1 41	27 19	8 19	21 8	20 56	21 22	6 7	3 5
W 8	14 40	20 12	2 58	12 23	3 49	8 26	1 18	18 0	1 16	1 19	1 11	17 47	1 45	6 3	0 44	0 24	1 41	27 19	8 19	21 7	20 55	21 21	6 6	3 5
T 9	14 21	18 1	3 45	12 50	3 35	7 56	1 17	18 9	1 15	1 15	1 11	17 48	1 45	6 2	0 44	0 23	1 41	27 19	8 19	21 6	20 54	21 21	6 6	3 5
F 10	14 2	15 1	4 22	13 17	3 20	7 27	1 15	18 18	1 14	1 10	1 11	17 48	1 44	6 1	0 44	0 23	1 41	27 20	8 19	21 4	20 54	21 20	6 5	3 5
S 11	13 43	11 20	4 47	13 43	3 3	6 57	1 14	18 26	1 13	1 5	1 11	17 49	1 44	5 59	0 43	0 22	1 41	27 20	8 18	21 2	20 53	21 19	6 4	3 5
S 12	13 24	7 6	5 0	14 9	2 45	6 27	1 12	18 35	1 12	1 1	1 11	17 49	1 44	5 58	0 43	0 22	1 41	27 20	8 18	20 59	20 53	21 19	6 4	3 5
M13	13 4	2 30	4 57	14 32	2 27	5 56	1 11	18 43	1 11	0 56	1 11	17 50	1 44	5 56	0 43	0 21	1 41	27 21	8 18	20 57	20 52	21 18	6 3	3 5
T 14	12 44	2n17	4 39	14 54	2 9	5 26	1 9	18 51	1 10	0 51	1 11	17 51	1 43	5 55	0 43	0 21	1 41	27 21	8 18	20 55	20 51	21 17	6 2	3 5
W15	12 24	7 2	4 7	15 14	1 50	4 55	1 8	18 59	1 10	0 46	1 10	17 51	1 43	5 53	0 43	0 20	1 41	27 21	8 18	20 53	20 51	21 16	6 2	3 5
T 16	12 4	11 31	3 20	15 31	1 31	4 24	1 6	19 7	1 9	0 41	1 10	17 52	1 43	5 52	0 43	0 20	1 41	27 21	8 18	20 52	20 50	21 16	6 1	3 5
F 17	11 44	15 29	2 22	15 46	1 13	3 54	1 4	19 15	1 8	0 36	1 10	17 53	1 43	5 51	0 43	0 19	1 41	27 22	8 18	20 51	20 49	21 15	6 0	3 5
S 18	11 23	18 40	1 14	15 58	0 54	3 23	1 2	19 23	1 7	0 32	1 10	17 53	1 43	5 49	0 43	0 18	1 42	27 22	8 18	20 51	20 49	21 14	5 59	3 5
S 19	11 3	20 49	0 1	16 6	0 37	2 52	1 1	19 30	1 6	0 27	1 10	17 54	1 42	5 48	0 43	0 18	1 42	27 22	8 18	20 50	20 48	21 13	5 59	3 5
M20	10 42	21 42	1s13	16 11	0 20	2 20	0 59	19 37	1 5	0 22	1 10	17 55	1 42	5 46	0 43	0 17	1 42	27 22	8 18	20 50	20 48	21 12	5 58	3 6
T 21	10 21	21 11	2 23	16 13	0 4	1 49	0 57	19 44	1 4	0 17	1 10	17 56	1 42	5 45	0 43	0 17	1 42	27 23	8 18	20 50	20 47	21 12	5 57	3 6
W22	9 59	19 16	3 25	16 12	0n11	1 18	0 55	19 51	1 3	0 12	1 10	17 56	1 42	5 43	0 43	0 16	1 42	27 23	8 18	20 49	20 46	21 11	5 56	3 6
T 23	9 38	16 8	4 14	16 7	0 25	0 47	0 52	19 58	1 2	0 7	1 10	17 57	1 41	5 42	0 43	0 16	1 42	27 23	8 18	20 48	20 46	21 10	5 55	3 6
F 24	9 16	12 0	4 46	15 58	0 38	0 15	0 50	20 5	1 0	0 2	1 10	17 58	1 41	5 40	0 43	0 15	1 42	27 23	8 18	20 46	20 45	21 9	5 55	3 6
S 25	8 54	7 13	5 0	15 46	0 50	0s16	0 48	20 12	0 59	0s 3	1 10	17 59	1 41	5 39	0 43	0 14	1 42	27 24	8 18	20 44	20 44	21 8	5 54	3 6
S 26	8 33	2 7	4 55	15 31	1 1	0 48	0 46	20 18	0 58	0 8	1 9	18 0	1 41	5 37	0 43	0 14	1 42	27 24	8 18	20 42	20 44	21 8	5 53	3 6
M27	8 11	2s59	4 33	15 12	1 11	1 19	0 44	20 24	0 57	0 13	1 9	18 1	1 41	5 36	0 43	0 13	1 42	27 24	8 18	20 39	20 43	21 7	5 52	3 6
T 28	7 48	7 48	3 55	14 51	1 20	1 51	0 41	20 31	0 56	0 18	1 9	18 2	1 40	5 35	0 43	0 13	1 42	27 24	8 18	20 37	20 43	21 6	5 51	3 6
W29	7 26	12 7	3 6	14 26	1 27	2 22	0 39	20 37	0 55	0 23	1 9	18 3	1 40	5 33	0 43	0 12	1 42	27 24	8 18	20 36	20 42	21 5	5 50	3 6
T 30	7 4	15 45	2 9	13 58	1 34	2 53	0 36	20 43	0 54	0 28	1 9	18 4	1 40	5 32	0 43	0 11	1 42	27 25	8 18	20 35	20 41	21 4	5 49	3 6
F 31	6n41	18s34	1s 7	13n28	1n39	3s25	0n34	20n49	0s52	0s33	1n 9	18s 4	1n40	5n30	0n43	0n11	1s42	27s25	8s18	20s34	20s41	21s 4	5n48	3n 6

Julian Day Number = 2102591.5, Delta T = 21m03s
Ecliptic obliquity = 23°33'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'22, Lahiri = 10°32'22 Julian Calendar 1 Aug. 1044 == Greg. Calendar 7 Aug. 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

SEPTEMBER 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 3 52	14♍ 2'59	0♐53	0♍35	11♎ 6	7♊57	4♎14	27♏31	17♍53	4°R19	3°R55	1°D31	2♐ 0	1♉ 8	7°R23	S 1
S 2	23 7 48	15° 1'44	12°49	2°20	12°19	8°24	4°27	27°34	17°57	4♈18	3♒54	1°R32	1°57	1°15	7♈21	S 2
M 3	23 11 45	16° 0'31	24°39	4° 7	13°33	8°51	4°40	27°38	18° 1	4°16	3°53	1♐31	1°53	1°21	7°18	M 3
T 4	23 15 42	16°59'19	6♉28	5°55	14°46	9°18	4°52	27°42	18° 4	4°15	3°52	1°30	1°50	1°28	7°16	T 4
W 5	23 19 38	17°58'10	18°22	7°43	16° 0	9°44	5° 5	27°45	18° 8	4°13	3°51	1°26	1°47	1°35	7°13	W 5
T 6	23 23 35	18°57'02	0♒25	9°32	17°13	10°10	5°18	27°49	18°12	4°11	3°51	1°19	1°44	1°41	7°10	T 6
F 7	23 27 31	19°55'56	12°41	11°22	18°27	10°35	5°31	27°53	18°16	4°10	3°50	1°10	1°41	1°48	7° 8	F 7
S 8	23 31 28	20°54'52	25°13	13°11	19°40	11° 0	5°43	27°57	18°19	4° 8	3°49	1° 0	1°38	1°55	7° 5	S 8
S 9	23 35 24	21°53'49	8♓ 1	15° 1	20°53	11°25	5°56	28° 1	18°23	4° 7	3°48	0°48	1°34	2° 1	7° 3	S 9
M10	23 39 21	22°52'49	21° 6	16°50	22° 7	11°49	6° 9	28° 5	18°27	4° 5	3°47	0°36	1°31	2° 8	7° 0	M10
T 11	23 43 17	23°51'51	4♈26	18°39	23°20	12°13	6°22	28° 9	18°31	4° 3	3°46	0°25	1°28	2°15	6°57	T 11
W12	23 47 14	24°50'55	17°58	20°27	24°33	12°37	6°35	28°14	18°35	4° 2	3°46	0°17	1°25	2°21	6°55	W12
T 13	23 51 10	25°50'01	1♉42	22°15	25°47	13° 0	6°48	28°18	18°38	4° 0	3°45	0°11	1°22	2°28	6°52	T 13
F 14	23 55 7	26°49'10	15°33	24° 2	27° 0	13°22	7° 1	28°23	18°42	3°58	3°44	0° 8	1°18	2°35	6°49	F 14
S 15	23 59 4	27°48'21	29°30	25°48	28°13	13°45	7°14	28°27	18°46	3°57	3°44	0°D 7	1°15	2°41	6°47	S 15
S 16	0 3 0	28°47'34	13♊32	27°34	29°26	14° 6	7°27	28°32	18°50	3°55	3°43	0° 7	1°12	2°48	6°44	S 16
M17	0 6 57	29°46'50	27°38	29°19	0♏40	14°27	7°40	28°36	18°53	3°53	3°42	0°R 8	1° 9	2°55	6°41	M17
T 18	0 10 53	0♎46'08	11♋46	1♎ 3	1°53	14°48	7°53	28°41	18°57	3°52	3°42	0° 7	1° 6	3° 1	6°39	T 18
W19	0 14 50	1°45'28	25°55	2°47	3° 6	15° 8	8° 6	28°46	19° 1	3°50	3°41	0° 5	1° 3	3° 8	6°36	W19
T 20	0 18 46	2°44'51	10♌ 4	4°30	4°19	15°28	8°19	28°51	19° 4	3°48	3°40	0° 0	0°59	3°15	6°33	T 20
F 21	0 22 43	3°44'16	24°10	6°12	5°32	15°47	8°32	28°56	19° 8	3°47	3°40	29♏53	0°56	3°21	6°30	F 21
S 22	0 26 39	4°43'44	8♍ 8	7°53	6°45	16° 6	8°45	29° 1	19°12	3°45	3°39	29°44	0°53	3°28	6°28	S 22
S 23	0 30 36	5°43'13	21°56	9°34	7°59	16°24	8°58	29° 6	19°15	3°43	3°39	29°35	0°50	3°35	6°25	S 23
M24	0 34 33	6°42'45	5♎28	11°14	9°12	16°41	9°11	29°11	19°19	3°42	3°38	29°26	0°47	3°41	6°22	M24
T 25	0 38 29	7°42'19	18°43	12°53	10°25	16°58	9°24	29°16	19°23	3°40	3°38	29°18	0°43	3°48	6°19	T 25
W26	0 42 26	8°41'55	1♏40	14°32	11°38	17°15	9°37	29°21	19°26	3°38	3°38	29°13	0°40	3°55	6°17	W26
T 27	0 46 22	9°41'33	14°17	16°10	12°51	17°30	9°50	29°27	19°30	3°37	3°37	29° 9	0°37	4° 1	6°14	T 27
F 28	0 50 19	10°41'12	26°37	17°47	14° 4	17°46	10° 3	29°32	19°34	3°35	3°37	29°D 8	0°34	4° 8	6°11	F 28
S 29	0 54 15	11°40'54	8♐43	19°23	15°17	18° 0	10°16	29°37	19°37	3°33	3°37	29° 8	0°31	4°15	6° 8	S 29
S 30	0 58 12	12♎40'38	20♐39	20♎59	16♏30	18♊14	10♎29	29♏43	19♍41	3♈32	3♒36	29♏10	0♐28	4♉21	6♈ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	6n18	20s30	0s 3	12n56	1n43	3s56	0n31	20n54	0s51	0s38	1n 9	18s 5	1n39	5n29	0n43	0n10	1s42	27s25	8s17	20s34	20s40	21s 3	5n47	3n 6	S 1
S 2	5 56	21 28	1n 0	12 21	1 47	4 27	0 29	21 0	0 50	0 43	1 9	18 6	1 39	5 27	0 43	0 9	1 42	27 25	8 17	20 34	20 39	21 2	5 46	3 6	S 2
M 3	5 33	21 28	2 0	11 45	1 49	4 58	0 26	21 5	0 49	0 49	1 9	18 7	1 39	5 26	0 43	0 9	1 42	27 25	8 17	20 34	20 39	21 1	5 45	3 6	M 3
T 4	5 10	20 30	2 54	11 6	1 51	5 29	0 23	21 11	0 47	0 54	1 9	18 8	1 39	5 24	0 43	0 8	1 42	27 25	8 17	20 34	20 38	21 0	5 44	3 6	T 4
W 5	4 47	18 38	3 42	10 26	1 51	6 0	0 21	21 16	0 46	0 59	1 9	18 10	1 39	5 23	0 43	0 7	1 42	27 26	8 17	20 33	20 37	20 59	5 43	3 6	W 5
T 6	4 24	15 56	4 20	9 45	1 52	6 31	0 18	21 21	0 45	1 4	1 9	18 11	1 38	5 21	0 43	0 7	1 42	27 26	8 17	20 32	20 37	20 59	5 42	3 6	T 6
F 7	4 0	12 30	4 47	9 3	1 51	7 2	0 15	21 26	0 43	1 9	1 9	18 12	1 38	5 20	0 43	0 6	1 42	27 26	8 17	20 30	20 36	20 58	5 41	3 6	F 7
S 8	3 37	8 28	5 1	8 19	1 50	7 32	0 12	21 31	0 42	1 14	1 9	18 13	1 38	5 18	0 43	0 5	1 42	27 26	8 17	20 28	20 36	20 57	5 40	3 6	S 8
S 9	3 14	3 58	5 0	7 35	1 48	8 3	0 10	21 36	0 40	1 19	1 9	18 14	1 38	5 17	0 43	0 5	1 42	27 26	8 17	20 25	20 35	20 56	5 39	3 6	S 9
M10	2 50	0n48	4 43	6 50	1 45	8 33	0 7	21 41	0 39	1 24	1 8	18 15	1 38	5 15	0 43	0 4	1 42	27 26	8 17	20 23	20 34	20 55	5 38	3 6	M10
T 11	2 27	5 36	4 11	6 5	1 42	9 3	0 4	21 45	0 38	1 30	1 8	18 16	1 37	5 14	0 43	0 3	1 42	27 26	8 17	20 21	20 34	20 54	5 37	3 6	T 11
W12	2 3	10 14	3 25	5 19	1 39	9 33	0 1	21 50	0 36	1 35	1 8	18 17	1 37	5 12	0 43	0 3	1 42	27 26	8 16	20 19	20 33	20 53	5 36	3 6	W12
T 13	1 40	14 24	2 25	4 33	1 35	10 2	0s 2	21 54	0 35	1 40	1 8	18 18	1 37	5 11	0 43	0 2	1 42	27 26	8 16	20 18	20 32	20 53	5 35	3 6	T 13
F 14	1 16	17 48	1 17	3 46	1 31	10 32	0 5	21 58	0 33	1 45	1 8	18 20	1 37	5 9	0 43	0 1	1 42	27 26	8 16	20 17	20 32	20 52	5 34	3 6	F 14
S 15	0 53	20 12	0 3	3 0	1 26	11 1	0 8	22 3	0 32	1 50	1 8	18 21	1 37	5 8	0 43	0 1	1 42	27 26	8 16	20 17	20 31	20 51	5 33	3 6	S 15
S 16	0 29	21 22	1s11	2 13	1 21	11 30	0 11	22 7	0 30	1 55	1 8	18 22	1 36	5 6	0 43	0 0	1 42	27 26	8 16	20 17	20 30	20 50	5 31	3 6	S 16
M17	0 5	21 11	2 22	1 26	1 16	11 59	0 14	22 11	0 28	2 1	1 8	18 23	1 36	5 5	0 43	0s 1	1 42	27 26	8 16	20 17	20 30	20 49	5 30	3 6	M17
T 18	0s18	19 39	3 24	0 40	1 11	12 27	0 17	22 15	0 27	2 6	1 8	18 24	1 36	5 3	0 43	0 1	1 42	27 27	8 16	20 17	20 29	20 48	5 29	3 6	T 18
W19	0 42	16 55	4 13	0s 7	1 5	12 55	0 20	22 19	0 25	2 11	1 8	18 26	1 36	5 2	0 43	0 2	1 42	27 27	8 16	20 16	20 28	20 47	5 28	3 6	W19
T 20	1 6	13 12	4 47	0 53	0 59	13 23	0 23	22 23	0 23	2 16	1 8	18 27	1 36	5 1	0 43	0 3	1 42	27 27	8 15	20 15	20 28	20 46	5 27	3 5	T 20
F 21	1 30	8 45	5 4	1 39	0 53	13 51	0 26	22 26	0 22	2 21	1 8	18 28	1 36	4 59	0 43	0 3	1 42	27 27	8 15	20 14	20 27	20 45	5 26	3 5	F 21
S 22	1 53	3 53	5 2	2 25	0 47	14 18	0 29	22 30	0 20	2 27	1 8	18 29	1 35	4 58	0 43	0 4	1 42	27 27	8 15	20 12	20 26	20 44	5 25	3 5	S 22
S 23	2 17	1s 7	4 43	3 11	0 41	14 45	0 32	22 34	0 18	2 32	1 8	18 31	1 35	4 56	0 43	0 5	1 42	27 27	8 15	20 10	20 26	20 44	5 24	3 5	S 23
M24	2 41	5 58	4 8	3 56	0 35	15 11	0 35	22 37	0 16	2 37	1 8	18 32	1 35	4 55	0 43	0 5	1 42	27 27	8 15	20 8	20 25	20 43	5 22	3 5	M24
T 25	3 4	10 27	3 20	4 41	0 28	15 37	0 38	22 41	0 15	2 42	1 8	18 33	1 35	4 53	0 43	0 6	1 42	27 27	8 15	20 6	20 24	20 42	5 21	3 5	T 25
W26	3 28	14 20	2 23	5 26	0 21	16 3	0 41	22 44	0 13	2 47	1 8	18 34	1 35	4 52	0 43	0 7	1 42	27 26	8 15	20 5	20 24	20 41	5 20	3 5	W26
T 27	3 52	17 28	1 19	6 10	0 15	16 29	0 44	22 48	0 11	2 52	1 8	18 36	1 35	4 51	0 43	0 7	1 42	27 26	8 14	20 4	20 23	20 40	5 19	3 5	T 27
F 28	4 15	19 43	0 14	6 53	0 8	16 54	0 47	22 51	0 9	2 58	1 8	18 37	1 34	4 49	0 43	0 8	1 42	27 26	8 14	20 4	20 22	20 39	5 18	3 5	F 28
S 29	4 39	21 1	0n52	7 36	0 1	17 18	0 50	22 54	0 7	3 3	1 8	18 38	1 34	4 48	0 43	0 9	1 42	27 26	8 14	20 4	20 22	20 38	5 17	3 5	S 29
S 30	5s 2	21s20	1n54	8s19	0s 5	17s42	0s53	22n57	0s 5	3s 8	1n 8	18s40	1n34	4n46	0n43	0s 9	1s42	27s26	8s14	20s 4	20s21	20s37	5n15	3n 5	S 30

Julian Day Number = 2102622.5, Delta T = 21m03s
Ecliptic obliquity = 23°33'43, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'26, Lahiri = 10°32'26 Julian Calendar 1 Sept. 1044 == Greg. Calendar 7 Sept. 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

OCTOBER 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	1 2 8	13♎40'23	2♉29	22♎35	17♏43	18♊27	10♎42	29♏48	19♍44	3°R30	3°R36	29♏11	0♐24	4♉28	6°R 3	M 1
T 2	1 6 5	14°40'10	14°18	24° 9	18°56	18°40	10°55	29°54	19°48	3♈28	3♒36	29°R12	0°21	4°35	6♈ 0	T 2
W 3	1 10 2	15°39'59	26°12	25°44	20° 9	18°52	11° 8	29°59	19°51	3°27	3°35	29°11	0°18	4°41	5°58	W 3
T 4	1 13 58	16°39'49	8♒17	27°17	21°21	19° 3	11°21	0♐ 5	19°55	3°25	3°35	29° 8	0°15	4°48	5°55	T 4
F 5	1 17 55	17°39'42	20°35	28°50	22°34	19°14	11°35	0°11	19°58	3°23	3°35	29° 4	0°12	4°55	5°52	F 5
S 6	1 21 51	18°39'36	3♓12	0♏23	23°47	19°24	11°48	0°17	20° 2	3°22	3°35	28°58	0° 9	5° 1	5°50	S 6
S 7	1 25 48	19°39'31	16° 8	1°55	25° 0	19°33	12° 1	0°23	20° 5	3°20	3°35	28°52	0° 5	5° 8	5°47	S 7
M 8	1 29 44	20°39'29	29°27	3°26	26°13	19°41	12°14	0°29	20° 9	3°19	3°35	28°45	0° 2	5°15	5°44	M 8
T 9	1 33 41	21°39'28	13♈ 5	4°57	27°25	19°49	12°27	0°35	20°12	3°17	3°35	28°39	29♏59	5°21	5°42	T 9
W10	1 37 37	22°39'29	27° 1	6°28	28°38	19°56	12°40	0°41	20°15	3°15	3°34	28°34	29°56	5°28	5°39	W10
T 11	1 41 34	23°39'33	11♉10	7°58	29°51	20° 2	12°53	0°47	20°19	3°14	3°D34	28°31	29°53	5°35	5°36	T 11
F 12	1 45 30	24°39'38	25°29	9°27	1♐ 3	20° 8	13° 6	0°53	20°22	3°12	3°34	28°D30	29°49	5°41	5°34	F 12
S 13	1 49 27	25°39'45	9♊52	10°56	2°16	20°12	13°18	0°59	20°25	3°11	3°35	28°31	29°46	5°48	5°31	S 13
S 14	1 53 24	26°39'55	24°14	12°25	3°28	20°16	13°31	1° 5	20°28	3° 9	3°35	28°32	29°43	5°55	5°29	S 14
M15	1 57 20	27°40'06	8♋33	13°53	4°41	20°19	13°44	1°12	20°32	3° 8	3°35	28°33	29°40	6° 1	5°26	M15
T 16	2 1 17	28°40'20	22°46	15°20	5°53	20°21	13°57	1°18	20°35	3° 6	3°35	28°R34	29°37	6° 8	5°24	T 16
W17	2 5 13	29°40'36	6♌50	16°47	7° 6	20°23	14°10	1°24	20°38	3° 5	3°35	28°34	29°34	6°15	5°21	W17
T 18	2 9 10	0♏40'54	20°45	18°13	8°18	20°R23	14°23	1°31	20°41	3° 3	3°35	28°33	29°30	6°22	5°19	T 18
F 19	2 13 6	1°41'14	4♍30	19°39	9°30	20°23	14°36	1°37	20°44	3° 2	3°35	28°30	29°27	6°28	5°17	F 19
S 20	2 17 3	2°41'36	18° 3	21° 4	10°43	20°22	14°48	1°43	20°47	3° 1	3°35	28°27	29°24	6°35	5°14	S 20
S 21	2 20 59	3°42'00	1♎23	22°28	11°55	20°20	15° 1	1°50	20°50	2°59	3°36	28°23	29°21	6°42	5°12	S 21
M22	2 24 56	4°42'25	14°30	23°51	13° 7	20°17	15°14	1°57	20°53	2°58	3°36	28°19	29°18	6°48	5°10	M22
T 23	2 28 53	5°42'53	27°23	25°14	14°19	20°13	15°27	2° 3	20°56	2°56	3°36	28°16	29°14	6°55	5° 7	T 23
W24	2 32 49	6°43'22	10♏ 2	26°35	15°32	20° 9	15°39	2°10	20°59	2°55	3°37	28°13	29°11	7° 2	5° 5	W24
T 25	2 36 46	7°43'53	22°27	27°56	16°44	20° 3	15°52	2°16	21° 2	2°54	3°37	28°D12	29° 8	7° 8	5° 3	T 25
F 26	2 40 42	8°44'26	4♐40	29°15	17°56	19°57	16° 5	2°23	21° 5	2°52	3°37	28°12	29° 5	7°15	5° 1	F 26
S 27	2 44 39	9°45'00	16°41	0♐33	19° 8	19°50	16°17	2°30	21° 8	2°51	3°38	28°13	29° 2	7°22	4°58	S 27
S 28	2 48 35	10°45'35	28°35	1°49	20°20	19°41	16°30	2°36	21°11	2°50	3°38	28°15	28°59	7°28	4°56	S 28
M29	2 52 32	11°46'12	10♉25	3° 4	21°32	19°32	16°42	2°43	21°13	2°49	3°39	28°16	28°55	7°35	4°54	M29
T 30	2 56 28	12°46'50	22°14	4°17	22°44	19°23	16°55	2°50	21°16	2°48	3°39	28°18	28°52	7°42	4°52	T 30
W31	3 0 25	13♏47'30	4♒ 7	5♐27	23♐55	19♊12	17♎ 7	2♐57	21♍19	2♈46	3♒40	28♏18	28♏49	7♉48	4♈50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	5s25	20s42	2n51	9s 1	0s12	18s 6	0s56	23n 0	0s 3	3s13	1n 8	18s41	1n34	4n45	0n43	0s10	1s42	27s26	8s14	20s 5	20s20	20s36	5n14	3n 5
T 2	5 49	19 8	3 40	9 43	0 19	18 29	0 59	23 4	0 1	3 18	1 8	18 42	1 34	4 44	0 43	0 11	1 42	27 26	8 14	20 5	20 20	20 35	5 13	3 5
W 3	6 12	16 45	4 21	10 24	0 26	18 52	1 2	23 7	0n 1	3 23	1 8	18 44	1 34	4 42	0 43	0 11	1 42	27 26	8 14	20 5	20 19	20 34	5 12	3 5
T 4	6 35	13 37	4 50	11 4	0 33	19 15	1 5	23 10	0 3	3 28	1 8	18 45	1 33	4 41	0 44	0 12	1 42	27 26	8 13	20 4	20 18	20 33	5 11	3 4
F 5	6 58	9 51	5 7	11 44	0 39	19 36	1 8	23 13	0 5	3 34	1 8	18 46	1 33	4 39	0 44	0 13	1 42	27 26	8 13	20 3	20 18	20 32	5 10	3 4
S 6	7 21	5 35	5 9	12 23	0 46	19 58	1 11	23 16	0 8	3 39	1 8	18 48	1 33	4 38	0 44	0 13	1 42	27 26	8 13	20 2	20 17	20 31	5 9	3 4
S 7	7 44	0 57	4 56	13 1	0 53	20 19	1 14	23 19	0 10	3 44	1 8	18 49	1 33	4 37	0 44	0 14	1 42	27 26	8 13	20 0	20 16	20 30	5 7	3 4
M 8	8 6	3n52	4 27	13 39	0 59	20 39	1 17	23 22	0 12	3 49	1 8	18 51	1 33	4 35	0 44	0 14	1 42	27 26	8 13	19 59	20 16	20 29	5 6	3 4
T 9	8 29	8 36	3 42	14 16	1 6	20 59	1 20	23 24	0 14	3 54	1 8	18 52	1 33	4 34	0 44	0 15	1 42	27 25	8 13	19 58	20 15	20 28	5 5	3 4
W10	8 51	13 0	2 43	14 52	1 12	21 18	1 23	23 27	0 17	3 59	1 8	18 53	1 33	4 33	0 44	0 16	1 42	27 25	8 13	19 57	20 14	20 27	5 4	3 4
T 11	9 14	16 44	1 33	15 28	1 18	21 37	1 25	23 30	0 19	4 4	1 8	18 55	1 32	4 32	0 44	0 16	1 42	27 25	8 12	19 56	20 14	20 26	5 3	3 4
F 12	9 36	19 30	0 17	16 3	1 24	21 55	1 28	23 33	0 21	4 9	1 8	18 56	1 32	4 30	0 44	0 17	1 42	27 25	8 12	19 56	20 13	20 25	5 2	3 4
S 13	9 58	21 1	1s 2	16 37	1 30	22 12	1 31	23 36	0 24	4 14	1 8	18 58	1 32	4 29	0 44	0 17	1 42	27 25	8 12	19 56	20 12	20 24	5 1	3 3
S 14	10 20	21 10	2 16	17 10	1 36	22 29	1 33	23 38	0 26	4 19	1 8	18 59	1 32	4 28	0 44	0 18	1 42	27 25	8 12	19 56	20 12	20 23	4 59	3 3
M15	10 42	19 55	3 22	17 42	1 42	22 45	1 36	23 41	0 29	4 24	1 8	19 0	1 32	4 26	0 44	0 19	1 42	27 24	8 12	19 56	20 11	20 22	4 58	3 3
T 16	11 3	17 26	4 15	18 14	1 47	23 1	1 39	23 44	0 31	4 29	1 8	19 2	1 32	4 25	0 44	0 19	1 42	27 24	8 12	19 57	20 10	20 21	4 57	3 3
W17	11 25	13 57	4 52	18 44	1 53	23 16	1 41	23 46	0 34	4 34	1 8	19 3	1 32	4 24	0 44	0 20	1 42	27 24	8 11	19 57	20 10	20 20	4 56	3 3
T 18	11 46	9 44	5 11	19 14	1 58	23 30	1 44	23 49	0 36	4 39	1 8	19 5	1 31	4 23	0 44	0 20	1 42	27 24	8 11	19 56	20 9	20 19	4 55	3 3
F 19	12 7	5 4	5 12	19 42	2 3	23 44	1 46	23 51	0 39	4 44	1 8	19 6	1 31	4 22	0 44	0 21	1 42	27 24	8 11	19 56	20 8	20 18	4 54	3 3
S 20	12 28	0 13	4 56	20 10	2 7	23 57	1 48	23 54	0 41	4 49	1 8	19 7	1 31	4 20	0 44	0 21	1 42	27 23	8 11	19 55	20 8	20 17	4 53	3 3
S 21	12 49	4s35	4 24	20 36	2 12	24 10	1 51	23 56	0 44	4 54	1 8	19 9	1 31	4 19	0 44	0 22	1 42	27 23	8 11	19 54	20 7	20 16	4 52	3 2
M22	13 9	9 5	3 38	21 1	2 16	24 21	1 53	23 59	0 47	4 59	1 8	19 10	1 31	4 18	0 44	0 22	1 42	27 23	8 11	19 53	20 6	20 15	4 51	3 2
T 23	13 30	13 7	2 42	21 25	2 19	24 32	1 55	24 1	0 50	5 4	1 8	19 12	1 31	4 17	0 44	0 23	1 42	27 23	8 11	19 52	20 5	20 14	4 50	3 2
W24	13 50	16 27	1 39	21 48	2 23	24 43	1 57	24 4	0 52	5 8	1 8	19 13	1 31	4 16	0 44	0 23	1 42	27 23	8 10	19 52	20 5	20 13	4 49	3 2
T 25	14 10	18 59	0 32	22 10	2 26	24 52	1 59	24 6	0 55	5 13	1 8	19 14	1 31	4 15	0 44	0 24	1 42	27 22	8 10	19 52	20 4	20 12	4 48	3 2
F 26	14 29	20 36	0n36	22 30	2 29	25 1	2 1	24 8	0 58	5 18	1 9	19 16	1 31	4 14	0 44	0 24	1 42	27 22	8 10	19 52	20 3	20 11	4 47	3 2
S 27	14 49	21 14	1 40	22 50	2 31	25 10	2 3	24 11	1 1	5 23	1 9	19 17	1 30	4 12	0 44	0 25	1 42	27 22	8 10	19 52	20 3	20 10	4 46	3 1
S 28	15 8	20 53	2 40	23 7	2 33	25 17	2 5	24 13	1 4	5 28	1 9	19 19	1 30	4 11	0 44	0 25	1 42	27 22	8 10	19 52	20 2	20 9	4 45	3 1
M29	15 27	19 37	3 33	23 24	2 34	25 24	2 7	24 15	1 6	5 32	1 9	19 20	1 30	4 10	0 44	0 26	1 42	27 21	8 10	19 53	20 1	20 8	4 44	3 1
T 30	15 45	17 30	4 17	23 38	2 35	25 30	2 8	24 17	1 9	5 37	1 9	19 22	1 30	4 9	0 44	0 26	1 42	27 21	8 9	19 53	20 1	20 7	4 43	3 1
W31	16s 4	14s38	4n49	23s52	2s35	25s35	2s10	24n19	1n12	5s42	1n 9	19s23	1n30	4n 8	0n44	0s27	1s42	27s21	8s 9	19s53	20s 0	20s 6	4n42	3n 1

Julian Day Number = 2102652.5, Delta T = 21m03s
Ecliptic obliquity = 23°33'43, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'30, Lahiri = 10°32'30 Julian Calendar 1 Oct. 1044 == Greg. Calendar 7 Oct. 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

NOVEMBER 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 4 22	14♏48'10	16♒ 9	6♐35	25♐ 7	19°R 0	17♎19	3♐ 3	21♍21	2°R45	3♒40	28°R19	28♏46	7♑55	4°R48	T 1
F 2	3 8 18	15°48'52	28°25	7°40	26°19	18♊48	17°32	3°10	21°24	2♈44	3°41	28♏18	28°43	8° 2	4♈46	F 2
S 3	3 12 15	16°49'34	10♓59	8°42	27°30	18°35	17°44	3°17	21°27	2°43	3°42	28°17	28°40	8° 8	4°44	S 3
S 4	3 16 11	17°50'18	23°55	9°41	28°42	18°21	17°56	3°24	21°29	2°42	3°42	28°16	28°36	8°15	4°43	S 4
M 5	3 20 8	18°51'03	7♈15	10°35	29°53	18° 6	18° 8	3°31	21°31	2°41	3°43	28°15	28°33	8°22	4°41	M 5
T 6	3 24 4	19°51'49	21° 1	11°24	1♑ 5	17°50	18°20	3°38	21°34	2°40	3°43	28°14	28°30	8°28	4°39	T 6
W 7	3 28 1	20°52'37	5♉10	12° 8	2°16	17°34	18°32	3°45	21°36	2°39	3°44	28°13	28°27	8°35	4°37	W 7
T 8	3 31 57	21°53'25	19°39	12°46	3°27	17°17	18°44	3°52	21°39	2°38	3°45	28°12	28°24	8°42	4°36	T 8
F 9	3 35 54	22°54'15	4♊23	13°17	4°39	16°59	18°56	3°59	21°41	2°37	3°46	28°D12	28°20	8°48	4°34	F 9
S 10	3 39 51	23°55'06	19°14	13°41	5°50	16°41	19° 8	4° 6	21°43	2°36	3°46	28°13	28°17	8°55	4°33	S 10
S 11	3 43 47	24°55'59	4♋ 4	13°56	7° 1	16°22	19°20	4°13	21°45	2°35	3°47	28°13	28°14	9° 2	4°31	S 11
M12	3 47 44	25°56'53	18°47	14°R 2	8°12	16° 2	19°32	4°20	21°48	2°34	3°48	28°13	28°11	9° 8	4°30	M12
T 13	3 51 40	26°57'48	3♌17	13°58	9°22	15°42	19°43	4°27	21°50	2°33	3°49	28°13	28° 8	9°15	4°28	T 13
W14	3 55 37	27°58'44	17°30	13°43	10°33	15°21	19°55	4°34	21°52	2°33	3°50	28°13	28° 5	9°22	4°27	W14
T 15	3 59 33	28°59'42	1♍25	13°17	11°44	15° 0	20° 7	4°41	21°54	2°32	3°51	28°13	28° 1	9°28	4°25	T 15
F 16	4 3 30	0♐ 0'41	15° 0	12°40	12°54	14°38	20°18	4°48	21°56	2°31	3°52	28°13	27°58	9°35	4°24	F 16
S 17	4 7 26	1° 1'41	28°17	11°52	14° 5	14°16	20°29	4°55	21°58	2°30	3°53	28°14	27°55	9°42	4°23	S 17
S 18	4 11 23	2° 2'43	11♎17	10°53	15°15	13°54	20°41	5° 2	21°59	2°30	3°54	28°14	27°52	9°48	4°22	S 18
M19	4 15 20	3° 3'45	24° 2	9°46	16°26	13°31	20°52	5° 9	22° 1	2°29	3°55	28°15	27°49	9°55	4°20	M19
T 20	4 19 16	4° 4'49	6♏34	8°30	17°36	13° 8	21° 3	5°16	22° 3	2°28	3°56	28°15	27°46	10° 2	4°19	T 20
W21	4 23 13	5° 5'54	18°54	7°10	18°46	12°44	21°14	5°23	22° 5	2°28	3°57	28°15	27°42	10° 9	4°18	W21
T 22	4 27 9	6° 6'59	1♐ 5	5°47	19°56	12°21	21°26	5°30	22° 6	2°27	3°58	28°R16	27°39	10°15	4°17	T 22
F 23	4 31 6	7° 8'06	13° 7	4°25	21° 6	11°57	21°36	5°37	22° 8	2°27	3°59	28°15	27°36	10°22	4°16	F 23
S 24	4 35 2	8° 9'13	25° 3	3° 6	22°15	11°34	21°47	5°44	22°10	2°26	4° 0	28°14	27°33	10°29	4°16	S 24
S 25	4 38 59	9°10'21	6♑54	1°52	23°25	11°10	21°58	5°51	22°11	2°26	4° 1	28°13	27°30	10°35	4°15	S 25
M26	4 42 55	10°11'29	18°43	0°46	24°35	10°46	22° 9	5°59	22°13	2°25	4° 2	28°11	27°26	10°42	4°14	M26
T 27	4 46 52	11°12'38	0♒33	29♏49	25°44	10°23	22°20	6° 6	22°14	2°25	4° 4	28° 9	27°23	10°49	4°13	T 27
W28	4 50 49	12°13'47	12°26	29° 3	26°53	9°59	22°30	6°13	22°15	2°25	4° 5	28° 7	27°20	10°55	4°13	W28
T 29	4 54 45	13°14'56	24°27	28°27	28° 2	9°36	22°41	6°20	22°17	2°24	4° 6	28° 6	27°17	11° 2	4°12	T 29
F 30	4 58 42	14♐16'06	6♓39	28♏ 3	29♑11	9♊13	22♎51	6♐27	22♍18	2♈24	4♒ 7	28♏ 5	27♏14	11♑ 9	4♈11	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s22	11s 9	5n10	24s 3	2s34	25s40	2s12	24n21	1n15	5s46	1n 9	19s24	1n30	4n 7	0n44	0s27	1s42	27s20	8s 9	19s53	19s59	20s 5	4n41	3n 1
F 2	16 39	7 8	5 17	24 13	2 33	25 44	2 13	24 23	1 18	5 51	1 9	19 26	1 30	4 6	0 44	0 28	1 42	27 20	8 9	19 53	19 58	20 3	4 40	3 0
S 3	16 57	2 43	5 9	24 21	2 31	25 47	2 14	24 25	1 21	5 56	1 9	19 27	1 30	4 5	0 44	0 28	1 42	27 20	8 9	19 53	19 58	20 2	4 39	3 0
S 4	17 14	1n57	4 46	24 28	2 28	25 49	2 16	24 26	1 24	6 0	1 9	19 29	1 30	4 4	0 44	0 28	1 42	27 20	8 9	19 53	19 57	20 1	4 38	3 0
M 5	17 31	6 40	4 7	24 32	2 25	25 51	2 17	24 28	1 27	6 5	1 9	19 30	1 30	4 3	0 44	0 29	1 41	27 19	8 9	19 52	19 56	20 0	4 37	3 0
T 6	17 48	11 12	3 12	24 34	2 20	25 52	2 18	24 29	1 30	6 10	1 9	19 31	1 29	4 2	0 44	0 29	1 41	27 19	8 8	19 52	19 56	19 59	4 36	3 0
W 7	18 4	15 16	2 5	24 35	2 14	25 52	2 19	24 31	1 32	6 14	1 9	19 33	1 29	4 1	0 44	0 30	1 41	27 19	8 8	19 52	19 55	19 58	4 35	3 0
T 8	18 20	18 30	0 47	24 33	2 7	25 51	2 20	24 32	1 35	6 19	1 9	19 34	1 29	4 1	0 44	0 30	1 41	27 18	8 8	19 52	19 54	19 57	4 35	2 59
F 9	18 36	20 34	0s34	24 29	1 59	25 50	2 21	24 33	1 38	6 23	1 9	19 36	1 29	4 0	0 44	0 30	1 41	27 18	8 8	19 52	19 54	19 56	4 34	2 59
S 10	18 51	21 13	1 54	24 23	1 50	25 48	2 22	24 34	1 41	6 27	1 10	19 37	1 29	3 59	0 44	0 31	1 41	27 18	8 8	19 52	19 53	19 55	4 33	2 59
S 11	19 6	20 23	3 7	24 14	1 39	25 45	2 22	24 35	1 44	6 32	1 10	19 38	1 29	3 58	0 44	0 31	1 41	27 17	8 8	19 52	19 52	19 54	4 32	2 59
M12	19 20	18 11	4 6	24 2	1 27	25 41	2 23	24 36	1 47	6 36	1 10	19 40	1 29	3 57	0 45	0 31	1 41	27 17	8 7	19 52	19 51	19 52	4 31	2 59
T 13	19 35	14 51	4 48	23 48	1 13	25 37	2 23	24 36	1 50	6 41	1 10	19 41	1 29	3 56	0 45	0 31	1 41	27 17	8 7	19 52	19 51	19 51	4 31	2 58
W14	19 49	10 42	5 12	23 31	0 58	25 32	2 24	24 37	1 52	6 45	1 10	19 42	1 29	3 56	0 45	0 32	1 41	27 16	8 7	19 52	19 50	19 50	4 30	2 58
T 15	20 2	6 5	5 17	23 12	0 41	25 26	2 24	24 37	1 55	6 49	1 10	19 44	1 29	3 55	0 45	0 32	1 41	27 16	8 7	19 52	19 49	19 49	4 29	2 58
F 16	20 15	1 16	5 4	22 49	0 23	25 19	2 24	24 37	1 58	6 53	1 10	19 45	1 29	3 54	0 45	0 32	1 41	27 16	8 7	19 52	19 49	19 48	4 29	2 58
S 17	20 28	3s31	4 35	22 24	0 4	25 12	2 24	24 37	2 0	6 58	1 10	19 46	1 29	3 53	0 45	0 32	1 41	27 15	8 7	19 52	19 48	19 47	4 28	2 58
S 18	20 41	8 3	3 53	21 56	0n15	25 4	2 24	24 37	2 3	7 2	1 10	19 48	1 29	3 53	0 45	0 33	1 41	27 15	8 7	19 52	19 47	19 46	4 27	2 57
M19	20 53	12 8	2 59	21 26	0 36	24 56	2 24	24 37	2 6	7 6	1 10	19 49	1 28	3 52	0 45	0 33	1 41	27 14	8 7	19 52	19 46	19 45	4 27	2 57
T 20	21 4	15 38	1 58	20 55	0 56	24 46	2 24	24 36	2 8	7 10	1 10	19 50	1 28	3 51	0 45	0 33	1 41	27 14	8 6	19 52	19 46	19 43	4 26	2 57
W21	21 15	18 22	0 52	20 22	1 16	24 36	2 23	24 36	2 11	7 14	1 11	19 52	1 28	3 51	0 45	0 33	1 41	27 14	8 6	19 52	19 45	19 42	4 25	2 57
T 22	21 26	20 13	0n16	19 49	1 35	24 26	2 23	24 35	2 13	7 18	1 11	19 53	1 28	3 50	0 45	0 33	1 41	27 13	8 6	19 52	19 44	19 41	4 25	2 57
F 23	21 37	21 8	1 22	19 17	1 53	24 14	2 22	24 34	2 15	7 22	1 11	19 54	1 28	3 49	0 45	0 34	1 41	27 13	8 6	19 52	19 44	19 40	4 24	2 56
S 24	21 47	21 5	2 23	18 47	2 8	24 2	2 21	24 33	2 18	7 26	1 11	19 56	1 28	3 49	0 45	0 34	1 41	27 12	8 6	19 52	19 43	19 39	4 24	2 56
S 25	21 56	20 5	3 18	18 19	2 22	23 50	2 21	24 32	2 20	7 30	1 11	19 57	1 28	3 48	0 45	0 34	1 41	27 12	8 6	19 52	19 42	19 38	4 23	2 56
M26	22 5	18 12	4 5	17 55	2 33	23 36	2 20	24 31	2 22	7 34	1 11	19 58	1 28	3 48	0 45	0 34	1 41	27 12	8 6	19 51	19 41	19 36	4 23	2 56
T 27	22 14	15 34	4 41	17 34	2 42	23 22	2 18	24 30	2 24	7 38	1 11	19 59	1 28	3 47	0 45	0 34	1 40	27 11	8 6	19 51	19 41	19 35	4 22	2 56
W28	22 22	12 17	5 5	17 18	2 49	23 8	2 17	24 28	2 26	7 42	1 11	20 1	1 28	3 47	0 45	0 34	1 40	27 11	8 6	19 51	19 40	19 34	4 22	2 55
T 29	22 30	8 29	5 16	17 6	2 53	22 53	2 16	24 26	2 28	7 46	1 12	20 2	1 28	3 46	0 45	0 34	1 40	27 10	8 5	19 50	19 39	19 33	4 21	2 55
F 30	22s38	4s16	5n13	16s58	2n56	22s37	2s14	24n25	2n30	7s49	1n12	20s 3	1n28	3n46	0n45	0s34	1s40	27s10	8s 5	19s50	19s38	19s32	4n21	2n55

Julian Day Number = 2102683.5, Delta T = 21m02s
Ecliptic obliquity = 23°33'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'34, Lahiri = 10°32'35 Julian Calendar 1 Nov. 1044 == Greg. Calendar 7 Nov. 1044

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ASTRODIENST EPHEMERIS for the year 1044
geocentric

DECEMBER 1044 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 2 38	15♐17'15	19♓ 7	27°R49	0♒20	8°R50	23♎ 1	6♐34	22♍19	2°R24	4♒ 9	28°D 5	27♏11	11♉15	4°R11	S 1
S 2	5 6 35	16°18'25	1♈56	27°D45	1°28	8♊28	23°11	6°41	22°20	2♈24	4°10	28♏ 5	27° 7	11°22	4♈11	S 2
M 3	5 10 31	17°19'35	15° 8	27♏51	2°37	8° 6	23°22	6°48	22°21	2°24	4°11	28° 6	27° 4	11°29	4°10	M 3
T 4	5 14 28	18°20'45	28°48	28° 6	3°45	7°44	23°32	6°55	22°22	2°23	4°12	28° 8	27° 1	11°35	4°10	T 4
W 5	5 18 24	19°21'55	12♉55	28°29	4°53	7°23	23°41	7° 2	22°23	2°23	4°14	28° 9	26°58	11°42	4°10	W 5
T 6	5 22 21	20°23'06	27°28	29° 0	6° 1	7° 3	23°51	7° 9	22°24	2°23	4°15	28°R10	26°55	11°49	4° 9	T 6
F 7	5 26 18	21°24'16	12♊22	29°36	7° 9	6°42	24° 1	7°16	22°25	2°23	4°17	28° 9	26°52	11°55	4° 9	F 7
S 8	5 30 14	22°25'27	27°31	0♐19	8°16	6°23	24°11	7°22	22°26	2°D23	4°18	28° 7	26°48	12° 2	4° 9	S 8
S 9	5 34 11	23°26'37	12♋44	1° 7	9°23	6° 4	24°20	7°29	22°27	2°23	4°19	28° 4	26°45	12° 9	4°D 9	S 9
M10	5 38 7	24°27'48	27°52	1°59	10°31	5°46	24°29	7°36	22°27	2°23	4°21	28° 1	26°42	12°16	4° 9	M10
T 11	5 42 4	25°29'00	12♌45	2°56	11°37	5°28	24°39	7°43	22°28	2°23	4°22	27°57	26°39	12°22	4° 9	T 11
W12	5 46 0	26°30'11	27°16	3°56	12°44	5°11	24°48	7°50	22°28	2°23	4°24	27°53	26°36	12°29	4° 9	W12
T 13	5 49 57	27°31'23	11♍22	4°59	13°50	4°55	24°57	7°57	22°29	2°24	4°25	27°51	26°32	12°36	4° 9	T 13
F 14	5 53 54	28°32'35	25° 1	6° 5	14°57	4°39	25° 6	8° 4	22°29	2°24	4°27	27°D50	26°29	12°42	4°10	F 14
S 15	5 57 50	29°33'47	8♎15	7°14	16° 3	4°24	25°15	8°10	22°30	2°24	4°28	27°50	26°26	12°49	4°10	S 15
S 16	6 1 47	0♑34'59	21° 6	8°25	17° 8	4°10	25°23	8°17	22°30	2°24	4°30	27°51	26°23	12°56	4°10	S 16
M17	6 5 43	1°36'11	3♏39	9°38	18°14	3°57	25°32	8°24	22°30	2°25	4°31	27°53	26°20	13° 2	4°11	M17
T 18	6 9 40	2°37'24	15°56	10°53	19°19	3°44	25°40	8°30	22°31	2°25	4°33	27°55	26°17	13° 9	4°11	T 18
W19	6 13 36	3°38'36	28° 3	12°10	20°24	3°32	25°49	8°37	22°31	2°25	4°34	27°R55	26°13	13°16	4°12	W19
T 20	6 17 33	4°39'49	10♐ 1	13°28	21°28	3°21	25°57	8°44	22°31	2°26	4°36	27°55	26°10	13°22	4°12	T 20
F 21	6 21 29	5°41'01	21°55	14°47	22°33	3°11	26° 5	8°50	22°31	2°26	4°38	27°52	26° 7	13°29	4°13	F 21
S 22	6 25 26	6°42'13	3♑46	16° 7	23°37	3° 2	26°13	8°57	22°R31	2°27	4°39	27°47	26° 4	13°36	4°13	S 22
S 23	6 29 23	7°43'25	15°35	17°29	24°40	2°53	26°21	9° 3	22°31	2°27	4°41	27°40	26° 1	13°42	4°14	S 23
M24	6 33 19	8°44'36	27°26	18°52	25°44	2°45	26°28	9°10	22°31	2°28	4°43	27°33	25°58	13°49	4°15	M24
T 25	6 37 16	9°45'46	9♒19	20°15	26°47	2°38	26°36	9°16	22°31	2°28	4°44	27°24	25°54	13°56	4°16	T 25
W26	6 41 12	10°46'56	21°16	21°40	27°49	2°32	26°43	9°23	22°31	2°29	4°46	27°16	25°51	14° 3	4°17	W26
T 27	6 45 9	11°48'05	3♓20	23° 5	28°51	2°27	26°51	9°29	22°30	2°30	4°48	27° 8	25°48	14° 9	4°18	T 27
F 28	6 49 5	12°49'13	15°33	24°31	29°53	2°23	26°58	9°35	22°30	2°30	4°49	27° 3	25°45	14°16	4°19	F 28
S 29	6 53 2	13°50'21	27°59	25°58	0♈55	2°19	27° 5	9°42	22°30	2°31	4°51	26°59	25°42	14°23	4°20	S 29
S 30	6 56 58	14°51'27	10♈42	27°26	1°56	2°16	27°12	9°48	22°29	2°32	4°53	26°D57	25°38	14°29	4°21	S 30
M31	7 0 55	15♑52'32	23♈45	28♐54	2♈57	2♊14	27♎18	9♐54	22♍29	2♈33	4♒54	26♏58	25♏35	14♑36	4♈22	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s45	0n12	4n55	16s54	2n57	22s21	2s13	24n23	2n31	7s53	1n12	20s 4	1n28	3n45	0n45	0s34	1s40	27s10	8s 5	19s50	19s38	19s31	4n20	2n55
S 2	22 51	4 47	4 23	16 54	2 56	22 4	2 11	24 21	2 33	7 57	1 12	20 5	1 28	3 45	0 45	0 34	1 40	27 9	8 5	19 50	19 37	19 29	4 20	2 55
M 3	22 57	9 18	3 36	16 58	2 53	21 46	2 9	24 19	2 35	8 0	1 12	20 7	1 28	3 45	0 45	0 34	1 40	27 9	8 5	19 50	19 36	19 28	4 20	2 54
T 4	23 3	13 31	2 35	17 5	2 50	21 28	2 7	24 17	2 36	8 4	1 12	20 8	1 28	3 44	0 45	0 35	1 40	27 8	8 5	19 51	19 35	19 27	4 19	2 54
W 5	23 8	17 7	1 23	17 14	2 46	21 10	2 5	24 15	2 38	8 7	1 12	20 9	1 28	3 44	0 45	0 35	1 40	27 8	8 5	19 51	19 35	19 26	4 19	2 54
T 6	23 13	19 45	0 4	17 26	2 40	20 51	2 3	24 13	2 39	8 11	1 12	20 10	1 28	3 44	0 45	0 34	1 40	27 8	8 5	19 51	19 34	19 25	4 19	2 54
F 7	23 17	21 7	1s18	17 40	2 34	20 31	2 0	24 10	2 40	8 14	1 13	20 11	1 28	3 43	0 45	0 34	1 40	27 7	8 5	19 51	19 33	19 23	4 19	2 53
S 8	23 21	20 58	2 35	17 55	2 28	20 11	1 58	24 8	2 42	8 18	1 13	20 13	1 28	3 43	0 46	0 34	1 40	27 7	8 5	19 51	19 33	19 22	4 18	2 53
S 9	23 24	19 17	3 41	18 12	2 20	19 51	1 55	24 6	2 43	8 21	1 13	20 14	1 28	3 43	0 46	0 34	1 40	27 6	8 4	19 50	19 32	19 21	4 18	2 53
M10	23 27	16 15	4 32	18 30	2 13	19 30	1 52	24 4	2 44	8 24	1 13	20 15	1 28	3 42	0 46	0 34	1 40	27 6	8 4	19 49	19 31	19 20	4 18	2 53
T 11	23 29	12 13	5 3	18 48	2 5	19 8	1 49	24 1	2 45	8 28	1 13	20 16	1 28	3 42	0 46	0 34	1 40	27 5	8 4	19 48	19 30	19 19	4 18	2 53
W12	23 31	7 34	5 14	19 7	1 57	18 46	1 46	23 59	2 46	8 31	1 13	20 17	1 28	3 42	0 46	0 34	1 40	27 5	8 4	19 47	19 30	19 17	4 18	2 52
T 13	23 32	2 38	5 5	19 27	1 49	18 24	1 43	23 57	2 46	8 34	1 13	20 18	1 28	3 42	0 46	0 34	1 40	27 4	8 4	19 47	19 29	19 16	4 17	2 52
F 14	23 33	2s17	4 39	19 47	1 41	18 1	1 40	23 55	2 47	8 37	1 14	20 19	1 28	3 42	0 46	0 34	1 40	27 4	8 4	19 47	19 28	19 15	4 17	2 52
S 15	23 34	6 57	3 59	20 7	1 32	17 38	1 36	23 53	2 48	8 40	1 14	20 20	1 28	3 42	0 46	0 34	1 40	27 4	8 4	19 47	19 27	19 14	4 17	2 52
S 16	23 34	11 10	3 8	20 27	1 24	17 15	1 33	23 51	2 48	8 43	1 14	20 21	1 28	3 41	0 46	0 34	1 40	27 3	8 4	19 47	19 27	19 12	4 17	2 51
M17	23 33	14 49	2 9	20 46	1 15	16 51	1 29	23 49	2 49	8 46	1 14	20 23	1 28	3 41	0 46	0 33	1 39	27 3	8 4	19 47	19 26	19 11	4 17	2 51
T 18	23 32	17 44	1 5	21 5	1 7	16 27	1 25	23 47	2 49	8 49	1 14	20 24	1 28	3 41	0 46	0 33	1 39	27 2	8 4	19 48	19 25	19 10	4 17	2 51
W19	23 31	19 49	0n 1	21 24	0 58	16 3	1 21	23 45	2 50	8 52	1 14	20 25	1 28	3 41	0 46	0 33	1 39	27 2	8 4	19 48	19 24	19 9	4 17	2 51
T 20	23 29	20 59	1 6	21 43	0 50	15 38	1 17	23 43	2 50	8 55	1 15	20 26	1 28	3 41	0 46	0 33	1 39	27 1	8 4	19 48	19 24	19 7	4 17	2 51
F 21	23 26	21 12	2 7	22 0	0 41	15 13	1 12	23 41	2 51	8 58	1 15	20 27	1 28	3 41	0 46	0 33	1 39	27 1	8 4	19 47	19 23	19 6	4 17	2 50
S 22	23 23	20 28	3 3	22 17	0 33	14 47	1 8	23 40	2 51	9 0	1 15	20 28	1 28	3 41	0 46	0 32	1 39	27 0	8 4	19 46	19 22	19 5	4 17	2 50
S 23	23 20	18 50	3 50	22 33	0 25	14 22	1 3	23 38	2 51	9 3	1 15	20 29	1 28	3 41	0 46	0 32	1 39	27 0	8 4	19 45	19 21	19 4	4 17	2 50
M24	23 16	16 24	4 27	22 49	0 17	13 56	0 59	23 37	2 51	9 6	1 15	20 30	1 28	3 41	0 46	0 32	1 39	27 0	8 4	19 43	19 21	19 2	4 17	2 50
T 25	23 12	13 18	4 53	23 3	0 9	13 29	0 54	23 36	2 51	9 8	1 16	20 31	1 28	3 42	0 46	0 31	1 39	26 59	8 4	19 41	19 20	19 1	4 18	2 50
W26	23 7	9 38	5 7	23 17	0 1	13 3	0 49	23 34	2 51	9 11	1 16	20 32	1 28	3 42	0 46	0 31	1 39	26 59	8 4	19 39	19 19	19 0	4 18	2 49
T 27	23 2	5 34	5 7	23 29	0s 6	12 36	0 43	23 33	2 51	9 13	1 16	20 32	1 28	3 42	0 46	0 31	1 39	26 58	8 4	19 37	19 18	18 59	4 18	2 49
F 28	22 56	1 14	4 53	23 41	0 14	12 10	0 38	23 32	2 51	9 16	1 16	20 33	1 28	3 42	0 46	0 31	1 39	26 58	8 4	19 36	19 18	18 57	4 18	2 49
S 29	22 50	3n14	4 25	23 51	0 21	11 43	0 33	23 32	2 51	9 18	1 16	20 34	1 28	3 42	0 46	0 30	1 39	26 57	8 4	19 35	19 17	18 56	4 18	2 49
S 30	22 44	7 41	3 43	24 0	0 28	11 16	0 27	23 31	2 51	9 20	1 16	20 35	1 28	3 42	0 46	0 30	1 39	26 57	8 3	19 35	19 16	18 55	4 19	2 49
M31	22s37	11n53	2n49	24s 9	0s35	10s48	0s21	23n30	2n51	9s23	1n17	20s36	1n28	3n43	0n46	0s29	1s39	26s56	8s 3	19s35	19s15	18s53	4n19	2n48

Julian Day Number = 2102713.5, Delta T = 21m02s
Ecliptic obliquity = 23°33'42, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'38, Lahiri = 10°32'39 Julian Calendar 1 Dec. 1044 == Greg. Calendar 7 Dec. 1044

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

JANUARY 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 4 52	16♉53'37	7♉13	0♉23	3♓57	2°R13	27♎25	10♐ 0	22°R28	2♈34	4♒56	26♏59	25♏32	14♉43	4♈23	T 1
W 2	7 8 48	17°54'40	21° 7	1°53	4°57	2°D13	27°31	10° 6	22♍28	2°34	4°58	27°R 0	25°29	14°49	4°24	W 2
T 3	7 12 45	18°55'43	5♊28	3°23	5°56	2♊13	27°38	10°12	22°27	2°35	4°59	27° 0	25°26	14°56	4°26	T 3
F 4	7 16 41	19°56'44	20°15	4°54	6°55	2°14	27°44	10°18	22°26	2°36	5° 1	26°57	25°23	15° 3	4°27	F 4
S 5	7 20 38	20°57'45	5♋22	6°26	7°53	2°16	27°50	10°24	22°25	2°37	5° 3	26°53	25°19	15° 9	4°28	S 5
S 6	7 24 34	21°58'44	20°41	7°58	8°51	2°18	27°55	10°30	22°25	2°38	5° 5	26°46	25°16	15°16	4°30	S 6
M 7	7 28 31	22°59'42	6♌ 0	9°31	9°48	2°22	28° 1	10°36	22°24	2°39	5° 6	26°37	25°13	15°23	4°31	M 7
T 8	7 32 27	24° 0'40	21° 8	11° 4	10°45	2°26	28° 7	10°42	22°23	2°40	5° 8	26°28	25°10	15°30	4°33	T 8
W 9	7 36 24	25° 1'36	5♍56	12°38	11°41	2°30	28°12	10°47	22°22	2°41	5°10	26°20	25° 7	15°36	4°35	W 9
T 10	7 40 21	26° 2'32	20°16	14°13	12°36	2°36	28°17	10°53	22°21	2°42	5°12	26°13	25° 4	15°43	4°36	T 10
F 11	7 44 17	27° 3'27	4♎ 6	15°49	13°31	2°42	28°22	10°59	22°20	2°44	5°14	26° 8	25° 0	15°50	4°38	F 11
S 12	7 48 14	28° 4'21	17°27	17°25	14°25	2°48	28°27	11° 4	22°19	2°45	5°15	26° 5	24°57	15°56	4°40	S 12
S 13	7 52 10	29° 5'14	0♏20	19° 2	15°19	2°56	28°32	11°10	22°17	2°46	5°17	26°D 5	24°54	16° 3	4°42	S 13
M14	7 56 7	0♒ 6'06	12°51	20°40	16°12	3° 4	28°36	11°15	22°16	2°47	5°19	26° 5	24°51	16°10	4°43	M14
T 15	8 0 3	1° 6'58	25° 4	22°18	17° 4	3°12	28°40	11°21	22°15	2°48	5°21	26°R 6	24°48	16°16	4°45	T 15
W16	8 4 0	2° 7'48	7♐ 4	23°57	17°55	3°22	28°45	11°26	22°14	2°50	5°22	26° 5	24°44	16°23	4°47	W16
T 17	8 7 56	3° 8'38	18°57	25°37	18°46	3°31	28°49	11°31	22°12	2°51	5°24	26° 2	24°41	16°30	4°49	T 17
F 18	8 11 53	4° 9'26	0♑46	27°18	19°35	3°42	28°52	11°36	22°11	2°52	5°26	25°57	24°38	16°36	4°51	F 18
S 19	8 15 50	5°10'13	12°34	28°59	20°24	3°53	28°56	11°42	22° 9	2°54	5°28	25°49	24°35	16°43	4°53	S 19
S 20	8 19 46	6°10'59	24°25	0♒42	21°12	4° 4	29° 0	11°47	22° 8	2°55	5°30	25°38	24°32	16°50	4°56	S 20
M21	8 23 43	7°11'43	6♒19	2°25	21°59	4°17	29° 3	11°52	22° 6	2°57	5°31	25°25	24°29	16°57	4°58	M21
T 22	8 27 39	8°12'26	18°19	4° 9	22°46	4°29	29° 6	11°57	22° 5	2°58	5°33	25°10	24°25	17° 3	5° 0	T 22
W23	8 31 36	9°13'08	0♓25	5°53	23°31	4°42	29° 9	12° 1	22° 3	3° 0	5°35	24°57	24°22	17°10	5° 2	W23
T 24	8 35 32	10°13'48	12°38	7°39	24°15	4°56	29°12	12° 6	22° 1	3° 1	5°37	24°44	24°19	17°17	5° 5	T 24
F 25	8 39 29	11°14'26	25° 0	9°26	24°58	5°10	29°14	12°11	22° 0	3° 3	5°39	24°34	24°16	17°23	5° 7	F 25
S 26	8 43 25	12°15'02	7♈33	11°13	25°40	5°25	29°17	12°16	21°58	3° 4	5°40	24°26	24°13	17°30	5° 9	S 26
S 27	8 47 22	13°15'37	20°18	13° 1	26°21	5°40	29°19	12°20	21°56	3° 6	5°42	24°22	24°10	17°37	5°12	S 27
M28	8 51 19	14°16'10	3♉20	14°50	27° 1	5°56	29°21	12°25	21°54	3° 7	5°44	24°20	24° 6	17°43	5°14	M28
T 29	8 55 15	15°16'41	16°40	16°40	27°39	6°12	29°23	12°29	21°52	3° 9	5°46	24°20	24° 3	17°50	5°17	T 29
W30	8 59 12	16°17'10	0♊23	18°30	28°16	6°29	29°24	12°34	21°51	3°11	5°48	24°20	24° 0	17°57	5°19	W30
T 31	9 3 8	17♒17'38	14♊28	20♒21	28♓52	6♊46	29♎26	12♐38	21♍49	3♈12	5♒49	24♏19	23♏57	18♉ 3	5♈22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s29	15n38	1n45	24s16	0s42	10s21	0s15	23n30	2n51	9s25	1n17	20s37	1n28	3n43	0n47	0s29	1s39	26s56	8s 3	19s35	19s15	18s52	4n19	2n48
W 2	22 21	18 38	0 32	24 21	0 49	9 53	0 9	23 29	2 50	9 27	1 17	20 38	1 28	3 43	0 47	0 29	1 39	26 56	8 3	19 35	19 14	18 51	4 20	2 48
T 3	22 13	20 35	0s45	24 26	0 55	9 26	0 3	23 29	2 50	9 29	1 17	20 39	1 28	3 43	0 47	0 28	1 39	26 55	8 3	19 35	19 13	18 50	4 20	2 48
F 4	22 4	21 11	2 2	24 29	1 1	8 58	0n 3	23 29	2 50	9 31	1 17	20 40	1 28	3 44	0 47	0 28	1 39	26 55	8 3	19 35	19 12	18 48	4 20	2 47
S 5	21 55	20 16	3 11	24 31	1 7	8 30	0 10	23 29	2 50	9 33	1 18	20 40	1 28	3 44	0 47	0 27	1 38	26 54	8 3	19 34	19 12	18 47	4 21	2 47
S 6	21 45	17 53	4 7	24 32	1 13	8 2	0 16	23 29	2 49	9 35	1 18	20 41	1 28	3 44	0 47	0 27	1 38	26 54	8 4	19 32	19 11	18 46	4 21	2 47
M 7	21 35	14 15	4 46	24 31	1 18	7 34	0 23	23 30	2 49	9 37	1 18	20 42	1 28	3 45	0 47	0 27	1 38	26 53	8 4	19 30	19 10	18 44	4 21	2 47
T 8	21 25	9 44	5 4	24 29	1 23	7 7	0 30	23 30	2 48	9 38	1 18	20 43	1 28	3 45	0 47	0 26	1 38	26 53	8 4	19 28	19 9	18 43	4 22	2 47
W 9	21 14	4 43	5 1	24 25	1 28	6 39	0 37	23 31	2 48	9 40	1 18	20 44	1 28	3 46	0 47	0 26	1 38	26 53	8 4	19 26	19 8	18 42	4 22	2 46
T 10	21 3	0s24	4 39	24 20	1 33	6 11	0 44	23 31	2 48	9 42	1 19	20 44	1 28	3 46	0 47	0 25	1 38	26 52	8 4	19 24	19 8	18 40	4 23	2 46
F 11	20 51	5 19	4 1	24 14	1 37	5 43	0 52	23 32	2 47	9 43	1 19	20 45	1 28	3 47	0 47	0 25	1 38	26 52	8 4	19 23	19 7	18 39	4 23	2 46
S 12	20 39	9 49	3 11	24 6	1 41	5 15	0 59	23 33	2 47	9 45	1 19	20 46	1 28	3 47	0 47	0 24	1 38	26 51	8 4	19 22	19 6	18 38	4 24	2 46
S 13	20 27	13 43	2 13	23 56	1 45	4 47	1 7	23 34	2 46	9 46	1 19	20 46	1 28	3 48	0 47	0 24	1 38	26 51	8 4	19 22	19 5	18 36	4 24	2 46
M14	20 14	16 53	1 10	23 45	1 48	4 20	1 15	23 35	2 46	9 48	1 19	20 47	1 28	3 48	0 47	0 23	1 38	26 50	8 4	19 22	19 5	18 35	4 25	2 45
T 15	20 1	19 13	0 6	23 32	1 52	3 52	1 23	23 36	2 45	9 49	1 20	20 48	1 28	3 49	0 47	0 23	1 38	26 50	8 4	19 23	19 4	18 34	4 26	2 45
W16	19 47	20 39	0n58	23 18	1 54	3 25	1 31	23 37	2 44	9 50	1 20	20 49	1 28	3 49	0 47	0 22	1 38	26 50	8 4	19 22	19 3	18 32	4 26	2 45
T 17	19 33	21 8	1 59	23 2	1 57	2 57	1 39	23 39	2 44	9 52	1 20	20 49	1 28	3 50	0 47	0 21	1 38	26 49	8 4	19 22	19 2	18 31	4 27	2 45
F 18	19 19	20 40	2 53	22 45	1 59	2 30	1 47	23 40	2 43	9 53	1 20	20 50	1 28	3 50	0 47	0 21	1 38	26 49	8 4	19 20	19 1	18 30	4 27	2 45
S 19	19 4	19 18	3 40	22 26	2 1	2 3	1 56	23 42	2 43	9 54	1 20	20 50	1 28	3 51	0 47	0 20	1 38	26 48	8 4	19 18	19 1	18 28	4 28	2 45
S 20	18 49	17 7	4 18	22 5	2 2	1 36	2 4	23 43	2 42	9 55	1 21	20 51	1 29	3 52	0 47	0 20	1 38	26 48	8 4	19 16	19 0	18 27	4 29	2 44
M21	18 34	14 12	4 45	21 43	2 3	1 9	2 13	23 45	2 42	9 56	1 21	20 52	1 29	3 52	0 47	0 19	1 38	26 48	8 4	19 13	18 59	18 26	4 29	2 44
T 22	18 18	10 41	4 59	21 19	2 4	0 43	2 22	23 47	2 41	9 57	1 21	20 52	1 29	3 53	0 47	0 18	1 38	26 47	8 4	19 9	18 58	18 24	4 30	2 44
W23	18 2	6 43	4 59	20 54	2 4	0 17	2 31	23 49	2 40	9 58	1 21	20 53	1 29	3 54	0 47	0 18	1 38	26 47	8 4	19 6	18 58	18 23	4 31	2 44
T 24	17 46	2 27	4 46	20 26	2 4	0n 9	2 40	23 51	2 40	9 58	1 22	20 53	1 29	3 54	0 47	0 17	1 38	26 46	8 4	19 3	18 57	18 22	4 32	2 44
F 25	17 30	1n59	4 20	19 57	2 3	0 35	2 49	23 53	2 39	9 59	1 22	20 54	1 29	3 55	0 47	0 17	1 38	26 46	8 4	19 0	18 56	18 20	4 32	2 43
S 26	17 13	6 23	3 41	19 27	2 2	1 0	2 59	23 55	2 38	10 0	1 22	20 55	1 29	3 56	0 47	0 16	1 38	26 46	8 4	18 59	18 55	18 19	4 33	2 43
S 27	16 55	10 35	2 50	18 55	2 0	1 25	3 8	23 57	2 38	10 0	1 22	20 55	1 29	3 56	0 47	0 15	1 38	26 45	8 5	18 58	18 54	18 18	4 34	2 43
M28	16 38	14 23	1 49	18 21	1 58	1 50	3 18	23 59	2 37	10 1	1 22	20 56	1 29	3 57	0 47	0 15	1 37	26 45	8 5	18 57	18 54	18 16	4 35	2 43
T 29	16 20	17 33	0 40	17 45	1 55	2 14	3 28	24 1	2 36	10 1	1 23	20 56	1 29	3 58	0 47	0 14	1 37	26 44	8 5	18 57	18 53	18 15	4 36	2 43
W30	16 2	19 49	0s32	17 8	1 52	2 38	3 37	24 4	2 36	10 2	1 23	20 57	1 29	3 59	0 47	0 13	1 37	26 44	8 5	18 57	18 52	18 13	4 37	2 43
T 31	15s44	20n55	1s44	16s29	1s48	3n 1	3n47	24n 6	2n35	10s 2	1n23	20s57	1n29	3n59	0n48	0s12	1s37	26s44	8s 5	18s57	18s51	18s12	4n37	2n42

Julian Day Number = 2102744.5, Delta T = 21m02s
Ecliptic obliquity = 23°33'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'43, Lahiri = 10°32'43 Julian Calendar 1 Jan. 1045 == Greg. Calendar 7 Jan. 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

FEBRUARY 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	9 7 5	18♒18'03	28♊57	22♒13	29♓26	7♊ 3	29♎27	12♐42	21°R47	3♈14	5♒51	24°R16	23♏54	18♑10	5♈24	F 1
S 2	9 11 1	19°18'26	13♋47	24° 6	29°59	7°21	29°28	12°46	21♍45	3°16	5°53	24♏10	23°50	18°17	5°27	S 2
S 3	9 14 58	20°18'48	28°51	25°59	0♈31	7°40	29°29	12°50	21°42	3°18	5°55	24° 1	23°47	18°24	5°30	S 3
M 4	9 18 54	21°19'07	14♌ 0	27°52	1° 0	7°58	29°30	12°54	21°40	3°19	5°56	23°50	23°44	18°30	5°33	M 4
T 5	9 22 51	22°19'25	29° 5	29°46	1°28	8°17	29°30	12°58	21°38	3°21	5°58	23°38	23°41	18°37	5°35	T 5
W 6	9 26 48	23°19'41	13♍55	1♓39	1°55	8°37	29°31	13° 2	21°36	3°23	6° 0	23°27	23°38	18°44	5°38	W 6
T 7	9 30 44	24°19'55	28°21	3°33	2°19	8°57	29°R31	13° 6	21°34	3°25	6° 1	23°17	23°35	18°50	5°41	T 7
F 8	9 34 41	25°20'08	12♎19	5°26	2°42	9°17	29°31	13° 9	21°32	3°27	6° 3	23°10	23°31	18°57	5°44	F 8
S 9	9 38 37	26°20'19	25°47	7°19	3° 3	9°38	29°31	13°13	21°29	3°29	6° 5	23° 5	23°28	19° 4	5°47	S 9
S 10	9 42 34	27°20'28	8♏47	9°10	3°22	9°58	29°30	13°16	21°27	3°30	6° 7	23° 3	23°25	19°10	5°50	S 10
M11	9 46 30	28°20'36	21°22	11° 1	3°39	10°20	29°30	13°20	21°25	3°32	6° 8	23° 3	23°22	19°17	5°52	M11
T 12	9 50 27	29°20'42	3♐38	12°49	3°54	10°41	29°29	13°23	21°23	3°34	6°10	23° 3	23°19	19°24	5°55	T 12
W13	9 54 23	0♓20'47	15°39	14°36	4° 7	11° 3	29°28	13°26	21°20	3°36	6°12	23° 2	23°15	19°31	5°58	W13
T 14	9 58 20	1°20'50	27°32	16°20	4°18	11°25	29°27	13°29	21°18	3°38	6°13	22°59	23°12	19°37	6° 1	T 14
F 15	10 2 17	2°20'51	9♑20	18° 1	4°26	11°48	29°25	13°32	21°15	3°40	6°15	22°54	23° 9	19°44	6° 5	F 15
S 16	10 6 13	3°20'51	21° 9	19°38	4°32	12°10	29°24	13°35	21°13	3°42	6°17	22°46	23° 6	19°51	6° 8	S 16
S 17	10 10 10	4°20'49	3♒ 2	21°11	4°36	12°34	29°22	13°38	21°11	3°44	6°18	22°36	23° 3	19°57	6°11	S 17
M18	10 14 6	5°20'44	15° 2	22°40	4°R38	12°57	29°20	13°41	21° 8	3°46	6°20	22°23	23° 0	20° 4	6°14	M18
T 19	10 18 3	6°20'38	27°10	24° 3	4°37	13°21	29°18	13°43	21° 6	3°48	6°21	22° 9	22°56	20°11	6°17	T 19
W20	10 21 59	7°20'30	9♓28	25°21	4°33	13°45	29°16	13°46	21° 3	3°50	6°23	21°56	22°53	20°17	6°20	W20
T 21	10 25 56	8°20'20	21°56	26°32	4°27	14° 9	29°13	13°48	21° 1	3°52	6°25	21°43	22°50	20°24	6°23	T 21
F 22	10 29 52	9°20'08	4♈34	27°37	4°19	14°33	29°11	13°51	20°58	3°55	6°26	21°33	22°47	20°31	6°27	F 22
S 23	10 33 49	10°19'54	17°22	28°35	4° 8	14°58	29° 8	13°53	20°56	3°57	6°28	21°26	22°44	20°38	6°30	S 23
S 24	10 37 46	11°19'37	0♉22	29°25	3°54	15°23	29° 5	13°55	20°53	3°59	6°29	21°21	22°41	20°44	6°33	S 24
M25	10 41 42	12°19'19	13°33	0♈ 8	3°38	15°48	29° 2	13°57	20°51	4° 1	6°31	21°19	22°37	20°51	6°36	M25
T 26	10 45 39	13°18'58	26°59	0°43	3°20	16°14	28°58	13°59	20°48	4° 3	6°32	21°D19	22°34	20°58	6°40	T 26
W27	10 49 35	14°18'34	10♊40	1°10	2°59	16°39	28°55	14° 1	20°45	4° 5	6°34	21°R20	22°31	21° 4	6°43	W27
T 28	10 53 32	15♓18'09	24♊37	1♈28	2♈36	17♊ 5	28♎51	14♐ 3	20♍43	4♈ 7	6♒35	21♏19	22♏28	21♑11	6♈46	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15s25	20n41	2s52	15s48	1s44	3n24	3n57	24n 8	2n34	10s 2	1n23	20s58	1n29	4n 0	0n48	0s12	1s37	26s43	8s 5	18s56	18s51	18s11	4n38	2n42
S 2	15 6	19 2	3 50	15 6	1 39	3 47	4 8	24 11	2 34	10 2	1 23	20 58	1 29	4 1	0 48	0 11	1 37	26 43	8 5	18 54	18 50	18 9	4 39	2 42
S 3	14 47	16 3	4 32	14 23	1 33	4 8	4 18	24 13	2 33	10 3	1 24	20 58	1 29	4 2	0 48	0 10	1 37	26 43	8 5	18 52	18 49	18 8	4 40	2 42
M 4	14 28	11 59	4 56	13 38	1 27	4 30	4 28	24 15	2 32	10 3	1 24	20 59	1 30	4 3	0 48	0 10	1 37	26 42	8 5	18 50	18 48	18 6	4 41	2 42
T 5	14 9	7 11	4 59	12 52	1 20	4 50	4 38	24 18	2 32	10 3	1 24	20 59	1 30	4 4	0 48	0 9	1 37	26 42	8 6	18 47	18 47	18 5	4 42	2 42
W 6	13 49	2 2	4 42	12 4	1 12	5 10	4 49	24 20	2 31	10 3	1 24	21 0	1 30	4 5	0 48	0 8	1 37	26 42	8 6	18 44	18 47	18 4	4 43	2 41
T 7	13 29	3s 6	4 6	11 15	1 4	5 30	4 59	24 23	2 30	10 2	1 25	21 0	1 30	4 5	0 48	0 7	1 37	26 41	8 6	18 41	18 46	18 2	4 44	2 41
F 8	13 9	7 55	3 17	10 26	0 56	5 49	5 10	24 25	2 30	10 2	1 25	21 0	1 30	4 6	0 48	0 6	1 37	26 41	8 6	18 40	18 45	18 1	4 45	2 41
S 9	12 48	12 10	2 19	9 35	0 46	6 7	5 20	24 28	2 29	10 2	1 25	21 1	1 30	4 7	0 48	0 6	1 37	26 41	8 6	18 38	18 44	17 59	4 46	2 41
S 10	12 27	15 41	1 15	8 44	0 36	6 24	5 30	24 30	2 28	10 2	1 25	21 1	1 30	4 8	0 48	0 5	1 37	26 40	8 6	18 38	18 43	17 58	4 47	2 41
M11	12 7	18 20	0 9	7 52	0 25	6 40	5 41	24 33	2 28	10 1	1 25	21 2	1 30	4 9	0 48	0 4	1 37	26 40	8 6	18 38	18 43	17 57	4 48	2 41
T 12	11 46	20 4	0n56	7 0	0 14	6 56	5 51	24 35	2 27	10 1	1 26	21 2	1 30	4 10	0 48	0 3	1 37	26 40	8 6	18 38	18 42	17 55	4 49	2 41
W13	11 24	20 51	1 57	6 8	0 2	7 10	6 2	24 38	2 26	10 0	1 26	21 2	1 30	4 11	0 48	0 3	1 37	26 40	8 7	18 38	18 41	17 54	4 50	2 40
T 14	11 3	20 41	2 52	5 16	0n10	7 24	6 12	24 40	2 26	10 0	1 26	21 2	1 30	4 12	0 48	0 2	1 37	26 39	8 7	18 37	18 40	17 52	4 51	2 40
F 15	10 41	19 36	3 39	4 25	0 23	7 36	6 22	24 43	2 25	9 59	1 26	21 3	1 30	4 13	0 48	0 1	1 37	26 39	8 7	18 36	18 39	17 51	4 52	2 40
S 16	10 20	17 40	4 17	3 35	0 36	7 48	6 32	24 45	2 24	9 58	1 26	21 3	1 30	4 14	0 48	0 0	1 37	26 39	8 7	18 34	18 39	17 49	4 54	2 40
S 17	9 58	14 59	4 43	2 45	0 49	7 59	6 42	24 47	2 24	9 57	1 27	21 3	1 31	4 15	0 48	0n 1	1 37	26 38	8 7	18 31	18 38	17 48	4 55	2 40
M18	9 36	11 39	4 58	1 58	1 3	8 8	6 51	24 50	2 23	9 57	1 27	21 4	1 31	4 16	0 48	0 2	1 37	26 38	8 7	18 28	18 37	17 47	4 56	2 40
T 19	9 14	7 50	4 59	1 12	1 16	8 16	7 1	24 52	2 22	9 56	1 27	21 4	1 31	4 17	0 48	0 2	1 37	26 38	8 8	18 24	18 36	17 45	4 57	2 40
W20	8 51	3 38	4 47	0 29	1 30	8 23	7 10	24 54	2 22	9 55	1 27	21 4	1 31	4 18	0 48	0 3	1 37	26 38	8 8	18 20	18 35	17 44	4 58	2 40
T 21	8 29	0n46	4 20	0n12	1 44	8 29	7 19	24 57	2 21	9 54	1 27	21 4	1 31	4 19	0 48	0 4	1 37	26 37	8 8	18 17	18 35	17 42	4 59	2 39
F 22	8 7	5 12	3 41	0 50	1 57	8 33	7 27	24 59	2 20	9 52	1 28	21 4	1 31	4 20	0 48	0 5	1 37	26 37	8 8	18 15	18 34	17 41	5 0	2 39
S 23	7 44	9 28	2 50	1 25	2 10	8 36	7 35	25 1	2 20	9 51	1 28	21 5	1 31	4 21	0 48	0 6	1 37	26 37	8 8	18 13	18 33	17 39	5 2	2 39
S 24	7 21	13 21	1 49	1 57	2 23	8 38	7 43	25 3	2 19	9 50	1 28	21 5	1 31	4 22	0 48	0 7	1 37	26 37	8 8	18 11	18 32	17 38	5 3	2 39
M25	6 58	16 39	0 41	2 25	2 35	8 38	7 50	25 5	2 18	9 49	1 28	21 5	1 31	4 23	0 48	0 8	1 37	26 36	8 9	18 11	18 31	17 36	5 4	2 39
T 26	6 35	19 6	0s30	2 49	2 46	8 36	7 57	25 7	2 17	9 47	1 28	21 5	1 31	4 24	0 48	0 8	1 37	26 36	8 9	18 11	18 30	17 35	5 5	2 39
W27	6 12	20 30	1 41	3 9	2 56	8 34	8 3	25 9	2 17	9 46	1 28	21 5	1 31	4 25	0 48	0 9	1 37	26 36	8 9	18 11	18 30	17 34	5 6	2 39
T 28	5s49	20n40	2s47	3n25	3n 5	8n29	8n 8	25n11	2n16	9s45	1n29	21s 5	1n32	4n26	0n48	0n10	1s37	26s36	8s 9	18s11	18s29	17s32	5n 8	2n39

Julian Day Number = 2102775.5, Delta T = 21m01s
Ecliptic obliquity = 23°33'41, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'47, Lahiri = 10°32'47 Julian Calendar 1 Feb. 1045 == Greg. Calendar 7 Feb. 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

MARCH 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 57 28	16♓17'41	8♋51	1♈38	2°R11	17♊31	28°R47	14♐ 5	20°R40	4♈10	6♒37	21°R17	22♏25	21♑18	6♈50	F 1
S 2	11 1 25	17°17'11	23°20	1°R41	1♈43	17°58	28♎43	14° 7	20♍38	4°12	6°38	21♏13	22°21	21°24	6°53	S 2
S 3	11 5 21	18°16'38	8♌ 0	1°35	1°14	18°24	28°39	14° 8	20°35	4°14	6°40	21° 6	22°18	21°31	6°57	S 3
M 4	11 9 18	19°16'03	22°45	1°22	0°43	18°51	28°35	14°10	20°32	4°16	6°41	20°57	22°15	21°38	7° 0	M 4
T 5	11 13 14	20°15'25	7♍29	1° 2	0°10	19°18	28°30	14°11	20°30	4°18	6°42	20°48	22°12	21°45	7° 3	T 5
W 6	11 17 11	21°14'46	22° 2	0°35	29♓36	19°45	28°26	14°12	20°27	4°20	6°44	20°38	22° 9	21°51	7° 7	W 6
T 7	11 21 8	22°14'04	6♎17	0° 2	29° 0	20°12	28°21	14°13	20°25	4°23	6°45	20°30	22° 6	21°58	7°10	T 7
F 8	11 25 4	23°13'20	20°10	29♓24	28°24	20°40	28°16	14°14	20°22	4°25	6°46	20°24	22° 2	22° 5	7°14	F 8
S 9	11 29 1	24°12'35	3♏38	28°42	27°47	21° 8	28°11	14°15	20°20	4°27	6°48	20°21	21°59	22°11	7°17	S 9
S 10	11 32 57	25°11'47	16°40	27°56	27° 9	21°35	28° 5	14°16	20°17	4°29	6°49	20°D19	21°56	22°18	7°21	S 10
M11	11 36 54	26°10'58	29°19	27° 8	26°31	22° 3	28° 0	14°17	20°14	4°32	6°50	20°19	21°53	22°25	7°24	M11
T 12	11 40 50	27°10'07	11♐39	26°19	25°53	22°32	27°54	14°17	20°12	4°34	6°52	20°20	21°50	22°32	7°28	T 12
W13	11 44 47	28° 9'14	23°44	25°29	25°15	23° 0	27°49	14°18	20° 9	4°36	6°53	20°R21	21°47	22°38	7°31	W13
T 14	11 48 43	29° 8'19	5♑39	24°40	24°38	23°29	27°43	14°18	20° 7	4°38	6°54	20°21	21°43	22°45	7°35	T 14
F 15	11 52 40	0♈ 7'23	17°30	23°52	24° 2	23°57	27°37	14°19	20° 4	4°41	6°55	20°19	21°40	22°52	7°38	F 15
S 16	11 56 37	1° 6'25	29°22	23° 6	23°26	24°26	27°31	14°19	20° 2	4°43	6°56	20°16	21°37	22°58	7°42	S 16
S 17	12 0 33	2° 5'24	11♒18	22°24	22°52	24°55	27°25	14°19	19°59	4°45	6°58	20°10	21°34	23° 5	7°45	S 17
M18	12 4 30	3° 4'22	23°23	21°46	22°19	25°24	27°18	14°R19	19°57	4°47	6°59	20° 2	21°31	23°12	7°49	M18
T 19	12 8 26	4° 3'18	5♓39	21°11	21°48	25°54	27°12	14°19	19°54	4°50	7° 0	19°54	21°27	23°18	7°53	T 19
W20	12 12 23	5° 2'12	18° 8	20°42	21°18	26°23	27° 5	14°19	19°52	4°52	7° 1	19°45	21°24	23°25	7°56	W20
T 21	12 16 19	6° 1'04	0♈50	20°17	20°51	26°53	26°59	14°19	19°49	4°54	7° 2	19°38	21°21	23°32	8° 0	T 21
F 22	12 20 16	6°59'54	13°47	19°58	20°25	27°23	26°52	14°19	19°47	4°57	7° 3	19°32	21°18	23°39	8° 3	F 22
S 23	12 24 12	7°58'42	26°56	19°43	20° 2	27°52	26°45	14°18	19°44	4°59	7° 4	19°27	21°15	23°45	8° 7	S 23
S 24	12 28 9	8°57'28	10♉18	19°34	19°41	28°22	26°38	14°18	19°42	5° 1	7° 5	19°25	21°12	23°52	8°10	S 24
M25	12 32 5	9°56'12	23°51	19°D31	19°22	28°53	26°31	14°17	19°39	5° 3	7° 6	19°D25	21° 8	23°59	8°14	M25
T 26	12 36 2	10°54'54	7♊34	19°32	19° 5	29°23	26°24	14°16	19°37	5° 6	7° 7	19°26	21° 5	24° 5	8°17	T 26
W27	12 39 59	11°53'33	21°27	19°39	18°51	29°53	26°17	14°15	19°35	5° 8	7° 8	19°27	21° 2	24°12	8°21	W27
T 28	12 43 55	12°52'10	5♋29	19°51	18°40	0♋24	26°10	14°14	19°32	5°10	7° 9	19°28	20°59	24°19	8°24	T 28
F 29	12 47 52	13°50'45	19°38	20° 8	18°30	0°55	26° 3	14°13	19°30	5°12	7°10	19°R28	20°56	24°26	8°28	F 29
S 30	12 51 48	14°49'17	3♌54	20°29	18°24	1°25	25°55	14°12	19°28	5°15	7°11	19°27	20°52	24°32	8°32	S 30
S 31	12 55 45	15♈47'48	18♌13	20♓55	18♓19	1♋56	25♎48	14♐11	19♍26	5♈17	7♒12	19♏24	20♏49	24♑39	8♈35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	5s26	19n32	3s45	3n37	3n13	8n23	8n13	25n13	2n15	9s43	1n29	21s 5	1n32	4n27	0n48	0n11	1s37	26s36	8s 9	18s10	18s28	17s31	5n 9	2n39
S 2	5 3	17 7	4 29	3 44	3 20	8 16	8 16	25 15	2 15	9 41	1 29	21 6	1 32	4 28	0 48	0 12	1 37	26 35	8 10	18 9	18 27	17 29	5 10	2 38
S 3	4 40	13 36	4 56	3 46	3 26	8 7	8 20	25 17	2 14	9 40	1 29	21 6	1 32	4 29	0 48	0 13	1 37	26 35	8 10	18 8	18 26	17 28	5 11	2 38
M 4	4 16	9 13	5 3	3 45	3 30	7 57	8 22	25 18	2 14	9 38	1 29	21 6	1 32	4 30	0 48	0 14	1 37	26 35	8 10	18 5	18 26	17 26	5 13	2 38
T 5	3 53	4 18	4 51	3 39	3 32	7 45	8 23	25 20	2 13	9 36	1 29	21 6	1 32	4 31	0 48	0 15	1 37	26 35	8 10	18 3	18 25	17 25	5 14	2 38
W 6	3 29	0s48	4 20	3 29	3 32	7 32	8 24	25 22	2 12	9 35	1 30	21 6	1 32	4 32	0 48	0 15	1 37	26 35	8 10	18 0	18 24	17 23	5 15	2 38
T 7	3 6	5 46	3 33	3 14	3 31	7 18	8 24	25 23	2 12	9 33	1 30	21 6	1 32	4 33	0 48	0 16	1 37	26 35	8 11	17 58	18 23	17 22	5 17	2 38
F 8	2 42	10 18	2 34	2 56	3 28	7 2	8 22	25 24	2 11	9 31	1 30	21 6	1 32	4 34	0 48	0 17	1 37	26 34	8 11	17 56	18 22	17 20	5 18	2 38
S 9	2 19	14 10	1 28	2 35	3 24	6 45	8 20	25 26	2 10	9 29	1 30	21 6	1 32	4 35	0 48	0 18	1 37	26 34	8 11	17 55	18 21	17 19	5 19	2 38
S 10	1 55	17 13	0 20	2 11	3 17	6 27	8 17	25 27	2 10	9 27	1 30	21 6	1 32	4 36	0 48	0 19	1 37	26 34	8 11	17 55	18 21	17 17	5 20	2 38
M11	1 31	19 19	0n48	1 44	3 9	6 9	8 13	25 28	2 9	9 25	1 30	21 6	1 32	4 37	0 48	0 20	1 37	26 34	8 11	17 55	18 20	17 16	5 22	2 38
T 12	1 8	20 27	1 52	1 16	2 59	5 49	8 8	25 29	2 8	9 23	1 30	21 6	1 33	4 38	0 48	0 21	1 37	26 34	8 12	17 55	18 19	17 14	5 23	2 37
W13	0 44	20 35	2 50	0 46	2 48	5 29	8 2	25 30	2 8	9 21	1 30	21 6	1 33	4 39	0 48	0 22	1 37	26 34	8 12	17 56	18 18	17 13	5 24	2 37
T 14	0 21	19 47	3 39	0 15	2 36	5 8	7 56	25 31	2 7	9 18	1 31	21 6	1 33	4 40	0 48	0 23	1 37	26 34	8 12	17 56	18 17	17 11	5 26	2 37
F 15	0n 3	18 8	4 19	0s16	2 22	4 46	7 48	25 32	2 6	9 16	1 31	21 6	1 33	4 41	0 48	0 24	1 37	26 34	8 12	17 55	18 16	17 10	5 27	2 37
S 16	0 27	15 42	4 47	0 48	2 8	4 25	7 40	25 32	2 6	9 14	1 31	21 6	1 33	4 42	0 48	0 24	1 37	26 34	8 13	17 54	18 16	17 8	5 28	2 37
S 17	0 50	12 36	5 4	1 18	1 53	4 3	7 31	25 33	2 5	9 12	1 31	21 6	1 33	4 43	0 48	0 25	1 37	26 33	8 13	17 52	18 15	17 7	5 30	2 37
M18	1 14	8 58	5 7	1 48	1 37	3 41	7 21	25 33	2 4	9 9	1 31	21 6	1 33	4 44	0 48	0 26	1 37	26 33	8 13	17 50	18 14	17 5	5 31	2 37
T 19	1 37	4 54	4 56	2 16	1 21	3 19	7 11	25 34	2 4	9 7	1 31	21 6	1 33	4 45	0 48	0 27	1 37	26 33	8 13	17 48	18 13	17 4	5 32	2 37
W20	2 1	0 34	4 31	2 43	1 5	2 58	7 0	25 34	2 3	9 4	1 31	21 5	1 33	4 46	0 48	0 28	1 37	26 33	8 14	17 46	18 12	17 2	5 34	2 37
T 21	2 24	3n53	3 52	3 7	0 49	2 36	6 48	25 34	2 3	9 2	1 31	21 5	1 33	4 47	0 48	0 29	1 37	26 33	8 14	17 44	18 11	17 1	5 35	2 37
F 22	2 47	8 14	3 1	3 29	0 33	2 15	6 36	25 34	2 2	8 59	1 31	21 5	1 33	4 48	0 48	0 30	1 37	26 33	8 14	17 42	18 11	16 59	5 36	2 37
S 23	3 11	12 17	1 59	3 50	0 17	1 55	6 24	25 34	2 1	8 57	1 31	21 5	1 34	4 49	0 48	0 31	1 37	26 33	8 14	17 41	18 10	16 58	5 38	2 37
S 24	3 34	15 46	0 49	4 7	0 2	1 35	6 11	25 34	2 1	8 54	1 31	21 5	1 34	4 50	0 48	0 32	1 37	26 33	8 15	17 40	18 9	16 56	5 39	2 37
M25	3 57	18 27	0s24	4 22	0s13	1 16	5 58	25 34	2 0	8 52	1 31	21 5	1 34	4 51	0 48	0 32	1 37	26 33	8 15	17 40	18 8	16 55	5 41	2 37
T 26	4 20	20 5	1 37	4 35	0 27	0 57	5 45	25 33	1 59	8 49	1 31	21 5	1 34	4 52	0 48	0 33	1 37	26 33	8 15	17 41	18 7	16 53	5 42	2 37
W27	4 43	20 32	2 45	4 45	0 41	0 40	5 32	25 33	1 59	8 47	1 32	21 4	1 34	4 53	0 48	0 34	1 37	26 33	8 15	17 41	18 6	16 52	5 43	2 36
T 28	5 6	19 43	3 45	4 52	0 54	0 23	5 19	25 32	1 58	8 44	1 32	21 4	1 34	4 54	0 48	0 35	1 37	26 33	8 16	17 41	18 6	16 50	5 45	2 36
F 29	5 29	17 39	4 31	4 57	1 7	0 7	5 5	25 31	1 58	8 41	1 32	21 4	1 34	4 54	0 48	0 36	1 37	26 33	8 16	17 41	18 5	16 48	5 46	2 36
S 30	5 52	14 31	5 0	5 0	1 19	0s 8	4 52	25 30	1 57	8 39	1 32	21 4	1 34	4 55	0 48	0 37	1 37	26 33	8 16	17 41	18 4	16 47	5 47	2 36
S 31	6n15	10n30	5s12	5s 0	1s30	0s22	4n38	25n29	1n56	8s36	1n32	21s 4	1n34	4n56	0n48	0n38	1s37	26s33	8s16	17s40	18s 3	16s45	5n49	2n36

Julian Day Number = 2102803.5, Delta T = 21m01s
Ecliptic obliquity = 23°33'42, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'51, Lahiri = 10°32'51 Julian Calendar 1 March 1045 == Greg. Calendar 7 March 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

APRIL 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 59 41	16♈46'16	2♍32	21♓25	18°D17	2♋27	25°R40	14°R10	19°R23	5♈19	7♒12	19°R20	20♏46	24♉46	8♈39	M 1
T 2	13 3 38	17°44'41	16°47	21°59	18♓18	2°58	25♎33	14♐ 8	19♍21	5°21	7°13	19♏15	20°43	24°52	8°42	T 2
W 3	13 7 34	18°43'05	0♎52	22°37	18°20	3°30	25°25	14° 7	19°19	5°24	7°14	19°11	20°40	24°59	8°46	W 3
T 4	13 11 31	19°41'27	14°44	23°19	18°25	4° 1	25°18	14° 5	19°17	5°26	7°15	19° 7	20°37	25° 6	8°49	T 4
F 5	13 15 28	20°39'47	28°19	24° 5	18°33	4°32	25°10	14° 4	19°15	5°28	7°15	19° 4	20°33	25°12	8°53	F 5
S 6	13 19 24	21°38'05	11♏35	24°54	18°42	5° 4	25° 3	14° 2	19°13	5°30	7°16	19° 3	20°30	25°19	8°56	S 6
S 7	13 23 21	22°36'21	24°31	25°46	18°54	5°35	24°55	14° 0	19°11	5°32	7°17	19°D 2	20°27	25°26	9° 0	S 7
M 8	13 27 17	23°34'36	7♐ 8	26°41	19° 8	6° 7	24°47	13°58	19° 9	5°35	7°17	19° 3	20°24	25°33	9° 3	M 8
T 9	13 31 14	24°32'49	19°28	27°40	19°23	6°39	24°40	13°56	19° 7	5°37	7°18	19° 5	20°21	25°39	9° 7	T 9
W10	13 35 10	25°31'00	1♑34	28°41	19°41	7°11	24°32	13°54	19° 5	5°39	7°19	19° 7	20°18	25°46	9°10	W10
T 11	13 39 7	26°29'11	13°32	29°46	20° 1	7°43	24°24	13°52	19° 3	5°41	7°19	19° 8	20°14	25°53	9°14	T 11
F 12	13 43 3	27°27'19	25°25	0♈53	20°22	8°15	24°17	13°50	19° 1	5°43	7°20	19°R 9	20°11	25°59	9°17	F 12
S 13	13 47 0	28°25'26	7♒18	2° 2	20°45	8°47	24° 9	13°47	18°59	5°45	7°20	19° 8	20° 8	26° 6	9°20	S 13
S 14	13 50 57	29°23'31	19°16	3°14	21°10	9°19	24° 2	13°45	18°57	5°47	7°21	19° 7	20° 5	26°13	9°24	S 14
M15	13 54 53	0♉21'35	1♓23	4°29	21°37	9°52	23°54	13°42	18°56	5°50	7°21	19° 5	20° 2	26°20	9°27	M15
T 16	13 58 50	1°19'38	13°44	5°46	22° 5	10°24	23°46	13°40	18°54	5°52	7°22	19° 3	19°58	26°26	9°30	T 16
W17	14 2 46	2°17'39	26°20	7° 5	22°34	10°57	23°39	13°37	18°52	5°54	7°22	19° 0	19°55	26°33	9°34	W17
T 18	14 6 43	3°15'39	9♈14	8°27	23° 5	11°29	23°31	13°34	18°51	5°56	7°23	18°58	19°52	26°40	9°37	T 18
F 19	14 10 39	4°13'37	22°26	9°51	23°38	12° 2	23°24	13°31	18°49	5°58	7°23	18°56	19°49	26°46	9°40	F 19
S 20	14 14 36	5°11'33	5♉56	11°17	24°12	12°35	23°16	13°28	18°47	6° 0	7°23	18°55	19°46	26°53	9°44	S 20
S 21	14 18 32	6° 9'28	19°43	12°45	24°47	13° 8	23° 9	13°25	18°46	6° 2	7°24	18°D55	19°43	27° 0	9°47	S 21
M22	14 22 29	7° 7'22	3♊42	14°15	25°23	13°41	23° 2	13°22	18°44	6° 4	7°24	18°55	19°39	27° 7	9°50	M22
T 23	14 26 26	8° 5'14	17°51	15°48	26° 1	14°14	22°55	13°19	18°43	6° 6	7°24	18°56	19°36	27°13	9°54	T 23
W24	14 30 22	9° 3'04	2♋ 7	17°22	26°39	14°47	22°48	13°16	18°42	6° 8	7°24	18°57	19°33	27°20	9°57	W24
T 25	14 34 19	10° 0'52	16°25	18°59	27°19	15°20	22°40	13°13	18°40	6°10	7°25	18°57	19°30	27°27	10° 0	T 25
F 26	14 38 15	10°58'39	0♌42	20°38	28° 0	15°54	22°33	13° 9	18°39	6°12	7°25	18°58	19°27	27°33	10° 3	F 26
S 27	14 42 12	11°56'24	14°55	22°19	28°42	16°27	22°27	13° 6	18°38	6°14	7°25	18°R58	19°23	27°40	10° 6	S 27
S 28	14 46 8	12°54'07	29° 3	24° 2	29°25	17° 0	22°20	13° 3	18°37	6°16	7°25	18°58	19°20	27°47	10° 9	S 28
M29	14 50 5	13°51'48	13♍ 2	25°47	0♈ 8	17°34	22°13	12°59	18°36	6°18	7°25	18°57	19°17	27°54	10°12	M29
T 30	14 54 1	14♉49'28	26♍52	27♈34	0♈53	18♋ 7	22♎ 6	12♐56	18♍34	6♈19	7♒25	18♏57	19♏14	28♉ 0	10♈16	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n37	5n54	5s 3	4s58	1s40	0s36	4n25	25n28	1n56	8s33	1n32	21s 3	1n34	4n57	0n48	0n39	1s37	26s33	8s17	17s39	18s 2	16s44	5n50	2n36
T 2	7 0	1 0	4 37	4 53	1 50	0 48	4 12	25 27	1 55	8 30	1 32	21 3	1 34	4 58	0 48	0 40	1 37	26 33	8 17	17 38	18 1	16 42	5 51	2 36
W 3	7 22	3s55	3 53	4 46	1 59	0 59	3 58	25 25	1 55	8 28	1 32	21 3	1 34	4 59	0 48	0 40	1 37	26 33	8 17	17 36	18 1	16 41	5 53	2 36
T 4	7 44	8 33	2 57	4 37	2 8	1 9	3 45	25 24	1 54	8 25	1 32	21 3	1 34	5 0	0 48	0 41	1 37	26 33	8 18	17 35	18 0	16 39	5 54	2 36
F 5	8 7	12 40	1 51	4 26	2 15	1 18	3 32	25 22	1 53	8 22	1 32	21 2	1 35	5 0	0 47	0 42	1 37	26 33	8 18	17 35	17 59	16 38	5 56	2 36
S 6	8 28	16 2	0 41	4 13	2 22	1 26	3 19	25 21	1 53	8 19	1 32	21 2	1 35	5 1	0 47	0 43	1 37	26 34	8 18	17 34	17 58	16 36	5 57	2 36
S 7	8 50	18 31	0n30	3 58	2 28	1 33	3 7	25 19	1 52	8 17	1 32	21 2	1 35	5 2	0 47	0 44	1 37	26 34	8 18	17 34	17 57	16 34	5 58	2 36
M 8	9 12	20 0	1 38	3 40	2 34	1 39	2 54	25 17	1 52	8 14	1 31	21 2	1 35	5 3	0 47	0 45	1 37	26 34	8 19	17 34	17 56	16 33	6 0	2 36
T 9	9 34	20 29	2 39	3 21	2 39	1 44	2 42	25 15	1 51	8 11	1 31	21 1	1 35	5 3	0 47	0 46	1 37	26 34	8 19	17 35	17 55	16 31	6 1	2 36
W10	9 55	20 0	3 33	3 1	2 43	1 48	2 30	25 12	1 50	8 8	1 31	21 1	1 35	5 4	0 47	0 46	1 37	26 34	8 19	17 35	17 55	16 30	6 2	2 36
T 11	10 16	18 37	4 16	2 38	2 46	1 51	2 18	25 10	1 50	8 6	1 31	21 1	1 35	5 5	0 47	0 47	1 37	26 34	8 19	17 36	17 54	16 28	6 4	2 36
F 12	10 37	16 26	4 49	2 14	2 49	1 53	2 7	25 7	1 49	8 3	1 31	21 0	1 35	5 6	0 47	0 48	1 37	26 34	8 20	17 36	17 53	16 27	6 5	2 36
S 13	10 58	13 34	5 8	1 48	2 52	1 55	1 56	25 5	1 49	8 0	1 31	21 0	1 35	5 6	0 47	0 49	1 37	26 34	8 20	17 36	17 52	16 25	6 6	2 36
S 14	11 19	10 8	5 15	1 21	2 53	1 55	1 45	25 2	1 48	7 57	1 31	21 0	1 35	5 7	0 47	0 50	1 37	26 34	8 20	17 35	17 51	16 23	6 8	2 36
M15	11 39	6 14	5 8	0 52	2 54	1 54	1 34	24 59	1 48	7 55	1 31	20 59	1 35	5 8	0 47	0 51	1 37	26 35	8 21	17 35	17 50	16 22	6 9	2 36
T 16	12 0	2 1	4 46	0 22	2 54	1 53	1 23	24 56	1 47	7 52	1 31	20 59	1 35	5 8	0 47	0 51	1 37	26 35	8 21	17 34	17 49	16 20	6 10	2 36
W17	12 20	2n22	4 11	0n10	2 54	1 51	1 13	24 52	1 46	7 49	1 31	20 59	1 35	5 9	0 47	0 52	1 37	26 35	8 21	17 34	17 49	16 19	6 12	2 36
T 18	12 40	6 46	3 22	0 43	2 53	1 47	1 3	24 49	1 46	7 46	1 31	20 58	1 35	5 9	0 47	0 53	1 37	26 35	8 21	17 33	17 48	16 17	6 13	2 36
F 19	13 0	10 57	2 21	1 17	2 52	1 43	0 53	24 46	1 45	7 44	1 31	20 58	1 35	5 10	0 47	0 54	1 37	26 35	8 22	17 32	17 47	16 15	6 14	2 36
S 20	13 19	14 41	1 11	1 53	2 50	1 39	0 44	24 42	1 45	7 41	1 31	20 57	1 35	5 11	0 47	0 55	1 37	26 35	8 22	17 32	17 46	16 14	6 16	2 36
S 21	13 38	17 41	0s 4	2 30	2 47	1 33	0 35	24 38	1 44	7 39	1 30	20 57	1 35	5 11	0 47	0 55	1 37	26 36	8 22	17 32	17 45	16 12	6 17	2 36
M22	13 58	19 40	1 21	3 8	2 44	1 27	0 26	24 34	1 43	7 36	1 30	20 57	1 35	5 12	0 47	0 56	1 37	26 36	8 23	17 32	17 44	16 11	6 18	2 36
T 23	14 16	20 27	2 33	3 47	2 40	1 20	0 17	24 30	1 43	7 33	1 30	20 56	1 35	5 12	0 47	0 57	1 37	26 36	8 23	17 32	17 43	16 9	6 20	2 36
W24	14 35	19 56	3 37	4 28	2 35	1 12	0 8	24 26	1 42	7 31	1 30	20 56	1 35	5 13	0 47	0 58	1 37	26 36	8 23	17 33	17 43	16 7	6 21	2 36
T 25	14 54	18 8	4 27	5 9	2 31	1 4	0 0	24 22	1 42	7 28	1 30	20 55	1 35	5 13	0 47	0 58	1 37	26 36	8 23	17 33	17 42	16 6	6 22	2 36
F 26	15 12	15 12	5 1	5 51	2 25	0 55	0s 8	24 17	1 41	7 26	1 30	20 55	1 35	5 14	0 47	0 59	1 37	26 37	8 24	17 33	17 41	16 4	6 23	2 36
S 27	15 30	11 24	5 16	6 35	2 19	0 45	0 15	24 12	1 41	7 24	1 30	20 54	1 35	5 14	0 47	1 0	1 37	26 37	8 24	17 33	17 40	16 3	6 25	2 36
S 28	15 47	6 59	5 12	7 19	2 13	0 35	0 23	24 8	1 40	7 21	1 29	20 54	1 36	5 15	0 47	1 1	1 37	26 37	8 24	17 33	17 39	16 1	6 26	2 36
M29	16 5	2 15	4 49	8 4	2 6	0 24	0 30	24 3	1 39	7 19	1 29	20 54	1 36	5 15	0 47	1 1	1 37	26 37	8 25	17 33	17 38	15 59	6 27	2 36
T 30	16n22	2s34	4s10	8n49	1s58	0s13	0s37	23n58	1n39	7s17	1n29	20s53	1n36	5n15	0n47	1n 2	1s37	26s38	8s25	17s33	17s37	15s58	6n28	2n36

Julian Day Number = 2102834.5, Delta T = 21m01s
Ecliptic obliquity = 23°33'42, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'55, Lahiri = 10°32'55 Julian Calendar 1 Apr. 1045 == Greg. Calendar 7 Apr. 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

MAY 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 57 58	15♉47'06	10♎30	29♈24	1♈38	18♋41	22°R 0	12°R52	18°R33	6♈21	7♒25	18°R56	19♏11	28♑ 7	10♈19	W 1
T 2	15 1 55	16°44'43	23°55	1♉15	2°25	19°15	21♎54	12♐48	18♍32	6°23	7°25	18♏56	19° 8	28°14	10°22	T 2
F 3	15 5 51	17°42'18	7♏ 6	3° 8	3°12	19°48	21°47	12°44	18°31	6°25	7°R25	18°56	19° 4	28°20	10°25	F 3
S 4	15 9 48	18°39'52	20° 2	5° 4	4° 0	20°22	21°41	12°41	18°31	6°27	7°25	18°56	19° 1	28°27	10°28	S 4
S 5	15 13 44	19°37'25	2♐44	7° 2	4°48	20°56	21°35	12°37	18°30	6°28	7°25	18°56	18°58	28°34	10°30	S 5
M 6	15 17 41	20°34'56	15°12	9° 1	5°38	21°30	21°29	12°33	18°29	6°30	7°25	18°56	18°55	28°41	10°33	M 6
T 7	15 21 37	21°32'27	27°27	11° 3	6°28	22° 4	21°23	12°29	18°28	6°32	7°25	18°56	18°52	28°47	10°36	T 7
W 8	15 25 34	22°29'57	9♑31	13° 6	7°19	22°38	21°18	12°25	18°28	6°34	7°25	18°55	18°49	28°54	10°39	W 8
T 9	15 29 30	23°27'26	21°29	15°11	8°10	23°12	21°12	12°21	18°27	6°35	7°25	18°55	18°45	29° 1	10°42	T 9
F 10	15 33 27	24°24'53	3♒22	17°17	9° 2	23°46	21° 7	12°17	18°26	6°37	7°25	18°54	18°42	29° 7	10°45	F 10
S 11	15 37 24	25°22'21	15°15	19°25	9°55	24°21	21° 1	12°13	18°26	6°39	7°24	18°54	18°39	29°14	10°47	S 11
S 12	15 41 20	26°19'47	27°13	21°35	10°48	24°55	20°56	12° 9	18°25	6°40	7°24	18°D54	18°36	29°21	10°50	S 12
M13	15 45 17	27°17'12	9♓20	23°45	11°42	25°29	20°51	12° 5	18°25	6°42	7°24	18°54	18°33	29°28	10°53	M13
T 14	15 49 13	28°14'37	21°40	25°56	12°36	26° 4	20°46	12° 0	18°24	6°44	7°24	18°55	18°29	29°34	10°56	T 14
W15	15 53 10	29°12'01	4♈18	28° 8	13°31	26°38	20°42	11°56	18°24	6°45	7°23	18°55	18°26	29°41	10°58	W15
T 16	15 57 6	0♊ 9'24	17°16	0♊20	14°26	27°13	20°37	11°52	18°24	6°47	7°23	18°56	18°23	29°48	11° 1	T 16
F 17	16 1 3	1° 6'47	0♉37	2°32	15°22	27°48	20°33	11°48	18°24	6°48	7°23	18°57	18°20	29°54	11° 3	F 17
S 18	16 4 59	2° 4'09	14°21	4°43	16°18	28°22	20°28	11°43	18°23	6°50	7°22	18°R58	18°17	0♒ 1	11° 6	S 18
S 19	16 8 56	3° 1'30	28°27	6°55	17°15	28°57	20°24	11°39	18°23	6°51	7°22	18°58	18°14	0° 8	11° 8	S 19
M20	16 12 53	3°58'51	12♊50	9° 5	18°12	29°32	20°20	11°35	18°23	6°52	7°21	18°57	18°10	0°15	11°11	M20
T 21	16 16 49	4°56'11	27°27	11°14	19°10	0♌ 7	20°17	11°30	18°D23	6°54	7°21	18°55	18° 7	0°21	11°13	T 21
W22	16 20 46	5°53'30	12♋ 9	13°23	20° 8	0°42	20°13	11°26	18°23	6°55	7°21	18°53	18° 4	0°28	11°16	W22
T 23	16 24 42	6°50'48	26°50	15°29	21° 6	1°17	20°10	11°22	18°23	6°57	7°20	18°51	18° 1	0°35	11°18	T 23
F 24	16 28 39	7°48'05	11♌25	17°34	22° 5	1°52	20° 6	11°17	18°23	6°58	7°19	18°49	17°58	0°41	11°20	F 24
S 25	16 32 35	8°45'21	25°47	19°38	23° 4	2°27	20° 3	11°13	18°24	6°59	7°19	18°48	17°55	0°48	11°22	S 25
S 26	16 36 32	9°42'36	9♍54	21°39	24° 3	3° 2	20° 0	11° 8	18°24	7° 0	7°18	18°D48	17°51	0°55	11°25	S 26
M27	16 40 28	10°39'51	23°45	23°39	25° 3	3°37	19°58	11° 4	18°24	7° 2	7°18	18°48	17°48	1° 2	11°27	M27
T 28	16 44 25	11°37'04	7♎18	25°36	26° 3	4°12	19°55	10°59	18°25	7° 3	7°17	18°49	17°45	1° 8	11°29	T 28
W29	16 48 22	12°34'17	20°35	27°31	27° 3	4°48	19°53	10°55	18°25	7° 4	7°17	18°51	17°42	1°15	11°31	W29
T 30	16 52 18	13°31'29	3♏37	29°24	28° 4	5°23	19°50	10°51	18°25	7° 5	7°16	18°52	17°39	1°22	11°33	T 30
F 31	16 56 15	14♊28'40	16♏26	1♋15	29♈ 5	5♌58	19♎48	10♐46	18♍26	7♈ 6	7♒15	18°R53	17♏35	1♒28	11♈35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16n39	7s12	3s17	9n36	1s50	0s 1	0s44	23n52	1n38	7s14	1n29	20s53	1n36	5n16	0n47	1n 3	1s38	26s38	8s25	17s33	17s36	15s56	6n30	2n36
T 2	16 56	11 24	2 14	10 23	1 42	0n11	0 51	23 47	1 38	7 12	1 29	20 52	1 36	5 16	0 47	1 3	1 38	26 38	8 25	17 32	17 36	15 55	6 31	2 36
F 3	17 12	14 59	1 5	11 10	1 33	0 24	0 57	23 42	1 37	7 10	1 29	20 52	1 36	5 16	0 47	1 4	1 38	26 38	8 26	17 32	17 35	15 53	6 32	2 36
S 4	17 28	17 45	0n 6	11 57	1 24	0 38	1 3	23 36	1 37	7 8	1 28	20 51	1 36	5 17	0 47	1 5	1 38	26 39	8 26	17 32	17 34	15 51	6 33	2 36
S 5	17 44	19 34	1 16	12 45	1 15	0 52	1 9	23 30	1 36	7 6	1 28	20 51	1 36	5 17	0 46	1 5	1 38	26 39	8 26	17 32	17 33	15 50	6 34	2 36
M 6	17 59	20 24	2 21	13 33	1 5	1 6	1 15	23 24	1 36	7 4	1 28	20 50	1 36	5 17	0 46	1 6	1 38	26 39	8 27	17 32	17 32	15 48	6 35	2 36
T 7	18 14	20 15	3 18	14 21	0 55	1 21	1 20	23 18	1 35	7 2	1 28	20 50	1 36	5 18	0 46	1 7	1 38	26 40	8 27	17 32	17 31	15 46	6 37	2 36
W 8	18 29	19 9	4 5	15 9	0 44	1 36	1 26	23 12	1 34	7 0	1 28	20 49	1 36	5 18	0 46	1 7	1 38	26 40	8 27	17 32	17 30	15 45	6 38	2 36
T 9	18 44	17 12	4 41	15 56	0 34	1 52	1 31	23 6	1 34	6 58	1 27	20 49	1 36	5 18	0 46	1 8	1 38	26 40	8 27	17 32	17 29	15 43	6 39	2 36
F 10	18 58	14 33	5 5	16 43	0 23	2 8	1 36	22 59	1 33	6 56	1 27	20 48	1 36	5 18	0 46	1 9	1 38	26 41	8 28	17 32	17 29	15 41	6 40	2 36
S 11	19 12	11 18	5 16	17 28	0 12	2 25	1 40	22 53	1 33	6 54	1 27	20 48	1 35	5 18	0 46	1 9	1 38	26 41	8 28	17 32	17 28	15 40	6 41	2 36
S 12	19 26	7 35	5 14	18 13	0 2	2 41	1 45	22 46	1 32	6 52	1 27	20 47	1 35	5 19	0 46	1 10	1 38	26 41	8 28	17 32	17 27	15 38	6 42	2 36
M13	19 39	3 31	4 57	18 57	0n 9	2 58	1 49	22 39	1 32	6 51	1 26	20 47	1 35	5 19	0 46	1 10	1 38	26 42	8 29	17 32	17 26	15 37	6 43	2 36
T 14	19 52	0n46	4 27	19 39	0 19	3 16	1 53	22 32	1 31	6 49	1 26	20 46	1 35	5 19	0 46	1 11	1 38	26 42	8 29	17 32	17 25	15 35	6 45	2 36
W15	20 5	5 7	3 43	20 20	0 30	3 34	1 57	22 25	1 31	6 48	1 26	20 46	1 35	5 19	0 46	1 12	1 38	26 42	8 29	17 32	17 24	15 33	6 46	2 37
T 16	20 17	9 23	2 47	20 58	0 40	3 52	2 1	22 18	1 30	6 46	1 26	20 45	1 35	5 19	0 46	1 12	1 38	26 43	8 29	17 33	17 23	15 32	6 47	2 37
F 17	20 29	13 18	1 40	21 35	0 49	4 10	2 5	22 10	1 29	6 45	1 26	20 45	1 35	5 19	0 46	1 13	1 38	26 43	8 30	17 33	17 22	15 30	6 48	2 37
S 18	20 41	16 38	0 26	22 9	0 58	4 29	2 8	22 3	1 29	6 43	1 25	20 44	1 35	5 19	0 46	1 13	1 38	26 43	8 30	17 33	17 22	15 28	6 49	2 37
S 19	20 52	19 4	0s52	22 41	1 7	4 47	2 11	21 55	1 28	6 42	1 25	20 43	1 35	5 19	0 46	1 14	1 38	26 44	8 30	17 33	17 21	15 27	6 50	2 37
M20	21 3	20 20	2 8	23 10	1 15	5 6	2 14	21 47	1 28	6 41	1 25	20 43	1 35	5 19	0 46	1 14	1 38	26 44	8 31	17 33	17 20	15 25	6 51	2 37
T 21	21 14	20 15	3 17	23 37	1 23	5 26	2 17	21 39	1 27	6 40	1 25	20 42	1 35	5 19	0 46	1 15	1 38	26 44	8 31	17 32	17 19	15 23	6 52	2 37
W22	21 24	18 48	4 13	24 1	1 30	5 45	2 20	21 31	1 27	6 38	1 24	20 42	1 35	5 19	0 46	1 15	1 38	26 45	8 31	17 32	17 18	15 22	6 53	2 37
T 23	21 34	16 7	4 52	24 22	1 36	6 5	2 22	21 23	1 26	6 37	1 24	20 41	1 35	5 19	0 46	1 16	1 39	26 45	8 31	17 31	17 17	15 20	6 54	2 37
F 24	21 43	12 26	5 13	24 40	1 42	6 24	2 25	21 14	1 26	6 36	1 24	20 41	1 35	5 19	0 46	1 16	1 39	26 46	8 32	17 31	17 16	15 18	6 55	2 37
S 25	21 52	8 5	5 13	24 56	1 47	6 44	2 27	21 6	1 25	6 35	1 23	20 40	1 35	5 19	0 46	1 17	1 39	26 46	8 32	17 30	17 15	15 17	6 56	2 37
S 26	22 1	3 21	4 54	25 9	1 51	7 4	2 29	20 57	1 24	6 35	1 23	20 40	1 35	5 19	0 46	1 17	1 39	26 46	8 32	17 30	17 14	15 15	6 57	2 37
M27	22 10	1s27	4 19	25 19	1 55	7 24	2 31	20 48	1 24	6 34	1 23	20 39	1 35	5 18	0 46	1 18	1 39	26 47	8 32	17 30	17 14	15 13	6 57	2 37
T 28	22 18	6 7	3 29	25 27	1 57	7 44	2 33	20 39	1 23	6 33	1 23	20 39	1 35	5 18	0 45	1 18	1 39	26 47	8 33	17 31	17 13	15 12	6 58	2 37
W29	22 25	10 23	2 29	25 32	1 59	8 5	2 34	20 30	1 23	6 32	1 22	20 38	1 35	5 18	0 45	1 18	1 39	26 48	8 33	17 31	17 12	15 10	6 59	2 37
T 30	22 32	14 5	1 23	25 34	2 1	8 25	2 36	20 21	1 22	6 32	1 22	20 37	1 35	5 18	0 45	1 19	1 39	26 48	8 33	17 31	17 11	15 8	7 0	2 37
F 31	22n39	17s 3	0s13	25n35	2n 1	8n45	2s37	20n12	1n22	6s31	1n22	20s37	1n34	5n18	0n45	1n19	1s39	26s49	8s33	17s31	17s10	15s 7	7n 1	2n37

Julian Day Number = 2102864.5, Delta T = 21m00s
Ecliptic obliquity = 23°33'41, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°25'59, Lahiri = 10°32'59 Julian Calendar 1 May 1045 == Greg. Calendar 7 May 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

JUNE 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	17 0 11	15♊25'51	29♏ 2	3♋ 3	0♉ 6	6♌34	19°R47	10°R42	18♍27	7♈ 7	7°R14	18°R52	17♏32	1♒35	11♈37	S 1
S 2	17 4 8	16°23'01	11♐28	4°50	1° 8	7° 9	19♎45	10♐37	18°27	7° 9	7♒14	18♏51	17°29	1°42	11°39	S 2
M 3	17 8 4	17°20'11	23°43	6°34	2°10	7°45	19°43	10°33	18°28	7°10	7°13	18°48	17°26	1°49	11°41	M 3
T 4	17 12 1	18°17'21	5♑50	8°15	3°12	8°20	19°42	10°29	18°29	7°11	7°12	18°43	17°23	1°55	11°43	T 4
W 5	17 15 57	19°14'31	17°50	9°55	4°14	8°56	19°41	10°24	18°29	7°12	7°11	18°38	17°20	2° 2	11°44	W 5
T 6	17 19 54	20°11'40	29°45	11°32	5°17	9°32	19°40	10°20	18°30	7°13	7°11	18°33	17°16	2° 9	11°46	T 6
F 7	17 23 51	21° 8'50	11♒37	13° 6	6°20	10° 7	19°39	10°16	18°31	7°13	7°10	18°28	17°13	2°16	11°48	F 7
S 8	17 27 47	22° 5'59	23°30	14°39	7°23	10°43	19°39	10°12	18°32	7°14	7° 9	18°23	17°10	2°22	11°49	S 8
S 9	17 31 44	23° 3'08	5♓27	16° 9	8°26	11°19	19°38	10° 7	18°33	7°15	7° 8	18°20	17° 7	2°29	11°51	S 9
M10	17 35 40	24° 0'18	17°32	17°36	9°30	11°55	19°38	10° 3	18°34	7°16	7° 7	18°19	17° 4	2°36	11°53	M10
T 11	17 39 37	24°57'28	29°49	19° 2	10°34	12°31	19°D38	9°59	18°35	7°17	7° 6	18°D19	17° 1	2°42	11°54	T 11
W12	17 43 33	25°54'37	12♈24	20°24	11°38	13° 7	19°38	9°55	18°36	7°18	7° 5	18°20	16°57	2°49	11°56	W12
T 13	17 47 30	26°51'48	25°20	21°45	12°42	13°43	19°38	9°51	18°37	7°18	7° 4	18°21	16°54	2°56	11°57	T 13
F 14	17 51 26	27°48'58	8♉41	23° 3	13°46	14°19	19°39	9°46	18°39	7°19	7° 3	18°22	16°51	3° 3	11°58	F 14
S 15	17 55 23	28°46'09	22°29	24°18	14°51	14°55	19°39	9°42	18°40	7°20	7° 3	18°R23	16°48	3° 9	12° 0	S 15
S 16	17 59 20	29°43'20	6♊44	25°31	15°56	15°31	19°40	9°38	18°41	7°20	7° 2	18°21	16°45	3°16	12° 1	S 16
M17	18 3 16	0♋40'31	21°22	26°41	17° 1	16° 8	19°41	9°34	18°43	7°21	7° 1	18°18	16°41	3°23	12° 2	M17
T 18	18 7 13	1°37'43	6♋18	27°48	18° 6	16°44	19°42	9°30	18°44	7°22	6°59	18°13	16°38	3°29	12° 3	T 18
W19	18 11 9	2°34'55	21°23	28°52	19°11	17°20	19°44	9°27	18°46	7°22	6°58	18° 7	16°35	3°36	12° 4	W19
T 20	18 15 6	3°32'06	6♌28	29°54	20°17	17°57	19°45	9°23	18°47	7°23	6°57	18° 1	16°32	3°43	12° 6	T 20
F 21	18 19 2	4°29'18	21°22	0♌52	21°23	18°33	19°47	9°19	18°49	7°23	6°56	17°54	16°29	3°50	12° 7	F 21
S 22	18 22 59	5°26'30	6♍ 0	1°48	22°29	19°10	19°49	9°15	18°50	7°24	6°55	17°50	16°26	3°56	12° 8	S 22
S 23	18 26 55	6°23'42	20°15	2°40	23°35	19°46	19°51	9°12	18°52	7°24	6°54	17°47	16°22	4° 3	12° 8	S 23
M24	18 30 52	7°20'54	4♎ 6	3°29	24°41	20°23	19°53	9° 8	18°54	7°24	6°53	17°D45	16°19	4°10	12° 9	M24
T 25	18 34 49	8°18'05	17°34	4°14	25°47	20°59	19°56	9° 4	18°55	7°25	6°52	17°46	16°16	4°16	12°10	T 25
W26	18 38 45	9°15'17	0♏40	4°56	26°54	21°36	19°58	9° 1	18°57	7°25	6°51	17°47	16°13	4°23	12°11	W26
T 27	18 42 42	10°12'30	13°28	5°34	28° 0	22°13	20° 1	8°57	18°59	7°25	6°50	17°R48	16°10	4°30	12°12	T 27
F 28	18 46 38	11° 9'42	26° 1	6° 8	29° 7	22°49	20° 4	8°54	19° 1	7°26	6°48	17°47	16° 7	4°37	12°12	F 28
S 29	18 50 35	12° 6'55	8♐22	6°37	0♊14	23°26	20° 7	8°51	19° 3	7°26	6°47	17°45	16° 3	4°43	12°13	S 29
S 30	18 54 31	13♋ 4'08	20♐33	7♌ 3	1♊21	24♌ 3	20♎10	8♐47	19♍ 5	7♈26	6♒46	17♏41	16♏ 0	4♒50	12♈13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n46	19s 9	0n56	25n33	2n 1	9n 6	2s38	20n 2	1n21	6s31	1n22	20s36	1n34	5n17	0n45	1n20	1s39	26s49	8s34	17s31	17s 9	15s 5	7n 2	2n37
S 2	22 52	20 17	2 1	25 29	2 0	9 26	2 39	19 53	1 21	6 30	1 21	20 36	1 34	5 17	0 45	1 20	1 39	26 49	8 34	17 31	17 8	15 3	7 3	2 38
M 3	22 57	20 26	2 59	25 22	1 59	9 47	2 40	19 43	1 20	6 30	1 21	20 35	1 34	5 17	0 45	1 20	1 39	26 50	8 34	17 30	17 7	15 1	7 3	2 38
T 4	23 3	19 37	3 49	25 14	1 56	10 7	2 41	19 33	1 20	6 30	1 21	20 35	1 34	5 16	0 45	1 21	1 39	26 50	8 34	17 29	17 6	15 0	7 4	2 38
W 5	23 7	17 56	4 28	25 5	1 54	10 28	2 41	19 23	1 19	6 30	1 20	20 34	1 34	5 16	0 45	1 21	1 39	26 51	8 35	17 27	17 5	14 58	7 5	2 38
T 6	23 12	15 30	4 55	24 53	1 50	10 48	2 42	19 13	1 19	6 30	1 20	20 34	1 34	5 16	0 45	1 21	1 39	26 51	8 35	17 26	17 5	14 56	7 6	2 38
F 7	23 16	12 26	5 9	24 40	1 46	11 9	2 42	19 3	1 18	6 30	1 20	20 33	1 34	5 15	0 45	1 22	1 39	26 52	8 35	17 25	17 4	14 55	7 6	2 38
S 8	23 19	8 52	5 10	24 26	1 41	11 29	2 42	18 53	1 17	6 30	1 20	20 33	1 34	5 15	0 45	1 22	1 39	26 52	8 35	17 23	17 3	14 53	7 7	2 38
S 9	23 23	4 57	4 58	24 10	1 36	11 49	2 43	18 42	1 17	6 30	1 19	20 32	1 34	5 14	0 45	1 22	1 39	26 52	8 36	17 23	17 2	14 51	7 8	2 38
M10	23 25	0 47	4 32	23 53	1 30	12 10	2 43	18 32	1 16	6 30	1 19	20 32	1 33	5 14	0 45	1 23	1 40	26 53	8 36	17 22	17 1	14 50	7 9	2 38
T 11	23 28	3n30	3 54	23 35	1 23	12 30	2 42	18 21	1 16	6 30	1 19	20 31	1 33	5 14	0 45	1 23	1 40	26 53	8 36	17 22	17 0	14 48	7 9	2 38
W12	23 30	7 44	3 3	23 15	1 16	12 50	2 42	18 10	1 15	6 30	1 18	20 31	1 33	5 13	0 45	1 23	1 40	26 54	8 36	17 22	16 59	14 46	7 10	2 38
T 13	23 31	11 44	2 2	22 55	1 8	13 10	2 42	17 59	1 15	6 31	1 18	20 30	1 33	5 13	0 45	1 23	1 40	26 54	8 36	17 23	16 58	14 44	7 10	2 38
F 14	23 33	15 18	0 52	22 34	1 0	13 29	2 41	17 48	1 14	6 31	1 18	20 30	1 33	5 12	0 45	1 24	1 40	26 55	8 37	17 23	16 57	14 43	7 11	2 38
S 15	23 33	18 8	0s22	22 13	0 52	13 49	2 41	17 37	1 14	6 32	1 18	20 29	1 33	5 11	0 45	1 24	1 40	26 55	8 37	17 23	16 56	14 41	7 12	2 39
S 16	23 34	19 56	1 38	21 51	0 42	14 8	2 40	17 26	1 13	6 32	1 17	20 29	1 33	5 11	0 45	1 24	1 40	26 56	8 37	17 23	16 56	14 39	7 12	2 39
M17	23 34	20 28	2 49	21 28	0 33	14 27	2 39	17 14	1 13	6 33	1 17	20 28	1 33	5 10	0 45	1 24	1 40	26 56	8 37	17 22	16 55	14 38	7 13	2 39
T 18	23 33	19 35	3 50	21 5	0 23	14 47	2 38	17 3	1 12	6 34	1 17	20 28	1 32	5 10	0 45	1 24	1 40	26 57	8 37	17 21	16 54	14 36	7 13	2 39
W19	23 32	17 19	4 36	20 41	0 12	15 5	2 37	16 51	1 11	6 35	1 16	20 27	1 32	5 9	0 45	1 24	1 40	26 57	8 38	17 19	16 53	14 34	7 14	2 39
T 20	23 31	13 53	5 2	20 18	0 1	15 24	2 36	16 39	1 11	6 35	1 16	20 27	1 32	5 8	0 45	1 25	1 40	26 58	8 38	17 17	16 52	14 32	7 14	2 39
F 21	23 29	9 36	5 8	19 54	0s10	15 42	2 35	16 27	1 10	6 36	1 16	20 27	1 32	5 8	0 44	1 25	1 40	26 58	8 38	17 15	16 51	14 31	7 15	2 39
S 22	23 27	4 49	4 53	19 30	0 22	16 0	2 34	16 15	1 10	6 37	1 16	20 26	1 32	5 7	0 44	1 25	1 40	26 59	8 38	17 14	16 50	14 29	7 15	2 39
S 23	23 24	0s 6	4 20	19 6	0 34	16 18	2 32	16 3	1 9	6 38	1 15	20 26	1 32	5 6	0 44	1 25	1 40	26 59	8 38	17 13	16 49	14 27	7 16	2 39
M24	23 21	4 54	3 33	18 43	0 47	16 36	2 31	15 51	1 9	6 39	1 15	20 25	1 32	5 6	0 44	1 25	1 40	26 59	8 39	17 13	16 48	14 25	7 16	2 39
T 25	23 18	9 19	2 35	18 20	1 0	16 53	2 29	15 39	1 8	6 41	1 15	20 25	1 31	5 5	0 44	1 25	1 40	27 0	8 39	17 13	16 47	14 24	7 17	2 39
W26	23 14	13 11	1 31	17 57	1 13	17 10	2 27	15 27	1 8	6 42	1 15	20 25	1 31	5 4	0 44	1 25	1 41	27 0	8 39	17 13	16 46	14 22	7 17	2 39
T 27	23 10	16 20	0 23	17 35	1 26	17 27	2 26	15 14	1 7	6 43	1 14	20 24	1 31	5 3	0 44	1 25	1 41	27 1	8 39	17 13	16 45	14 20	7 17	2 40
F 28	23 5	18 39	0n44	17 14	1 40	17 43	2 24	15 1	1 7	6 45	1 14	20 24	1 31	5 3	0 44	1 25	1 41	27 1	8 39	17 13	16 45	14 19	7 18	2 40
S 29	23 0	20 2	1 48	16 53	1 53	17 59	2 22	14 49	1 6	6 46	1 14	20 23	1 31	5 2	0 44	1 25	1 41	27 2	8 40	17 13	16 44	14 17	7 18	2 40
S 30	22n55	20s28	2n46	16n33	2s 7	18n15	2s20	14n36	1n 5	6s47	1n13	20s23	1n31	5n 1	0n44	1n25	1s41	27s 2	8s40	17s11	16s43	14s15	7n18	2n40

Julian Day Number = 2102895.5, Delta T = 21m00s
Ecliptic obliquity = 23°33'40, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'03, Lahiri = 10°33'04 Julian Calendar 1 June 1045 == Greg. Calendar 7 June 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

JULY 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 58 28	14♋ 1'22	2♉37	7♌24	2♊28	24♌40	20♎14	8°R44	19♍ 7	7♈26	6°R45	17°R34	15♏57	4♒57	12♈14	M 1
T 2	19 2 25	14°58'36	14°36	7°41	3°36	25°17	20°17	8♐41	19° 9	7°26	6♒44	17♏25	15°54	5° 4	12°14	T 2
W 3	19 6 21	15°55'51	26°32	7°53	4°43	25°54	20°21	8°38	19°11	7°26	6°42	17°15	15°51	5°10	12°15	W 3
T 4	19 10 18	16°53'07	8♒25	8° 0	5°51	26°31	20°25	8°35	19°13	7°26	6°41	17° 3	15°47	5°17	12°15	T 4
F 5	19 14 14	17°50'23	20°17	8°R 2	6°59	27° 8	20°29	8°32	19°16	7°R26	6°40	16°53	15°44	5°24	12°15	F 5
S 6	19 18 11	18°47'40	2♓10	7°59	8° 7	27°45	20°34	8°29	19°18	7°26	6°39	16°43	15°41	5°30	12°16	S 6
S 7	19 22 7	19°44'58	14° 8	7°52	9°15	28°22	20°38	8°26	19°20	7°26	6°37	16°36	15°38	5°37	12°16	S 7
M 8	19 26 4	20°42'17	26°13	7°39	10°23	29° 0	20°43	8°24	19°23	7°26	6°36	16°30	15°35	5°44	12°16	M 8
T 9	19 30 0	21°39'37	8♈29	7°21	11°31	29°37	20°47	8°21	19°25	7°26	6°35	16°28	15°32	5°51	12°16	T 9
W10	19 33 57	22°36'58	21° 0	6°58	12°39	0♍14	20°52	8°19	19°27	7°26	6°33	16°D27	15°28	5°57	12°R16	W10
T 11	19 37 53	23°34'20	3♉51	6°31	13°48	0°52	20°57	8°16	19°30	7°26	6°32	16°27	15°25	6° 4	12°16	T 11
F 12	19 41 50	24°31'44	17° 7	5°59	14°57	1°29	21° 2	8°14	19°32	7°26	6°31	16°R27	15°22	6°11	12°16	F 12
S 13	19 45 47	25°29'09	0♊50	5°23	16° 5	2° 6	21° 8	8°11	19°35	7°25	6°30	16°27	15°19	6°17	12°16	S 13
S 14	19 49 43	26°26'35	15° 2	4°43	17°14	2°44	21°13	8° 9	19°38	7°25	6°28	16°24	15°16	6°24	12°16	S 14
M15	19 53 40	27°24'02	29°41	4° 1	18°23	3°21	21°19	8° 7	19°40	7°25	6°27	16°19	15°13	6°31	12°16	M15
T 16	19 57 36	28°21'31	14♋43	3°16	19°32	3°59	21°25	8° 5	19°43	7°25	6°26	16°11	15° 9	6°38	12°15	T 16
W17	20 1 33	29°19'01	29°58	2°30	20°42	4°37	21°31	8° 3	19°46	7°24	6°24	16° 1	15° 6	6°44	12°15	W17
T 18	20 5 29	0♌16'31	15♌17	1°42	21°51	5°14	21°37	8° 1	19°48	7°24	6°23	15°51	15° 3	6°51	12°15	T 18
F 19	20 9 26	1°14'03	0♍27	0°55	23° 0	5°52	21°43	7°59	19°51	7°23	6°22	15°41	15° 0	6°58	12°14	F 19
S 20	20 13 23	2°11'36	15°19	0° 9	24°10	6°30	21°50	7°58	19°54	7°23	6°20	15°33	14°57	7° 5	12°14	S 20
S 21	20 17 19	3° 9'09	29°45	29♋24	25°20	7° 8	21°56	7°56	19°57	7°22	6°19	15°27	14°53	7°11	12°13	S 21
M22	20 21 16	4° 6'43	13♎44	28°42	26°29	7°46	22° 3	7°55	20° 0	7°22	6°18	15°24	14°50	7°18	12°12	M22
T 23	20 25 12	5° 4'19	27°14	28° 4	27°39	8°24	22°10	7°53	20° 3	7°21	6°16	15°23	14°47	7°25	12°12	T 23
W24	20 29 9	6° 1'55	10♏19	27°30	28°49	9° 2	22°16	7°52	20° 5	7°21	6°15	15°23	14°44	7°31	12°11	W24
T 25	20 33 5	6°59'33	23° 2	27° 1	29°59	9°40	22°24	7°51	20° 8	7°20	6°14	15°22	14°41	7°38	12°10	T 25
F 26	20 37 2	7°57'11	5♐27	26°38	1♌ 9	10°18	22°31	7°50	20°11	7°19	6°12	15°21	14°38	7°45	12°10	F 26
S 27	20 40 58	8°54'51	17°39	26°21	2°19	10°56	22°38	7°49	20°14	7°19	6°11	15°18	14°34	7°52	12° 9	S 27
S 28	20 44 55	9°52'31	29°42	26°11	3°30	11°34	22°46	7°48	20°18	7°18	6°10	15°12	14°31	7°58	12° 8	S 28
M29	20 48 52	10°50'13	11♑39	26°D 8	4°40	12°12	22°53	7°47	20°21	7°17	6° 8	15° 3	14°28	8° 5	12° 7	M29
T 30	20 52 48	11°47'57	23°33	26°12	5°50	12°51	23° 1	7°46	20°24	7°17	6° 7	14°52	14°25	8°12	12° 6	T 30
W31	20 56 45	12♌45'41	5♒26	26♋24	7♋ 1	13♍29	23♎ 9	7♐45	20♍27	7♈16	6♒ 6	14♏38	14♏22	8♒18	12♈ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n49	19s56	3n36	16n14	2s21	18n31	2s18	14n23	1n 5	6s49	1n13	20s23	1n31	5n 0	0n44	1n25	1s41	27s 3	8s40	17s10	16s42	14s13	7n19	2n40
T 2	22 43	18 31	4 16	15 57	2 35	18 45	2 16	14 10	1 4	6 51	1 13	20 22	1 30	4 59	0 44	1 25	1 41	27 3	8 40	17 7	16 41	14 12	7 19	2 40
W 3	22 36	16 18	4 44	15 40	2 49	19 0	2 13	13 57	1 4	6 52	1 13	20 22	1 30	4 58	0 44	1 25	1 41	27 4	8 40	17 4	16 40	14 10	7 19	2 40
T 4	22 29	13 25	5 0	15 25	3 2	19 14	2 11	13 44	1 3	6 54	1 12	20 22	1 30	4 58	0 44	1 25	1 41	27 4	8 40	17 1	16 39	14 8	7 19	2 40
F 5	22 22	10 0	5 3	15 12	3 16	19 28	2 9	13 31	1 3	6 56	1 12	20 22	1 30	4 57	0 44	1 25	1 41	27 5	8 40	16 58	16 38	14 6	7 19	2 40
S 6	22 14	6 12	4 53	15 0	3 29	19 41	2 6	13 17	1 2	6 58	1 12	20 21	1 30	4 56	0 44	1 25	1 41	27 5	8 41	16 55	16 37	14 5	7 20	2 40
S 7	22 6	2 8	4 30	14 50	3 41	19 54	2 4	13 4	1 2	7 0	1 11	20 21	1 29	4 55	0 44	1 25	1 41	27 6	8 41	16 53	16 36	14 3	7 20	2 40
M 8	21 57	2n 4	3 54	14 42	3 53	20 7	2 1	12 50	1 1	7 2	1 11	20 21	1 29	4 54	0 44	1 25	1 41	27 6	8 41	16 51	16 35	14 1	7 20	2 40
T 9	21 48	6 15	3 8	14 35	4 4	20 19	1 59	12 37	1 1	7 4	1 11	20 21	1 29	4 53	0 44	1 25	1 41	27 7	8 41	16 51	16 34	13 59	7 20	2 41
W10	21 39	10 16	2 11	14 31	4 15	20 31	1 56	12 23	1 0	7 6	1 11	20 20	1 29	4 52	0 44	1 25	1 41	27 7	8 41	16 50	16 33	13 58	7 20	2 41
T 11	21 30	13 55	1 7	14 29	4 24	20 42	1 54	12 9	0 59	7 8	1 10	20 20	1 29	4 51	0 44	1 25	1 41	27 7	8 41	16 50	16 33	13 56	7 20	2 41
F 12	21 19	16 59	0s 4	14 29	4 32	20 52	1 51	11 55	0 59	7 10	1 10	20 20	1 29	4 50	0 44	1 25	1 41	27 8	8 41	16 51	16 32	13 54	7 20	2 41
S 13	21 9	19 12	1 16	14 31	4 39	21 2	1 48	11 41	0 58	7 12	1 10	20 20	1 28	4 49	0 44	1 24	1 42	27 8	8 41	16 50	16 31	13 52	7 20	2 41
S 14	20 58	20 18	2 26	14 35	4 44	21 12	1 45	11 27	0 58	7 15	1 10	20 20	1 28	4 48	0 44	1 24	1 42	27 9	8 42	16 50	16 30	13 50	7 20	2 41
M15	20 47	20 6	3 28	14 41	4 48	21 21	1 42	11 13	0 57	7 17	1 9	20 19	1 28	4 47	0 44	1 24	1 42	27 9	8 42	16 48	16 29	13 49	7 20	2 41
T 16	20 36	18 28	4 18	14 49	4 50	21 30	1 39	10 59	0 57	7 19	1 9	20 19	1 28	4 46	0 44	1 24	1 42	27 10	8 42	16 46	16 28	13 47	7 20	2 41
W17	20 24	15 32	4 50	14 59	4 50	21 38	1 36	10 44	0 56	7 22	1 9	20 19	1 28	4 45	0 44	1 24	1 42	27 10	8 42	16 43	16 27	13 45	7 20	2 41
T 18	20 12	11 32	5 1	15 11	4 49	21 45	1 33	10 30	0 56	7 24	1 9	20 19	1 27	4 43	0 43	1 23	1 42	27 11	8 42	16 40	16 26	13 43	7 20	2 41
F 19	19 59	6 49	4 52	15 24	4 46	21 52	1 30	10 15	0 55	7 27	1 8	20 19	1 27	4 42	0 43	1 23	1 42	27 11	8 42	16 37	16 25	13 42	7 20	2 41
S 20	19 46	1 47	4 22	15 39	4 41	21 59	1 27	10 1	0 54	7 30	1 8	20 19	1 27	4 41	0 43	1 23	1 42	27 11	8 42	16 35	16 24	13 40	7 20	2 41
S 21	19 33	3s13	3 37	15 55	4 34	22 4	1 24	9 46	0 54	7 32	1 8	20 19	1 27	4 40	0 43	1 23	1 42	27 12	8 42	16 33	16 23	13 38	7 20	2 42
M22	19 20	7 53	2 39	16 12	4 25	22 10	1 21	9 31	0 53	7 35	1 8	20 19	1 27	4 39	0 43	1 23	1 42	27 12	8 42	16 32	16 22	13 36	7 20	2 42
T 23	19 6	12 1	1 34	16 29	4 15	22 14	1 18	9 17	0 53	7 38	1 7	20 19	1 26	4 38	0 43	1 22	1 42	27 13	8 42	16 32	16 21	13 34	7 19	2 42
W24	18 52	15 25	0 27	16 47	4 3	22 19	1 15	9 2	0 52	7 41	1 7	20 19	1 26	4 36	0 43	1 22	1 42	27 13	8 42	16 32	16 20	13 33	7 19	2 42
T 25	18 37	17 58	0n40	17 6	3 50	22 22	1 12	8 47	0 52	7 43	1 7	20 19	1 26	4 35	0 43	1 22	1 42	27 14	8 42	16 32	16 19	13 31	7 19	2 42
F 26	18 22	19 37	1 44	17 24	3 36	22 25	1 8	8 32	0 51	7 46	1 7	20 19	1 26	4 34	0 43	1 21	1 42	27 14	8 43	16 31	16 18	13 29	7 19	2 42
S 27	18 7	20 18	2 42	17 42	3 21	22 27	1 5	8 17	0 51	7 49	1 6	20 19	1 26	4 33	0 43	1 21	1 42	27 14	8 43	16 30	16 18	13 27	7 18	2 42
S 28	17 52	20 2	3 31	18 0	3 5	22 29	1 2	8 2	0 50	7 52	1 6	20 19	1 25	4 32	0 43	1 21	1 42	27 15	8 43	16 29	16 17	13 26	7 18	2 42
M29	17 36	18 53	4 11	18 17	2 48	22 30	0 59	7 47	0 49	7 55	1 6	20 19	1 25	4 30	0 43	1 20	1 42	27 15	8 43	16 26	16 16	13 24	7 18	2 42
T 30	17 20	16 54	4 39	18 33	2 31	22 30	0 55	7 31	0 49	7 58	1 6	20 19	1 25	4 29	0 43	1 20	1 43	27 16	8 43	16 23	16 15	13 22	7 17	2 42
W31	17n 4	14s14	4n56	18n47	2s14	22n30	0s52	7n16	0n48	8s 2	1n 6	20s19	1n25	4n28	0n43	1n20	1s43	27s16	8s43	16s19	16s14	13s20	7n17	2n42

Julian Day Number = 2102925.5, Delta T = 21m00s
Ecliptic obliquity = 23°33'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'07, Lahiri = 10°33'08 Julian Calendar 1 July 1045 == Greg. Calendar 7 July 1045

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1045
geocentric

AUGUST 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 0 41	13♌43'27	17♒19	26♋43	8♋12	14♍ 7	23♎17	7°R45	20♍30	7°R15	6°R 4	14°R24	14♏19	8♒25	12°R 4	T 1
F 2	21 4 38	14°41'14	29°13	27°10	9°22	14°46	23°25	7♐44	20°33	7♈14	6♒ 3	14♏11	14°15	8°32	12♈ 3	F 2
S 3	21 8 34	15°39'03	11♓11	27°45	10°33	15°24	23°33	7°44	20°37	7°13	6° 2	13°58	14°12	8°39	12° 1	S 3
S 4	21 12 31	16°36'54	23°14	28°27	11°44	16° 3	23°41	7°44	20°40	7°12	6° 0	13°48	14° 9	8°45	12° 0	S 4
M 5	21 16 27	17°34'46	5♈23	29°17	12°55	16°41	23°50	7°43	20°43	7°11	5°59	13°41	14° 6	8°52	11°59	M 5
T 6	21 20 24	18°32'40	17°42	0♌14	14° 6	17°20	23°58	7°43	20°46	7°11	5°58	13°37	14° 3	8°59	11°57	T 6
W 7	21 24 20	19°30'36	0♉15	1°17	15°18	17°58	24° 7	7°D43	20°50	7°10	5°56	13°35	13°59	9° 6	11°56	W 7
T 8	21 28 17	20°28'34	13° 5	2°27	16°29	18°37	24°16	7°43	20°53	7° 9	5°55	13°34	13°56	9°12	11°55	T 8
F 9	21 32 14	21°26'34	26°16	3°43	17°40	19°16	24°25	7°43	20°57	7° 7	5°54	13°34	13°53	9°19	11°53	F 9
S 10	21 36 10	22°24'35	9♊51	5° 5	18°52	19°55	24°34	7°44	21° 0	7° 6	5°53	13°33	13°50	9°26	11°52	S 10
S 11	21 40 7	23°22'39	23°53	6°32	20° 3	20°34	24°43	7°44	21° 3	7° 5	5°51	13°31	13°47	9°32	11°50	S 11
M12	21 44 3	24°20'45	8♋22	8° 4	21°15	21°13	24°52	7°45	21° 7	7° 4	5°50	13°26	13°44	9°39	11°48	M12
T 13	21 48 0	25°18'53	23°15	9°41	22°27	21°51	25° 1	7°45	21°10	7° 3	5°49	13°18	13°40	9°46	11°47	T 13
W14	21 51 56	26°17'02	8♌24	11°21	23°39	22°30	25°11	7°46	21°14	7° 2	5°48	13° 8	13°37	9°53	11°45	W14
T 15	21 55 53	27°15'14	23°40	13° 4	24°50	23°10	25°20	7°47	21°17	7° 1	5°46	12°58	13°34	9°59	11°43	T 15
F 16	21 59 49	28°13'27	8♍52	14°50	26° 2	23°49	25°30	7°48	21°21	7° 0	5°45	12°47	13°31	10° 6	11°42	F 16
S 17	22 3 46	29°11'41	23°49	16°39	27°14	24°28	25°40	7°49	21°24	6°58	5°44	12°39	13°28	10°13	11°40	S 17
S 18	22 7 43	0♍ 9'58	8♎24	18°30	28°27	25° 7	25°50	7°50	21°28	6°57	5°43	12°32	13°24	10°20	11°38	S 18
M19	22 11 39	1° 8'16	22°30	20°22	29°39	25°46	26° 0	7°51	21°32	6°56	5°41	12°29	13°21	10°26	11°36	M19
T 20	22 15 36	2° 6'36	6♏ 7	22°15	0♌51	26°26	26°10	7°52	21°35	6°55	5°40	12°27	13°18	10°33	11°34	T 20
W21	22 19 32	3° 4'57	19°16	24° 8	2° 3	27° 5	26°20	7°53	21°39	6°53	5°39	12°D27	13°15	10°40	11°32	W21
T 22	22 23 29	4° 3'20	2♐ 1	26° 3	3°16	27°44	26°30	7°55	21°43	6°52	5°38	12°R27	13°12	10°46	11°30	T 22
F 23	22 27 25	5° 1'45	14°26	27°57	4°28	28°24	26°40	7°56	21°46	6°51	5°37	12°27	13° 9	10°53	11°28	F 23
S 24	22 31 22	6° 0'11	26°36	29°52	5°41	29° 3	26°51	7°58	21°50	6°49	5°36	12°25	13° 5	11° 0	11°26	S 24
S 25	22 35 18	6°58'39	8♑36	1♍46	6°53	29°43	27° 1	8° 0	21°54	6°48	5°35	12°20	13° 2	11° 7	11°24	S 25
M26	22 39 15	7°57'09	20°30	3°40	8° 6	0♎23	27°12	8° 2	21°57	6°46	5°33	12°13	12°59	11°13	11°21	M26
T 27	22 43 12	8°55'40	2♒22	5°33	9°19	1° 2	27°23	8° 4	22° 1	6°45	5°32	12° 4	12°56	11°20	11°19	T 27
W28	22 47 8	9°54'14	14°15	7°25	10°31	1°42	27°33	8° 6	22° 5	6°43	5°31	11°53	12°53	11°27	11°17	W28
T 29	22 51 5	10°52'49	26°10	9°17	11°44	2°22	27°44	8° 8	22° 8	6°42	5°30	11°42	12°50	11°33	11°15	T 29
F 30	22 55 1	11°51'25	8♓10	11° 8	12°57	3° 1	27°55	8°10	22°12	6°41	5°29	11°30	12°46	11°40	11°13	F 30
S 31	22 58 58	12♍50'04	20♓16	12♍59	14♌10	3♎41	28♎ 6	8♐12	22♍16	6♈39	5♒28	11♏20	12♏43	11♒47	11♈10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n47	10s58	4n59	19n 1	1s56	22n30	0s49	7n 1	0n48	8s 5	1n 5	20s19	1n25	4n27	0n43	1n19	1s43	27s16	8s43	16s15	16s13	13s18	7n17	2n42
F 2	16 31	7 17	4 49	19 13	1 39	22 28	0 46	6 45	0 47	8 8	1 5	20 19	1 24	4 25	0 43	1 19	1 43	27 17	8 43	16 10	16 12	13 17	7 16	2 42
S 3	16 14	3 18	4 27	19 23	1 22	22 26	0 42	6 30	0 47	8 11	1 5	20 19	1 24	4 24	0 43	1 19	1 43	27 17	8 43	16 7	16 11	13 15	7 16	2 42
S 4	15 56	0n51	3 52	19 31	1 5	22 23	0 39	6 14	0 46	8 14	1 5	20 20	1 24	4 23	0 43	1 18	1 43	27 17	8 43	16 4	16 10	13 13	7 16	2 43
M 5	15 39	5 0	3 7	19 37	0 48	22 20	0 36	5 59	0 46	8 18	1 4	20 20	1 24	4 21	0 43	1 18	1 43	27 18	8 43	16 2	16 9	13 11	7 15	2 43
T 6	15 21	9 1	2 12	19 41	0 32	22 16	0 33	5 43	0 45	8 21	1 4	20 20	1 24	4 20	0 43	1 17	1 43	27 18	8 43	16 0	16 8	13 9	7 15	2 43
W 7	15 3	12 42	1 10	19 42	0 17	22 12	0 29	5 27	0 44	8 25	1 4	20 20	1 23	4 19	0 43	1 17	1 43	27 19	8 43	16 0	16 7	13 8	7 14	2 43
T 8	14 44	15 53	0 3	19 41	0 2	22 6	0 26	5 12	0 44	8 28	1 4	20 20	1 23	4 17	0 43	1 16	1 43	27 19	8 43	16 0	16 6	13 6	7 14	2 43
F 9	14 26	18 20	1s 7	19 37	0n12	22 1	0 23	4 56	0 43	8 31	1 4	20 21	1 23	4 16	0 43	1 16	1 43	27 19	8 43	16 0	16 5	13 4	7 13	2 43
S 10	14 7	19 50	2 14	19 30	0 25	21 54	0 20	4 40	0 43	8 35	1 3	20 21	1 23	4 15	0 43	1 15	1 43	27 20	8 43	15 59	16 4	13 2	7 13	2 43
S 11	13 48	20 9	3 16	19 20	0 37	21 47	0 16	4 24	0 42	8 38	1 3	20 21	1 23	4 13	0 43	1 15	1 43	27 20	8 43	15 59	16 3	13 0	7 12	2 43
M12	13 28	19 11	4 7	19 7	0 48	21 39	0 13	4 8	0 42	8 42	1 3	20 21	1 22	4 12	0 43	1 15	1 43	27 20	8 43	15 57	16 2	12 58	7 11	2 43
T 13	13 9	16 54	4 43	18 52	0 59	21 31	0 10	3 52	0 41	8 46	1 3	20 22	1 22	4 10	0 43	1 14	1 43	27 20	8 43	15 55	16 1	12 57	7 11	2 43
W14	12 49	13 25	5 0	18 33	1 8	21 22	0 7	3 36	0 40	8 49	1 3	20 22	1 22	4 9	0 43	1 14	1 43	27 21	8 43	15 52	16 0	12 55	7 10	2 43
T 15	12 29	9 2	4 56	18 12	1 16	21 13	0 4	3 20	0 40	8 53	1 2	20 22	1 22	4 8	0 43	1 13	1 43	27 21	8 43	15 48	15 59	12 53	7 9	2 43
F 16	12 9	4 6	4 31	17 48	1 23	21 2	0 1	3 4	0 39	8 57	1 2	20 23	1 22	4 6	0 43	1 13	1 43	27 21	8 43	15 45	15 59	12 51	7 9	2 43
S 17	11 49	1s 1	3 48	17 21	1 30	20 52	0n 3	2 48	0 39	9 0	1 2	20 23	1 21	4 5	0 43	1 12	1 43	27 22	8 43	15 43	15 58	12 49	7 8	2 43
S 18	11 28	5 57	2 50	16 52	1 35	20 40	0 6	2 32	0 38	9 4	1 2	20 23	1 21	4 3	0 43	1 11	1 43	27 22	8 43	15 41	15 57	12 48	7 7	2 43
M19	11 7	10 24	1 44	16 21	1 39	20 28	0 9	2 16	0 38	9 8	1 2	20 24	1 21	4 2	0 43	1 11	1 43	27 22	8 43	15 40	15 56	12 46	7 7	2 43
T 20	10 47	14 9	0 34	15 47	1 43	20 16	0 12	2 0	0 37	9 12	1 1	20 24	1 21	4 0	0 43	1 10	1 44	27 22	8 43	15 39	15 55	12 44	7 6	2 43
W21	10 26	17 3	0n36	15 12	1 45	20 2	0 15	1 43	0 36	9 16	1 1	20 25	1 21	3 59	0 43	1 10	1 44	27 23	8 43	15 39	15 54	12 42	7 5	2 43
T 22	10 4	19 0	1 42	14 35	1 47	19 49	0 17	1 27	0 36	9 20	1 1	20 25	1 20	3 57	0 43	1 9	1 44	27 23	8 43	15 39	15 53	12 40	7 4	2 43
F 23	9 43	19 58	2 41	13 56	1 48	19 34	0 20	1 11	0 35	9 24	1 1	20 25	1 20	3 56	0 43	1 9	1 44	27 23	8 43	15 39	15 52	12 38	7 4	2 43
S 24	9 21	19 59	3 32	13 16	1 49	19 19	0 23	0 54	0 35	9 27	1 1	20 26	1 20	3 55	0 43	1 8	1 44	27 23	8 42	15 38	15 51	12 37	7 3	2 43
S 25	9 0	19 5	4 13	12 35	1 48	19 4	0 26	0 38	0 34	9 31	1 1	20 26	1 20	3 53	0 43	1 8	1 44	27 24	8 42	15 37	15 50	12 35	7 2	2 44
M26	8 38	17 20	4 42	11 53	1 47	18 48	0 29	0 22	0 34	9 35	1 0	20 27	1 20	3 52	0 43	1 7	1 44	27 24	8 42	15 35	15 49	12 33	7 1	2 44
T 27	8 16	14 53	4 59	11 9	1 45	18 31	0 32	0 5	0 33	9 39	1 0	20 27	1 19	3 50	0 43	1 6	1 44	27 24	8 42	15 32	15 48	12 31	7 0	2 44
W28	7 54	11 48	5 3	10 25	1 43	18 14	0 34	0s11	0 32	9 43	1 0	20 28	1 19	3 49	0 43	1 6	1 44	27 24	8 42	15 29	15 47	12 29	7 0	2 44
T 29	7 31	8 15	4 54	9 41	1 41	17 57	0 37	0 27	0 32	9 47	1 0	20 28	1 19	3 47	0 43	1 5	1 44	27 25	8 42	15 25	15 46	12 27	6 59	2 44
F 30	7 9	4 21	4 31	8 55	1 37	17 38	0 39	0 44	0 31	9 52	1 0	20 29	1 19	3 46	0 43	1 4	1 44	27 25	8 42	15 22	15 45	12 26	6 58	2 44
S 31	6n47	0s15	3n57	8n10	1n34	17n20	0n42	1s 0	0n31	9s56	0n59	20s30	1n19	3n44	0n43	1n 4	1s44	27s25	8s42	15s18	15s44	12s24	6n57	2n44

Julian Day Number = 2102956.5, Delta T = 20m59s
Ecliptic obliquity = 23°33'40, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'12, Lahiri = 10°33'12 Julian Calendar 1 Aug. 1045 == Greg. Calendar 7 Aug. 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

SEPTEMBER 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	23 2 54	13♍48'45	2♈28	14♍48	15♌23	4♎21	28♎17	8♐15	22♍20	6°R38	5°R27	11°R12	12♏40	11♒54	11°R 8	S 1
M 2	23 6 51	14°47'28	14°49	16°36	16°36	5° 1	28°28	8°17	22°23	6♈36	5♒26	11♏ 6	12°37	12° 0	11♈ 5	M 2
T 3	23 10 47	15°46'13	27°20	18°24	17°50	5°41	28°40	8°20	22°27	6°34	5°25	11° 3	12°34	12° 7	11° 3	T 3
W 4	23 14 44	16°45'01	10♉ 2	20°10	19° 3	6°21	28°51	8°22	22°31	6°33	5°24	11°D 2	12°30	12°14	11° 1	W 4
T 5	23 18 41	17°43'51	22°58	21°56	20°16	7° 1	29° 2	8°25	22°35	6°31	5°23	11° 2	12°27	12°21	10°58	T 5
F 6	23 22 37	18°42'43	6♊11	23°40	21°30	7°41	29°14	8°28	22°38	6°30	5°23	11° 3	12°24	12°27	10°56	F 6
S 7	23 26 34	19°41'37	19°44	25°24	22°43	8°22	29°25	8°31	22°42	6°28	5°22	11°R 4	12°21	12°34	10°53	S 7
S 8	23 30 30	20°40'34	3♋37	27° 7	23°57	9° 2	29°37	8°34	22°46	6°27	5°21	11° 3	12°18	12°41	10°51	S 8
M 9	23 34 27	21°39'33	17°52	28°49	25°10	9°42	29°48	8°37	22°50	6°25	5°20	11° 0	12°15	12°47	10°48	M 9
T 10	23 38 23	22°38'35	2♌27	0♎30	26°24	10°23	0♏ 0	8°40	22°53	6°23	5°19	10°56	12°11	12°54	10°45	T 10
W11	23 42 20	23°37'39	17°17	2°10	27°38	11° 3	0°12	8°43	22°57	6°22	5°18	10°49	12° 8	13° 1	10°43	W11
T 12	23 46 16	24°36'45	2♍15	3°49	28°51	11°44	0°24	8°47	23° 1	6°20	5°18	10°42	12° 5	13° 8	10°40	T 12
F 13	23 50 13	25°35'53	17°12	5°27	0♍ 5	12°24	0°36	8°50	23° 5	6°19	5°17	10°35	12° 2	13°14	10°38	F 13
S 14	23 54 9	26°35'03	2♎ 0	7° 5	1°19	13° 5	0°48	8°54	23° 9	6°17	5°16	10°29	11°59	13°21	10°35	S 14
S 15	23 58 6	27°34'16	16°29	8°42	2°33	13°45	1° 0	8°57	23°12	6°15	5°15	10°25	11°55	13°28	10°32	S 15
M16	0 2 3	28°33'30	0♏36	10°18	3°47	14°26	1°12	9° 1	23°16	6°14	5°15	10°23	11°52	13°34	10°30	M16
T 17	0 5 59	29°32'46	14°16	11°53	5° 1	15° 7	1°24	9° 5	23°20	6°12	5°14	10°D23	11°49	13°41	10°27	T 17
W18	0 9 56	0♎32'05	27°30	13°27	6°15	15°48	1°36	9° 9	23°24	6°10	5°13	10°24	11°46	13°48	10°24	W18
T 19	0 13 52	1°31'25	10♐19	15° 1	7°29	16°28	1°48	9°12	23°27	6° 9	5°13	10°25	11°43	13°55	10°21	T 19
F 20	0 17 49	2°30'47	22°48	16°34	8°43	17° 9	2° 1	9°17	23°31	6° 7	5°12	10°26	11°40	14° 1	10°19	F 20
S 21	0 21 45	3°30'11	5♑ 0	18° 6	9°58	17°50	2°13	9°21	23°35	6° 5	5°11	10°R27	11°36	14° 8	10°16	S 21
S 22	0 25 42	4°29'37	17° 1	19°37	11°12	18°31	2°25	9°25	23°39	6° 4	5°11	10°26	11°33	14°15	10°13	S 22
M23	0 29 38	5°29'04	28°56	21° 8	12°26	19°12	2°38	9°29	23°42	6° 2	5°10	10°23	11°30	14°22	10°11	M23
T 24	0 33 35	6°28'33	10♒48	22°38	13°40	19°54	2°50	9°33	23°46	6° 0	5°10	10°19	11°27	14°28	10° 8	T 24
W25	0 37 32	7°28'04	22°42	24° 7	14°55	20°35	3° 3	9°38	23°50	5°58	5° 9	10°14	11°24	14°35	10° 5	W25
T 26	0 41 28	8°27'37	4♓41	25°36	16° 9	21°16	3°16	9°42	23°54	5°57	5° 9	10° 9	11°21	14°42	10° 2	T 26
F 27	0 45 25	9°27'12	16°47	27° 4	17°24	21°57	3°28	9°47	23°57	5°55	5° 8	10° 3	11°17	14°48	10° 0	F 27
S 28	0 49 21	10°26'49	29° 2	28°31	18°38	22°38	3°41	9°51	24° 1	5°53	5° 8	9°58	11°14	14°55	9°57	S 28
S 29	0 53 18	11°26'28	11♈29	29°57	19°53	23°20	3°54	9°56	24° 5	5°52	5° 8	9°54	11°11	15° 2	9°54	S 29
M30	0 57 14	12♎26'09	24♈ 6	1♏22	21♍ 7	24♎ 1	4♏ 6	10♐ 1	24♍ 8	5♈50	5♒ 7	9♏51	11♏ 8	15♒ 9	9♈51	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
S 1	6n24	3n54	3n11	7n24	1n30	17n 1	0n44	1s17	0n30	10s 0	0n59	20s30	1n18	3n43	0n43	1n 3	1s44	27s25	8s42	15s16	15s43	12s22	6n56	2n44
M 2	6 1	7 57	2 16	6 37	1 25	16 41	0 47	1 33	0 29	10 4	0 59	20 31	1 18	3 41	0 43	1 3	1 44	27 25	8 42	15 14	15 42	12 20	6 55	2 44
T 3	5 38	11 42	1 13	5 51	1 21	16 21	0 49	1 50	0 29	10 8	0 59	20 31	1 18	3 40	0 43	1 2	1 44	27 25	8 42	15 13	15 41	12 18	6 54	2 44
W 4	5 15	14 59	0 5	5 4	1 16	16 0	0 52	2 6	0 28	10 12	0 59	20 32	1 18	3 38	0 43	1 1	1 44	27 26	8 42	15 13	15 40	12 16	6 53	2 44
T 5	4 52	17 35	1s 4	4 18	1 10	15 39	0 54	2 23	0 28	10 16	0 59	20 33	1 18	3 37	0 43	1 1	1 44	27 26	8 42	15 13	15 39	12 15	6 52	2 44
F 6	4 29	19 18	2 11	3 31	1 5	15 18	0 56	2 39	0 27	10 21	0 59	20 33	1 17	3 35	0 43	1 0	1 44	27 26	8 41	15 13	15 38	12 13	6 51	2 44
S 7	4 6	19 58	3 13	2 44	0 59	14 56	0 58	2 56	0 27	10 25	0 58	20 34	1 17	3 34	0 43	0 59	1 44	27 26	8 41	15 13	15 37	12 11	6 50	2 44
S 8	3 43	19 26	4 5	1 58	0 53	14 33	1 0	3 12	0 26	10 29	0 58	20 34	1 17	3 32	0 43	0 59	1 44	27 26	8 41	15 13	15 36	12 9	6 49	2 44
M 9	3 19	17 41	4 43	1 12	0 47	14 11	1 2	3 28	0 25	10 33	0 58	20 35	1 17	3 31	0 43	0 58	1 44	27 26	8 41	15 12	15 35	12 7	6 48	2 44
T 10	2 56	14 46	5 4	0 25	0 41	13 47	1 4	3 45	0 25	10 38	0 58	20 36	1 17	3 29	0 43	0 57	1 44	27 26	8 41	15 11	15 34	12 5	6 47	2 44
W11	2 33	10 53	5 6	0s20	0 34	13 24	1 6	4 1	0 24	10 42	0 58	20 37	1 17	3 28	0 43	0 57	1 44	27 26	8 41	15 9	15 33	12 3	6 46	2 44
T 12	2 9	6 16	4 46	1 6	0 28	13 0	1 8	4 18	0 24	10 46	0 58	20 37	1 16	3 26	0 43	0 56	1 44	27 27	8 41	15 7	15 32	12 2	6 45	2 44
F 13	1 45	1 17	4 8	1 51	0 21	12 35	1 10	4 34	0 23	10 50	0 58	20 38	1 16	3 25	0 43	0 55	1 44	27 27	8 41	15 4	15 31	12 0	6 44	2 44
S 14	1 22	3s44	3 12	2 36	0 14	12 11	1 12	4 51	0 22	10 55	0 57	20 39	1 16	3 23	0 43	0 55	1 44	27 27	8 41	15 3	15 30	11 58	6 43	2 44
S 15	0 58	8 27	2 6	3 21	0 7	11 45	1 13	5 7	0 22	10 59	0 57	20 39	1 16	3 22	0 43	0 54	1 44	27 27	8 40	15 1	15 29	11 56	6 42	2 44
M16	0 35	12 34	0 53	4 5	0 0	11 20	1 15	5 24	0 21	11 3	0 57	20 40	1 16	3 20	0 43	0 53	1 44	27 27	8 40	15 1	15 28	11 54	6 41	2 43
T 17	0 11	15 52	0n21	4 49	0s 6	10 54	1 16	5 40	0 21	11 8	0 57	20 41	1 15	3 19	0 43	0 53	1 44	27 27	8 40	15 0	15 27	11 52	6 40	2 43
W18	0s13	18 13	1 32	5 33	0 13	10 28	1 18	5 56	0 20	11 12	0 57	20 42	1 15	3 17	0 43	0 52	1 44	27 27	8 40	15 1	15 26	11 50	6 38	2 43
T 19	0 37	19 33	2 36	6 16	0 21	10 2	1 19	6 13	0 19	11 17	0 57	20 42	1 15	3 16	0 43	0 51	1 44	27 27	8 40	15 1	15 26	11 49	6 37	2 43
F 20	1 0	19 52	3 30	6 58	0 28	9 35	1 21	6 29	0 19	11 21	0 57	20 43	1 15	3 14	0 43	0 51	1 44	27 27	8 40	15 2	15 25	11 47	6 36	2 43
S 21	1 24	19 14	4 14	7 40	0 35	9 8	1 22	6 45	0 18	11 25	0 56	20 44	1 15	3 13	0 43	0 50	1 44	27 27	8 40	15 2	15 24	11 45	6 35	2 43
S 22	1 48	17 44	4 46	8 21	0 42	8 41	1 23	7 1	0 18	11 30	0 56	20 45	1 15	3 11	0 43	0 49	1 44	27 27	8 39	15 2	15 23	11 43	6 34	2 43
M23	2 11	15 30	5 5	9 2	0 49	8 13	1 24	7 18	0 17	11 34	0 56	20 46	1 14	3 10	0 43	0 49	1 44	27 27	8 39	15 1	15 22	11 41	6 33	2 43
T 24	2 35	12 37	5 11	9 42	0 56	7 46	1 25	7 34	0 16	11 38	0 56	20 46	1 14	3 8	0 43	0 48	1 44	27 27	8 39	14 59	15 21	11 39	6 32	2 43
W25	2 59	9 13	5 4	10 22	1 2	7 18	1 26	7 50	0 16	11 43	0 56	20 47	1 14	3 7	0 43	0 47	1 44	27 27	8 39	14 58	15 20	11 37	6 31	2 43
T 26	3 22	5 27	4 44	11 1	1 9	6 50	1 27	8 6	0 15	11 47	0 56	20 48	1 14	3 5	0 43	0 47	1 44	27 27	8 39	14 56	15 19	11 36	6 29	2 43
F 27	3 46	1 24	4 10	11 39	1 16	6 21	1 28	8 22	0 15	11 52	0 56	20 49	1 14	3 4	0 43	0 46	1 44	27 27	8 39	14 54	15 18	11 34	6 28	2 43
S 28	4 9	2n45	3 25	12 17	1 23	5 53	1 29	8 38	0 14	11 56	0 56	20 50	1 14	3 2	0 43	0 45	1 44	27 27	8 39	14 53	15 17	11 32	6 27	2 43
S 29	4 33	6 51	2 29	12 54	1 29	5 24	1 29	8 54	0 13	12 1	0 56	20 51	1 13	3 1	0 43	0 45	1 44	27 27	8 38	14 51	15 16	11 30	6 26	2 43
M30	4s56	10n43	1n25	13s30	1s36	4n55	1n30	9s10	0n13	12s 5	0n55	20s51	1n13	3n 0	0n43	0n44	1s44	27s27	8s38	14s51	15s15	11s28	6n25	2n43

Julian Day Number = 2102987.5, Delta T = 20m59s
Ecliptic obliquity = 23°33'40, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'16, Lahiri = 10°33'16 Julian Calendar 1 Sept. 1045 == Greg. Calendar 7 Sept. 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

OCTOBER 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	1 1 11	13♎25'51	6♉55	2♏47	22♍22	24♎43	4♏19	10♐ 6	24♍12	5°R48	5°R 7	9°D51	11♏ 5	15♒15	9°R48	T 1
W 2	1 5 7	14°25'37	19°57	4°11	23°37	25°24	4°32	10°10	24°15	5♈47	5♒ 7	9♏51	11° 1	15°22	9♈46	W 2
T 3	1 9 4	15°25'24	3♊11	5°34	24°51	26° 6	4°45	10°15	24°19	5°45	5° 6	9°52	10°58	15°29	9°43	T 3
F 4	1 13 1	16°25'14	16°38	6°56	26° 6	26°47	4°58	10°20	24°23	5°43	5° 6	9°54	10°55	15°36	9°40	F 4
S 5	1 16 57	17°25'06	0♋18	8°17	27°21	27°29	5°11	10°26	24°26	5°42	5° 6	9°55	10°52	15°42	9°37	S 5
S 6	1 20 54	18°25'00	14°12	9°37	28°36	28°11	5°24	10°31	24°30	5°40	5° 6	9°R56	10°49	15°49	9°35	S 6
M 7	1 24 50	19°24'56	28°18	10°56	29°50	28°53	5°37	10°36	24°33	5°39	5° 5	9°56	10°46	15°56	9°32	M 7
T 8	1 28 47	20°24'55	12♌36	12°14	1♎ 5	29°35	5°50	10°41	24°37	5°37	5° 5	9°54	10°42	16° 2	9°29	T 8
W 9	1 32 43	21°24'56	27° 3	13°31	2°20	0♏17	6° 3	10°46	24°40	5°35	5° 5	9°53	10°39	16° 9	9°27	W 9
T 10	1 36 40	22°24'59	11♍34	14°46	3°35	0°58	6°16	10°52	24°44	5°34	5° 5	9°50	10°36	16°16	9°24	T 10
F 11	1 40 36	23°25'04	26° 4	15°59	4°50	1°41	6°29	10°57	24°47	5°32	5° 5	9°48	10°33	16°23	9°21	F 11
S 12	1 44 33	24°25'11	10♎28	17°11	6° 5	2°23	6°42	11° 3	24°51	5°31	5° 5	9°46	10°30	16°29	9°19	S 12
S 13	1 48 29	25°25'21	24°39	18°21	7°20	3° 5	6°55	11° 8	24°54	5°29	5°D 5	9°45	10°27	16°36	9°16	S 13
M14	1 52 26	26°25'32	8♏33	19°29	8°35	3°47	7° 8	11°14	24°57	5°27	5° 5	9°D44	10°23	16°43	9°13	M14
T 15	1 56 23	27°25'45	22° 7	20°34	9°50	4°29	7°22	11°20	25° 1	5°26	5° 5	9°45	10°20	16°49	9°11	T 15
W16	2 0 19	28°25'59	5♐19	21°37	11° 5	5°11	7°35	11°26	25° 4	5°24	5° 5	9°45	10°17	16°56	9° 8	W16
T 17	2 4 16	29°26'16	18°10	22°37	12°21	5°54	7°48	11°31	25° 7	5°23	5° 5	9°46	10°14	17° 3	9° 6	T 17
F 18	2 8 12	0♏26'34	0♑41	23°33	13°36	6°36	8° 1	11°37	25°11	5°21	5° 5	9°47	10°11	17°10	9° 3	F 18
S 19	2 12 9	1°26'53	12°57	24°26	14°51	7°19	8°14	11°43	25°14	5°20	5° 5	9°48	10° 7	17°16	9° 1	S 19
S 20	2 16 5	2°27'14	25° 0	25°15	16° 6	8° 1	8°28	11°49	25°17	5°19	5° 6	9°49	10° 4	17°23	8°58	S 20
M21	2 20 2	3°27'37	6♒55	25°59	17°21	8°44	8°41	11°55	25°20	5°17	5° 6	9°R49	10° 1	17°30	8°56	M21
T 22	2 23 58	4°28'00	18°48	26°38	18°36	9°26	8°54	12° 1	25°23	5°16	5° 6	9°48	9°58	17°37	8°53	T 22
W23	2 27 55	5°28'26	0♓42	27°11	19°52	10° 9	9° 8	12° 7	25°27	5°14	5° 6	9°48	9°55	17°43	8°51	W23
T 24	2 31 52	6°28'52	12°43	27°38	21° 7	10°52	9°21	12°13	25°30	5°13	5° 7	9°48	9°52	17°50	8°48	T 24
F 25	2 35 48	7°29'21	24°53	27°58	22°22	11°34	9°34	12°19	25°33	5°11	5° 7	9°47	9°48	17°57	8°46	F 25
S 26	2 39 45	8°29'50	7♈16	28° 9	23°38	12°17	9°48	12°26	25°36	5°10	5° 7	9°47	9°45	18° 3	8°44	S 26
S 27	2 43 41	9°30'21	19°54	28°R12	24°53	13° 0	10° 1	12°32	25°39	5° 9	5° 8	9°D47	9°42	18°10	8°41	S 27
M28	2 47 38	10°30'54	2♉49	28° 6	26° 8	13°43	10°14	12°38	25°42	5° 8	5° 8	9°R47	9°39	18°17	8°39	M28
T 29	2 51 34	11°31'28	16° 0	27°50	27°23	14°26	10°28	12°45	25°45	5° 6	5° 8	9°47	9°36	18°24	8°37	T 29
W30	2 55 31	12°32'03	29°27	27°23	28°39	15° 9	10°41	12°51	25°48	5° 5	5° 9	9°47	9°32	18°30	8°35	W30
T 31	2 59 27	13♏32'41	13♊ 7	26♏46	29♎54	15♏52	10♏54	12♐57	25♍50	5♈ 4	5♒ 9	9♏47	9♏29	18♒37	8♈33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s20	14n 9	0n16	14s 6	1s42	4n26	1n31	9s26	0n12	12s 9	0n55	20s52	1n13	2n58	0n43	0n43	1s44	27s27	8s38	14s50	15s14	11s26	6n24	2n43
W 2	5 43	16 56	0s55	14 40	1 48	3 57	1 31	9 42	0 12	12 14	0 55	20 53	1 13	2 57	0 43	0 43	1 44	27 27	8 38	14 50	15 13	11 24	6 23	2 43
T 3	6 6	18 51	2 5	15 14	1 54	3 27	1 31	9 57	0 11	12 18	0 55	20 54	1 13	2 55	0 43	0 42	1 44	27 27	8 38	14 51	15 12	11 22	6 21	2 43
F 4	6 29	19 45	3 9	15 47	2 0	2 58	1 32	10 13	0 10	12 23	0 55	20 55	1 13	2 54	0 43	0 41	1 44	27 26	8 38	14 51	15 11	11 20	6 20	2 42
S 5	6 52	19 31	4 3	16 19	2 5	2 28	1 32	10 29	0 10	12 27	0 55	20 56	1 12	2 52	0 43	0 41	1 44	27 26	8 38	14 52	15 10	11 19	6 19	2 42
S 6	7 15	18 6	4 44	16 50	2 11	1 58	1 32	10 44	0 9	12 32	0 55	20 57	1 12	2 51	0 43	0 40	1 44	27 26	8 37	14 52	15 9	11 17	6 18	2 42
M 7	7 38	15 34	5 9	17 20	2 16	1 28	1 32	11 0	0 9	12 36	0 55	20 58	1 12	2 50	0 43	0 40	1 44	27 26	8 37	14 52	15 8	11 15	6 17	2 42
T 8	8 1	12 4	5 15	17 49	2 21	0 59	1 32	11 15	0 8	12 40	0 55	20 58	1 12	2 48	0 43	0 39	1 44	27 26	8 37	14 52	15 7	11 13	6 16	2 42
W 9	8 24	7 50	5 1	18 17	2 25	0 29	1 32	11 31	0 7	12 45	0 55	20 59	1 12	2 47	0 43	0 38	1 44	27 26	8 37	14 51	15 6	11 11	6 14	2 42
T 10	8 46	3 7	4 28	18 44	2 30	0s 1	1 32	11 46	0 7	12 49	0 54	21 0	1 12	2 46	0 43	0 38	1 44	27 26	8 37	14 50	15 5	11 9	6 13	2 42
F 11	9 8	1s46	3 38	19 9	2 34	0 31	1 32	12 1	0 6	12 54	0 54	21 1	1 12	2 44	0 43	0 37	1 44	27 26	8 37	14 49	15 4	11 7	6 12	2 42
S 12	9 31	6 32	2 35	19 34	2 37	1 1	1 32	12 16	0 6	12 58	0 54	21 2	1 11	2 43	0 43	0 36	1 44	27 25	8 36	14 49	15 3	11 5	6 11	2 42
S 13	9 53	10 53	1 23	19 57	2 40	1 32	1 32	12 31	0 5	13 2	0 54	21 3	1 11	2 41	0 43	0 36	1 44	27 25	8 36	14 48	15 2	11 4	6 10	2 42
M14	10 15	14 32	0 7	20 18	2 43	2 2	1 31	12 46	0 4	13 7	0 54	21 4	1 11	2 40	0 43	0 35	1 44	27 25	8 36	14 48	15 1	11 2	6 9	2 41
T 15	10 37	17 18	1n 8	20 38	2 45	2 32	1 31	13 1	0 4	13 11	0 54	21 5	1 11	2 39	0 43	0 35	1 44	27 25	8 36	14 48	15 0	11 0	6 8	2 41
W16	10 58	19 3	2 17	20 57	2 47	3 2	1 30	13 16	0 3	13 16	0 54	21 6	1 11	2 37	0 43	0 34	1 44	27 25	8 36	14 49	14 59	10 58	6 6	2 41
T 17	11 20	19 45	3 17	21 13	2 48	3 32	1 30	13 31	0 3	13 20	0 54	21 7	1 11	2 36	0 43	0 33	1 44	27 25	8 36	14 49	14 58	10 56	6 5	2 41
F 18	11 41	19 27	4 6	21 28	2 48	4 2	1 29	13 46	0 2	13 24	0 54	21 8	1 11	2 35	0 43	0 33	1 44	27 24	8 35	14 49	14 57	10 54	6 4	2 41
S 19	12 2	18 14	4 43	21 41	2 48	4 31	1 28	14 0	0 1	13 29	0 54	21 9	1 10	2 34	0 43	0 32	1 44	27 24	8 35	14 50	14 56	10 52	6 3	2 41
S 20	12 23	16 13	5 7	21 52	2 47	5 1	1 27	14 15	0 1	13 33	0 54	21 10	1 10	2 32	0 43	0 32	1 44	27 24	8 35	14 50	14 55	10 50	6 2	2 41
M21	12 44	13 32	5 17	22 1	2 45	5 31	1 27	14 29	0 0	13 37	0 54	21 10	1 10	2 31	0 43	0 31	1 44	27 24	8 35	14 50	14 54	10 48	6 1	2 41
T 22	13 4	10 18	5 13	22 7	2 42	6 0	1 26	14 43	0s 1	13 42	0 54	21 11	1 10	2 30	0 43	0 31	1 44	27 24	8 35	14 50	14 53	10 46	6 0	2 41
W23	13 25	6 39	4 56	22 11	2 38	6 30	1 25	14 57	0 1	13 46	0 53	21 12	1 10	2 29	0 43	0 30	1 44	27 23	8 35	14 50	14 52	10 45	5 59	2 40
T 24	13 45	2 43	4 26	22 13	2 33	6 59	1 24	15 11	0 2	13 50	0 53	21 13	1 10	2 27	0 43	0 30	1 44	27 23	8 34	14 49	14 51	10 43	5 58	2 40
F 25	14 5	1n23	3 44	22 11	2 26	7 28	1 23	15 25	0 2	13 55	0 53	21 14	1 10	2 26	0 43	0 29	1 44	27 23	8 34	14 49	14 50	10 41	5 57	2 40
S 26	14 24	5 31	2 51	22 6	2 19	7 57	1 22	15 39	0 3	13 59	0 53	21 15	1 10	2 25	0 43	0 29	1 44	27 23	8 34	14 49	14 49	10 39	5 56	2 40
S 27	14 44	9 29	1 48	21 58	2 10	8 26	1 20	15 53	0 4	14 3	0 53	21 16	1 9	2 24	0 43	0 28	1 44	27 22	8 34	14 49	14 48	10 37	5 54	2 40
M28	15 3	13 7	0 39	21 46	1 59	8 55	1 19	16 6	0 4	14 7	0 53	21 17	1 9	2 23	0 43	0 28	1 44	27 22	8 34	14 49	14 47	10 35	5 53	2 40
T 29	15 22	16 10	0s34	21 30	1 47	9 23	1 18	16 20	0 5	14 12	0 53	21 18	1 9	2 22	0 43	0 27	1 44	27 22	8 33	14 49	14 46	10 33	5 52	2 40
W30	15 41	18 24	1 47	21 11	1 33	9 52	1 16	16 33	0 5	14 16	0 53	21 19	1 9	2 20	0 43	0 27	1 44	27 22	8 33	14 49	14 45	10 31	5 51	2 39
T 31	15s59	19n36	2s55	20s47	1s17	10s20	1n15	16s46	0s 6	14s20	0n53	21s20	1n 9	2n19	0n43	0n26	1s44	27s21	8s33	14s49	14s44	10s29	5n50	2n39

Julian Day Number = 2103017.5, Delta T = 20m59s
Ecliptic obliquity = 23°33'40, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'20, Lahiri = 10°33'20 Julian Calendar 1 Oct. 1045 == Greg. Calendar 7 Oct. 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

NOVEMBER 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	3 3 24	14♏33'20	27♊ 0	25°R59	1♏10	16♏35	11♏ 8	13♐ 4	25♍53	5°R 3	5♒10	9°R46	9♏26	18♒44	8°R31	F 1
S 2	3 7 21	15°34'00	11♋ 1	25♏ 2	2°25	17°18	11°21	13°10	25°56	5♈ 1	5°10	9♏45	9°23	18°50	8♈28	S 2
S 3	3 11 17	16°34'43	25° 8	23°55	3°40	18° 2	11°34	13°17	25°59	5° 0	5°11	9°45	9°20	18°57	8°26	S 3
M 4	3 15 14	17°35'27	9♌19	22°42	4°56	18°45	11°47	13°24	26° 1	4°59	5°12	9°44	9°17	19° 4	8°24	M 4
T 5	3 19 10	18°36'12	23°30	21°23	6°11	19°28	12° 1	13°30	26° 4	4°58	5°12	9°D44	9°13	19°11	8°22	T 5
W 6	3 23 7	19°36'59	7♍41	20° 1	7°27	20°12	12°14	13°37	26° 7	4°57	5°13	9°45	9°10	19°17	8°20	W 6
T 7	3 27 3	20°37'48	21°48	18°39	8°42	20°55	12°27	13°43	26° 9	4°56	5°13	9°46	9° 7	19°24	8°19	T 7
F 8	3 31 0	21°38'38	5♎49	17°19	9°58	21°39	12°41	13°50	26°12	4°55	5°14	9°47	9° 4	19°31	8°17	F 8
S 9	3 34 56	22°39'30	19°43	16° 5	11°13	22°22	12°54	13°57	26°14	4°54	5°15	9°48	9° 1	19°38	8°15	S 9
S 10	3 38 53	23°40'23	3♏27	14°59	12°29	23° 6	13° 7	14° 4	26°17	4°53	5°16	9°R48	8°58	19°44	8°13	S 10
M11	3 42 50	24°41'18	16°58	14° 1	13°44	23°49	13°20	14°10	26°19	4°52	5°16	9°48	8°54	19°51	8°11	M11
T 12	3 46 46	25°42'14	0♐14	13°15	15° 0	24°33	13°34	14°17	26°22	4°51	5°17	9°47	8°51	19°58	8°10	T 12
W13	3 50 43	26°43'11	13°15	12°39	16°15	25°17	13°47	14°24	26°24	4°50	5°18	9°45	8°48	20° 4	8° 8	W13
T 14	3 54 39	27°44'08	26° 0	12°15	17°31	26° 1	14° 0	14°31	26°26	4°49	5°19	9°43	8°45	20°11	8° 7	T 14
F 15	3 58 36	28°45'07	8♑29	12° 2	18°46	26°44	14°13	14°38	26°29	4°48	5°20	9°40	8°42	20°18	8° 5	F 15
S 16	4 2 32	29°46'07	20°44	12°D 1	20° 2	27°28	14°26	14°45	26°31	4°47	5°20	9°37	8°38	20°25	8° 4	S 16
S 17	4 6 29	0♐47'07	2♒48	12° 9	21°17	28°12	14°39	14°52	26°33	4°47	5°21	9°34	8°35	20°31	8° 2	S 17
M18	4 10 25	1°48'08	14°44	12°27	22°33	28°56	14°52	14°59	26°35	4°46	5°22	9°32	8°32	20°38	8° 1	M18
T 19	4 14 22	2°49'10	26°36	12°53	23°48	29°40	15° 5	15° 5	26°37	4°45	5°23	9°30	8°29	20°45	7°59	T 19
W20	4 18 19	3°50'12	8♓29	13°28	25° 4	0♐24	15°19	15°12	26°39	4°44	5°24	9°D30	8°26	20°51	7°58	W20
T 21	4 22 15	4°51'15	20°27	14° 9	26°19	1° 9	15°32	15°19	26°41	4°44	5°25	9°31	8°23	20°58	7°57	T 21
F 22	4 26 12	5°52'18	2♈37	14°56	27°35	1°53	15°44	15°26	26°43	4°43	5°26	9°33	8°19	21° 5	7°56	F 22
S 23	4 30 8	6°53'22	15° 1	15°48	28°50	2°37	15°57	15°33	26°45	4°43	5°27	9°35	8°16	21°12	7°55	S 23
S 24	4 34 5	7°54'27	27°45	16°46	0♐ 6	3°21	16°10	15°40	26°47	4°42	5°28	9°36	8°13	21°18	7°54	S 24
M25	4 38 1	8°55'32	10♉50	17°47	1°21	4° 6	16°23	15°47	26°48	4°41	5°30	9°R37	8°10	21°25	7°53	M25
T 26	4 41 58	9°56'37	24°18	18°52	2°37	4°50	16°36	15°54	26°50	4°41	5°31	9°36	8° 7	21°32	7°52	T 26
W27	4 45 54	10°57'43	8♊ 8	20° 0	3°52	5°34	16°49	16° 2	26°52	4°41	5°32	9°33	8° 4	21°39	7°51	W27
T 28	4 49 51	11°58'50	22°16	21°11	5° 8	6°19	17° 1	16° 9	26°53	4°40	5°33	9°29	8° 0	21°45	7°50	T 28
F 29	4 53 48	12°59'57	6♋39	22°25	6°24	7° 3	17°14	16°16	26°55	4°40	5°34	9°24	7°57	21°52	7°49	F 29
S 30	4 57 44	14♐ 1'05	21♋10	23♏40	7♐39	7♐48	17♏27	16♐23	26♍56	4♈39	5♒35	9♏19	7♏54	21♒59	7♈48	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16s17	19n39	3s53	20s19	1s 0	10s47	1n13	16s59	0s 7	14s24	0n53	21s21	1n 9	2n18	0n43	0n26	1s44	27s21	8s33	14s49	14s43	10s27	5n49	2n39
S 2	16 35	18 29	4 38	19 48	0 42	11 15	1 12	17 12	0 7	14 28	0 53	21 22	1 9	2 17	0 43	0 25	1 44	27 21	8 33	14 49	14 42	10 25	5 49	2 39
S 3	16 53	16 11	5 7	19 12	0 22	11 42	1 10	17 25	0 8	14 33	0 53	21 22	1 9	2 16	0 43	0 25	1 44	27 20	8 33	14 48	14 41	10 24	5 48	2 39
M 4	17 10	12 55	5 17	18 34	0 2	12 9	1 9	17 38	0 9	14 37	0 53	21 23	1 8	2 15	0 43	0 24	1 44	27 20	8 33	14 48	14 39	10 22	5 47	2 39
T 5	17 27	8 54	5 8	17 54	0n19	12 36	1 7	17 50	0 9	14 41	0 53	21 24	1 8	2 14	0 43	0 24	1 44	27 20	8 32	14 48	14 38	10 20	5 46	2 38
W 6	17 44	4 24	4 40	17 12	0 39	13 2	1 5	18 2	0 10	14 45	0 53	21 25	1 8	2 13	0 43	0 24	1 43	27 19	8 32	14 48	14 37	10 18	5 45	2 38
T 7	18 0	0s20	3 56	16 31	0 59	13 28	1 4	18 15	0 10	14 49	0 53	21 26	1 8	2 12	0 43	0 23	1 43	27 19	8 32	14 49	14 36	10 16	5 44	2 38
F 8	18 16	5 2	2 57	15 51	1 18	13 54	1 2	18 27	0 11	14 53	0 53	21 27	1 8	2 11	0 43	0 23	1 43	27 19	8 32	14 49	14 35	10 14	5 43	2 38
S 9	18 32	9 26	1 49	15 13	1 35	14 19	1 0	18 39	0 12	14 57	0 53	21 28	1 8	2 10	0 43	0 22	1 43	27 18	8 32	14 49	14 34	10 12	5 42	2 38
S 10	18 47	13 17	0 35	14 39	1 50	14 44	0 58	18 50	0 12	15 1	0 53	21 29	1 8	2 9	0 44	0 22	1 43	27 18	8 32	14 50	14 33	10 10	5 41	2 38
M11	19 2	16 21	0n39	14 9	2 4	15 9	0 56	19 2	0 13	15 5	0 53	21 30	1 8	2 8	0 44	0 22	1 43	27 18	8 31	14 50	14 32	10 8	5 40	2 37
T 12	19 17	18 30	1 51	13 45	2 15	15 33	0 54	19 13	0 14	15 9	0 52	21 31	1 8	2 7	0 44	0 21	1 43	27 17	8 31	14 49	14 31	10 6	5 40	2 37
W13	19 31	19 37	2 54	13 25	2 24	15 57	0 52	19 25	0 14	15 13	0 52	21 32	1 8	2 6	0 44	0 21	1 43	27 17	8 31	14 49	14 30	10 4	5 39	2 37
T 14	19 45	19 42	3 48	13 12	2 31	16 21	0 50	19 36	0 15	15 17	0 52	21 32	1 7	2 5	0 44	0 21	1 43	27 17	8 31	14 48	14 29	10 3	5 38	2 37
F 15	19 59	18 48	4 30	13 3	2 36	16 44	0 48	19 47	0 15	15 21	0 52	21 33	1 7	2 5	0 44	0 21	1 43	27 16	8 31	14 47	14 28	10 1	5 37	2 37
S 16	20 12	17 3	4 58	12 59	2 39	17 6	0 46	19 57	0 16	15 25	0 52	21 34	1 7	2 4	0 44	0 20	1 43	27 16	8 31	14 46	14 27	9 59	5 36	2 37
S 17	20 25	14 34	5 12	13 0	2 41	17 28	0 44	20 8	0 17	15 29	0 52	21 35	1 7	2 3	0 44	0 20	1 43	27 16	8 31	14 45	14 26	9 57	5 36	2 36
M18	20 38	11 30	5 13	13 6	2 41	17 50	0 41	20 18	0 17	15 33	0 52	21 36	1 7	2 2	0 44	0 20	1 43	27 15	8 30	14 44	14 25	9 55	5 35	2 36
T 19	20 50	8 0	5 1	13 15	2 40	18 11	0 39	20 28	0 18	15 37	0 52	21 37	1 7	2 1	0 44	0 19	1 43	27 15	8 30	14 44	14 24	9 53	5 34	2 36
W20	21 1	4 11	4 35	13 27	2 38	18 32	0 37	20 38	0 18	15 41	0 52	21 38	1 7	2 0	0 44	0 19	1 43	27 14	8 30	14 44	14 23	9 51	5 34	2 36
T 21	21 13	0 9	3 58	13 42	2 34	18 52	0 35	20 48	0 19	15 44	0 52	21 38	1 7	2 0	0 44	0 19	1 43	27 14	8 30	14 44	14 22	9 49	5 33	2 36
F 22	21 24	3n56	3 9	14 0	2 30	19 12	0 33	20 58	0 20	15 48	0 52	21 39	1 7	1 59	0 44	0 19	1 43	27 14	8 30	14 45	14 21	9 47	5 32	2 35
S 23	21 34	7 57	2 11	14 20	2 26	19 31	0 30	21 7	0 20	15 52	0 52	21 40	1 7	1 58	0 44	0 19	1 43	27 13	8 30	14 45	14 20	9 45	5 32	2 35
S 24	21 44	11 44	1 5	14 41	2 20	19 49	0 28	21 16	0 21	15 56	0 52	21 41	1 7	1 58	0 44	0 18	1 43	27 13	8 30	14 46	14 19	9 43	5 31	2 35
M25	21 54	15 3	0s 7	15 4	2 14	20 7	0 26	21 26	0 22	15 59	0 52	21 42	1 7	1 57	0 44	0 18	1 43	27 12	8 29	14 46	14 18	9 41	5 31	2 35
T 26	22 3	17 39	1 20	15 28	2 8	20 25	0 23	21 34	0 22	16 3	0 52	21 43	1 6	1 56	0 44	0 18	1 43	27 12	8 29	14 46	14 17	9 39	5 30	2 35
W27	22 12	19 19	2 30	15 53	2 1	20 41	0 21	21 43	0 23	16 7	0 52	21 43	1 6	1 56	0 44	0 18	1 43	27 12	8 29	14 45	14 16	9 37	5 29	2 35
T 28	22 20	19 48	3 32	16 19	1 54	20 58	0 19	21 51	0 23	16 10	0 52	21 44	1 6	1 55	0 44	0 18	1 42	27 11	8 29	14 44	14 15	9 36	5 29	2 34
F 29	22 28	19 2	4 22	16 44	1 47	21 13	0 16	22 0	0 24	16 14	0 52	21 45	1 6	1 54	0 44	0 18	1 42	27 11	8 29	14 42	14 14	9 34	5 28	2 34
S 30	22s36	17n 1	4s56	17s11	1n40	21s28	0n14	22s 8	0s25	16s17	0n52	21s46	1n 6	1n54	0n44	0n18	1s42	27s10	8s29	14s40	14s13	9s32	5n28	2n34

Julian Day Number = 2103048.5, Delta T = 20m58s
Ecliptic obliquity = 23°33'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'24, Lahiri = 10°33'25 Julian Calendar 1 Nov. 1045 == Greg. Calendar 7 Nov. 1045

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ASTRODIENST EPHEMERIS for the year 1045
geocentric

DECEMBER 1045 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	5 1 41	15♐ 2'14	5♌42	24♏58	8♐55	8♐33	17♏39	16♐30	26♍58	4°R39	5♒37	9°R14	7♏51	22♒ 5	7°R47	S 1
M 2	5 5 37	16° 3'23	20°11	26°17	10°10	9°17	17°52	16°37	26°59	4♈39	5°38	9♏10	7°48	22°12	7♈47	M 2
T 3	5 9 34	17° 4'33	4♍31	27°37	11°26	10° 2	18° 5	16°44	27° 1	4°38	5°39	9° 7	7°44	22°19	7°46	T 3
W 4	5 13 30	18° 5'44	18°39	28°59	12°41	10°47	18°17	16°51	27° 2	4°38	5°40	9°D 7	7°41	22°26	7°46	W 4
T 5	5 17 27	19° 6'55	2♎34	0♐22	13°57	11°32	18°29	16°58	27° 3	4°38	5°42	9° 7	7°38	22°32	7°45	T 5
F 6	5 21 23	20° 8'06	16°16	1°46	15°12	12°16	18°42	17° 5	27° 4	4°38	5°43	9° 9	7°35	22°39	7°45	F 6
S 7	5 25 20	21° 9'19	29°45	3°10	16°28	13° 1	18°54	17°12	27° 5	4°38	5°44	9°10	7°32	22°46	7°44	S 7
S 8	5 29 17	22°10'31	13♏ 2	4°36	17°43	13°46	19° 6	17°19	27° 7	4°38	5°46	9°R10	7°29	22°52	7°44	S 8
M 9	5 33 13	23°11'45	26° 7	6° 2	18°59	14°31	19°19	17°26	27° 8	4°38	5°47	9° 9	7°25	22°59	7°44	M 9
T 10	5 37 10	24°12'58	9♐ 2	7°29	20°14	15°16	19°31	17°33	27° 9	4°D38	5°49	9° 5	7°22	23° 6	7°44	T 10
W11	5 41 6	25°14'12	21°44	8°57	21°30	16° 1	19°43	17°40	27° 9	4°38	5°50	8°59	7°19	23°13	7°43	W11
T 12	5 45 3	26°15'25	4♑16	10°25	22°45	16°46	19°55	17°47	27°10	4°38	5°51	8°51	7°16	23°19	7°43	T 12
F 13	5 48 59	27°16'39	16°37	11°54	24° 1	17°32	20° 7	17°54	27°11	4°38	5°53	8°41	7°13	23°26	7°D43	F 13
S 14	5 52 56	28°17'52	28°47	13°23	25°17	18°17	20°19	18° 1	27°12	4°38	5°54	8°31	7°10	23°33	7°43	S 14
S 15	5 56 53	29°19'06	10♒48	14°52	26°32	19° 2	20°31	18° 8	27°13	4°38	5°56	8°22	7° 6	23°39	7°43	S 15
M16	6 0 49	0♑20'18	22°42	16°23	27°48	19°47	20°42	18°15	27°13	4°38	5°57	8°14	7° 3	23°46	7°44	M16
T 17	6 4 46	1°21'31	4♓33	17°53	29° 3	20°33	20°54	18°22	27°14	4°38	5°59	8° 7	7° 0	23°53	7°44	T 17
W18	6 8 42	2°22'43	16°24	19°24	0♑19	21°18	21° 6	18°29	27°14	4°39	6° 0	8° 4	6°57	24° 0	7°44	W18
T 19	6 12 39	3°23'55	28°19	20°56	1°34	22° 3	21°17	18°36	27°15	4°39	6° 2	8°D 2	6°54	24° 6	7°44	T 19
F 20	6 16 35	4°25'06	10♈24	22°27	2°49	22°49	21°29	18°43	27°15	4°39	6° 3	8° 2	6°50	24°13	7°45	F 20
S 21	6 20 32	5°26'16	22°45	24° 0	4° 5	23°34	21°40	18°50	27°15	4°40	6° 5	8° 3	6°47	24°20	7°45	S 21
S 22	6 24 28	6°27'26	5♉26	25°33	5°20	24°20	21°51	18°57	27°16	4°40	6° 7	8°R 4	6°44	24°26	7°45	S 22
M23	6 28 25	7°28'35	18°31	27° 6	6°36	25° 5	22° 3	19° 4	27°16	4°40	6° 8	8° 3	6°41	24°33	7°46	M23
T 24	6 32 22	8°29'44	2♊ 4	28°39	7°51	25°51	22°14	19°10	27°16	4°41	6°10	8° 1	6°38	24°40	7°47	T 24
W25	6 36 18	9°30'52	16° 4	0♑14	9° 7	26°37	22°25	19°17	27°16	4°41	6°11	7°55	6°35	24°47	7°47	W25
T 26	6 40 15	10°32'00	0♋31	1°48	10°22	27°22	22°36	19°24	27°16	4°42	6°13	7°48	6°31	24°53	7°48	T 26
F 27	6 44 11	11°33'07	15°17	3°23	11°38	28° 8	22°47	19°31	27°R16	4°43	6°15	7°38	6°28	25° 0	7°49	F 27
S 28	6 48 8	12°34'13	0♌16	4°59	12°53	28°54	22°58	19°37	27°16	4°43	6°16	7°28	6°25	25° 7	7°49	S 28
S 29	6 52 4	13°35'19	15°17	6°35	14° 8	29°40	23° 8	19°44	27°16	4°44	6°18	7°18	6°22	25°14	7°50	S 29
M30	6 56 1	14°36'24	0♍11	8°12	15°24	0♑25	23°19	19°51	27°16	4°44	6°20	7° 9	6°19	25°20	7°51	M30
T 31	6 59 57	15♑37'29	14♍50	9♑49	16♑39	1♑11	23♏30	19♐57	27♍16	4♈45	6♒21	7♏ 3	6♏16	25♒27	7♈52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s43	13n55	5s10	17s37	1n32	21s43	0n11	22s15	0s25	16s21	0n52	21s47	1n 6	1n53	0n44	0n18	1s42	27s10	8s29	14s39	14s12	9s30	5n27	2n34
M 2	22 50	10 0	5 5	18 3	1 25	21 56	0 9	22 23	0 26	16 25	0 52	21 47	1 6	1 53	0 44	0 17	1 42	27 10	8 29	14 37	14 11	9 28	5 27	2 34
T 3	22 56	5 33	4 41	18 29	1 17	22 9	0 7	22 30	0 26	16 28	0 52	21 48	1 6	1 52	0 44	0 17	1 42	27 9	8 28	14 36	14 10	9 26	5 27	2 33
W 4	23 1	0 50	4 0	18 55	1 9	22 22	0 4	22 37	0 27	16 31	0 52	21 49	1 6	1 52	0 44	0 17	1 42	27 9	8 28	14 36	14 9	9 24	5 26	2 33
T 5	23 7	3s52	3 6	19 20	1 1	22 34	0 2	22 44	0 28	16 35	0 52	21 50	1 6	1 51	0 44	0 17	1 42	27 8	8 28	14 36	14 8	9 22	5 26	2 33
F 6	23 12	8 17	2 1	19 45	0 53	22 45	0s 1	22 51	0 28	16 38	0 52	21 50	1 6	1 51	0 44	0 17	1 42	27 8	8 28	14 37	14 7	9 20	5 25	2 33
S 7	23 16	12 14	0 51	20 9	0 46	22 55	0 3	22 57	0 29	16 42	0 52	21 51	1 6	1 51	0 44	0 17	1 42	27 7	8 28	14 37	14 6	9 18	5 25	2 33
S 8	23 20	15 30	0n21	20 33	0 38	23 5	0 5	23 3	0 29	16 45	0 52	21 52	1 6	1 50	0 45	0 17	1 42	27 7	8 28	14 37	14 5	9 16	5 25	2 32
M 9	23 23	17 55	1 30	20 56	0 30	23 14	0 8	23 9	0 30	16 48	0 52	21 52	1 6	1 50	0 45	0 17	1 42	27 6	8 28	14 37	14 3	9 14	5 25	2 32
T 10	23 26	19 23	2 34	21 18	0 23	23 22	0 10	23 15	0 31	16 52	0 52	21 53	1 6	1 49	0 45	0 17	1 42	27 6	8 28	14 36	14 2	9 12	5 24	2 32
W11	23 28	19 49	3 29	21 39	0 15	23 30	0 13	23 20	0 31	16 55	0 52	21 54	1 6	1 49	0 45	0 17	1 42	27 6	8 28	14 34	14 1	9 10	5 24	2 32
T 12	23 30	19 17	4 13	22 0	0 8	23 37	0 15	23 26	0 32	16 58	0 52	21 55	1 6	1 49	0 45	0 18	1 42	27 5	8 28	14 31	14 0	9 8	5 24	2 32
F 13	23 32	17 49	4 44	22 19	0 0	23 43	0 17	23 31	0 32	17 1	0 52	21 55	1 5	1 48	0 45	0 18	1 42	27 5	8 28	14 28	13 59	9 6	5 24	2 31
S 14	23 33	15 35	5 2	22 38	0s 7	23 48	0 20	23 35	0 33	17 5	0 52	21 56	1 5	1 48	0 45	0 18	1 42	27 4	8 27	14 25	13 58	9 5	5 23	2 31
S 15	23 34	12 42	5 6	22 56	0 14	23 53	0 22	23 40	0 34	17 8	0 52	21 57	1 5	1 48	0 45	0 18	1 42	27 4	8 27	14 22	13 57	9 3	5 23	2 31
M16	23 34	9 20	4 57	23 12	0 21	23 57	0 24	23 44	0 34	17 11	0 52	21 57	1 5	1 48	0 45	0 18	1 42	27 3	8 27	14 19	13 56	9 1	5 23	2 31
T 17	23 33	5 38	4 35	23 28	0 28	24 0	0 26	23 48	0 35	17 14	0 52	21 58	1 5	1 48	0 45	0 18	1 41	27 3	8 27	14 17	13 55	8 59	5 23	2 31
W18	23 32	1 42	4 1	23 43	0 35	24 2	0 29	23 52	0 35	17 17	0 52	21 59	1 5	1 47	0 45	0 18	1 41	27 2	8 27	14 16	13 54	8 57	5 23	2 30
T 19	23 31	2n20	3 16	23 56	0 41	24 4	0 31	23 55	0 36	17 20	0 52	21 59	1 5	1 47	0 45	0 18	1 41	27 2	8 27	14 15	13 53	8 55	5 23	2 30
F 20	23 29	6 19	2 23	24 8	0 47	24 5	0 33	23 58	0 36	17 23	0 52	22 0	1 5	1 47	0 45	0 19	1 41	27 1	8 27	14 15	13 52	8 53	5 23	2 30
S 21	23 27	10 9	1 21	24 19	0 54	24 5	0 35	24 1	0 37	17 26	0 52	22 0	1 5	1 47	0 45	0 19	1 41	27 1	8 27	14 16	13 51	8 51	5 23	2 30
S 22	23 24	13 37	0 14	24 29	0 59	24 5	0 38	24 4	0 38	17 29	0 52	22 1	1 5	1 47	0 45	0 19	1 41	27 0	8 27	14 16	13 50	8 49	5 23	2 30
M23	23 21	16 32	0s56	24 37	1 5	24 3	0 40	24 6	0 38	17 32	0 52	22 2	1 5	1 47	0 45	0 19	1 41	27 0	8 27	14 16	13 49	8 47	5 23	2 29
T 24	23 17	18 39	2 5	24 44	1 11	24 1	0 42	24 8	0 39	17 34	0 53	22 2	1 5	1 47	0 45	0 19	1 41	27 0	8 27	14 15	13 48	8 45	5 23	2 29
W25	23 13	19 43	3 8	24 50	1 16	23 58	0 44	24 10	0 39	17 37	0 53	22 3	1 5	1 47	0 45	0 20	1 41	26 59	8 27	14 13	13 47	8 43	5 23	2 29
T 26	23 8	19 32	4 2	24 54	1 21	23 55	0 46	24 12	0 40	17 40	0 53	22 3	1 5	1 47	0 45	0 20	1 41	26 59	8 27	14 11	13 46	8 41	5 23	2 29
F 27	23 3	18 2	4 40	24 57	1 26	23 51	0 48	24 13	0 40	17 43	0 53	22 4	1 5	1 47	0 45	0 20	1 41	26 58	8 27	14 8	13 45	8 39	5 23	2 29
S 28	22 58	15 18	5 0	24 59	1 31	23 46	0 50	24 14	0 41	17 45	0 53	22 4	1 5	1 47	0 45	0 21	1 41	26 58	8 27	14 4	13 44	8 37	5 23	2 28
S 29	22 52	11 33	5 0	24 59	1 35	23 40	0 52	24 15	0 42	17 48	0 53	22 5	1 5	1 47	0 45	0 21	1 41	26 57	8 27	14 1	13 43	8 35	5 23	2 28
M30	22 45	7 7	4 39	24 57	1 39	23 33	0 54	24 16	0 42	17 51	0 53	22 6	1 5	1 47	0 45	0 21	1 41	26 57	8 27	13 58	13 42	8 33	5 24	2 28
T 31	22s38	2n19	4s 0	24s55	1s43	23s26	0s56	24s16	0s43	17s53	0n53	22s 6	1n 5	1n47	0n45	0n22	1s41	26s56	8s27	13s56	13s40	8s31	5n24	2n28

Julian Day Number = 2103078.5, Delta T = 20m58s
Ecliptic obliquity = 23°33'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'28, Lahiri = 10°33'29 Julian Calendar 1 Dec. 1045 == Greg. Calendar 7 Dec. 1045

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

JANUARY 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	7 3 54	16♉38'33	29♍10	11♉27	17♉55	1♉57	23♏40	20♐ 4	27°R16	4♈46	6♒23	7°R 0	6♏12	25♒34	7♈53	W 1
T 2	7 7 51	17°39'37	13♎ 8	13° 5	19°10	2°43	23°50	20°11	27♍15	4°47	6°25	6°D59	6° 9	25°40	7°54	T 2
F 3	7 11 47	18°40'40	26°45	14°44	20°25	3°29	24° 1	20°17	27°15	4°48	6°26	6♏59	6° 6	25°47	7°55	F 3
S 4	7 15 44	19°41'43	10♏ 2	16°24	21°41	4°15	24°11	20°24	27°14	4°48	6°28	6°R59	6° 3	25°54	7°57	S 4
S 5	7 19 40	20°42'45	23° 3	18° 4	22°56	5° 1	24°21	20°30	27°14	4°49	6°30	6°58	6° 0	26° 1	7°58	S 5
M 6	7 23 37	21°43'47	5♐49	19°45	24°11	5°47	24°31	20°36	27°13	4°50	6°32	6°54	5°56	26° 7	7°59	M 6
T 7	7 27 33	22°44'48	18°24	21°26	25°27	6°33	24°41	20°43	27°13	4°51	6°33	6°48	5°53	26°14	8° 0	T 7
W 8	7 31 30	23°45'48	0♑50	23° 8	26°42	7°19	24°51	20°49	27°12	4°52	6°35	6°39	5°50	26°21	8° 2	W 8
T 9	7 35 26	24°46'48	13° 6	24°51	27°57	8° 5	25° 0	20°55	27°11	4°53	6°37	6°27	5°47	26°27	8° 3	T 9
F 10	7 39 23	25°47'46	25°15	26°35	29°13	8°52	25°10	21° 2	27°11	4°54	6°39	6°13	5°44	26°34	8° 5	F 10
S 11	7 43 20	26°48'43	7♒18	28°19	0♒28	9°38	25°19	21° 8	27°10	4°55	6°40	5°58	5°41	26°41	8° 6	S 11
S 12	7 47 16	27°49'39	19°14	0♒ 3	1°43	10°24	25°29	21°14	27° 9	4°56	6°42	5°43	5°37	26°48	8° 8	S 12
M13	7 51 13	28°50'34	1♓ 6	1°49	2°59	11°10	25°38	21°20	27° 8	4°57	6°44	5°30	5°34	26°54	8°10	M13
T 14	7 55 9	29°51'27	12°56	3°35	4°14	11°57	25°47	21°26	27° 7	4°59	6°46	5°20	5°31	27° 1	8°11	T 14
W15	7 59 6	0♒52'20	24°46	5°21	5°29	12°43	25°56	21°32	27° 6	5° 0	6°47	5°13	5°28	27° 8	8°13	W15
T 16	8 3 2	1°53'10	6♈40	7° 8	6°44	13°29	26° 5	21°38	27° 5	5° 1	6°49	5° 8	5°25	27°14	8°15	T 16
F 17	8 6 59	2°53'59	18°42	8°56	7°59	14°16	26°14	21°44	27° 4	5° 2	6°51	5° 6	5°22	27°21	8°17	F 17
S 18	8 10 55	3°54'47	0♉58	10°44	9°15	15° 2	26°22	21°50	27° 3	5° 3	6°53	5° 6	5°18	27°28	8°19	S 18
S 19	8 14 52	4°55'33	13°33	12°32	10°30	15°48	26°31	21°56	27° 1	5° 5	6°54	5° 6	5°15	27°35	8°20	S 19
M20	8 18 49	5°56'17	26°32	14°21	11°45	16°35	26°39	22° 1	27° 0	5° 6	6°56	5° 5	5°12	27°41	8°22	M20
T 21	8 22 45	6°57'00	9♊59	16° 9	13° 0	17°21	26°47	22° 7	26°59	5° 8	6°58	5° 2	5° 9	27°48	8°24	T 21
W22	8 26 42	7°57'41	23°56	17°58	14°15	18° 8	26°55	22°13	26°58	5° 9	7° 0	4°56	5° 6	27°55	8°27	W22
T 23	8 30 38	8°58'21	8♋23	19°46	15°30	18°54	27° 3	22°18	26°56	5°10	7° 2	4°48	5° 2	28° 1	8°29	T 23
F 24	8 34 35	9°58'58	23°17	21°34	16°46	19°41	27°11	22°24	26°55	5°12	7° 3	4°38	4°59	28° 8	8°31	F 24
S 25	8 38 31	10°59'35	8♌28	23°21	18° 1	20°27	27°19	22°29	26°53	5°13	7° 5	4°26	4°56	28°15	8°33	S 25
S 26	8 42 28	12° 0'09	23°47	25° 7	19°16	21°14	27°26	22°35	26°52	5°15	7° 7	4°15	4°53	28°22	8°35	S 26
M27	8 46 24	13° 0'42	9♍ 1	26°51	20°31	22° 1	27°34	22°40	26°50	5°16	7° 9	4° 5	4°50	28°28	8°38	M27
T 28	8 50 21	14° 1'14	24° 2	28°34	21°46	22°47	27°41	22°45	26°48	5°18	7°11	3°58	4°47	28°35	8°40	T 28
W29	8 54 18	15° 1'44	8♎40	0♓15	23° 1	23°34	27°48	22°51	26°47	5°19	7°12	3°53	4°43	28°42	8°42	W29
T 30	8 58 14	16° 2'13	22°51	1°52	24°16	24°20	27°55	22°56	26°45	5°21	7°14	3°51	4°40	28°48	8°45	T 30
F 31	9 2 11	17♒ 2'41	6♏36	3♓27	25♒31	25♉ 7	28♏ 2	23♐ 1	26♍43	5♈23	7♒16	3°D51	4♏37	28♒55	8♈47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22s31	2s31	3s 6	24s50	1s47	23s18	0s57	24s16	0s43	17s56	0n53	22s 7	1n 5	1n47	0n45	0n22	1s41	26s56	8s27	13s55	13s39	8s29	5n24	2n28
T 2	22 23	7 6	2 3	24 44	1 50	23 9	0 59	24 16	0 44	17 58	0 53	22 7	1 5	1 48	0 45	0 22	1 41	26 55	8 27	13 55	13 38	8 27	5 24	2 27
F 3	22 15	11 12	0 54	24 37	1 53	23 0	1 1	24 15	0 44	18 1	0 53	22 8	1 5	1 48	0 46	0 23	1 41	26 55	8 27	13 55	13 37	8 26	5 25	2 27
S 4	22 6	14 39	0n16	24 28	1 56	22 50	1 2	24 14	0 45	18 3	0 53	22 8	1 5	1 48	0 46	0 23	1 41	26 54	8 27	13 55	13 36	8 24	5 25	2 27
S 5	21 57	17 16	1 24	24 17	1 58	22 39	1 4	24 13	0 45	18 6	0 53	22 9	1 5	1 48	0 46	0 23	1 40	26 54	8 27	13 54	13 35	8 22	5 25	2 27
M 6	21 48	18 59	2 26	24 4	2 0	22 28	1 6	24 12	0 46	18 8	0 53	22 9	1 5	1 48	0 46	0 24	1 40	26 54	8 27	13 53	13 34	8 20	5 26	2 27
T 7	21 38	19 43	3 20	23 50	2 1	22 16	1 7	24 10	0 47	18 11	0 53	22 9	1 5	1 49	0 46	0 24	1 40	26 53	8 27	13 51	13 33	8 18	5 26	2 26
W 8	21 28	19 29	4 4	23 35	2 2	22 3	1 9	24 8	0 47	18 13	0 53	22 10	1 5	1 49	0 46	0 25	1 40	26 53	8 27	13 48	13 32	8 16	5 26	2 26
T 9	21 17	18 20	4 36	23 17	2 3	21 49	1 10	24 6	0 48	18 15	0 53	22 10	1 5	1 49	0 46	0 25	1 40	26 52	8 27	13 44	13 31	8 14	5 27	2 26
F 10	21 6	16 22	4 54	22 58	2 4	21 35	1 12	24 4	0 48	18 17	0 53	22 11	1 5	1 50	0 46	0 26	1 40	26 52	8 27	13 40	13 30	8 12	5 27	2 26
S 11	20 54	13 43	5 0	22 37	2 4	21 20	1 13	24 1	0 49	18 20	0 53	22 11	1 5	1 50	0 46	0 26	1 40	26 51	8 27	13 35	13 29	8 10	5 28	2 26
S 12	20 42	10 31	4 52	22 15	2 3	21 5	1 14	23 58	0 49	18 22	0 53	22 12	1 5	1 50	0 46	0 26	1 40	26 51	8 27	13 30	13 28	8 8	5 28	2 25
M13	20 30	6 55	4 31	21 50	2 2	20 49	1 15	23 55	0 50	18 24	0 53	22 12	1 5	1 51	0 46	0 27	1 40	26 50	8 27	13 25	13 27	8 6	5 29	2 25
T 14	20 17	3 4	3 59	21 24	2 1	20 32	1 17	23 51	0 50	18 26	0 54	22 12	1 5	1 51	0 46	0 27	1 40	26 50	8 27	13 22	13 26	8 4	5 29	2 25
W15	20 4	0n54	3 16	20 57	1 59	20 15	1 18	23 47	0 51	18 28	0 54	22 13	1 5	1 52	0 46	0 28	1 40	26 50	8 27	13 20	13 25	8 2	5 30	2 25
T 16	19 50	4 52	2 24	20 27	1 56	19 57	1 19	23 43	0 51	18 30	0 54	22 13	1 5	1 52	0 46	0 29	1 40	26 49	8 27	13 18	13 24	8 0	5 30	2 25
F 17	19 37	8 41	1 26	19 56	1 53	19 39	1 20	23 39	0 52	18 32	0 54	22 14	1 5	1 53	0 46	0 29	1 40	26 49	8 27	13 17	13 22	7 58	5 31	2 25
S 18	19 22	12 13	0 22	19 23	1 49	19 20	1 21	23 34	0 52	18 34	0 54	22 14	1 5	1 53	0 46	0 30	1 40	26 48	8 27	13 17	13 21	7 56	5 31	2 24
S 19	19 8	15 17	0s45	18 48	1 45	19 0	1 22	23 29	0 53	18 36	0 54	22 14	1 5	1 54	0 46	0 30	1 40	26 48	8 27	13 17	13 20	7 54	5 32	2 24
M20	18 53	17 41	1 51	18 12	1 40	18 40	1 22	23 24	0 53	18 38	0 54	22 15	1 5	1 54	0 46	0 31	1 40	26 47	8 27	13 17	13 19	7 52	5 32	2 24
T 21	18 38	19 12	2 53	17 35	1 35	18 19	1 23	23 19	0 54	18 40	0 54	22 15	1 5	1 55	0 46	0 31	1 40	26 47	8 27	13 16	13 18	7 50	5 33	2 24
W22	18 22	19 38	3 48	16 56	1 28	17 58	1 24	23 13	0 54	18 42	0 54	22 15	1 5	1 55	0 46	0 32	1 40	26 47	8 27	13 14	13 17	7 48	5 34	2 24
T 23	18 6	18 49	4 29	16 15	1 22	17 37	1 24	23 7	0 55	18 43	0 54	22 16	1 5	1 56	0 46	0 33	1 40	26 46	8 27	13 11	13 16	7 46	5 34	2 24
F 24	17 50	16 42	4 55	15 33	1 14	17 15	1 25	23 1	0 55	18 45	0 54	22 16	1 5	1 56	0 46	0 33	1 40	26 46	8 27	13 8	13 15	7 44	5 35	2 23
S 25	17 34	13 25	5 0	14 50	1 6	16 52	1 26	22 55	0 56	18 47	0 54	22 16	1 5	1 57	0 46	0 34	1 40	26 45	8 27	13 4	13 14	7 42	5 36	2 23
S 26	17 17	9 12	4 43	14 6	0 57	16 29	1 26	22 48	0 56	18 48	0 54	22 16	1 5	1 58	0 46	0 34	1 39	26 45	8 27	13 0	13 13	7 40	5 37	2 23
M27	17 0	4 25	4 7	13 21	0 47	16 5	1 26	22 41	0 56	18 50	0 54	22 17	1 5	1 58	0 46	0 35	1 39	26 45	8 27	12 57	13 12	7 38	5 37	2 23
T 28	16 42	0s35	3 14	12 36	0 36	15 41	1 27	22 34	0 57	18 52	0 54	22 17	1 5	1 59	0 46	0 36	1 39	26 44	8 28	12 54	13 11	7 36	5 38	2 23
W29	16 25	5 26	2 9	11 50	0 25	15 17	1 27	22 26	0 57	18 53	0 55	22 17	1 5	2 0	0 46	0 36	1 39	26 44	8 28	12 53	13 10	7 35	5 39	2 23
T 30	16 7	9 50	0 58	11 4	0 13	14 52	1 27	22 18	0 58	18 55	0 55	22 18	1 5	2 0	0 46	0 37	1 39	26 43	8 28	12 52	13 9	7 33	5 40	2 22
F 31	15s48	13s33	0n15	10s18	0s 1	14s27	1s27	22s10	0s58	18s56	0n55	22s18	1n 5	2n 1	0n46	0n38	1s39	26s43	8s28	12s52	13s 8	7s31	5n41	2n22

Julian Day Number = 2103109.5, Delta T = 20m58s
Ecliptic obliquity = 23°33'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'33, Lahiri = 10°33'33 Julian Calendar 1 Jan. 1046 == Greg. Calendar 7 Jan. 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

FEBRUARY 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 6 7	18♒ 3'07	19♏55	4♓57	26♒46	25♉54	28♏ 9	23♐ 6	26°R41	5♈24	7♒18	3°R51	4♏34	29♒ 2	8♈50	S 1
S 2	9 10 4	19° 3'32	2♐53	6°23	28° 1	26°41	28°16	23°11	26♍40	5°26	7°19	3♏50	4°31	29° 8	8°52	S 2
M 3	9 14 0	20° 3'55	15°31	7°44	29°16	27°27	28°22	23°16	26°38	5°28	7°21	3°48	4°27	29°15	8°55	M 3
T 4	9 17 57	21° 4'17	27°56	8°59	0♓31	28°14	28°28	23°21	26°36	5°29	7°23	3°42	4°24	29°22	8°57	T 4
W 5	9 21 53	22° 4'38	10♉ 9	10° 8	1°46	29° 1	28°34	23°25	26°34	5°31	7°25	3°34	4°21	29°29	9° 0	W 5
T 6	9 25 50	23° 4'57	22°15	11°10	3° 0	29°48	28°40	23°30	26°32	5°33	7°26	3°23	4°18	29°35	9° 3	T 6
F 7	9 29 47	24° 5'14	4♒14	12° 4	4°15	0♒34	28°46	23°35	26°30	5°35	7°28	3°10	4°15	29°42	9° 5	F 7
S 8	9 33 43	25° 5'30	16° 9	12°50	5°30	1°21	28°52	23°39	26°28	5°36	7°30	2°57	4°12	29°49	9° 8	S 8
S 9	9 37 40	26° 5'43	28° 1	13°27	6°45	2° 8	28°57	23°44	26°26	5°38	7°31	2°44	4° 8	29°55	9°11	S 9
M10	9 41 36	27° 5'55	9♓52	13°56	8° 0	2°55	29° 3	23°48	26°24	5°40	7°33	2°32	4° 5	0♓ 2	9°14	M10
T 11	9 45 33	28° 6'05	21°43	14°15	9°15	3°42	29° 8	23°52	26°21	5°42	7°35	2°23	4° 2	0° 9	9°17	T 11
W12	9 49 29	29° 6'13	3♈35	14°25	10°29	4°28	29°13	23°57	26°19	5°44	7°37	2°16	3°59	0°16	9°19	W12
T 13	9 53 26	0♓ 6'18	15°33	14°R25	11°44	5°15	29°18	24° 1	26°17	5°46	7°38	2°12	3°56	0°22	9°22	T 13
F 14	9 57 22	1° 6'22	27°38	14°17	12°59	6° 2	29°22	24° 5	26°15	5°48	7°40	2°D10	3°53	0°29	9°25	F 14
S 15	10 1 19	2° 6'24	9♉55	13°59	14°13	6°49	29°27	24° 9	26°13	5°50	7°42	2°10	3°49	0°36	9°28	S 15
S 16	10 5 16	3° 6'23	22°29	13°33	15°28	7°36	29°31	24°13	26°10	5°52	7°43	2°11	3°46	0°42	9°31	S 16
M17	10 9 12	4° 6'20	5♊23	12°59	16°43	8°23	29°35	24°17	26° 8	5°54	7°45	2°R12	3°43	0°49	9°34	M17
T 18	10 13 9	5° 6'15	18°42	12°19	17°57	9°10	29°39	24°20	26° 6	5°56	7°46	2°11	3°40	0°56	9°37	T 18
W19	10 17 5	6° 6'08	2♋29	11°33	19°12	9°56	29°43	24°24	26° 3	5°58	7°48	2° 8	3°37	1° 3	9°40	W19
T 20	10 21 2	7° 5'58	16°45	10°41	20°27	10°43	29°47	24°28	26° 1	6° 0	7°50	2° 3	3°33	1° 9	9°44	T 20
F 21	10 24 58	8° 5'46	1♌28	9°47	21°41	11°30	29°50	24°31	25°58	6° 2	7°51	1°56	3°30	1°16	9°47	F 21
S 22	10 28 55	9° 5'32	16°33	8°50	22°56	12°17	29°54	24°35	25°56	6° 4	7°53	1°47	3°27	1°23	9°50	S 22
S 23	10 32 51	10° 5'16	1♍50	7°53	24°10	13° 4	29°57	24°38	25°54	6° 6	7°54	1°39	3°24	1°29	9°53	S 23
M24	10 36 48	11° 4'58	17° 8	6°55	25°24	13°51	29°59	24°41	25°51	6° 8	7°56	1°32	3°21	1°36	9°56	M24
T 25	10 40 44	12° 4'37	2♎17	6° 0	26°39	14°38	0♐ 3	24°44	25°49	6°10	7°57	1°27	3°18	1°43	10° 0	T 25
W26	10 44 41	13° 4'15	17° 7	5° 7	27°53	15°25	0° 5	24°47	25°46	6°12	7°59	1°24	3°14	1°49	10° 3	W26
T 27	10 48 38	14° 3'51	1♏33	4°17	29° 8	16°12	0° 8	24°50	25°44	6°14	8° 0	1°D23	3°11	1°56	10° 6	T 27
F 28	10 52 34	15♓ 3'25	15♏29	3♓32	0♈22	16♒58	0♐10	24♐53	25♍41	6♈16	8♒ 2	1♏24	3♏ 8	2♓ 3	10♈ 9	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s30	16s28	1n24	9s33	0n12	14s 1	1s27	22s 2	0s59	18s58	0n55	22s18	1n 5	2n 2	0n46	0n38	1s39	26s43	8s28	12s52	13s 6	7s29	5n41	2n22
S 2	15 11	18 26	2 27	8 49	0 26	13 35	1 27	21 54	0 59	18 59	0 55	22 18	1 5	2 3	0 47	0 39	1 39	26 42	8 28	12 52	13 5	7 27	5 42	2 22
M 3	14 52	19 26	3 22	8 5	0 40	13 9	1 27	21 45	1 0	19 0	0 55	22 19	1 5	2 3	0 47	0 40	1 39	26 42	8 28	12 51	13 4	7 25	5 43	2 22
T 4	14 33	19 27	4 5	7 24	0 55	12 42	1 27	21 36	1 0	19 2	0 55	22 19	1 5	2 4	0 47	0 41	1 39	26 41	8 28	12 49	13 3	7 23	5 44	2 22
W 5	14 13	18 34	4 37	6 44	1 9	12 15	1 27	21 27	1 0	19 3	0 55	22 19	1 5	2 5	0 47	0 41	1 39	26 41	8 28	12 46	13 2	7 21	5 45	2 21
T 6	13 54	16 51	4 56	6 7	1 24	11 48	1 27	21 17	1 1	19 4	0 55	22 19	1 5	2 6	0 47	0 42	1 39	26 41	8 28	12 42	13 1	7 19	5 46	2 21
F 7	13 34	14 25	5 1	5 32	1 40	11 20	1 26	21 8	1 1	19 5	0 55	22 19	1 5	2 7	0 47	0 43	1 39	26 40	8 29	12 38	13 0	7 17	5 47	2 21
S 8	13 13	11 24	4 54	5 1	1 55	10 52	1 26	20 58	1 2	19 6	0 55	22 20	1 5	2 8	0 47	0 43	1 39	26 40	8 29	12 33	12 59	7 15	5 48	2 21
S 9	12 53	7 57	4 33	4 33	2 9	10 24	1 26	20 48	1 2	19 8	0 55	22 20	1 5	2 8	0 47	0 44	1 39	26 40	8 29	12 29	12 58	7 13	5 49	2 21
M10	12 32	4 12	4 1	4 9	2 24	9 56	1 25	20 37	1 2	19 9	0 55	22 20	1 5	2 9	0 47	0 45	1 39	26 39	8 29	12 25	12 57	7 11	5 50	2 21
T 11	12 12	0 16	3 18	3 49	2 37	9 27	1 25	20 27	1 3	19 10	0 56	22 20	1 5	2 10	0 47	0 46	1 39	26 39	8 29	12 22	12 56	7 9	5 51	2 21
W12	11 51	3n40	2 26	3 33	2 50	8 58	1 24	20 16	1 3	19 11	0 56	22 20	1 5	2 11	0 47	0 47	1 39	26 39	8 29	12 19	12 55	7 7	5 52	2 20
T 13	11 30	7 30	1 28	3 22	3 2	8 29	1 23	20 5	1 4	19 12	0 56	22 20	1 5	2 12	0 47	0 47	1 39	26 38	8 29	12 18	12 54	7 5	5 53	2 20
F 14	11 8	11 4	0 24	3 15	3 13	7 59	1 22	19 53	1 4	19 13	0 56	22 21	1 5	2 13	0 47	0 48	1 39	26 38	8 30	12 17	12 52	7 3	5 54	2 20
S 15	10 47	14 13	0s41	3 13	3 22	7 30	1 22	19 42	1 4	19 13	0 56	22 21	1 5	2 14	0 47	0 49	1 39	26 38	8 30	12 17	12 51	7 1	5 55	2 20
S 16	10 25	16 46	1 47	3 16	3 30	7 0	1 21	19 30	1 5	19 14	0 56	22 21	1 5	2 15	0 47	0 50	1 39	26 38	8 30	12 18	12 50	6 59	5 56	2 20
M17	10 3	18 33	2 48	3 23	3 36	6 30	1 20	19 18	1 5	19 15	0 56	22 21	1 5	2 16	0 47	0 51	1 39	26 37	8 30	12 18	12 49	6 57	5 57	2 20
T 18	9 41	19 23	3 43	3 35	3 40	5 59	1 19	19 6	1 5	19 16	0 56	22 21	1 5	2 17	0 47	0 51	1 39	26 37	8 30	12 17	12 48	6 55	5 58	2 20
W19	9 19	19 6	4 26	3 50	3 43	5 29	1 18	18 54	1 6	19 17	0 56	22 21	1 5	2 18	0 47	0 52	1 39	26 37	8 30	12 16	12 47	6 53	5 59	2 19
T 20	8 57	17 37	4 55	4 9	3 43	4 59	1 16	18 42	1 6	19 17	0 56	22 21	1 5	2 18	0 47	0 53	1 39	26 36	8 30	12 15	12 46	6 51	6 0	2 19
F 21	8 35	14 57	5 6	4 32	3 41	4 28	1 15	18 29	1 6	19 18	0 56	22 22	1 5	2 19	0 47	0 54	1 39	26 36	8 31	12 12	12 45	6 49	6 1	2 19
S 22	8 12	11 15	4 56	4 56	3 37	3 57	1 14	18 16	1 7	19 19	0 57	22 22	1 5	2 20	0 47	0 55	1 39	26 36	8 31	12 9	12 44	6 47	6 3	2 19
S 23	7 49	6 45	4 25	5 23	3 32	3 26	1 13	18 3	1 7	19 19	0 57	22 22	1 5	2 21	0 47	0 56	1 39	26 36	8 31	12 7	12 43	6 45	6 4	2 19
M24	7 27	1 48	3 35	5 51	3 24	2 55	1 11	17 50	1 7	19 20	0 57	22 22	1 5	2 22	0 47	0 56	1 39	26 35	8 31	12 4	12 42	6 43	6 5	2 19
T 25	7 4	3s13	2 30	6 20	3 15	2 24	1 10	17 36	1 8	19 20	0 57	22 22	1 5	2 23	0 47	0 57	1 39	26 35	8 31	12 2	12 40	6 41	6 6	2 19
W26	6 41	7 56	1 16	6 50	3 4	1 53	1 8	17 23	1 8	19 21	0 57	22 22	1 5	2 24	0 47	0 58	1 39	26 35	8 32	12 1	12 39	6 39	6 7	2 19
T 27	6 18	12 3	0n 1	7 19	2 53	1 22	1 7	17 9	1 8	19 21	0 57	22 22	1 6	2 25	0 47	0 59	1 39	26 35	8 32	12 1	12 38	6 37	6 8	2 18
F 28	5s55	15s22	1n15	7s47	2n40	0s51	1s 5	16s55	1s 8	19s22	0n57	22s22	1n 6	2n26	0n47	1n 0	1s39	26s34	8s32	12s 1	12s37	6s35	6n10	2n18

Julian Day Number = 2103140.5, Delta T = 20m57s
Ecliptic obliquity = 23°33'39, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'37, Lahiri = 10°33'37 Julian Calendar 1 Feb. 1046 == Greg. Calendar 7 Feb. 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

MARCH 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 56 31	16♓ 2'57	28♏58	2°R52	1♈36	17♒45	0♐12	24♐56	25°R39	6♈19	8♒ 3	1♏25	3♏ 5	2♓10	10♈13	S 1
S 2	11 0 27	17° 2'27	12♐ 2	2♓17	2°51	18°32	0°14	24°59	25♍36	6°21	8° 5	1°R26	3° 2	2°16	10°16	S 2
M 3	11 4 24	18° 1'56	24°43	1°48	4° 5	19°19	0°15	25° 2	25°33	6°23	8° 6	1°26	2°59	2°23	10°19	M 3
T 4	11 8 20	19° 1'23	7♑ 6	1°25	5°19	20° 6	0°17	25° 4	25°31	6°25	8° 8	1°24	2°55	2°30	10°23	T 4
W 5	11 12 17	20° 0'48	19°16	1° 8	6°33	20°53	0°18	25° 7	25°28	6°27	8° 9	1°21	2°52	2°36	10°26	W 5
T 6	11 16 13	21° 0'12	1♒16	0°57	7°47	21°40	0°19	25° 9	25°26	6°29	8°11	1°15	2°49	2°43	10°30	T 6
F 7	11 20 10	21°59'33	13°10	0°D52	9° 2	22°27	0°20	25°11	25°23	6°32	8°12	1° 9	2°46	2°50	10°33	F 7
S 8	11 24 7	22°58'52	25° 1	0°53	10°16	23°13	0°21	25°13	25°21	6°34	8°13	1° 1	2°43	2°57	10°36	S 8
S 9	11 28 3	23°58'10	6♓51	0°59	11°30	24° 0	0°22	25°15	25°18	6°36	8°15	0°54	2°39	3° 3	10°40	S 9
M10	11 32 0	24°57'25	18°43	1°11	12°44	24°47	0°22	25°17	25°15	6°38	8°16	0°48	2°36	3°10	10°43	M10
T 11	11 35 56	25°56'38	0♈38	1°27	13°58	25°34	0°R22	25°19	25°13	6°40	8°17	0°43	2°33	3°17	10°47	T 11
W12	11 39 53	26°55'49	12°38	1°49	15°12	26°21	0°22	25°21	25°10	6°43	8°19	0°39	2°30	3°23	10°50	W12
T 13	11 43 49	27°54'58	24°44	2°16	16°26	27° 7	0°22	25°23	25° 8	6°45	8°20	0°D38	2°27	3°30	10°54	T 13
F 14	11 47 46	28°54'05	7♉ 0	2°46	17°40	27°54	0°21	25°24	25° 5	6°47	8°21	0°38	2°24	3°37	10°57	F 14
S 15	11 51 42	29°53'10	19°26	3°22	18°54	28°41	0°21	25°26	25° 2	6°49	8°22	0°39	2°20	3°43	11° 1	S 15
S 16	11 55 39	0♈52'12	2♊ 7	4° 1	20° 8	29°28	0°20	25°27	25° 0	6°52	8°24	0°41	2°17	3°50	11° 4	S 16
M17	11 59 36	1°51'12	15° 5	4°43	21°21	0♓15	0°19	25°29	24°57	6°54	8°25	0°42	2°14	3°57	11° 8	M17
T 18	12 3 32	2°50'10	28°23	5°30	22°35	1° 1	0°18	25°30	24°55	6°56	8°26	0°R43	2°11	4° 4	11°11	T 18
W19	12 7 29	3°49'05	12♋ 4	6°20	23°49	1°48	0°17	25°31	24°52	6°59	8°27	0°43	2° 8	4°10	11°15	W19
T 20	12 11 25	4°47'58	26° 7	7°13	25° 3	2°35	0°15	25°32	24°50	7° 1	8°28	0°41	2° 4	4°17	11°19	T 20
F 21	12 15 22	5°46'49	10♌34	8° 9	26°16	3°21	0°14	25°33	24°47	7° 3	8°29	0°39	2° 1	4°24	11°22	F 21
S 22	12 19 18	6°45'37	25°19	9° 8	27°30	4° 8	0°12	25°34	24°45	7° 5	8°30	0°36	1°58	4°30	11°26	S 22
S 23	12 23 15	7°44'23	10♍18	10° 9	28°44	4°55	0°10	25°34	24°42	7° 8	8°31	0°33	1°55	4°37	11°29	S 23
M24	12 27 11	8°43'07	25°21	11°14	29°57	5°41	0° 7	25°35	24°40	7°10	8°32	0°30	1°52	4°44	11°33	M24
T 25	12 31 8	9°41'49	10♎21	12°21	1♉11	6°28	0° 5	25°36	24°37	7°12	8°33	0°28	1°49	4°50	11°36	T 25
W26	12 35 4	10°40'29	25° 8	13°30	2°24	7°14	0° 2	25°36	24°35	7°14	8°34	0°D27	1°45	4°57	11°40	W26
T 27	12 39 1	11°39'06	9♏35	14°42	3°38	8° 1	29♏59	25°36	24°32	7°17	8°35	0°27	1°42	5° 4	11°44	T 27
F 28	12 42 58	12°37'42	23°38	15°56	4°51	8°47	29°57	25°36	24°30	7°19	8°36	0°28	1°39	5°11	11°47	F 28
S 29	12 46 54	13°36'17	7♐15	17°12	6° 4	9°34	29°53	25°37	24°27	7°21	8°37	0°30	1°36	5°17	11°51	S 29
S 30	12 50 51	14°34'49	20°26	18°30	7°18	10°20	29°50	25°R37	24°25	7°23	8°38	0°31	1°33	5°24	11°54	S 30
M31	12 54 47	15♈33'20	3♑13	19♓51	8♉31	11♓ 7	29♏47	25♐37	24♍23	7♈26	8♒39	0♏32	1♏30	5♓31	11♈58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s32	17s42	2n24	8s14	2n26	0s20	1s 4	16s41	1s 9	19s22	0n57	22s22	1n 6	2n27	0n47	1n 1	1s39	26s34	8s32	12s 2	12s36	6s33	6n11	2n18
S 2	5 9	19 1	3 22	8 40	2 12	0n12	1 2	16 26	1 9	19 22	0 57	22 22	1 6	2 28	0 47	1 2	1 38	26 34	8 32	12 2	12 35	6 31	6 12	2 18
M 3	4 45	19 19	4 9	9 4	1 57	0 43	1 0	16 12	1 9	19 22	0 57	22 22	1 6	2 30	0 47	1 2	1 38	26 34	8 33	12 2	12 34	6 29	6 13	2 18
T 4	4 22	18 40	4 42	9 26	1 42	1 14	0 58	15 57	1 9	19 23	0 57	22 22	1 6	2 31	0 47	1 3	1 38	26 34	8 33	12 1	12 33	6 27	6 15	2 18
W 5	3 58	17 10	5 3	9 47	1 27	1 45	0 56	15 42	1 10	19 23	0 57	22 23	1 6	2 32	0 47	1 4	1 38	26 33	8 33	12 0	12 32	6 25	6 16	2 18
T 6	3 35	14 57	5 9	10 5	1 12	2 16	0 54	15 28	1 10	19 23	0 58	22 23	1 6	2 33	0 47	1 5	1 38	26 33	8 33	11 58	12 31	6 24	6 17	2 18
F 7	3 12	12 7	5 3	10 20	0 57	2 48	0 52	15 12	1 10	19 23	0 58	22 23	1 6	2 34	0 47	1 6	1 38	26 33	8 33	11 56	12 30	6 22	6 18	2 18
S 8	2 48	8 48	4 43	10 34	0 42	3 19	0 50	14 57	1 10	19 23	0 58	22 23	1 6	2 35	0 47	1 7	1 38	26 33	8 34	11 53	12 28	6 20	6 20	2 18
S 9	2 24	5 9	4 11	10 45	0 28	3 50	0 48	14 42	1 11	19 23	0 58	22 23	1 6	2 36	0 47	1 8	1 38	26 33	8 34	11 51	12 27	6 18	6 21	2 17
M10	2 1	1 17	3 28	10 54	0 14	4 21	0 46	14 26	1 11	19 23	0 58	22 23	1 6	2 37	0 47	1 9	1 38	26 33	8 34	11 49	12 26	6 16	6 22	2 17
T 11	1 37	2n38	2 36	11 1	0 0	4 52	0 44	14 11	1 11	19 23	0 58	22 23	1 6	2 38	0 47	1 9	1 38	26 32	8 34	11 47	12 25	6 14	6 23	2 17
W12	1 14	6 30	1 37	11 5	0s13	5 22	0 42	13 55	1 11	19 23	0 58	22 23	1 6	2 39	0 47	1 10	1 38	26 32	8 34	11 46	12 24	6 12	6 25	2 17
T 13	0 50	10 8	0 32	11 7	0 26	5 53	0 40	13 39	1 11	19 23	0 58	22 23	1 6	2 40	0 47	1 11	1 38	26 32	8 35	11 45	12 23	6 10	6 26	2 17
F 14	0 26	13 22	0s35	11 7	0 38	6 23	0 37	13 23	1 12	19 23	0 58	22 23	1 6	2 41	0 47	1 12	1 38	26 32	8 35	11 45	12 22	6 8	6 27	2 17
S 15	0 3	16 3	1 41	11 5	0 49	6 54	0 35	13 7	1 12	19 23	0 58	22 23	1 6	2 42	0 47	1 13	1 38	26 32	8 35	11 45	12 21	6 6	6 29	2 17
S 16	0n21	18 1	2 44	11 1	1 0	7 24	0 33	12 50	1 12	19 22	0 58	22 23	1 6	2 43	0 47	1 14	1 38	26 32	8 35	11 46	12 20	6 4	6 30	2 17
M17	0 44	19 5	3 40	10 55	1 11	7 54	0 30	12 34	1 12	19 22	0 58	22 23	1 6	2 44	0 47	1 15	1 38	26 32	8 36	11 47	12 19	6 2	6 31	2 17
T 18	1 8	19 7	4 26	10 47	1 20	8 24	0 28	12 17	1 12	19 22	0 58	22 23	1 6	2 45	0 47	1 16	1 38	26 32	8 36	11 47	12 17	6 0	6 33	2 17
W19	1 32	18 4	4 58	10 37	1 30	8 54	0 26	12 1	1 12	19 22	0 59	22 23	1 6	2 46	0 47	1 17	1 38	26 32	8 36	11 47	12 16	5 58	6 34	2 17
T 20	1 55	15 54	5 13	10 25	1 38	9 23	0 23	11 44	1 13	19 21	0 59	22 23	1 6	2 47	0 47	1 18	1 38	26 32	8 36	11 46	12 15	5 56	6 35	2 17
F 21	2 18	12 43	5 10	10 12	1 46	9 52	0 21	11 27	1 13	19 21	0 59	22 23	1 6	2 48	0 47	1 18	1 38	26 31	8 37	11 45	12 14	5 54	6 37	2 16
S 22	2 42	8 40	4 46	9 57	1 54	10 21	0 18	11 10	1 13	19 20	0 59	22 23	1 6	2 49	0 47	1 19	1 38	26 31	8 37	11 44	12 13	5 52	6 38	2 16
S 23	3 5	4 1	4 2	9 39	2 1	10 50	0 15	10 53	1 13	19 20	0 59	22 23	1 6	2 50	0 47	1 20	1 38	26 31	8 37	11 43	12 12	5 50	6 39	2 16
M24	3 28	0s55	3 2	9 21	2 7	11 19	0 13	10 36	1 13	19 19	0 59	22 23	1 6	2 51	0 47	1 21	1 38	26 31	8 37	11 42	12 11	5 48	6 41	2 16
T 25	3 52	5 47	1 49	9 0	2 13	11 47	0 10	10 19	1 13	19 19	0 59	22 23	1 6	2 52	0 47	1 22	1 38	26 31	8 38	11 42	12 10	5 46	6 42	2 16
W26	4 15	10 14	0 29	8 38	2 18	12 15	0 8	10 2	1 13	19 18	0 59	22 23	1 7	2 53	0 47	1 23	1 38	26 31	8 38	11 41	12 9	5 44	6 43	2 16
T 27	4 38	13 58	0n50	8 15	2 22	12 43	0 5	9 44	1 13	19 17	0 59	22 23	1 7	2 54	0 47	1 24	1 38	26 31	8 38	11 41	12 8	5 42	6 45	2 16
F 28	5 1	16 46	2 5	7 49	2 26	13 10	0 2	9 27	1 13	19 17	0 59	22 23	1 7	2 55	0 47	1 25	1 38	26 31	8 38	11 42	12 6	5 40	6 46	2 16
S 29	5 24	18 31	3 10	7 23	2 30	13 37	0n 0	9 9	1 13	19 16	0 59	22 23	1 7	2 56	0 47	1 26	1 38	26 31	8 39	11 42	12 5	5 38	6 47	2 16
S 30	5 47	19 11	4 2	6 55	2 33	14 4	0 3	8 52	1 13	19 15	0 59	22 23	1 7	2 57	0 47	1 26	1 38	26 31	8 39	11 43	12 4	5 36	6 49	2 16
M31	6n 9	18s50	4n41	6s25	2s35	14n30	0n 6	8s34	1s13	19s14	0n59	22s23	1n 7	2n58	0n47	1n27	1s38	26s31	8s39	11s43	12s 3	5s34	6n50	2n16

Julian Day Number = 2103168.5, Delta T = 20m57s
Ecliptic obliquity = 23°33'39, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'41, Lahiri = 10°33'41 Julian Calendar 1 March 1046 == Greg. Calendar 7 March 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

APRIL 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 58 44	16♈31'50	15♉41	21♓13	9♉44	11♓53	29°R43	25°R36	24°R20	7♈28	8♒40	0°R32	1♏26	5♓37	12♈ 2	T 1
W 2	13 2 40	17°30'17	27°52	22°38	10°58	12°40	29♏39	25♐36	24♍18	7°30	8°41	0♏32	1°23	5°44	12° 5	W 2
T 3	13 6 37	18°28'43	9♒52	24° 4	12°11	13°26	29°35	25°36	24°16	7°32	8°42	0°31	1°20	5°51	12° 9	T 3
F 4	13 10 33	19°27'07	21°46	25°32	13°24	14°12	29°31	25°35	24°13	7°35	8°42	0°30	1°17	5°57	12°12	F 4
S 5	13 14 30	20°25'30	3♓36	27° 2	14°37	14°59	29°27	25°35	24°11	7°37	8°43	0°28	1°14	6° 4	12°16	S 5
S 6	13 18 27	21°23'51	15°27	28°34	15°50	15°45	29°22	25°34	24° 9	7°39	8°44	0°27	1°10	6°11	12°19	S 6
M 7	13 22 23	22°22'10	27°22	0♈ 8	17° 3	16°31	29°18	25°33	24° 7	7°41	8°45	0°26	1° 7	6°18	12°23	M 7
T 8	13 26 20	23°20'27	9♈23	1°43	18°16	17°17	29°13	25°33	24° 5	7°43	8°45	0°25	1° 4	6°24	12°26	T 8
W 9	13 30 16	24°18'43	21°33	3°21	19°29	18° 4	29° 8	25°32	24° 2	7°46	8°46	0°25	1° 1	6°31	12°30	W 9
T 10	13 34 13	25°16'57	3♉53	5° 0	20°42	18°50	29° 3	25°31	24° 0	7°48	8°47	0°D25	0°58	6°38	12°34	T 10
F 11	13 38 9	26°15'09	16°24	6°41	21°55	19°36	28°58	25°30	23°58	7°50	8°47	0°25	0°55	6°44	12°37	F 11
S 12	13 42 6	27°13'19	29° 8	8°24	23° 8	20°22	28°52	25°28	23°56	7°52	8°48	0°25	0°51	6°51	12°41	S 12
S 13	13 46 2	28°11'28	12♊ 6	10° 9	24°21	21° 8	28°47	25°27	23°54	7°54	8°48	0°25	0°48	6°58	12°44	S 13
M14	13 49 59	29° 9'34	25°19	11°55	25°33	21°54	28°41	25°26	23°52	7°56	8°49	0°25	0°45	7° 4	12°47	M14
T 15	13 53 56	0♋ 7'39	8♋46	13°43	26°46	22°40	28°35	25°24	23°50	7°59	8°49	0°R26	0°42	7°11	12°51	T 15
W16	13 57 52	1° 5'42	22°30	15°34	27°59	23°26	28°29	25°23	23°48	8° 1	8°50	0°26	0°39	7°18	12°54	W16
T 17	14 1 49	2° 3'42	6♌29	17°26	29°11	24°12	28°23	25°21	23°47	8° 3	8°50	0°D26	0°35	7°24	12°58	T 17
F 18	14 5 45	3° 1'41	20°42	19°19	0♊24	24°58	28°17	25°19	23°45	8° 5	8°51	0°26	0°32	7°31	13° 1	F 18
S 19	14 9 42	3°59'37	5♍ 7	21°15	1°36	25°44	28°11	25°17	23°43	8° 7	8°51	0°26	0°29	7°38	13° 5	S 19
S 20	14 13 38	4°57'32	19°42	23°13	2°49	26°30	28° 5	25°15	23°41	8° 9	8°52	0°26	0°26	7°45	13° 8	S 20
M21	14 17 35	5°55'25	4♎20	25°12	4° 1	27°15	27°58	25°13	23°39	8°11	8°52	0°27	0°23	7°51	13°11	M21
T 22	14 21 31	6°53'16	18°57	27°13	5°14	28° 1	27°52	25°11	23°38	8°13	8°52	0°27	0°20	7°58	13°15	T 22
W23	14 25 28	7°51'06	3♏25	29°15	6°26	28°47	27°45	25° 9	23°36	8°15	8°53	0°R27	0°16	8° 5	13°18	W23
T 24	14 29 25	8°48'54	17°40	1♉20	7°38	29°32	27°38	25° 7	23°35	8°17	8°53	0°27	0°13	8°11	13°21	T 24
F 25	14 33 21	9°46'41	1♐37	3°25	8°51	0♈18	27°31	25° 4	23°33	8°19	8°53	0°26	0°10	8°18	13°25	F 25
S 26	14 37 18	10°44'26	15°12	5°33	10° 3	1° 3	27°24	25° 2	23°32	8°21	8°53	0°25	0° 7	8°25	13°28	S 26
S 27	14 41 14	11°42'10	28°25	7°41	11°15	1°49	27°17	24°59	23°30	8°23	8°54	0°24	0° 4	8°31	13°31	S 27
M28	14 45 11	12°39'53	11♑16	9°50	12°27	2°34	27°10	24°57	23°29	8°25	8°54	0°22	0° 1	8°38	13°35	M28
T 29	14 49 7	13°37'35	23°46	12° 1	13°39	3°20	27° 3	24°54	23°27	8°27	8°54	0°21	29♎57	8°45	13°38	T 29
W30	14 53 4	14♉35'16	6♒ 1	14♉12	14♊51	4♈ 5	26♏56	24♐51	23♍26	8♈29	8♒54	0♏20	29♎54	8♓52	13♈41	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n32	17s34	5n 6	5s54	2s37	14n56	0n 8	8s16	1s14	19s14	0n59	22s23	1n 7	2n58	0n47	1n28	1s38	26s31	8s39	11s43	12s 2	5s32	6n52	2n16
W 2	6 54	15 32	5 16	5 22	2 38	15 22	0 11	7 58	1 14	19 13	0 59	22 23	1 7	2 59	0 47	1 29	1 38	26 31	8 40	11 43	12 1	5 30	6 53	2 16
T 3	7 17	12 51	5 12	4 48	2 39	15 47	0 14	7 41	1 14	19 12	0 59	22 22	1 7	3 0	0 47	1 30	1 38	26 31	8 40	11 43	12 0	5 28	6 54	2 16
F 4	7 39	9 40	4 55	4 13	2 39	16 12	0 17	7 23	1 14	19 11	0 59	22 22	1 7	3 1	0 47	1 31	1 38	26 31	8 40	11 42	11 59	5 26	6 56	2 16
S 5	8 1	6 7	4 25	3 36	2 39	16 37	0 19	7 5	1 14	19 10	0 59	22 22	1 7	3 2	0 47	1 32	1 39	26 31	8 41	11 42	11 58	5 24	6 57	2 16
S 6	8 23	2 19	3 44	2 59	2 38	17 1	0 22	6 47	1 14	19 9	0 59	22 22	1 7	3 3	0 47	1 33	1 39	26 32	8 41	11 41	11 56	5 22	6 58	2 16
M 7	8 45	1n35	2 53	2 20	2 36	17 25	0 25	6 29	1 14	19 8	0 59	22 22	1 7	3 4	0 47	1 33	1 39	26 32	8 41	11 41	11 55	5 20	7 0	2 16
T 8	9 7	5 29	1 54	1 40	2 34	17 48	0 28	6 10	1 14	19 7	0 59	22 22	1 7	3 5	0 47	1 34	1 39	26 32	8 41	11 41	11 54	5 18	7 1	2 15
W 9	9 28	9 12	0 49	0 59	2 31	18 11	0 30	5 52	1 14	19 6	0 59	22 22	1 7	3 5	0 47	1 35	1 39	26 32	8 42	11 40	11 53	5 16	7 2	2 15
T 10	9 50	12 34	0s19	0 16	2 28	18 33	0 33	5 34	1 14	19 5	1 0	22 22	1 7	3 6	0 47	1 36	1 39	26 32	8 42	11 40	11 52	5 14	7 4	2 15
F 11	10 11	15 26	1 28	0n27	2 25	18 55	0 36	5 16	1 13	19 4	1 0	22 22	1 7	3 7	0 46	1 37	1 39	26 32	8 42	11 40	11 51	5 12	7 5	2 15
S 12	10 32	17 35	2 33	1 12	2 20	19 16	0 38	4 58	1 13	19 2	1 0	22 22	1 7	3 8	0 46	1 38	1 39	26 32	8 43	11 41	11 50	5 10	7 6	2 15
S 13	10 53	18 52	3 31	1 58	2 16	19 37	0 41	4 39	1 13	19 1	1 0	22 22	1 7	3 9	0 46	1 39	1 39	26 32	8 43	11 41	11 49	5 8	7 8	2 15
M14	11 14	19 9	4 20	2 44	2 10	19 57	0 44	4 21	1 13	19 0	1 0	22 22	1 7	3 9	0 46	1 39	1 39	26 32	8 43	11 41	11 48	5 6	7 9	2 15
T 15	11 34	18 22	4 55	3 32	2 5	20 17	0 46	4 3	1 13	18 59	1 0	22 22	1 7	3 10	0 46	1 40	1 39	26 32	8 43	11 41	11 46	5 4	7 10	2 15
W16	11 55	16 30	5 14	4 20	1 58	20 36	0 49	3 44	1 13	18 57	1 0	22 22	1 7	3 11	0 46	1 41	1 39	26 33	8 44	11 41	11 45	5 2	7 12	2 15
T 17	12 15	13 39	5 16	5 9	1 52	20 55	0 52	3 26	1 13	18 56	1 0	22 22	1 7	3 12	0 46	1 42	1 39	26 33	8 44	11 41	11 44	5 0	7 13	2 15
F 18	12 35	9 57	4 58	6 0	1 44	21 13	0 54	3 8	1 13	18 55	1 0	22 22	1 7	3 12	0 46	1 43	1 39	26 33	8 44	11 41	11 43	4 58	7 14	2 15
S 19	12 55	5 38	4 21	6 50	1 37	21 31	0 57	2 49	1 13	18 53	0 59	22 21	1 7	3 13	0 46	1 43	1 39	26 33	8 45	11 41	11 42	4 56	7 16	2 15
S 20	13 14	0 55	3 27	7 42	1 29	21 48	1 0	2 31	1 13	18 52	0 59	22 21	1 7	3 14	0 46	1 44	1 39	26 33	8 45	11 41	11 41	4 54	7 17	2 15
M21	13 34	3s52	2 20	8 33	1 20	22 5	1 2	2 12	1 13	18 51	0 59	22 21	1 7	3 14	0 46	1 45	1 39	26 33	8 45	11 41	11 40	4 52	7 18	2 15
T 22	13 53	8 26	1 3	9 26	1 11	22 20	1 5	1 54	1 12	18 49	0 59	22 21	1 7	3 15	0 46	1 46	1 39	26 34	8 45	11 41	11 39	4 50	7 20	2 15
W23	14 12	12 28	0n16	10 18	1 2	22 36	1 7	1 36	1 12	18 48	0 59	22 21	1 7	3 15	0 46	1 47	1 39	26 34	8 46	11 41	11 38	4 48	7 21	2 15
T 24	14 31	15 41	1 34	11 11	0 52	22 50	1 10	1 17	1 12	18 46	0 59	22 21	1 7	3 16	0 46	1 47	1 39	26 34	8 46	11 41	11 36	4 46	7 22	2 15
F 25	14 49	17 54	2 44	12 4	0 42	23 4	1 12	0 59	1 12	18 45	0 59	22 21	1 7	3 17	0 46	1 48	1 39	26 34	8 46	11 41	11 35	4 44	7 24	2 15
S 26	15 7	19 2	3 43	12 56	0 32	23 18	1 14	0 41	1 12	18 43	0 59	22 21	1 7	3 17	0 46	1 49	1 39	26 34	8 47	11 41	11 34	4 43	7 25	2 15
S 27	15 25	19 4	4 29	13 48	0 22	23 30	1 17	0 22	1 12	18 42	0 59	22 21	1 7	3 18	0 46	1 50	1 39	26 35	8 47	11 40	11 33	4 41	7 26	2 15
M28	15 43	18 7	4 59	14 40	0 11	23 42	1 19	0 4	1 12	18 40	0 59	22 21	1 7	3 18	0 46	1 50	1 39	26 35	8 47	11 40	11 32	4 39	7 27	2 15
T 29	16 1	16 18	5 14	15 31	0 0	23 54	1 21	0n14	1 11	18 38	0 59	22 20	1 7	3 19	0 46	1 51	1 39	26 35	8 48	11 39	11 31	4 37	7 29	2 15
W30	16n18	13s47	5n15	16n20	0n10	24n 5	1n23	0n33	1s11	18s37	0n59	22s20	1n 7	3n19	0n46	1n52	1s39	26s35	8s48	11s39	11s30	4s35	7n30	2n15

Julian Day Number = 2103199.5, Delta T = 20m57s
Ecliptic obliquity = 23°33'39, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'45, Lahiri = 10°33'45 Julian Calendar 1 Apr. 1046 == Greg. Calendar 7 Apr. 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

MAY 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 57 0	15♉32'55	18♒ 3	16♉23	16♊ 3	4♈50	26°R48	24°R48	23°R25	8♈31	8♒54	0°D20	29♎51	8♓58	13♈44	T 1
F 2	15 0 57	16°30'33	29°57	18°34	17°15	5°36	26♏41	24♐46	23♍23	8°33	8°54	0♏20	29°48	9° 5	13°47	F 2
S 3	15 4 54	17°28'11	11♓48	20°46	18°27	6°21	26°34	24°43	23°22	8°35	8°54	0°21	29°45	9°12	13°50	S 3
S 4	15 8 50	18°25'47	23°40	22°57	19°38	7° 6	26°26	24°40	23°21	8°37	8°R54	0°23	29°41	9°18	13°54	S 4
M 5	15 12 47	19°23'22	5♈38	25° 7	20°50	7°51	26°19	24°36	23°20	8°38	8°54	0°24	29°38	9°25	13°57	M 5
T 6	15 16 43	20°20'57	17°45	27°16	22° 2	8°36	26°11	24°33	23°19	8°40	8°54	0°25	29°35	9°32	14° 0	T 6
W 7	15 20 40	21°18'30	0♉ 5	29°25	23°13	9°21	26° 3	24°30	23°18	8°42	8°54	0°R26	29°32	9°38	14° 3	W 7
T 8	15 24 36	22°16'02	12°40	1♊31	24°25	10° 6	25°56	24°27	23°17	8°44	8°54	0°25	29°29	9°45	14° 6	T 8
F 9	15 28 33	23°13'33	25°30	3°36	25°36	10°51	25°48	24°23	23°16	8°46	8°54	0°24	29°26	9°52	14° 9	F 9
S 10	15 32 29	24°11'04	8♊37	5°40	26°48	11°36	25°41	24°20	23°15	8°47	8°54	0°21	29°22	9°58	14°12	S 10
S 11	15 36 26	25° 8'33	21°59	7°41	27°59	12°21	25°33	24°16	23°14	8°49	8°54	0°18	29°19	10° 5	14°14	S 11
M12	15 40 22	26° 6'00	5♋34	9°40	29°11	13° 6	25°25	24°13	23°14	8°51	8°54	0°14	29°16	10°12	14°17	M12
T 13	15 44 19	27° 3'27	19°22	11°36	0♋22	13°51	25°18	24° 9	23°13	8°52	8°53	0°11	29°13	10°18	14°20	T 13
W14	15 48 16	28° 0'53	3♌19	13°31	1°33	14°35	25°10	24° 5	23°12	8°54	8°53	0° 8	29°10	10°25	14°23	W14
T 15	15 52 12	28°58'17	17°24	15°23	2°44	15°20	25° 2	24° 2	23°12	8°56	8°53	0° 6	29° 7	10°32	14°26	T 15
F 16	15 56 9	29°55'40	1♍33	17°12	3°55	16° 4	24°55	23°58	23°11	8°57	8°53	0°D 6	29° 3	10°39	14°28	F 16
S 17	16 0 5	0♊53'01	15°47	18°59	5° 7	16°49	24°47	23°54	23°11	8°59	8°52	0° 6	29° 0	10°45	14°31	S 17
S 18	16 4 2	1°50'22	0♎ 1	20°43	6°17	17°33	24°40	23°50	23°10	9° 0	8°52	0° 7	28°57	10°52	14°34	S 18
M19	16 7 58	2°47'41	14°14	22°25	7°28	18°18	24°32	23°46	23°10	9° 2	8°52	0° 9	28°54	10°59	14°37	M19
T 20	16 11 55	3°44'59	28°24	24° 3	8°39	19° 2	24°25	23°42	23°10	9° 3	8°51	0°R10	28°51	11° 5	14°39	T 20
W21	16 15 51	4°42'17	12♏26	25°40	9°50	19°46	24°17	23°38	23° 9	9° 5	8°51	0° 9	28°47	11°12	14°42	W21
T 22	16 19 48	5°39'33	26°19	27°13	11° 1	20°30	24°10	23°34	23° 9	9° 6	8°50	0° 7	28°44	11°19	14°44	T 22
F 23	16 23 45	6°36'49	9♐58	28°44	12°11	21°14	24° 3	23°30	23° 9	9° 8	8°50	0° 3	28°41	11°25	14°47	F 23
S 24	16 27 41	7°34'04	23°21	0♋12	13°22	21°59	23°55	23°26	23° 9	9° 9	8°49	29♎58	28°38	11°32	14°49	S 24
S 25	16 31 38	8°31'19	6♑26	1°37	14°32	22°43	23°48	23°22	23° 9	9°10	8°49	29°51	28°35	11°39	14°52	S 25
M26	16 35 34	9°28'33	19°13	3° 0	15°43	23°27	23°41	23°18	23°D 9	9°12	8°48	29°45	28°32	11°45	14°54	M26
T 27	16 39 31	10°25'47	1♒43	4°19	16°53	24°10	23°34	23°13	23° 9	9°13	8°48	29°39	28°28	11°52	14°56	T 27
W28	16 43 27	11°23'00	13°57	5°36	18° 3	24°54	23°27	23° 9	23° 9	9°14	8°47	29°34	28°25	11°59	14°59	W28
T 29	16 47 24	12°20'13	25°59	6°50	19°13	25°38	23°20	23° 5	23° 9	9°16	8°47	29°31	28°22	12° 6	15° 1	T 29
F 30	16 51 21	13°17'26	7♓53	8° 0	20°23	26°22	23°13	23° 1	23° 9	9°17	8°46	29°29	28°19	12°12	15° 3	F 30
S 31	16 55 17	14♊14'39	19♓44	9♋ 8	21♋33	27♈ 5	23♏ 6	22♐56	23♍ 9	9♈18	8♒45	29°D29	28♎16	12♓19	15♈ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n35	10s43	5n 2	17n 9	0n21	24n15	1n26	0n51	1s11	18s35	0n59	22s20	1n 7	3n20	0n46	1n53	1s39	26s36	8s48	11s39	11s29	4s33	7n31	2n15
F 2	16 51	7 15	4 35	17 56	0 31	24 24	1 28	1 9	1 11	18 33	0 59	22 20	1 7	3 20	0 46	1 53	1 39	26 36	8 48	11 39	11 27	4 31	7 32	2 15
S 3	17 8	3 31	3 57	18 42	0 41	24 33	1 30	1 27	1 10	18 32	0 59	22 20	1 7	3 21	0 46	1 54	1 39	26 36	8 49	11 39	11 26	4 29	7 34	2 15
S 4	17 24	0n22	3 9	19 25	0 51	24 41	1 32	1 46	1 10	18 30	0 59	22 20	1 7	3 21	0 46	1 55	1 39	26 36	8 49	11 40	11 25	4 27	7 35	2 15
M 5	17 40	4 17	2 13	20 7	1 0	24 48	1 34	2 4	1 10	18 28	0 59	22 20	1 7	3 22	0 46	1 55	1 39	26 37	8 49	11 40	11 24	4 25	7 36	2 15
T 6	17 55	8 4	1 9	20 47	1 9	24 55	1 36	2 22	1 10	18 27	0 59	22 20	1 7	3 22	0 46	1 56	1 39	26 37	8 50	11 41	11 23	4 23	7 37	2 15
W 7	18 11	11 35	0 2	21 24	1 18	25 1	1 38	2 40	1 10	18 25	0 59	22 20	1 7	3 22	0 46	1 57	1 39	26 37	8 50	11 41	11 22	4 21	7 38	2 15
T 8	18 26	14 39	1s 7	21 58	1 26	25 6	1 39	2 58	1 9	18 23	0 58	22 19	1 7	3 23	0 46	1 57	1 39	26 38	8 50	11 41	11 21	4 19	7 40	2 15
F 9	18 40	17 4	2 14	22 31	1 34	25 10	1 41	3 16	1 9	18 22	0 58	22 19	1 7	3 23	0 46	1 58	1 40	26 38	8 50	11 40	11 20	4 17	7 41	2 15
S 10	18 55	18 39	3 15	23 0	1 40	25 14	1 43	3 34	1 9	18 20	0 58	22 19	1 7	3 23	0 45	1 59	1 40	26 38	8 51	11 39	11 18	4 15	7 42	2 15
S 11	19 9	19 13	4 6	23 27	1 46	25 17	1 44	3 51	1 8	18 18	0 58	22 19	1 7	3 23	0 45	1 59	1 40	26 39	8 51	11 38	11 17	4 13	7 43	2 15
M12	19 23	18 42	4 45	23 51	1 52	25 19	1 46	4 9	1 8	18 17	0 58	22 19	1 7	3 24	0 45	2 0	1 40	26 39	8 51	11 37	11 16	4 11	7 44	2 15
T 13	19 36	17 4	5 8	24 13	1 57	25 21	1 47	4 27	1 8	18 15	0 58	22 19	1 7	3 24	0 45	2 0	1 40	26 39	8 52	11 35	11 15	4 9	7 45	2 15
W14	19 49	14 26	5 13	24 32	2 1	25 22	1 49	4 44	1 7	18 13	0 58	22 19	1 7	3 24	0 45	2 1	1 40	26 40	8 52	11 34	11 14	4 7	7 46	2 15
T 15	20 2	10 57	4 59	24 48	2 4	25 22	1 50	5 2	1 7	18 11	0 58	22 19	1 7	3 24	0 45	2 2	1 40	26 40	8 52	11 34	11 13	4 5	7 48	2 15
F 16	20 14	6 48	4 28	25 2	2 6	25 22	1 51	5 20	1 7	18 10	0 58	22 18	1 7	3 25	0 45	2 2	1 40	26 40	8 53	11 34	11 12	4 3	7 49	2 15
S 17	20 26	2 16	3 39	25 14	2 8	25 20	1 53	5 37	1 7	18 8	0 57	22 18	1 7	3 25	0 45	2 3	1 40	26 41	8 53	11 34	11 10	4 1	7 50	2 15
S 18	20 38	2s25	2 37	25 23	2 9	25 18	1 54	5 54	1 6	18 6	0 57	22 18	1 7	3 25	0 45	2 3	1 40	26 41	8 53	11 34	11 9	3 59	7 51	2 15
M19	20 49	6 58	1 26	25 29	2 9	25 16	1 55	6 12	1 6	18 5	0 57	22 18	1 7	3 25	0 45	2 4	1 40	26 41	8 53	11 35	11 8	3 57	7 52	2 15
T 20	21 0	11 7	0 10	25 34	2 9	25 12	1 56	6 29	1 5	18 3	0 57	22 18	1 7	3 25	0 45	2 5	1 40	26 42	8 54	11 35	11 7	3 55	7 53	2 15
W21	21 11	14 36	1n 7	25 37	2 7	25 8	1 57	6 46	1 5	18 1	0 57	22 18	1 7	3 25	0 45	2 5	1 40	26 42	8 54	11 35	11 6	3 53	7 54	2 15
T 22	21 21	17 12	2 18	25 37	2 5	25 3	1 58	7 3	1 5	18 0	0 57	22 17	1 7	3 25	0 45	2 6	1 40	26 43	8 54	11 34	11 5	3 51	7 55	2 16
F 23	21 31	18 46	3 20	25 36	2 3	24 58	1 58	7 20	1 4	17 58	0 57	22 17	1 7	3 25	0 45	2 6	1 40	26 43	8 54	11 33	11 4	3 49	7 56	2 16
S 24	21 41	19 14	4 9	25 33	1 59	24 51	1 59	7 37	1 4	17 56	0 56	22 17	1 7	3 25	0 45	2 7	1 40	26 43	8 55	11 31	11 3	3 47	7 57	2 16
S 25	21 50	18 40	4 45	25 28	1 55	24 45	1 59	7 54	1 4	17 55	0 56	22 17	1 7	3 25	0 45	2 7	1 40	26 44	8 55	11 29	11 1	3 45	7 58	2 16
M26	21 59	17 9	5 5	25 21	1 50	24 37	2 0	8 10	1 3	17 53	0 56	22 17	1 7	3 25	0 45	2 8	1 40	26 44	8 55	11 26	11 0	3 43	7 59	2 16
T 27	22 7	14 51	5 10	25 14	1 44	24 29	2 0	8 27	1 3	17 51	0 56	22 17	1 7	3 25	0 45	2 8	1 40	26 45	8 56	11 24	10 59	3 41	8 0	2 16
W28	22 16	11 56	5 0	25 4	1 38	24 20	2 1	8 43	1 2	17 50	0 56	22 17	1 7	3 25	0 45	2 8	1 40	26 45	8 56	11 23	10 58	3 39	8 1	2 16
T 29	22 23	8 34	4 38	24 54	1 31	24 10	2 1	9 0	1 2	17 48	0 56	22 16	1 6	3 25	0 45	2 9	1 41	26 45	8 56	11 21	10 57	3 37	8 2	2 16
F 30	22 31	4 54	4 3	24 42	1 23	24 0	2 1	9 16	1 1	17 47	0 55	22 16	1 6	3 25	0 45	2 9	1 41	26 46	8 56	11 21	10 56	3 35	8 3	2 16
S 31	22n38	1s 3	3n19	24n29	1n15	23n49	2n 1	9n32	1s 1	17s45	0n55	22s16	1n 6	3n25	0n45	2n10	1s41	26s46	8s57	11s21	10s55	3s33	8n 4	2n16

Julian Day Number = 2103229.5, Delta T = 20m56s
Ecliptic obliquity = 23°33'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'49, Lahiri = 10°33'49 Julian Calendar 1 May 1046 == Greg. Calendar 7 May 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

JUNE 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 59 14	15♊11'51	1♈37	10♋13	22♋43	27♈49	23°R 0	22°R52	23♍10	9♈19	8°R45	29♎30	28♎13	12♓26	15♈ 8	S 1
M 2	17 3 10	16° 9'03	13°36	11°14	23°53	28°32	22♏53	22♐48	23°10	9°20	8♒44	29°32	28° 9	12°32	15°10	M 2
T 3	17 7 7	17° 6'15	25°48	12°12	25° 3	29°16	22°47	22°43	23°10	9°21	8°43	29°R33	28° 6	12°39	15°12	T 3
W 4	17 11 3	18° 3'28	8♉15	13° 7	26°13	29°59	22°40	22°39	23°11	9°22	8°43	29°32	28° 3	12°46	15°14	W 4
T 5	17 15 0	19° 0'40	21° 1	13°58	27°22	0♉43	22°34	22°34	23°11	9°24	8°42	29°30	28° 0	12°52	15°16	T 5
F 6	17 18 56	19°57'51	4♊ 8	14°46	28°32	1°26	22°28	22°30	23°12	9°25	8°41	29°26	27°57	12°59	15°18	F 6
S 7	17 22 53	20°55'03	17°35	15°30	29°41	2° 9	22°22	22°26	23°12	9°26	8°40	29°20	27°53	13° 6	15°20	S 7
S 8	17 26 50	21°52'15	1♋22	16°10	0♌50	2°52	22°16	22°21	23°13	9°27	8°39	29°12	27°50	13°12	15°21	S 8
M 9	17 30 46	22°49'26	15°25	16°47	2° 0	3°35	22°11	22°17	23°14	9°27	8°39	29° 3	27°47	13°19	15°23	M 9
T 10	17 34 43	23°46'38	29°38	17°19	3° 9	4°18	22° 5	22°12	23°15	9°28	8°38	28°55	27°44	13°26	15°25	T 10
W11	17 38 39	24°43'48	13♌58	17°47	4°18	5° 1	22° 0	22° 8	23°15	9°29	8°37	28°48	27°41	13°32	15°27	W11
T 12	17 42 36	25°40'59	28°18	18°11	5°27	5°44	21°54	22° 4	23°16	9°30	8°36	28°43	27°38	13°39	15°28	T 12
F 13	17 46 32	26°38'09	12♍36	18°30	6°36	6°26	21°49	21°59	23°17	9°31	8°35	28°40	27°34	13°46	15°30	F 13
S 14	17 50 29	27°35'19	26°47	18°45	7°44	7° 9	21°44	21°55	23°18	9°32	8°34	28°D39	27°31	13°52	15°32	S 14
S 15	17 54 25	28°32'28	10♎51	18°55	8°53	7°52	21°39	21°50	23°19	9°32	8°33	28°40	27°28	13°59	15°33	S 15
M16	17 58 22	29°29'38	24°47	19° 1	10° 1	8°34	21°35	21°46	23°20	9°33	8°32	28°R40	27°25	14° 6	15°35	M16
T 17	18 2 19	0♋26'47	8♏34	19°R 2	11°10	9°17	21°30	21°42	23°21	9°34	8°31	28°40	27°22	14°13	15°36	T 17
W18	18 6 15	1°23'56	22°12	18°58	12°18	9°59	21°26	21°37	23°23	9°35	8°30	28°38	27°18	14°19	15°37	W18
T 19	18 10 12	2°21'05	5♐40	18°50	13°26	10°41	21°21	21°33	23°24	9°35	8°29	28°33	27°15	14°26	15°39	T 19
F 20	18 14 8	3°18'14	18°56	18°37	14°34	11°23	21°17	21°29	23°25	9°36	8°28	28°26	27°12	14°33	15°40	F 20
S 21	18 18 5	4°15'23	2♑ 1	18°19	15°42	12° 6	21°13	21°25	23°26	9°36	8°27	28°16	27° 9	14°39	15°41	S 21
S 22	18 22 1	5°12'33	14°51	17°57	16°50	12°48	21°10	21°20	23°28	9°37	8°26	28° 5	27° 6	14°46	15°42	S 22
M23	18 25 58	6° 9'43	27°28	17°31	17°57	13°30	21° 6	21°16	23°29	9°37	8°25	27°54	27° 3	14°53	15°44	M23
T 24	18 29 54	7° 6'53	9♒50	17° 2	19° 5	14°12	21° 3	21°12	23°31	9°38	8°24	27°43	26°59	14°59	15°45	T 24
W25	18 33 51	8° 4'04	22° 0	16°29	20°12	14°53	20°59	21° 8	23°32	9°38	8°23	27°33	26°56	15° 6	15°46	W25
T 26	18 37 48	9° 1'15	3♓59	15°53	21°19	15°35	20°56	21° 4	23°34	9°39	8°22	27°26	26°53	15°13	15°47	T 26
F 27	18 41 44	9°58'27	15°51	15°15	22°27	16°17	20°53	21° 0	23°35	9°39	8°21	27°21	26°50	15°19	15°48	F 27
S 28	18 45 41	10°55'40	27°41	14°36	23°33	16°58	20°51	20°56	23°37	9°39	8°20	27°19	26°47	15°26	15°48	S 28
S 29	18 49 37	11°52'53	9♈33	13°55	24°40	17°40	20°48	20°52	23°39	9°40	8°18	27°D18	26°44	15°33	15°49	S 29
M30	18 53 34	12♋50'08	21♈31	13♋14	25♌47	18♉21	20♏46	20♐48	23♍41	9♈40	8♒17	27°R18	26♎40	15♓39	15♈50	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n44	2n52	2n25	24n16	1n 6	23n37	2n 1	9n49	1s 1	17s44	0n55	22s16	1n 6	3n25	0n45	2n10	1s41	26s47	8s57	11s21	10s53	3s31	8n 4	2n16
M 2	22 50	6 42	1 25	24 1	0 56	23 25	2 1	10 5	1 0	17 42	0 55	22 16	1 6	3 24	0 45	2 11	1 41	26 47	8 57	11 22	10 52	3 29	8 5	2 16
T 3	22 56	10 20	0 20	23 46	0 46	23 12	2 1	10 20	1 0	17 41	0 55	22 15	1 6	3 24	0 44	2 11	1 41	26 48	8 57	11 22	10 51	3 27	8 6	2 16
W 4	23 1	13 35	0s47	23 30	0 35	22 59	2 0	10 36	0 59	17 39	0 54	22 15	1 6	3 24	0 44	2 11	1 41	26 48	8 58	11 22	10 50	3 25	8 7	2 16
T 5	23 6	16 17	1 53	23 13	0 24	22 45	2 0	10 52	0 59	17 38	0 54	22 15	1 6	3 24	0 44	2 12	1 41	26 48	8 58	11 21	10 49	3 23	8 8	2 16
F 6	23 11	18 13	2 55	22 56	0 12	22 30	1 59	11 7	0 58	17 37	0 54	22 15	1 6	3 24	0 44	2 12	1 41	26 49	8 58	11 20	10 48	3 21	8 9	2 16
S 7	23 15	19 11	3 49	22 39	0s 0	22 15	1 59	11 23	0 58	17 35	0 54	22 15	1 6	3 23	0 44	2 12	1 41	26 49	8 58	11 17	10 47	3 19	8 9	2 16
S 8	23 19	19 2	4 31	22 21	0 13	21 59	1 58	11 38	0 57	17 34	0 54	22 15	1 6	3 23	0 44	2 13	1 41	26 50	8 59	11 15	10 45	3 17	8 10	2 16
M 9	23 22	17 45	4 57	22 3	0 27	21 43	1 57	11 53	0 57	17 33	0 53	22 14	1 6	3 23	0 44	2 13	1 41	26 50	8 59	11 12	10 44	3 15	8 11	2 16
T 10	23 25	15 21	5 6	21 46	0 41	21 26	1 56	12 8	0 56	17 32	0 53	22 14	1 6	3 22	0 44	2 13	1 41	26 51	8 59	11 9	10 43	3 13	8 12	2 16
W11	23 27	12 0	4 55	21 28	0 55	21 9	1 55	12 23	0 56	17 30	0 53	22 14	1 6	3 22	0 44	2 14	1 41	26 51	8 59	11 6	10 42	3 11	8 12	2 16
T 12	23 29	7 57	4 26	21 10	1 10	20 51	1 54	12 38	0 55	17 29	0 53	22 14	1 5	3 22	0 44	2 14	1 41	26 52	9 0	11 4	10 41	3 9	8 13	2 16
F 13	23 31	3 28	3 41	20 53	1 24	20 32	1 53	12 53	0 54	17 28	0 53	22 14	1 5	3 21	0 44	2 14	1 41	26 52	9 0	11 3	10 40	3 8	8 14	2 17
S 14	23 32	1s12	2 42	20 36	1 40	20 13	1 51	13 7	0 54	17 27	0 52	22 14	1 5	3 21	0 44	2 14	1 41	26 53	9 0	11 3	10 39	3 6	8 14	2 17
S 15	23 33	5 45	1 34	20 19	1 55	19 54	1 50	13 22	0 53	17 26	0 52	22 13	1 5	3 20	0 44	2 15	1 41	26 53	9 0	11 3	10 37	3 4	8 15	2 17
M16	23 34	9 58	0 21	20 3	2 10	19 34	1 48	13 36	0 53	17 25	0 52	22 13	1 5	3 20	0 44	2 15	1 42	26 53	9 0	11 3	10 36	3 2	8 16	2 17
T 17	23 34	13 36	0n53	19 48	2 26	19 13	1 47	13 50	0 52	17 24	0 52	22 13	1 5	3 19	0 44	2 15	1 42	26 54	9 1	11 3	10 35	3 0	8 16	2 17
W18	23 33	16 27	2 2	19 33	2 41	18 52	1 45	14 4	0 52	17 23	0 51	22 13	1 5	3 19	0 44	2 15	1 42	26 54	9 1	11 3	10 34	2 58	8 17	2 17
T 19	23 32	18 21	3 4	19 19	2 56	18 31	1 43	14 18	0 51	17 22	0 51	22 13	1 5	3 18	0 44	2 16	1 42	26 55	9 1	11 1	10 33	2 56	8 17	2 17
F 20	23 31	19 12	3 54	19 7	3 11	18 9	1 41	14 32	0 50	17 21	0 51	22 13	1 5	3 18	0 44	2 16	1 42	26 55	9 1	10 58	10 32	2 54	8 18	2 17
S 21	23 29	19 1	4 32	18 55	3 25	17 47	1 39	14 45	0 50	17 20	0 51	22 12	1 5	3 17	0 44	2 16	1 42	26 56	9 1	10 55	10 31	2 52	8 19	2 17
S 22	23 27	17 51	4 54	18 44	3 39	17 25	1 37	14 59	0 49	17 20	0 51	22 12	1 4	3 17	0 44	2 16	1 42	26 56	9 2	10 51	10 29	2 50	8 19	2 17
M23	23 25	15 50	5 2	18 35	3 51	17 2	1 35	15 12	0 49	17 19	0 50	22 12	1 4	3 16	0 44	2 16	1 42	26 57	9 2	10 47	10 28	2 48	8 20	2 17
T 24	23 22	13 7	4 56	18 27	4 3	16 38	1 32	15 25	0 48	17 18	0 50	22 12	1 4	3 15	0 44	2 16	1 42	26 57	9 2	10 43	10 27	2 46	8 20	2 17
W25	23 19	9 54	4 36	18 20	4 14	16 14	1 30	15 38	0 47	17 18	0 50	22 12	1 4	3 15	0 44	2 16	1 42	26 58	9 2	10 39	10 26	2 44	8 20	2 17
T 26	23 15	6 19	4 4	18 14	4 24	15 50	1 27	15 51	0 47	17 17	0 50	22 12	1 4	3 14	0 43	2 17	1 42	26 58	9 2	10 37	10 25	2 42	8 21	2 17
F 27	23 11	2 31	3 21	18 10	4 32	15 26	1 24	16 3	0 46	17 17	0 49	22 11	1 4	3 13	0 43	2 17	1 42	26 59	9 3	10 35	10 24	2 40	8 21	2 17
S 28	23 6	1n22	2 30	18 8	4 39	15 1	1 21	16 16	0 45	17 16	0 49	22 11	1 4	3 13	0 43	2 17	1 42	26 59	9 3	10 34	10 23	2 38	8 22	2 17
S 29	23 2	5 13	1 33	18 7	4 45	14 36	1 18	16 28	0 45	17 16	0 49	22 11	1 4	3 12	0 43	2 17	1 42	27 0	9 3	10 34	10 21	2 36	8 22	2 17
M30	22n56	8n54	0n31	18n 7	4s48	14n10	1n15	16n40	0s44	17s15	0n49	22s11	1n 4	3n11	0n43	2n17	1s42	27s 0	9s 3	10s34	10s20	2s34	8n22	2n18

Julian Day Number = 2103260.5, Delta T = 20m56s
Ecliptic obliquity = 23°33'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'53, Lahiri = 10°33'54 Julian Calendar 1 June 1046 == Greg. Calendar 7 June 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

JULY 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 57 30	13♋47'23	3♉43	12°R33	26♌53	19♉ 3	20°R43	20°R44	23♍42	9♈40	8°R16	27°R18	26♎37	15♓46	15♈51	T 1
W 2	19 1 27	14°44'39	16°12	11♋54	28° 0	19°44	20♏41	20♐40	23°44	9°40	8♒15	27♎17	26°34	15°53	15°52	W 2
T 3	19 5 23	15°41'55	29° 4	11°16	29° 6	20°25	20°40	20°36	23°46	9°41	8°14	27°13	26°31	15°59	15°52	T 3
F 4	19 9 20	16°39'13	12♊20	10°41	0♍12	21° 6	20°38	20°33	23°48	9°41	8°12	27° 7	26°28	16° 6	15°53	F 4
S 5	19 13 17	17°36'32	26° 2	10° 9	1°18	21°47	20°36	20°29	23°50	9°41	8°11	26°59	26°24	16°13	15°53	S 5
S 6	19 17 13	18°33'51	10♋ 8	9°40	2°23	22°28	20°35	20°25	23°52	9°41	8°10	26°49	26°21	16°19	15°54	S 6
M 7	19 21 10	19°31'11	24°34	9°16	3°29	23° 9	20°34	20°22	23°54	9°41	8° 9	26°38	26°18	16°26	15°54	M 7
T 8	19 25 6	20°28'32	9♌14	8°57	4°34	23°49	20°33	20°18	23°56	9°R41	8° 7	26°27	26°15	16°33	15°54	T 8
W 9	19 29 3	21°25'54	23°59	8°43	5°39	24°30	20°32	20°15	23°58	9°41	8° 6	26°17	26°12	16°39	15°55	W 9
T 10	19 32 59	22°23'16	8♍41	8°35	6°44	25°11	20°32	20°11	24° 1	9°41	8° 5	26°10	26° 9	16°46	15°55	T 10
F 11	19 36 56	23°20'39	23°15	8°D33	7°49	25°51	20°31	20° 8	24° 3	9°41	8° 4	26° 5	26° 5	16°53	15°55	F 11
S 12	19 40 52	24°18'02	7♎35	8°37	8°53	26°31	20°31	20° 5	24° 5	9°41	8° 2	26° 3	26° 2	17° 0	15°55	S 12
S 13	19 44 49	25°15'26	21°40	8°47	9°58	27°12	20°D31	20° 1	24° 8	9°41	8° 1	26° 3	25°59	17° 6	15°55	S 13
M14	19 48 46	26°12'51	5♏29	9° 3	11° 2	27°52	20°31	19°58	24°10	9°40	8° 0	26° 3	25°56	17°13	15°R55	M14
T 15	19 52 42	27°10'16	19° 3	9°26	12° 6	28°32	20°32	19°55	24°12	9°40	7°59	26° 2	25°53	17°20	15°55	T 15
W16	19 56 39	28° 7'42	2♐24	9°55	13° 9	29°12	20°32	19°52	24°15	9°40	7°57	25°59	25°50	17°26	15°55	W16
T 17	20 0 35	29° 5'09	15°31	10°31	14°13	29°52	20°33	19°49	24°17	9°40	7°56	25°53	25°46	17°33	15°55	T 17
F 18	20 4 32	0♑ 2'37	28°27	11°13	15°16	0♊31	20°34	19°47	24°20	9°39	7°55	25°45	25°43	17°40	15°55	F 18
S 19	20 8 28	1° 0'06	11♉11	12° 2	16°19	1°11	20°35	19°44	24°22	9°39	7°53	25°34	25°40	17°46	15°55	S 19
S 20	20 12 25	1°57'36	23°45	12°57	17°22	1°51	20°36	19°41	24°25	9°39	7°52	25°21	25°37	17°53	15°55	S 20
M21	20 16 21	2°55'07	6♒ 7	13°58	18°24	2°30	20°38	19°38	24°28	9°38	7°51	25° 8	25°34	18° 0	15°54	M21
T 22	20 20 18	3°52'39	18°19	15° 5	19°26	3°10	20°39	19°36	24°30	9°38	7°49	24°55	25°30	18° 6	15°54	T 22
W23	20 24 15	4°50'12	0♓22	16°18	20°28	3°49	20°41	19°33	24°33	9°37	7°48	24°44	25°27	18°13	15°53	W23
T 24	20 28 11	5°47'47	12°17	17°37	21°29	4°28	20°43	19°31	24°36	9°37	7°47	24°35	25°24	18°20	15°53	T 24
F 25	20 32 8	6°45'23	24° 6	19° 0	22°31	5° 7	20°45	19°29	24°39	9°36	7°45	24°29	25°21	18°26	15°52	F 25
S 26	20 36 4	7°43'01	5♈54	20°29	23°31	5°46	20°48	19°27	24°42	9°36	7°44	24°26	25°18	18°33	15°52	S 26
S 27	20 40 1	8°40'40	17°44	22° 3	24°32	6°25	20°50	19°24	24°44	9°35	7°43	24°24	25°15	18°40	15°51	S 27
M28	20 43 57	9°38'20	29°41	23°40	25°32	7° 4	20°53	19°22	24°47	9°34	7°41	24°D24	25°11	18°46	15°50	M28
T 29	20 47 54	10°36'03	11♉51	25°22	26°32	7°42	20°56	19°20	24°50	9°34	7°40	24°R24	25° 8	18°53	15°50	T 29
W30	20 51 50	11°33'47	24°19	27° 7	27°32	8°21	20°59	19°19	24°53	9°33	7°39	24°24	25° 5	19° 0	15°49	W30
T 31	20 55 47	12♑31'33	7♊ 9	28♋56	28♍31	8♊59	21♏ 2	19♐17	24♍56	9♈32	7♒37	24♎21	25♎ 2	19♓ 6	15♈48	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n51	12n17	0s34	18n 9	4s51	13n45	1n12	16n52	0s43	17s15	0n48	22s11	1n 3	3n10	0n43	2n17	1s42	27s 1	9s 3	10s34	10s19	2s32	8n23	2n18
W 2	22 44	15 12	1 39	18 12	4 51	13 19	1 9	17 4	0 43	17 15	0 48	22 11	1 3	3 10	0 43	2 17	1 43	27 1	9 3	10 33	10 18	2 30	8 23	2 18
T 3	22 38	17 27	2 40	18 16	4 50	12 52	1 6	17 16	0 42	17 14	0 48	22 11	1 3	3 9	0 43	2 17	1 43	27 2	9 4	10 32	10 17	2 28	8 23	2 18
F 4	22 31	18 51	3 35	18 22	4 47	12 26	1 2	17 28	0 41	17 14	0 48	22 10	1 3	3 8	0 43	2 17	1 43	27 2	9 4	10 30	10 16	2 26	8 24	2 18
S 5	22 24	19 12	4 19	18 29	4 42	11 59	0 59	17 39	0 41	17 14	0 47	22 10	1 3	3 7	0 43	2 17	1 43	27 3	9 4	10 27	10 14	2 24	8 24	2 18
S 6	22 16	18 23	4 48	18 37	4 36	11 32	0 55	17 50	0 40	17 14	0 47	22 10	1 3	3 6	0 43	2 17	1 43	27 3	9 4	10 23	10 13	2 22	8 24	2 18
M 7	22 8	16 23	5 1	18 47	4 28	11 4	0 51	18 1	0 39	17 14	0 47	22 10	1 3	3 6	0 43	2 17	1 43	27 4	9 4	10 19	10 12	2 20	8 24	2 18
T 8	21 59	13 19	4 53	18 57	4 19	10 37	0 47	18 12	0 39	17 14	0 47	22 10	1 2	3 5	0 43	2 17	1 43	27 4	9 4	10 15	10 11	2 18	8 25	2 18
W 9	21 51	9 24	4 27	19 8	4 9	10 9	0 43	18 23	0 38	17 14	0 46	22 10	1 2	3 4	0 43	2 17	1 43	27 5	9 4	10 12	10 10	2 16	8 25	2 18
T 10	21 41	4 55	3 43	19 20	3 57	9 41	0 39	18 33	0 37	17 14	0 46	22 10	1 2	3 3	0 43	2 17	1 43	27 5	9 5	10 9	10 9	2 14	8 25	2 18
F 11	21 32	0 11	2 44	19 33	3 45	9 13	0 35	18 44	0 36	17 14	0 46	22 10	1 2	3 2	0 43	2 16	1 43	27 6	9 5	10 7	10 7	2 12	8 25	2 18
S 12	21 22	4s30	1 36	19 46	3 31	8 45	0 30	18 54	0 36	17 14	0 46	22 9	1 2	3 1	0 43	2 16	1 43	27 6	9 5	10 7	10 6	2 10	8 25	2 18
S 13	21 12	8 51	0 23	19 59	3 17	8 16	0 26	19 4	0 35	17 14	0 45	22 9	1 2	3 0	0 43	2 16	1 43	27 6	9 5	10 7	10 5	2 8	8 25	2 18
M14	21 1	12 38	0n50	20 13	3 3	7 48	0 21	19 14	0 34	17 15	0 45	22 9	1 2	2 59	0 43	2 16	1 43	27 7	9 5	10 7	10 4	2 6	8 25	2 18
T 15	20 50	15 40	1 58	20 26	2 48	7 19	0 17	19 24	0 33	17 15	0 45	22 9	1 1	2 58	0 43	2 16	1 43	27 7	9 5	10 6	10 3	2 4	8 25	2 18
W16	20 38	17 49	2 59	20 40	2 32	6 50	0 12	19 33	0 32	17 15	0 45	22 9	1 1	2 57	0 43	2 16	1 43	27 8	9 5	10 5	10 2	2 3	8 25	2 19
T 17	20 27	18 58	3 50	20 53	2 16	6 21	0 7	19 42	0 32	17 16	0 45	22 9	1 1	2 56	0 43	2 16	1 43	27 8	9 5	10 3	10 1	2 1	8 25	2 19
F 18	20 15	19 6	4 27	21 5	2 0	5 52	0 2	19 52	0 31	17 16	0 44	22 9	1 1	2 55	0 43	2 15	1 44	27 9	9 6	10 0	9 59	1 59	8 25	2 19
S 19	20 2	18 15	4 51	21 17	1 45	5 23	0s 3	20 1	0 30	17 17	0 44	22 9	1 1	2 54	0 43	2 15	1 44	27 9	9 6	9 56	9 58	1 57	8 25	2 19
S 20	19 49	16 32	5 0	21 27	1 29	4 54	0 8	20 9	0 29	17 17	0 44	22 9	1 1	2 53	0 43	2 15	1 44	27 10	9 6	9 51	9 57	1 55	8 25	2 19
M21	19 36	14 4	4 55	21 37	1 13	4 24	0 13	20 18	0 28	17 18	0 44	22 9	1 1	2 52	0 43	2 15	1 44	27 10	9 6	9 46	9 56	1 53	8 25	2 19
T 22	19 23	11 2	4 36	21 45	0 58	3 55	0 19	20 27	0 28	17 19	0 43	22 9	1 0	2 51	0 43	2 15	1 44	27 11	9 6	9 42	9 55	1 51	8 25	2 19
W23	19 9	7 35	4 5	21 51	0 43	3 26	0 24	20 35	0 27	17 19	0 43	22 9	1 0	2 49	0 43	2 14	1 44	27 11	9 6	9 38	9 54	1 49	8 25	2 19
T 24	18 55	3 51	3 24	21 56	0 28	2 56	0 30	20 43	0 26	17 20	0 43	22 9	1 0	2 48	0 42	2 14	1 44	27 11	9 6	9 34	9 52	1 47	8 25	2 19
F 25	18 41	0 0	2 33	21 59	0 14	2 27	0 35	20 51	0 25	17 21	0 43	22 9	1 0	2 47	0 42	2 14	1 44	27 12	9 6	9 32	9 51	1 45	8 25	2 19
S 26	18 26	3n50	1 37	21 59	0 0	1 57	0 41	20 59	0 24	17 22	0 42	22 9	1 0	2 46	0 42	2 14	1 44	27 12	9 6	9 31	9 50	1 43	8 25	2 19
S 27	18 11	7 32	0 35	21 57	0n13	1 28	0 47	21 6	0 23	17 23	0 42	22 9	1 0	2 45	0 42	2 13	1 44	27 13	9 6	9 30	9 49	1 41	8 24	2 19
M28	17 56	10 59	0s28	21 53	0 25	0 59	0 53	21 14	0 23	17 24	0 42	22 9	0 59	2 44	0 42	2 13	1 44	27 13	9 6	9 30	9 48	1 39	8 24	2 19
T 29	17 40	14 1	1 31	21 46	0 36	0 29	0 59	21 21	0 22	17 25	0 42	22 9	0 59	2 42	0 42	2 13	1 44	27 13	9 6	9 30	9 47	1 37	8 24	2 19
W30	17 24	16 29	2 32	21 37	0 47	0s 0	1 5	21 28	0 21	17 26	0 41	22 9	0 59	2 41	0 42	2 12	1 44	27 14	9 6	9 30	9 45	1 35	8 24	2 19
T 31	17n 8	18n13	3s27	21n24	0n57	0s30	1s11	21n35	0s20	17s27	0n41	22s 9	0n59	2n40	0n42	2n12	1s44	27s14	9s 6	9s29	9s44	1s33	8n23	2n19

Julian Day Number = 2103290.5, Delta T = 20m56s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°26'57, Lahiri = 10°33'58 Julian Calendar 1 July 1046 == Greg. Calendar 7 July 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

AUGUST 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 59 44	13♌29'20	20♊26	0♌47	29♍30	9♊38	21♏ 5	19°R15	24♍59	9°R32	7°R36	24°R17	24♎59	19♓13	15°R47	F 1
S 2	21 3 40	14°27'10	4♋12	2°40	0♎29	10°16	21° 9	19♐14	25° 2	9♈31	7♒35	24♎ 9	24°56	19°20	15♈46	S 2
S 3	21 7 37	15°25'01	18°26	4°35	1°27	10°54	21°13	19°12	25° 5	9°30	7°33	24° 0	24°52	19°26	15°45	S 3
M 4	21 11 33	16°22'53	3♌ 5	6°32	2°24	11°32	21°17	19°11	25° 9	9°29	7°32	23°50	24°49	19°33	15°44	M 4
T 5	21 15 30	17°20'47	18° 1	8°30	3°22	12°10	21°21	19° 9	25°12	9°28	7°31	23°41	24°46	19°40	15°43	T 5
W 6	21 19 26	18°18'43	3♍ 6	10°28	4°19	12°48	21°25	19° 8	25°15	9°27	7°29	23°32	24°43	19°46	15°42	W 6
T 7	21 23 23	19°16'40	18° 9	12°27	5°15	13°25	21°30	19° 7	25°18	9°27	7°28	23°25	24°40	19°53	15°41	T 7
F 8	21 27 19	20°14'39	3♎ 3	14°26	6°11	14° 3	21°34	19° 6	25°21	9°26	7°27	23°22	24°36	20° 0	15°39	F 8
S 9	21 31 16	21°12'39	17°39	16°25	7° 7	14°40	21°39	19° 5	25°25	9°25	7°25	23°D20	24°33	20° 6	15°38	S 9
S 10	21 35 13	22°10'40	1♏55	18°24	8° 2	15°17	21°44	19° 4	25°28	9°24	7°24	23°20	24°30	20°13	15°37	S 10
M11	21 39 9	23° 8'43	15°48	20°22	8°56	15°55	21°49	19° 3	25°31	9°23	7°23	23°21	24°27	20°20	15°35	M11
T 12	21 43 6	24° 6'47	29°20	22°20	9°50	16°32	21°54	19° 3	25°35	9°22	7°22	23°R21	24°24	20°26	15°34	T 12
W13	21 47 2	25° 4'53	12♐33	24°17	10°44	17° 8	21°59	19° 2	25°38	9°20	7°20	23°19	24°21	20°33	15°32	W13
T 14	21 50 59	26° 3'00	25°29	26°12	11°36	17°45	22° 5	19° 2	25°41	9°19	7°19	23°16	24°17	20°40	15°31	T 14
F 15	21 54 55	27° 1'09	8♑10	28° 7	12°29	18°22	22°11	19° 1	25°45	9°18	7°18	23°10	24°14	20°46	15°29	F 15
S 16	21 58 52	27°59'19	20°39	0♍ 1	13°20	18°58	22°17	19° 1	25°48	9°17	7°17	23° 2	24°11	20°53	15°28	S 16
S 17	22 2 48	28°57'31	2♒57	1°54	14°11	19°35	22°23	19° 1	25°52	9°16	7°15	22°52	24° 8	21° 0	15°26	S 17
M18	22 6 45	29°55'44	15° 7	3°46	15° 1	20°11	22°29	19°D 1	25°55	9°15	7°14	22°42	24° 5	21° 6	15°24	M18
T 19	22 10 42	0♍54'00	27° 8	5°36	15°51	20°47	22°35	19° 1	25°59	9°14	7°13	22°32	24° 2	21°13	15°23	T 19
W20	22 14 38	1°52'17	9♓ 4	7°26	16°40	21°23	22°42	19° 1	26° 2	9°12	7°12	22°24	23°58	21°20	15°21	W20
T 21	22 18 35	2°50'35	20°54	9°14	17°28	21°59	22°48	19° 1	26° 6	9°11	7°11	22°17	23°55	21°26	15°19	T 21
F 22	22 22 31	3°48'56	2♈42	11° 1	18°15	22°34	22°55	19° 1	26° 9	9°10	7° 9	22°13	23°52	21°33	15°17	F 22
S 23	22 26 28	4°47'19	14°30	12°47	19° 2	23°10	23° 2	19° 2	26°13	9° 8	7° 8	22°11	23°49	21°40	15°15	S 23
S 24	22 30 24	5°45'44	26°21	14°32	19°47	23°45	23° 9	19° 2	26°16	9° 7	7° 7	22°D11	23°46	21°46	15°13	S 24
M25	22 34 21	6°44'11	8♉19	16°16	20°32	24°20	23°16	19° 3	26°20	9° 6	7° 6	22°12	23°42	21°53	15°11	M25
T 26	22 38 17	7°42'40	20°29	17°59	21°16	24°55	23°23	19° 4	26°24	9° 4	7° 5	22°13	23°39	22° 0	15° 9	T 26
W27	22 42 14	8°41'12	2♊55	19°40	21°59	25°30	23°31	19° 4	26°27	9° 3	7° 4	22°R14	23°36	22° 6	15° 7	W27
T 28	22 46 10	9°39'45	15°42	21°21	22°41	26° 5	23°38	19° 5	26°31	9° 2	7° 3	22°14	23°33	22°13	15° 5	T 28
F 29	22 50 7	10°38'21	28°54	23° 1	23°22	26°40	23°46	19° 6	26°35	9° 0	7° 2	22°13	23°30	22°20	15° 3	F 29
S 30	22 54 4	11°37'00	12♋34	24°39	24° 2	27°14	23°54	19° 7	26°38	8°59	7° 1	22° 9	23°27	22°26	15° 1	S 30
S 31	22 58 0	12♍35'40	26♋43	26♍17	24♎41	27♊49	24♏ 2	19♐ 8	26♍42	8♈57	7♒ 0	22♎ 5	23♎23	22♓33	14♈58	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n51	19n 1	4s12	21n 9	1n 6	0s59	1s17	21n42	0s19	17s28	0n41	22s 9	0n59	2n39	0n42	2n12	1s44	27s15	9s 6	9s28	9s43	1s31	8n23	2n19
S 2	16 35	18 45	4 45	20 52	1 14	1 28	1 24	21 48	0 18	17 29	0 41	22 9	0 59	2 38	0 42	2 11	1 44	27 15	9 6	9 25	9 42	1 29	8 23	2 20
S 3	16 18	17 18	5 2	20 31	1 21	1 57	1 30	21 55	0 17	17 30	0 41	22 9	0 59	2 36	0 42	2 11	1 44	27 15	9 7	9 22	9 41	1 27	8 22	2 20
M 4	16 0	14 43	4 59	20 8	1 27	2 26	1 36	22 1	0 16	17 31	0 40	22 9	0 58	2 35	0 42	2 11	1 44	27 16	9 7	9 18	9 40	1 25	8 22	2 20
T 5	15 43	11 7	4 36	19 43	1 32	2 55	1 43	22 7	0 15	17 33	0 40	22 9	0 58	2 34	0 42	2 10	1 45	27 16	9 7	9 14	9 38	1 23	8 22	2 20
W 6	15 25	6 47	3 54	19 15	1 37	3 24	1 50	22 13	0 14	17 34	0 40	22 9	0 58	2 32	0 42	2 10	1 45	27 17	9 7	9 11	9 37	1 21	8 21	2 20
T 7	15 7	2 0	2 56	18 45	1 40	3 53	1 56	22 18	0 13	17 35	0 40	22 9	0 58	2 31	0 42	2 9	1 45	27 17	9 7	9 9	9 36	1 19	8 21	2 20
F 8	14 49	2s50	1 46	18 14	1 43	4 21	2 3	22 24	0 13	17 37	0 39	22 9	0 58	2 30	0 42	2 9	1 45	27 17	9 7	9 7	9 35	1 17	8 20	2 20
S 9	14 30	7 26	0 30	17 40	1 45	4 50	2 10	22 29	0 12	17 38	0 39	22 9	0 58	2 29	0 42	2 9	1 45	27 18	9 7	9 7	9 34	1 16	8 20	2 20
S 10	14 11	11 29	0n46	17 4	1 46	5 18	2 17	22 34	0 11	17 40	0 39	22 9	0 57	2 27	0 42	2 8	1 45	27 18	9 7	9 7	9 33	1 14	8 19	2 20
M11	13 52	14 47	1 57	16 27	1 47	5 46	2 24	22 39	0 10	17 41	0 39	22 9	0 57	2 26	0 42	2 8	1 45	27 18	9 7	9 7	9 31	1 12	8 19	2 20
T 12	13 33	17 11	3 0	15 49	1 47	6 14	2 31	22 44	0 9	17 43	0 39	22 10	0 57	2 24	0 42	2 7	1 45	27 19	9 7	9 7	9 30	1 10	8 18	2 20
W13	13 14	18 35	3 52	15 10	1 46	6 41	2 38	22 49	0 8	17 44	0 38	22 10	0 57	2 23	0 42	2 7	1 45	27 19	9 7	9 6	9 29	1 8	8 18	2 20
T 14	12 54	18 58	4 31	14 29	1 44	7 9	2 45	22 53	0 7	17 46	0 38	22 10	0 57	2 22	0 42	2 6	1 45	27 19	9 7	9 5	9 28	1 6	8 17	2 20
F 15	12 34	18 24	4 55	13 47	1 42	7 36	2 53	22 57	0 6	17 48	0 38	22 10	0 57	2 20	0 42	2 6	1 45	27 20	9 7	9 3	9 27	1 4	8 17	2 20
S 16	12 14	16 56	5 5	13 5	1 40	8 3	3 0	23 1	0 5	17 49	0 38	22 10	0 56	2 19	0 42	2 5	1 45	27 20	9 7	9 0	9 25	1 2	8 16	2 20
S 17	11 54	14 43	5 1	12 22	1 37	8 30	3 7	23 5	0 4	17 51	0 37	22 10	0 56	2 18	0 42	2 5	1 45	27 20	9 6	8 56	9 24	1 0	8 16	2 20
M18	11 33	11 53	4 43	11 38	1 34	8 56	3 15	23 9	0 3	17 53	0 37	22 10	0 56	2 16	0 42	2 4	1 45	27 21	9 6	8 52	9 23	0 58	8 15	2 20
T 19	11 13	8 34	4 12	10 54	1 30	9 22	3 22	23 13	0 2	17 55	0 37	22 11	0 56	2 15	0 42	2 4	1 45	27 21	9 6	8 49	9 22	0 56	8 14	2 20
W20	10 52	4 57	3 31	10 9	1 26	9 48	3 30	23 16	0 0	17 57	0 37	22 11	0 56	2 13	0 42	2 3	1 45	27 21	9 6	8 46	9 21	0 54	8 14	2 20
T 21	10 31	1 10	2 41	9 24	1 21	10 14	3 37	23 20	0n 1	17 59	0 37	22 11	0 56	2 12	0 42	2 3	1 45	27 21	9 6	8 43	9 20	0 52	8 13	2 20
F 22	10 10	2n40	1 43	8 38	1 16	10 39	3 45	23 23	0 2	18 0	0 36	22 11	0 55	2 11	0 42	2 2	1 45	27 22	9 6	8 42	9 18	0 50	8 12	2 20
S 23	9 48	6 23	0 41	7 53	1 11	11 4	3 52	23 26	0 3	18 2	0 36	22 11	0 55	2 9	0 42	2 2	1 45	27 22	9 6	8 41	9 17	0 48	8 11	2 20
S 24	9 27	9 52	0s23	7 7	1 5	11 28	4 0	23 29	0 4	18 4	0 36	22 11	0 55	2 8	0 42	2 1	1 45	27 22	9 6	8 41	9 16	0 46	8 11	2 20
M25	9 5	12 59	1 26	6 22	1 0	11 53	4 7	23 31	0 5	18 6	0 36	22 12	0 55	2 6	0 42	2 1	1 45	27 22	9 6	8 41	9 15	0 44	8 10	2 20
T 26	8 43	15 35	2 28	5 36	0 54	12 16	4 15	23 34	0 6	18 8	0 36	22 12	0 55	2 5	0 42	2 0	1 45	27 23	9 6	8 42	9 14	0 42	8 9	2 20
W27	8 21	17 32	3 23	4 50	0 47	12 40	4 23	23 36	0 7	18 10	0 35	22 12	0 55	2 3	0 42	1 59	1 46	27 23	9 6	8 42	9 13	0 40	8 8	2 20
T 28	7 59	18 39	4 10	4 4	0 41	13 3	4 30	23 38	0 8	18 13	0 35	22 12	0 54	2 2	0 42	1 59	1 46	27 23	9 6	8 42	9 11	0 38	8 8	2 20
F 29	7 37	18 48	4 46	3 19	0 34	13 25	4 38	23 40	0 9	18 15	0 35	22 13	0 54	2 0	0 42	1 58	1 46	27 23	9 6	8 41	9 10	0 37	8 7	2 20
S 30	7 15	17 53	5 7	2 33	0 28	13 47	4 46	23 42	0 11	18 17	0 35	22 13	0 54	1 59	0 42	1 58	1 46	27 24	9 6	8 40	9 9	0 35	8 6	2 20
S 31	6n52	15n51	5s10	1n48	0n21	14s 9	4s53	23n44	0n12	18s19	0n35	22s13	0n54	1n57	0n42	1n57	1s46	27s24	9s 6	8s38	9s 8	0s33	8n 5	2n20

Julian Day Number = 2103321.5, Delta T = 20m55s
Ecliptic obliquity = 23°33'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'02, Lahiri = 10°34'02 Julian Calendar 1 Aug. 1046 == Greg. Calendar 7 Aug. 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

SEPTEMBER 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	23 1 57	13♍34'23	11♌19	27♍53	25♎18	28♊23	24♏10	19♐10	26♍46	8°R56	6°R59	21°R59	23♎20	22♓40	14°R56	M 1
T 2	23 5 53	14°33'08	26°17	29°29	25°55	28°57	24°18	19°11	26°49	8♈54	6♒58	21♎53	23°17	22°46	14♈54	T 2
W 3	23 9 50	15°31'55	11♍28	1♎ 3	26°30	29°30	24°27	19°13	26°53	8°53	6°57	21°48	23°14	22°53	14°52	W 3
T 4	23 13 46	16°30'44	26°43	2°37	27° 4	0♋ 4	24°35	19°14	26°57	8°51	6°56	21°45	23°11	23° 0	14°49	T 4
F 5	23 17 43	17°29'35	11♎51	4°10	27°37	0°37	24°44	19°16	27° 1	8°50	6°55	21°43	23° 7	23° 6	14°47	F 5
S 6	23 21 39	18°28'28	26°43	5°42	28° 8	1°11	24°52	19°18	27° 4	8°48	6°54	21°D43	23° 4	23°13	14°44	S 6
S 7	23 25 36	19°27'22	11♏13	7°12	28°38	1°44	25° 1	19°19	27° 8	8°47	6°53	21°44	23° 1	23°20	14°42	S 7
M 8	23 29 33	20°26'19	25°18	8°42	29° 6	2°17	25°10	19°21	27°12	8°45	6°52	21°45	22°58	23°26	14°39	M 8
T 9	23 33 29	21°25'18	8♐58	10°11	29°33	2°49	25°19	19°23	27°16	8°44	6°51	21°46	22°55	23°33	14°37	T 9
W10	23 37 26	22°24'18	22°13	11°39	29°58	3°22	25°29	19°26	27°19	8°42	6°50	21°R47	22°52	23°40	14°34	W10
T 11	23 41 22	23°23'20	5♑ 6	13° 6	0♏21	3°54	25°38	19°28	27°23	8°40	6°49	21°46	22°48	23°46	14°32	T 11
F 12	23 45 19	24°22'24	17°41	14°32	0°43	4°26	25°47	19°30	27°27	8°39	6°48	21°44	22°45	23°53	14°29	F 12
S 13	23 49 15	25°21'29	0♒ 1	15°57	1° 3	4°58	25°57	19°33	27°31	8°37	6°48	21°41	22°42	24° 0	14°27	S 13
S 14	23 53 12	26°20'37	12° 9	17°21	1°21	5°30	26° 7	19°35	27°34	8°36	6°47	21°37	22°39	24° 6	14°24	S 14
M15	23 57 8	27°19'46	24° 9	18°44	1°37	6° 1	26°16	19°38	27°38	8°34	6°46	21°33	22°36	24°13	14°22	M15
T 16	0 1 5	28°18'57	6♓ 3	20° 6	1°51	6°33	26°26	19°40	27°42	8°32	6°45	21°29	22°33	24°20	14°19	T 16
W17	0 5 2	29°18'10	17°54	21°27	2° 3	7° 4	26°36	19°43	27°46	8°31	6°45	21°26	22°29	24°26	14°16	W17
T 18	0 8 58	0♎17'26	29°42	22°47	2°13	7°35	26°46	19°46	27°50	8°29	6°44	21°23	22°26	24°33	14°14	T 18
F 19	0 12 55	1°16'43	11♈32	24° 5	2°20	8° 5	26°57	19°49	27°53	8°27	6°43	21°22	22°23	24°40	14°11	F 19
S 20	0 16 51	2°16'03	23°24	25°22	2°26	8°36	27° 7	19°52	27°57	8°26	6°43	21°D21	22°20	24°46	14° 8	S 20
S 21	0 20 48	3°15'24	5♉21	26°38	2°29	9° 6	27°17	19°55	28° 1	8°24	6°42	21°22	22°17	24°53	14° 6	S 21
M22	0 24 44	4°14'48	17°26	27°53	2°R30	9°36	27°28	19°58	28° 5	8°22	6°41	21°23	22°13	25° 0	14° 3	M22
T 23	0 28 41	5°14'14	29°41	29° 5	2°28	10° 6	27°38	20° 2	28° 8	8°21	6°41	21°25	22°10	25° 6	14° 0	T 23
W24	0 32 37	6°13'43	12♊11	0♏16	2°24	10°35	27°49	20° 5	28°12	8°19	6°40	21°26	22° 7	25°13	13°57	W24
T 25	0 36 34	7°13'14	24°58	1°26	2°18	11° 4	28° 0	20° 9	28°16	8°17	6°40	21°27	22° 4	25°20	13°55	T 25
F 26	0 40 30	8°12'47	8♋ 6	2°33	2° 9	11°33	28°11	20°12	28°20	8°16	6°39	21°R27	22° 1	25°26	13°52	F 26
S 27	0 44 27	9°12'23	21°38	3°39	1°58	12° 2	28°21	20°16	28°23	8°14	6°39	21°27	21°58	25°33	13°49	S 27
S 28	0 48 24	10°12'01	5♌35	4°41	1°45	12°31	28°32	20°19	28°27	8°12	6°38	21°26	21°54	25°40	13°46	S 28
M29	0 52 20	11°11'41	19°56	5°42	1°29	12°59	28°44	20°23	28°31	8°11	6°38	21°25	21°51	25°46	13°43	M29
T 30	0 56 17	12♎11'24	4♍40	6♏40	1♏11	13♋27	28♏55	20♐27	28♍35	8♈ 9	6♒38	21♎24	21♎48	25♓53	13♈41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	6n29	12n46	4s53	1n 3	0n14	14s30	5s 1	23n46	0n13	18s21	0n34	22s13	0n54	1n56	0n42	1n56	1s46	27s24	9s 6	8s36	9s 7	0s31	8n 4	2n20
T 2	6 7	8 47	4 17	0 19	0 7	14 50	5 9	23 47	0 14	18 23	0 34	22 14	0 54	1 54	0 42	1 56	1 46	27 24	9 6	8 34	9 5	0 29	8 3	2 20
W 3	5 44	4 11	3 22	0s26	0s 0	15 10	5 16	23 49	0 15	18 26	0 34	22 14	0 53	1 53	0 42	1 55	1 46	27 24	9 5	8 32	9 4	0 27	8 2	2 20
T 4	5 21	0s43	2 12	1 10	0 8	15 30	5 24	23 50	0 16	18 28	0 34	22 14	0 53	1 51	0 42	1 55	1 46	27 24	9 5	8 31	9 3	0 25	8 1	2 20
F 5	4 58	5 32	0 54	1 54	0 15	15 49	5 31	23 51	0 18	18 30	0 34	22 15	0 53	1 50	0 42	1 54	1 46	27 25	9 5	8 30	9 2	0 23	8 1	2 20
S 6	4 35	9 56	0n27	2 37	0 22	16 7	5 38	23 52	0 19	18 32	0 34	22 15	0 53	1 48	0 42	1 53	1 46	27 25	9 5	8 30	9 1	0 21	8 0	2 20
S 7	4 12	13 37	1 45	3 20	0 30	16 25	5 46	23 53	0 20	18 35	0 33	22 15	0 53	1 47	0 42	1 53	1 46	27 25	9 5	8 31	9 0	0 19	7 59	2 20
M 8	3 48	16 22	2 54	4 2	0 37	16 42	5 53	23 54	0 21	18 37	0 33	22 15	0 53	1 45	0 42	1 52	1 46	27 25	9 5	8 31	8 58	0 17	7 58	2 20
T 9	3 25	18 6	3 51	4 44	0 45	16 58	6 0	23 54	0 23	18 39	0 33	22 16	0 52	1 44	0 42	1 51	1 46	27 25	9 5	8 32	8 57	0 15	7 57	2 20
W10	3 2	18 47	4 33	5 26	0 52	17 14	6 7	23 55	0 24	18 42	0 33	22 16	0 52	1 42	0 42	1 51	1 46	27 25	9 5	8 32	8 56	0 13	7 56	2 20
T 11	2 38	18 27	5 1	6 7	0 59	17 28	6 14	23 55	0 25	18 44	0 33	22 16	0 52	1 41	0 42	1 50	1 46	27 25	9 5	8 32	8 55	0 11	7 55	2 20
F 12	2 15	17 13	5 13	6 47	1 7	17 42	6 20	23 55	0 26	18 47	0 32	22 17	0 52	1 39	0 42	1 49	1 46	27 26	9 4	8 31	8 54	0 9	7 54	2 20
S 13	1 51	15 11	5 11	7 27	1 14	17 56	6 27	23 56	0 28	18 49	0 32	22 17	0 52	1 38	0 42	1 49	1 46	27 26	9 4	8 30	8 52	0 7	7 53	2 20
S 14	1 28	12 32	4 54	8 6	1 21	18 8	6 33	23 56	0 29	18 52	0 32	22 18	0 52	1 36	0 42	1 48	1 46	27 26	9 4	8 28	8 51	0 6	7 52	2 20
M15	1 4	9 22	4 25	8 44	1 29	18 19	6 39	23 56	0 30	18 54	0 32	22 18	0 51	1 35	0 42	1 47	1 46	27 26	9 4	8 27	8 50	0 4	7 51	2 20
T 16	0 40	5 52	3 44	9 22	1 36	18 30	6 45	23 55	0 32	18 56	0 32	22 18	0 51	1 33	0 42	1 47	1 46	27 26	9 4	8 25	8 49	0 2	7 50	2 20
W17	0 17	2 8	2 54	9 59	1 43	18 39	6 51	23 55	0 33	18 59	0 32	22 19	0 51	1 32	0 42	1 46	1 46	27 26	9 4	8 24	8 48	0n 0	7 48	2 20
T 18	0s 7	1n40	1 57	10 36	1 50	18 48	6 56	23 55	0 34	19 1	0 31	22 19	0 51	1 30	0 42	1 45	1 46	27 26	9 4	8 23	8 46	0 2	7 47	2 20
F 19	0 31	5 25	0 54	11 11	1 56	18 55	7 1	23 54	0 36	19 4	0 31	22 19	0 51	1 29	0 42	1 45	1 46	27 26	9 4	8 22	8 45	0 4	7 46	2 20
S 20	0 54	8 58	0s11	11 46	2 3	19 2	7 6	23 54	0 37	19 6	0 31	22 20	0 51	1 27	0 42	1 44	1 46	27 26	9 3	8 22	8 44	0 6	7 45	2 20
S 21	1 18	12 10	1 17	12 20	2 9	19 7	7 10	23 53	0 38	19 9	0 31	22 20	0 51	1 26	0 42	1 43	1 46	27 26	9 3	8 22	8 43	0 8	7 44	2 20
M22	1 42	14 53	2 19	12 53	2 16	19 11	7 14	23 52	0 40	19 12	0 31	22 21	0 50	1 24	0 42	1 43	1 46	27 26	9 3	8 23	8 42	0 10	7 43	2 20
T 23	2 5	16 59	3 17	13 25	2 22	19 13	7 18	23 52	0 41	19 14	0 31	22 21	0 50	1 23	0 42	1 42	1 46	27 26	9 3	8 23	8 41	0 12	7 42	2 20
W24	2 29	18 18	4 6	13 55	2 27	19 15	7 21	23 51	0 43	19 17	0 30	22 21	0 50	1 21	0 42	1 41	1 46	27 26	9 3	8 24	8 39	0 14	7 41	2 20
T 25	2 53	18 44	4 44	14 25	2 33	19 15	7 23	23 50	0 44	19 19	0 30	22 22	0 50	1 20	0 42	1 41	1 46	27 26	9 3	8 24	8 38	0 16	7 40	2 20
F 26	3 16	18 10	5 9	14 54	2 38	19 14	7 25	23 49	0 46	19 22	0 30	22 22	0 50	1 18	0 42	1 40	1 46	27 26	9 3	8 24	8 37	0 18	7 39	2 20
S 27	3 40	16 35	5 17	15 21	2 43	19 11	7 27	23 48	0 47	19 24	0 30	22 23	0 50	1 17	0 42	1 39	1 46	27 26	9 2	8 24	8 36	0 20	7 37	2 20
S 28	4 4	14 0	5 8	15 47	2 48	19 7	7 28	23 47	0 49	19 27	0 30	22 23	0 49	1 15	0 42	1 39	1 46	27 26	9 2	8 24	8 35	0 21	7 36	2 20
M29	4 27	10 29	4 39	16 11	2 52	19 2	7 28	23 45	0 50	19 30	0 30	22 23	0 49	1 14	0 42	1 38	1 46	27 26	9 2	8 24	8 33	0 23	7 35	2 20
T 30	4s51	6n15	3s51	16s34	2s55	18s55	7s27	23n44	0n52	19s32	0n30	22s24	0n49	1n12	0n42	1n37	1s46	27s26	9s 2	8s23	8s32	0n25	7n34	2n20

Julian Day Number = 2103352.5, Delta T = 20m55s
Ecliptic obliquity = 23°33'38, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'06, Lahiri = 10°34'06 Julian Calendar 1 Sept. 1046 == Greg. Calendar 7 Sept. 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

OCTOBER 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	1 0 13	13♎11'09	19♍40	7♏34	0°R50	13♋54	29♏ 6	20♐31	28♍38	8°R 7	6°R37	21°R23	21♎45	26♓ 0	13°R38	W 1
T 2	1 4 10	14°10'55	4♎49	8°25	0♏28	14°22	29°17	20°35	28°42	8♈ 5	6♒37	21♎22	21°42	26° 6	13♈35	T 2
F 3	1 8 6	15°10'45	19°57	9°13	0° 3	14°49	29°29	20°39	28°46	8° 4	6°36	21°D22	21°38	26°13	13°32	F 3
S 4	1 12 3	16°10'36	4♏55	9°56	29♎36	15°16	29°40	20°43	28°49	8° 2	6°36	21°22	21°35	26°20	13°30	S 4
S 5	1 15 59	17°10'29	19°35	10°34	29° 8	15°42	29°52	20°48	28°53	8° 0	6°36	21°22	21°32	26°26	13°27	S 5
M 6	1 19 56	18°10'23	3♐52	11° 8	28°38	16° 8	0♐ 4	20°52	28°57	7°59	6°36	21°23	21°29	26°33	13°24	M 6
T 7	1 23 53	19°10'20	17°42	11°36	28° 6	16°34	0°16	20°57	29° 0	7°57	6°35	21°23	21°26	26°40	13°21	T 7
W 8	1 27 49	20°10'18	1♑ 5	11°57	27°33	17° 0	0°27	21° 1	29° 4	7°56	6°35	21°23	21°23	26°46	13°18	W 8
T 9	1 31 46	21°10'19	14° 3	12°12	26°59	17°25	0°39	21° 6	29° 7	7°54	6°35	21°23	21°19	26°53	13°16	T 9
F 10	1 35 42	22°10'20	26°39	12°R19	26°24	17°50	0°51	21°10	29°11	7°52	6°35	21°23	21°16	26°59	13°13	F 10
S 11	1 39 39	23°10'23	8♒57	12°19	25°48	18°14	1° 3	21°15	29°14	7°51	6°35	21°23	21°13	27° 6	13°10	S 11
S 12	1 43 35	24°10'28	21° 1	12° 9	25°11	18°38	1°15	21°20	29°18	7°49	6°35	21°24	21°10	27°13	13° 7	S 12
M13	1 47 32	25°10'35	2♓56	11°51	24°35	19° 2	1°28	21°25	29°21	7°48	6°35	21°24	21° 7	27°19	13° 5	M13
T 14	1 51 28	26°10'43	14°46	11°23	23°58	19°26	1°40	21°30	29°25	7°46	6°35	21°24	21° 4	27°26	13° 2	T 14
W15	1 55 25	27°10'53	26°34	10°45	23°22	19°49	1°52	21°35	29°28	7°44	6°D35	21°25	21° 0	27°33	12°59	W15
T 16	1 59 22	28°11'05	8♈24	9°58	22°46	20°12	2° 4	21°40	29°32	7°43	6°35	21°26	20°57	27°39	12°57	T 16
F 17	2 3 18	29°11'18	20°18	9° 2	22°11	20°34	2°17	21°45	29°35	7°41	6°35	21°R26	20°54	27°46	12°54	F 17
S 18	2 7 15	0♏11'33	2♉18	7°58	21°37	20°56	2°29	21°50	29°39	7°40	6°35	21°26	20°51	27°53	12°51	S 18
S 19	2 11 11	1°11'50	14°27	6°46	21° 5	21°18	2°42	21°55	29°42	7°38	6°35	21°25	20°48	27°59	12°49	S 19
M20	2 15 8	2°12'09	26°45	5°30	20°34	21°39	2°55	22° 1	29°45	7°37	6°35	21°24	20°44	28° 6	12°46	M20
T 21	2 19 4	3°12'30	9♊15	4°11	20° 4	21°59	3° 7	22° 6	29°49	7°35	6°35	21°22	20°41	28°13	12°44	T 21
W22	2 23 1	4°12'52	21°57	2°51	19°36	22°20	3°20	22°11	29°52	7°34	6°35	21°20	20°38	28°19	12°41	W22
T 23	2 26 57	5°13'17	4♋53	1°33	19°10	22°40	3°33	22°17	29°55	7°32	6°35	21°19	20°35	28°26	12°39	T 23
F 24	2 30 54	6°13'43	18° 6	0°20	18°47	22°59	3°45	22°22	29°59	7°31	6°36	21°17	20°32	28°33	12°36	F 24
S 25	2 34 51	7°14'12	1♌35	29♎14	18°25	23°18	3°58	22°28	0♎ 2	7°29	6°36	21°D16	20°29	28°39	12°34	S 25
S 26	2 38 47	8°14'42	15°23	28°17	18° 6	23°37	4°11	22°34	0° 5	7°28	6°36	21°16	20°25	28°46	12°31	S 26
M27	2 42 44	9°15'14	29°28	27°30	17°49	23°55	4°24	22°39	0° 8	7°27	6°37	21°17	20°22	28°53	12°29	M27
T 28	2 46 40	10°15'48	13♍51	26°55	17°35	24°12	4°37	22°45	0°11	7°25	6°37	21°18	20°19	28°59	12°26	T 28
W29	2 50 37	11°16'24	28°29	26°31	17°23	24°29	4°50	22°51	0°14	7°24	6°37	21°20	20°16	29° 6	12°24	W29
T 30	2 54 33	12°17'02	13♎16	26°19	17°14	24°46	5° 3	22°57	0°17	7°23	6°38	21°21	20°13	29°13	12°22	T 30
F 31	2 58 30	13♏17'42	28♎ 7	26°D18	17♎ 7	25♋ 2	5♐16	23♐ 3	0♎20	7♈21	6♒38	21°R21	20♎10	29♓19	12♈19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s14	1n33	2s47	16s55	2s58	18s46	7s26	23n43	0n53	19s35	0n29	22s24	0n49	1n11	0n42	1n37	1s46	27s26	9s 2	8s23	8s31	0n27	7n33	2n20
T 2	5 37	3s19	1 31	17 14	3 1	18 36	7 24	23 41	0 55	19 37	0 29	22 25	0 49	1 9	0 42	1 36	1 46	27 26	9 2	8 23	8 30	0 29	7 32	2 20
F 3	6 0	7 58	0 8	17 31	3 3	18 25	7 21	23 40	0 56	19 40	0 29	22 25	0 49	1 8	0 42	1 35	1 46	27 26	9 1	8 22	8 29	0 31	7 31	2 19
S 4	6 24	12 3	1n15	17 47	3 4	18 12	7 18	23 39	0 58	19 43	0 29	22 26	0 49	1 6	0 42	1 35	1 46	27 26	9 1	8 22	8 27	0 33	7 29	2 19
S 5	6 47	15 18	2 31	18 0	3 5	17 58	7 14	23 37	1 0	19 45	0 29	22 26	0 48	1 5	0 42	1 34	1 46	27 26	9 1	8 23	8 26	0 35	7 28	2 19
M 6	7 10	17 30	3 35	18 10	3 5	17 42	7 9	23 36	1 1	19 48	0 29	22 26	0 48	1 4	0 42	1 33	1 46	27 26	9 1	8 23	8 25	0 37	7 27	2 19
T 7	7 33	18 35	4 25	18 18	3 3	17 25	7 3	23 34	1 3	19 51	0 29	22 27	0 48	1 2	0 42	1 33	1 46	27 25	9 1	8 23	8 24	0 39	7 26	2 19
W 8	7 55	18 35	4 58	18 22	3 1	17 6	6 56	23 33	1 5	19 53	0 28	22 27	0 48	1 1	0 42	1 32	1 46	27 25	9 1	8 23	8 23	0 41	7 25	2 19
T 9	8 18	17 35	5 15	18 24	2 58	16 47	6 48	23 31	1 6	19 56	0 28	22 28	0 48	0 59	0 42	1 32	1 46	27 25	9 0	8 23	8 21	0 43	7 24	2 19
F 10	8 41	15 45	5 17	18 21	2 53	16 26	6 40	23 29	1 8	19 58	0 28	22 28	0 48	0 58	0 42	1 31	1 46	27 25	9 0	8 23	8 20	0 45	7 22	2 19
S 11	9 3	13 14	5 3	18 15	2 47	16 4	6 31	23 28	1 10	20 1	0 28	22 29	0 48	0 56	0 42	1 30	1 46	27 25	9 0	8 23	8 19	0 46	7 21	2 19
S 12	9 25	10 11	4 37	18 5	2 40	15 41	6 21	23 26	1 11	20 4	0 28	22 29	0 48	0 55	0 42	1 30	1 46	27 25	9 0	8 23	8 18	0 48	7 20	2 19
M13	9 47	6 46	3 58	17 51	2 31	15 17	6 10	23 25	1 13	20 6	0 28	22 30	0 47	0 54	0 42	1 29	1 46	27 25	9 0	8 23	8 17	0 50	7 19	2 19
T 14	10 9	3 6	3 10	17 32	2 20	14 53	5 58	23 23	1 15	20 9	0 28	22 30	0 47	0 52	0 42	1 28	1 46	27 24	8 59	8 23	8 15	0 52	7 18	2 19
W15	10 31	0n41	2 14	17 8	2 7	14 28	5 46	23 21	1 17	20 12	0 27	22 30	0 47	0 51	0 42	1 28	1 46	27 24	8 59	8 24	8 14	0 54	7 17	2 18
T 16	10 53	4 27	1 12	16 40	1 53	14 3	5 34	23 20	1 19	20 14	0 27	22 31	0 47	0 50	0 42	1 27	1 46	27 24	8 59	8 24	8 13	0 56	7 15	2 18
F 17	11 14	8 4	0 6	16 7	1 37	13 38	5 20	23 18	1 20	20 17	0 27	22 31	0 47	0 48	0 42	1 27	1 46	27 24	8 59	8 24	8 12	0 58	7 14	2 18
S 18	11 36	11 24	1s 0	15 29	1 20	13 12	5 7	23 17	1 22	20 19	0 27	22 32	0 47	0 47	0 42	1 26	1 46	27 24	8 59	8 24	8 11	1 0	7 13	2 18
S 19	11 57	14 16	2 4	14 48	1 1	12 47	4 53	23 15	1 24	20 22	0 27	22 32	0 47	0 45	0 42	1 25	1 46	27 24	8 59	8 24	8 9	1 2	7 12	2 18
M20	12 18	16 33	3 4	14 4	0 41	12 21	4 38	23 14	1 26	20 24	0 27	22 33	0 46	0 44	0 42	1 25	1 46	27 23	8 58	8 23	8 8	1 4	7 11	2 18
T 21	12 39	18 4	3 55	13 18	0 20	11 56	4 23	23 12	1 28	20 27	0 27	22 33	0 46	0 43	0 42	1 24	1 46	27 23	8 58	8 22	8 7	1 6	7 10	2 18
W22	12 59	18 43	4 36	12 31	0n 0	11 32	4 8	23 11	1 30	20 30	0 27	22 34	0 46	0 42	0 42	1 24	1 46	27 23	8 58	8 22	8 6	1 7	7 9	2 18
T 23	13 20	18 25	5 4	11 45	0 21	11 8	3 53	23 9	1 32	20 32	0 26	22 34	0 46	0 40	0 42	1 23	1 46	27 23	8 58	8 21	8 5	1 9	7 8	2 18
F 24	13 40	17 6	5 16	11 1	0 41	10 45	3 38	23 8	1 34	20 35	0 26	22 34	0 46	0 39	0 42	1 23	1 46	27 22	8 58	8 21	8 3	1 11	7 7	2 17
S 25	14 0	14 50	5 12	10 20	0 59	10 22	3 22	23 7	1 36	20 37	0 26	22 35	0 46	0 38	0 42	1 22	1 46	27 22	8 58	8 20	8 2	1 13	7 5	2 17
S 26	14 20	11 42	4 49	9 44	1 16	10 1	3 7	23 6	1 38	20 40	0 26	22 35	0 46	0 36	0 42	1 22	1 46	27 22	8 57	8 20	8 1	1 15	7 4	2 17
M27	14 39	7 49	4 9	9 13	1 32	9 40	2 52	23 4	1 40	20 42	0 26	22 36	0 46	0 35	0 42	1 21	1 46	27 22	8 57	8 21	8 0	1 17	7 3	2 17
T 28	14 58	3 25	3 13	8 48	1 45	9 21	2 37	23 3	1 42	20 45	0 26	22 36	0 45	0 34	0 42	1 21	1 46	27 21	8 57	8 21	7 59	1 19	7 2	2 17
W29	15 17	1s16	2 3	8 28	1 56	9 2	2 22	23 2	1 44	20 47	0 26	22 37	0 45	0 33	0 42	1 20	1 46	27 21	8 57	8 22	7 57	1 21	7 1	2 17
T 30	15 36	5 57	0 45	8 15	2 6	8 45	2 7	23 2	1 46	20 50	0 26	22 37	0 45	0 32	0 42	1 20	1 46	27 21	8 57	8 22	7 56	1 23	7 0	2 17
F 31	15s55	10s17	0n37	8s 8	2n14	8s29	1s52	23n 1	1n49	20s52	0n25	22s38	0n45	0n30	0n42	1n19	1s46	27s21	8s56	8s22	7s55	1n25	6n59	2n17

Julian Day Number = 2103382.5, Delta T = 20m55s
Ecliptic obliquity = 23°33'38, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'10, Lahiri = 10°34'10 Julian Calendar 1 Oct. 1046 == Greg. Calendar 7 Oct. 1046

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1046
geocentric

NOVEMBER 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 2 26	14♏18'23	12♏54	26♎28	17°R 2	25♋18	5♐30	23♐ 9	0♎23	7°R20	6♒39	21°R20	20♎ 6	29♓26	12°R17	S 1
S 2	3 6 23	15°19'05	27°29	26°48	17°D 0	25°33	5°43	23°15	0°26	7♈19	6°39	21♎17	20° 3	29°33	12♈15	S 2
M 3	3 10 19	16°19'49	11♐47	27°17	17♎ 0	25°47	5°56	23°21	0°29	7°18	6°40	21°14	20° 0	29°39	12°13	M 3
T 4	3 14 16	17°20'34	25°42	27°55	17° 3	26° 1	6° 9	23°27	0°32	7°16	6°40	21°10	19°57	29°46	12°10	T 4
W 5	3 18 13	18°21'21	9♑11	28°39	17° 8	26°14	6°23	23°33	0°35	7°15	6°41	21° 6	19°54	29°53	12° 8	W 5
T 6	3 22 9	19°22'08	22°15	29°30	17°16	26°27	6°36	23°40	0°38	7°14	6°41	21° 2	19°50	29°59	12° 6	T 6
F 7	3 26 6	20°22'57	4♒56	0♏27	17°26	26°39	6°49	23°46	0°41	7°13	6°42	21° 0	19°47	0♈ 6	12° 4	F 7
S 8	3 30 2	21°23'47	17°16	1°29	17°38	26°51	7° 3	23°52	0°43	7°12	6°42	20°D59	19°44	0°12	12° 2	S 8
S 9	3 33 59	22°24'37	29°21	2°35	17°52	27° 1	7°16	23°58	0°46	7°11	6°43	20°59	19°41	0°19	12° 0	S 9
M10	3 37 55	23°25'29	11♓16	3°45	18° 8	27°12	7°30	24° 5	0°49	7°10	6°44	21° 0	19°38	0°26	11°58	M10
T 11	3 41 52	24°26'21	23° 4	4°58	18°26	27°21	7°43	24°11	0°51	7° 9	6°44	21° 2	19°35	0°32	11°56	T 11
W12	3 45 48	25°27'14	4♈52	6°14	18°46	27°30	7°57	24°18	0°54	7° 8	6°45	21° 4	19°31	0°39	11°54	W12
T 13	3 49 45	26°28'09	16°44	7°32	19° 8	27°39	8°10	24°24	0°57	7° 7	6°46	21°R 5	19°28	0°46	11°53	T 13
F 14	3 53 42	27°29'04	28°43	8°53	19°32	27°46	8°24	24°31	0°59	7° 6	6°47	21° 4	19°25	0°52	11°51	F 14
S 15	3 57 38	28°30'00	10♉53	10°15	19°58	27°53	8°37	24°37	1° 1	7° 5	6°48	21° 2	19°22	0°59	11°49	S 15
S 16	4 1 35	29°30'57	23°15	11°38	20°26	28° 0	8°51	24°44	1° 4	7° 4	6°48	20°59	19°19	1° 6	11°47	S 16
M17	4 5 31	0♐31'55	5♊52	13° 3	20°55	28° 5	9° 4	24°51	1° 6	7° 3	6°49	20°53	19°15	1°12	11°46	M17
T 18	4 9 28	1°32'54	18°42	14°29	21°26	28°10	9°18	24°57	1° 9	7° 2	6°50	20°46	19°12	1°19	11°44	T 18
W19	4 13 24	2°33'55	1♋46	15°55	21°58	28°14	9°32	25° 4	1°11	7° 2	6°51	20°38	19° 9	1°26	11°43	W19
T 20	4 17 21	3°34'56	15° 3	17°23	22°32	28°18	9°45	25°11	1°13	7° 1	6°52	20°31	19° 6	1°32	11°41	T 20
F 21	4 21 18	4°35'58	28°32	18°51	23° 7	28°20	9°59	25°17	1°15	7° 0	6°53	20°25	19° 3	1°39	11°40	F 21
S 22	4 25 14	5°37'01	12♌11	20°20	23°44	28°22	10°13	25°24	1°17	6°59	6°54	20°20	19° 0	1°46	11°38	S 22
S 23	4 29 11	6°38'06	26° 0	21°50	24°22	28°23	10°26	25°31	1°20	6°59	6°55	20°18	18°56	1°52	11°37	S 23
M24	4 33 7	7°39'11	9♍59	23°19	25° 1	28°R23	10°40	25°38	1°22	6°58	6°56	20°D17	18°53	1°59	11°36	M24
T 25	4 37 4	8°40'17	24° 6	24°50	25°42	28°23	10°54	25°45	1°24	6°57	6°57	20°18	18°50	2° 6	11°35	T 25
W26	4 41 0	9°41'25	8♎21	26°20	26°23	28°22	11° 8	25°52	1°26	6°57	6°58	20°19	18°47	2°12	11°33	W26
T 27	4 44 57	10°42'33	22°42	27°51	27° 6	28°20	11°21	25°59	1°28	6°56	6°59	20°R19	18°44	2°19	11°32	T 27
F 28	4 48 53	11°43'42	7♏ 5	29°22	27°50	28°17	11°35	26° 5	1°29	6°56	7° 0	20°18	18°41	2°26	11°31	F 28
S 29	4 52 50	12°44'52	21°27	0♐54	28°35	28°13	11°49	26°12	1°31	6°55	7° 1	20°15	18°37	2°32	11°30	S 29
S 30	4 56 47	13♐46'03	5♐43	2♐26	29♎21	28♋ 8	12♐ 2	26♐19	1♎33	6♈55	7♒ 3	20♎ 8	18♎34	2♈39	11♈29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s13	13s57	1n56	8s 6	2n19	8s14	1s38	23n 0	1n51	20s55	0n25	22s38	0n45	0n29	0n42	1n19	1s46	27s20	8s56	8s22	7s54	1n27	6n58	2n16
S 2	16 31	16 40	3 6	8 9	2 23	8 0	1 24	22 59	1 53	20 57	0 25	22 38	0 45	0 28	0 42	1 18	1 46	27 20	8 56	8 21	7 53	1 28	6 57	2 16
M 3	16 48	18 18	4 3	8 17	2 26	7 48	1 10	22 59	1 55	21 0	0 25	22 39	0 45	0 27	0 42	1 18	1 45	27 20	8 56	8 19	7 51	1 30	6 56	2 16
T 4	17 6	18 46	4 44	8 29	2 27	7 36	0 57	22 58	1 57	21 2	0 25	22 39	0 45	0 26	0 42	1 17	1 45	27 19	8 56	8 18	7 50	1 32	6 55	2 16
W 5	17 23	18 8	5 7	8 45	2 27	7 26	0 44	22 58	2 0	21 4	0 25	22 40	0 45	0 25	0 42	1 17	1 45	27 19	8 56	8 16	7 49	1 34	6 54	2 16
T 6	17 40	16 33	5 14	9 4	2 26	7 17	0 31	22 58	2 2	21 7	0 25	22 40	0 44	0 24	0 42	1 16	1 45	27 19	8 55	8 15	7 48	1 36	6 53	2 16
F 7	17 56	14 12	5 5	9 26	2 24	7 10	0 19	22 58	2 4	21 9	0 25	22 40	0 44	0 22	0 42	1 16	1 45	27 18	8 55	8 14	7 47	1 38	6 52	2 16
S 8	18 12	11 16	4 42	9 50	2 21	7 3	0 7	22 58	2 7	21 12	0 25	22 41	0 44	0 21	0 42	1 16	1 45	27 18	8 55	8 14	7 45	1 40	6 51	2 15
S 9	18 28	7 54	4 6	10 16	2 18	6 58	0n 5	22 58	2 9	21 14	0 24	22 41	0 44	0 20	0 42	1 15	1 45	27 18	8 55	8 14	7 44	1 42	6 50	2 15
M10	18 43	4 17	3 21	10 44	2 14	6 54	0 16	22 59	2 12	21 16	0 24	22 42	0 44	0 19	0 42	1 15	1 45	27 17	8 55	8 14	7 43	1 44	6 50	2 15
T 11	18 59	0 31	2 27	11 13	2 9	6 51	0 27	22 59	2 14	21 19	0 24	22 42	0 44	0 18	0 42	1 14	1 45	27 17	8 55	8 15	7 42	1 45	6 49	2 15
W12	19 13	3n17	1 28	11 43	2 4	6 49	0 38	23 0	2 16	21 21	0 24	22 42	0 44	0 17	0 42	1 14	1 45	27 17	8 54	8 15	7 41	1 47	6 48	2 15
T 13	19 28	6 58	0 24	12 14	1 58	6 48	0 48	23 0	2 19	21 23	0 24	22 43	0 44	0 16	0 42	1 14	1 45	27 16	8 54	8 16	7 39	1 49	6 47	2 15
F 14	19 42	10 26	0s42	12 46	1 52	6 48	0 57	23 1	2 21	21 25	0 24	22 43	0 44	0 15	0 42	1 13	1 45	27 16	8 54	8 16	7 38	1 51	6 46	2 14
S 15	19 56	13 29	1 46	13 18	1 46	6 49	1 7	23 2	2 24	21 28	0 24	22 44	0 44	0 14	0 42	1 13	1 45	27 16	8 54	8 15	7 37	1 53	6 45	2 14
S 16	20 9	16 0	2 46	13 50	1 39	6 51	1 16	23 3	2 26	21 30	0 24	22 44	0 43	0 13	0 42	1 13	1 45	27 15	8 54	8 14	7 36	1 55	6 44	2 14
M17	20 22	17 47	3 39	14 22	1 32	6 54	1 24	23 5	2 29	21 32	0 24	22 44	0 43	0 12	0 42	1 12	1 45	27 15	8 54	8 11	7 35	1 57	6 44	2 14
T 18	20 35	18 43	4 23	14 54	1 26	6 58	1 33	23 6	2 32	21 34	0 24	22 45	0 43	0 12	0 43	1 12	1 45	27 14	8 53	8 9	7 33	1 59	6 43	2 14
W19	20 47	18 40	4 53	15 26	1 19	7 3	1 41	23 8	2 34	21 36	0 23	22 45	0 43	0 11	0 43	1 12	1 45	27 14	8 53	8 6	7 32	2 1	6 42	2 14
T 20	20 59	17 37	5 8	15 58	1 11	7 8	1 48	23 10	2 37	21 38	0 23	22 45	0 43	0 10	0 43	1 12	1 45	27 14	8 53	8 3	7 31	2 2	6 41	2 14
F 21	21 10	15 34	5 6	16 29	1 4	7 15	1 55	23 12	2 39	21 41	0 23	22 46	0 43	0 9	0 43	1 11	1 45	27 13	8 53	8 1	7 30	2 4	6 41	2 13
S 22	21 21	12 38	4 47	17 0	0 57	7 22	2 2	23 14	2 42	21 43	0 23	22 46	0 43	0 8	0 43	1 11	1 45	27 13	8 53	7 59	7 28	2 6	6 40	2 13
S 23	21 32	8 58	4 11	17 31	0 50	7 30	2 9	23 16	2 45	21 45	0 23	22 46	0 43	0 7	0 43	1 11	1 45	27 12	8 53	7 58	7 27	2 8	6 39	2 13
M24	21 42	4 46	3 20	18 1	0 42	7 38	2 15	23 19	2 47	21 47	0 23	22 47	0 43	0 7	0 43	1 11	1 45	27 12	8 53	7 58	7 26	2 10	6 39	2 13
T 25	21 52	0 16	2 17	18 30	0 35	7 47	2 21	23 22	2 50	21 49	0 23	22 47	0 43	0 6	0 43	1 11	1 45	27 12	8 52	7 58	7 25	2 12	6 38	2 13
W26	22 1	4s19	1 4	18 59	0 28	7 57	2 27	23 25	2 53	21 51	0 23	22 47	0 43	0 5	0 43	1 10	1 44	27 11	8 52	7 59	7 24	2 14	6 37	2 12
T 27	22 10	8 40	0n13	19 27	0 21	8 8	2 32	23 28	2 55	21 53	0 23	22 47	0 42	0 4	0 43	1 10	1 44	27 11	8 52	7 59	7 22	2 16	6 37	2 12
F 28	22 18	12 33	1 29	19 54	0 14	8 19	2 37	23 31	2 58	21 55	0 23	22 48	0 42	0 4	0 43	1 10	1 44	27 10	8 52	7 58	7 21	2 18	6 36	2 12
S 29	22 26	15 39	2 39	20 20	0 6	8 30	2 42	23 34	3 1	21 57	0 22	22 48	0 42	0 3	0 43	1 10	1 44	27 10	8 52	7 57	7 20	2 19	6 36	2 12
S 30	22s34	17s46	3n39	20s46	0s 1	8s42	2n47	23n38	3n 4	21s59	0n22	22s48	0n42	0n 2	0n43	1n10	1s44	27s 9	8s52	7s55	7s19	2n21	6n35	2n12

Julian Day Number = 2103413.5, Delta T = 20m54s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'14, Lahiri = 10°34'15 Julian Calendar 1 Nov. 1046 == Greg. Calendar 7 Nov. 1046

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ASTRODIENST EPHEMERIS for the year 1046
geocentric

DECEMBER 1046 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	5 0 43	14♐47'14	19♐46	3♐57	0♏ 8	28°R 3	12♐16	26♐26	1♎35	6°R54	7♒ 4	20°R 0	18♎31	2♈45	11°R28	M 1
T 2	5 4 40	15°48'26	3♑33	5°30	0°56	27♋57	12°30	26°33	1°36	6♈54	7° 5	19♎50	18°28	2°52	11♈27	T 2
W 3	5 8 36	16°49'38	16°59	7° 2	1°45	27°50	12°44	26°40	1°38	6°54	7° 6	19°40	18°25	2°59	11°27	W 3
T 4	5 12 33	17°50'50	0♒ 3	8°35	2°34	27°42	12°57	26°47	1°39	6°53	7° 8	19°30	18°21	3° 5	11°26	T 4
F 5	5 16 29	18°52'02	12°46	10° 8	3°25	27°33	13°11	26°54	1°41	6°53	7° 9	19°22	18°18	3°12	11°25	F 5
S 6	5 20 26	19°53'14	25° 8	11°41	4°16	27°23	13°25	27° 1	1°42	6°53	7°10	19°17	18°15	3°19	11°24	S 6
S 7	5 24 22	20°54'27	7♓14	13°14	5° 8	27°13	13°38	27° 8	1°44	6°53	7°11	19°13	18°12	3°25	11°24	S 7
M 8	5 28 19	21°55'39	19° 9	14°48	6° 1	27° 2	13°52	27°16	1°45	6°52	7°13	19°D12	18° 9	3°32	11°23	M 8
T 9	5 32 16	22°56'51	0♈58	16°21	6°54	26°50	14° 6	27°23	1°46	6°52	7°14	19°12	18° 6	3°39	11°23	T 9
W10	5 36 12	23°58'03	12°46	17°56	7°48	26°37	14°19	27°30	1°48	6°52	7°15	19°13	18° 2	3°45	11°22	W10
T 11	5 40 9	24°59'15	24°39	19°30	8°43	26°23	14°33	27°37	1°49	6°52	7°17	19°R13	17°59	3°52	11°22	T 11
F 12	5 44 5	26° 0'27	6♉41	21° 5	9°38	26° 9	14°47	27°44	1°50	6°52	7°18	19°11	17°56	3°59	11°22	F 12
S 13	5 48 2	27° 1'38	18°58	22°40	10°34	25°54	15° 0	27°51	1°51	6°D52	7°20	19° 7	17°53	4° 5	11°21	S 13
S 14	5 51 58	28° 2'49	1♊32	24°15	11°30	25°38	15°14	27°58	1°52	6°52	7°21	19° 1	17°50	4°12	11°21	S 14
M15	5 55 55	29° 4'01	14°24	25°51	12°28	25°21	15°27	28° 5	1°53	6°52	7°22	18°51	17°47	4°19	11°21	M15
T 16	5 59 51	0♋ 5'12	27°36	27°27	13°25	25° 4	15°41	28°12	1°54	6°52	7°24	18°40	17°43	4°25	11°21	T 16
W17	6 3 48	1° 6'23	11♌ 5	29° 3	14°23	24°46	15°55	28°19	1°55	6°52	7°25	18°27	17°40	4°32	11°D21	W17
T 18	6 7 45	2° 7'34	24°49	0♋40	15°22	24°28	16° 8	28°26	1°56	6°53	7°27	18°15	17°37	4°39	11°21	T 18
F 19	6 11 41	3° 8'44	8♎43	2°17	16°21	24° 8	16°21	28°33	1°56	6°53	7°28	18° 4	17°34	4°45	11°21	F 19
S 20	6 15 38	4° 9'55	22°45	3°55	17°21	23°49	16°35	28°40	1°57	6°53	7°30	17°56	17°31	4°52	11°21	S 20
S 21	6 19 34	5°11'05	6♍50	5°33	18°21	23°28	16°48	28°47	1°58	6°53	7°31	17°51	17°27	4°58	11°21	S 21
M22	6 23 31	6°12'16	20°56	7°12	19°21	23° 7	17° 2	28°55	1°58	6°54	7°33	17°48	17°24	5° 5	11°22	M22
T 23	6 27 27	7°13'26	5♎ 2	8°51	20°22	22°46	17°15	29° 2	1°59	6°54	7°35	17°D47	17°21	5°12	11°22	T 23
W24	6 31 24	8°14'36	19° 6	10°30	21°23	22°24	17°28	29° 9	1°59	6°54	7°36	17°R47	17°18	5°18	11°22	W24
T 25	6 35 20	9°15'46	3♏ 8	12°10	22°25	22° 2	17°42	29°16	2° 0	6°55	7°38	17°47	17°15	5°25	11°23	T 25
F 26	6 39 17	10°16'56	17° 7	13°51	23°27	21°39	17°55	29°23	2° 0	6°55	7°39	17°44	17°12	5°32	11°23	F 26
S 27	6 43 14	11°18'06	1♐ 1	15°31	24°30	21°16	18° 8	29°30	2° 0	6°56	7°41	17°39	17° 8	5°38	11°24	S 27
S 28	6 47 10	12°19'16	14°49	17°13	25°32	20°53	18°21	29°37	2° 0	6°56	7°43	17°30	17° 5	5°45	11°24	S 28
M29	6 51 7	13°20'25	28°28	18°54	26°36	20°29	18°34	29°44	2° 1	6°57	7°44	17°19	17° 2	5°52	11°25	M29
T 30	6 55 3	14°21'33	11♑54	20°37	27°39	20° 5	18°48	29°50	2° 1	6°57	7°46	17° 6	16°59	5°58	11°26	T 30
W31	6 59 0	15♑22'41	25♑ 5	22♑19	28♏43	19♋41	19♐ 1	29♐57	2♎ 1	6♈58	7♒47	16♎52	16♎56	6♈ 5	11♈27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22s41	18s46	4n24	21s10	0s 8	8s55	2n51	23n42	3n 6	22s 1	0n22	22s49	0n42	0n 2	0n43	1n10	1s44	27s 9	8s52	7s51	7s18	2n23	6n35	2n12
T 2	22 48	18 38	4 53	21 34	0 14	9 7	2 55	23 46	3 9	22 2	0 22	22 49	0 42	0 1	0 43	1 10	1 44	27 9	8 51	7 48	7 16	2 25	6 34	2 11
W 3	22 54	17 26	5 5	21 56	0 21	9 21	2 59	23 50	3 12	22 4	0 22	22 49	0 42	0 0	0 43	1 9	1 44	27 8	8 51	7 44	7 15	2 27	6 34	2 11
T 4	23 0	15 21	5 0	22 18	0 28	9 35	3 2	23 54	3 14	22 6	0 22	22 49	0 42	0s 0	0 43	1 9	1 44	27 8	8 51	7 40	7 14	2 29	6 33	2 11
F 5	23 5	12 35	4 41	22 39	0 34	9 49	3 5	23 59	3 17	22 8	0 22	22 50	0 42	0 1	0 43	1 9	1 44	27 7	8 51	7 37	7 13	2 31	6 33	2 11
S 6	23 10	9 19	4 8	22 58	0 41	10 3	3 8	24 3	3 20	22 10	0 22	22 50	0 42	0 1	0 43	1 9	1 44	27 7	8 51	7 35	7 12	2 33	6 32	2 11
S 7	23 15	5 43	3 25	23 17	0 47	10 18	3 11	24 8	3 22	22 12	0 22	22 50	0 42	0 2	0 43	1 9	1 44	27 6	8 51	7 34	7 10	2 34	6 32	2 11
M 8	23 19	1 58	2 34	23 34	0 53	10 33	3 14	24 13	3 25	22 13	0 22	22 50	0 42	0 2	0 43	1 9	1 44	27 6	8 51	7 33	7 9	2 36	6 31	2 10
T 9	23 22	1n51	1 36	23 50	0 59	10 48	3 16	24 18	3 28	22 15	0 22	22 51	0 41	0 3	0 43	1 9	1 44	27 5	8 51	7 33	7 8	2 38	6 31	2 10
W10	23 25	5 36	0 34	24 5	1 4	11 4	3 18	24 23	3 30	22 17	0 22	22 51	0 41	0 3	0 43	1 9	1 44	27 5	8 51	7 34	7 7	2 40	6 31	2 10
T 11	23 28	9 9	0s29	24 18	1 10	11 19	3 20	24 28	3 33	22 18	0 21	22 51	0 41	0 4	0 43	1 9	1 44	27 4	8 50	7 34	7 5	2 42	6 30	2 10
F 12	23 30	12 22	1 32	24 31	1 15	11 35	3 21	24 33	3 35	22 20	0 21	22 51	0 41	0 4	0 43	1 9	1 44	27 4	8 50	7 33	7 4	2 44	6 30	2 10
S 13	23 32	15 7	2 31	24 42	1 20	11 51	3 23	24 38	3 38	22 22	0 21	22 51	0 41	0 5	0 43	1 9	1 44	27 4	8 50	7 31	7 3	2 46	6 30	2 9
S 14	23 33	17 13	3 25	24 51	1 25	12 8	3 24	24 44	3 40	22 23	0 21	22 52	0 41	0 5	0 43	1 9	1 44	27 3	8 50	7 29	7 2	2 48	6 30	2 9
M15	23 33	18 31	4 10	25 0	1 30	12 24	3 25	24 49	3 43	22 25	0 21	22 52	0 41	0 5	0 43	1 9	1 43	27 3	8 50	7 25	7 1	2 49	6 29	2 9
T 16	23 34	18 51	4 42	25 7	1 34	12 40	3 26	24 55	3 45	22 26	0 21	22 52	0 41	0 6	0 43	1 10	1 43	27 2	8 50	7 21	6 59	2 51	6 29	2 9
W17	23 33	18 8	4 59	25 12	1 39	12 57	3 27	25 0	3 47	22 28	0 21	22 52	0 41	0 6	0 44	1 10	1 43	27 2	8 50	7 16	6 58	2 53	6 29	2 9
T 18	23 33	16 22	5 0	25 16	1 43	13 13	3 27	25 6	3 50	22 29	0 21	22 52	0 41	0 6	0 44	1 10	1 43	27 1	8 50	7 12	6 57	2 55	6 29	2 9
F 19	23 31	13 38	4 42	25 19	1 46	13 30	3 27	25 12	3 52	22 31	0 21	22 52	0 41	0 7	0 44	1 10	1 43	27 1	8 50	7 7	6 56	2 57	6 29	2 8
S 20	23 30	10 5	4 8	25 20	1 50	13 47	3 27	25 17	3 54	22 32	0 21	22 52	0 41	0 7	0 44	1 10	1 43	27 0	8 50	7 4	6 54	2 59	6 29	2 8
S 21	23 27	5 58	3 19	25 19	1 53	14 3	3 27	25 23	3 56	22 34	0 21	22 53	0 41	0 7	0 44	1 10	1 43	27 0	8 50	7 2	6 53	3 1	6 29	2 8
M22	23 25	1 31	2 17	25 17	1 56	14 20	3 27	25 28	3 58	22 35	0 21	22 53	0 41	0 7	0 44	1 10	1 43	26 59	8 50	7 1	6 52	3 2	6 28	2 8
T 23	23 22	3s 2	1 7	25 14	1 58	14 36	3 27	25 34	4 0	22 36	0 20	22 53	0 41	0 7	0 44	1 11	1 43	26 59	8 50	7 1	6 51	3 4	6 28	2 8
W24	23 18	7 24	0n 7	25 8	2 0	14 53	3 26	25 39	4 1	22 38	0 20	22 53	0 40	0 7	0 44	1 11	1 43	26 58	8 49	7 1	6 50	3 6	6 28	2 7
T 25	23 14	11 22	1 20	25 1	2 2	15 9	3 26	25 45	4 3	22 39	0 20	22 53	0 40	0 8	0 44	1 11	1 43	26 58	8 49	7 1	6 48	3 8	6 28	2 7
F 26	23 10	14 39	2 28	24 53	2 3	15 26	3 25	25 50	4 5	22 40	0 20	22 53	0 40	0 8	0 44	1 11	1 43	26 57	8 49	7 0	6 47	3 10	6 28	2 7
S 27	23 5	17 5	3 27	24 43	2 4	15 42	3 24	25 55	4 6	22 42	0 20	22 53	0 40	0 8	0 44	1 11	1 43	26 57	8 49	6 58	6 46	3 12	6 28	2 7
S 28	22 59	18 30	4 13	24 31	2 5	15 58	3 23	26 1	4 8	22 43	0 20	22 53	0 40	0 8	0 44	1 12	1 43	26 56	8 49	6 54	6 45	3 14	6 29	2 7
M29	22 53	18 49	4 44	24 17	2 5	16 13	3 21	26 6	4 9	22 44	0 20	22 53	0 40	0 8	0 44	1 12	1 43	26 56	8 49	6 50	6 43	3 15	6 29	2 7
T 30	22 47	18 4	4 59	24 1	2 5	16 29	3 20	26 10	4 10	22 45	0 20	22 53	0 40	0 8	0 44	1 12	1 43	26 55	8 49	6 45	6 42	3 17	6 29	2 6
W31	22s40	16s21	4n57	23s44	2s 4	16s45	3n19	26n15	4n11	22s46	0n20	22s54	0n40	0s 8	0n44	1n13	1s43	26s55	8s49	6s40	6s41	3n19	6n29	2n 6

Julian Day Number = 2103443.5, Delta T = 20m54s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'18, Lahiri = 10°34'19 Julian Calendar 1 Dec. 1046 == Greg. Calendar 7 Dec. 1046

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

JANUARY 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	7 2 56	16♉23'48	7♒59	24♉ 2	29♏47	19°R17	19♐14	0♉ 4	2°R 1	6♈59	7♒49	16°R39	16♎53	6♈12	11♈27	T 1
F 2	7 6 53	17°24'54	20°36	25°45	0♐51	18♋53	19°27	0°11	2♎ 1	6°59	7°51	16♎27	16°49	6°18	11°28	F 2
S 3	7 10 49	18°25'59	2♓55	27°28	1°56	18°29	19°39	0°18	2° 1	7° 0	7°53	16°18	16°46	6°25	11°29	S 3
S 4	7 14 46	19°27'03	15° 0	29°12	3° 0	18° 5	19°52	0°25	2° 1	7° 1	7°54	16°13	16°43	6°32	11°30	S 4
M 5	7 18 43	20°28'06	26°55	0♒55	4° 6	17°41	20° 5	0°32	2° 0	7° 2	7°56	16° 9	16°40	6°38	11°31	M 5
T 6	7 22 39	21°29'08	8♈43	2°39	5°11	17°17	20°18	0°38	2° 0	7° 3	7°58	16° 8	16°37	6°45	11°32	T 6
W 7	7 26 36	22°30'09	20°31	4°22	6°16	16°53	20°31	0°45	2° 0	7° 3	7°59	16° 8	16°33	6°52	11°34	W 7
T 8	7 30 32	23°31'08	2♉23	6° 4	7°22	16°30	20°43	0°52	1°59	7° 4	8° 1	16° 8	16°30	6°58	11°35	T 8
F 9	7 34 29	24°32'07	14°25	7°46	8°28	16° 7	20°56	0°59	1°59	7° 5	8° 3	16° 6	16°27	7° 5	11°36	F 9
S 10	7 38 25	25°33'04	26°43	9°27	9°35	15°44	21° 8	1° 5	1°58	7° 6	8° 4	16° 3	16°24	7°11	11°37	S 10
S 11	7 42 22	26°33'59	9♊21	11° 7	10°41	15°22	21°21	1°12	1°58	7° 7	8° 6	15°57	16°21	7°18	11°39	S 11
M12	7 46 18	27°34'54	22°22	12°45	11°48	14°59	21°33	1°19	1°57	7° 8	8° 8	15°48	16°18	7°25	11°40	M12
T 13	7 50 15	28°35'47	5♋48	14°21	12°54	14°38	21°46	1°25	1°57	7° 9	8°10	15°37	16°14	7°31	11°42	T 13
W14	7 54 12	29°36'39	19°36	15°55	14° 1	14°17	21°58	1°32	1°56	7°10	8°11	15°24	16°11	7°38	11°43	W14
T 15	7 58 8	0♒37'29	3♌43	17°26	15° 9	13°56	22°10	1°38	1°55	7°11	8°13	15°12	16° 8	7°45	11°45	T 15
F 16	8 2 5	1°38'19	18° 5	18°53	16°16	13°36	22°22	1°45	1°54	7°13	8°15	15° 2	16° 5	7°51	11°46	F 16
S 17	8 6 1	2°39'07	2♍35	20°16	17°24	13°16	22°34	1°51	1°53	7°14	8°17	14°53	16° 2	7°58	11°48	S 17
S 18	8 9 58	3°39'54	17° 6	21°34	18°31	12°57	22°46	1°58	1°53	7°15	8°19	14°48	15°59	8° 5	11°50	S 18
M19	8 13 54	4°40'40	1♎33	22°46	19°39	12°39	22°58	2° 4	1°52	7°16	8°20	14°45	15°55	8°11	11°51	M19
T 20	8 17 51	5°41'25	15°52	23°53	20°47	12°21	23°10	2°10	1°51	7°17	8°22	14°D44	15°52	8°18	11°53	T 20
W21	8 21 47	6°42'08	0♏ 1	24°52	21°56	12° 4	23°22	2°16	1°49	7°19	8°24	14°R45	15°49	8°25	11°55	W21
T 22	8 25 44	7°42'51	13°59	25°43	23° 4	11°48	23°34	2°23	1°48	7°20	8°26	14°45	15°46	8°31	11°57	T 22
F 23	8 29 41	8°43'33	27°45	26°26	24°13	11°32	23°46	2°29	1°47	7°21	8°27	14°43	15°43	8°38	11°59	F 23
S 24	8 33 37	9°44'13	11♐21	27° 0	25°21	11°17	23°57	2°35	1°46	7°23	8°29	14°39	15°39	8°44	12° 1	S 24
S 25	8 37 34	10°44'53	24°46	27°24	26°30	11° 3	24° 9	2°41	1°45	7°24	8°31	14°33	15°36	8°51	12° 3	S 25
M26	8 41 30	11°45'31	7♉59	27°38	27°39	10°50	24°20	2°47	1°43	7°26	8°33	14°23	15°33	8°58	12° 5	M26
T 27	8 45 27	12°46'07	21° 1	27°R42	28°48	10°37	24°31	2°53	1°42	7°27	8°34	14°12	15°30	9° 4	12° 7	T 27
W28	8 49 23	13°46'42	3♒51	27°35	29°57	10°25	24°43	2°59	1°41	7°29	8°36	14° 1	15°27	9°11	12° 9	W28
T 29	8 53 20	14°47'16	16°27	27°17	1♉ 6	10°14	24°54	3° 5	1°39	7°30	8°38	13°50	15°24	9°18	12°12	T 29
F 30	8 57 16	15°47'48	28°51	26°50	2°16	10° 4	25° 5	3°11	1°38	7°32	8°40	13°40	15°20	9°24	12°14	F 30
S 31	9 1 13	16♒48'18	11♓ 2	26♒14	3♉25	9♋54	25♐16	3♉17	1♎36	7♈33	8♒42	13♎33	15♎17	9♈31	12♈16	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s33	13s51	4n40	23s25	2s 3	17s 0	3n17	26n20	4n13	22s47	0n20	22s54	0n40	0s 8	0n44	1n13	1s43	26s54	8s49	6s34	6s40	3n21	6n29	2n 6
F 2	22 25	10 45	4 9	23 5	2 1	17 15	3 15	26 24	4 13	22 49	0 20	22 54	0 40	0 8	0 44	1 13	1 42	26 54	8 49	6 30	6 39	3 23	6 29	2 6
S 3	22 17	7 15	3 27	22 42	1 58	17 30	3 13	26 28	4 14	22 50	0 20	22 54	0 40	0 8	0 44	1 14	1 42	26 54	8 49	6 27	6 37	3 25	6 29	2 6
S 4	22 8	3 31	2 37	22 18	1 55	17 44	3 11	26 33	4 15	22 51	0 20	22 54	0 40	0 8	0 44	1 14	1 42	26 53	8 49	6 24	6 36	3 26	6 30	2 5
M 5	22 0	0n18	1 40	21 52	1 52	17 58	3 9	26 36	4 16	22 52	0 20	22 54	0 40	0 8	0 44	1 14	1 42	26 53	8 49	6 23	6 35	3 28	6 30	2 5
T 6	21 50	4 5	0 39	21 25	1 48	18 12	3 7	26 40	4 16	22 53	0 19	22 54	0 40	0 7	0 44	1 15	1 42	26 52	8 49	6 23	6 34	3 30	6 30	2 5
W 7	21 40	7 42	0s23	20 56	1 43	18 26	3 5	26 44	4 16	22 54	0 19	22 54	0 40	0 7	0 44	1 15	1 42	26 52	8 49	6 23	6 32	3 32	6 30	2 5
T 8	21 30	11 2	1 25	20 25	1 37	18 39	3 2	26 47	4 17	22 55	0 19	22 54	0 40	0 7	0 44	1 15	1 42	26 51	8 49	6 23	6 31	3 34	6 31	2 5
F 9	21 19	13 57	2 24	19 53	1 31	18 52	3 0	26 50	4 17	22 56	0 19	22 54	0 40	0 7	0 44	1 16	1 42	26 51	8 49	6 22	6 30	3 36	6 31	2 5
S 10	21 8	16 19	3 18	19 20	1 24	19 5	2 57	26 53	4 17	22 57	0 19	22 54	0 40	0 7	0 44	1 16	1 42	26 50	8 49	6 21	6 29	3 38	6 31	2 4
S 11	20 57	17 58	4 3	18 45	1 16	19 17	2 55	26 56	4 17	22 57	0 19	22 54	0 40	0 6	0 44	1 17	1 42	26 50	8 49	6 18	6 28	3 39	6 32	2 4
M12	20 45	18 44	4 37	18 9	1 8	19 29	2 52	26 58	4 17	22 58	0 19	22 54	0 40	0 6	0 44	1 17	1 42	26 49	8 49	6 15	6 26	3 41	6 32	2 4
T 13	20 33	18 29	4 57	17 32	0 58	19 40	2 49	27 0	4 17	22 59	0 19	22 54	0 39	0 6	0 45	1 18	1 42	26 49	8 49	6 10	6 25	3 43	6 33	2 4
W14	20 20	17 10	5 1	16 55	0 48	19 51	2 46	27 2	4 16	23 0	0 19	22 54	0 39	0 5	0 45	1 18	1 42	26 48	8 49	6 6	6 24	3 45	6 33	2 4
T 15	20 7	14 47	4 46	16 17	0 37	20 2	2 43	27 4	4 16	23 1	0 19	22 54	0 39	0 5	0 45	1 19	1 42	26 48	8 49	6 1	6 23	3 47	6 34	2 4
F 16	19 54	11 28	4 13	15 39	0 25	20 12	2 40	27 6	4 15	23 2	0 19	22 54	0 39	0 5	0 45	1 19	1 42	26 47	8 49	5 57	6 21	3 49	6 34	2 3
S 17	19 40	7 26	3 24	15 0	0 13	20 21	2 37	27 7	4 15	23 2	0 19	22 54	0 39	0 4	0 45	1 20	1 42	26 47	8 49	5 54	6 20	3 50	6 35	2 3
S 18	19 26	2 57	2 21	14 23	0n 1	20 31	2 34	27 9	4 14	23 3	0 19	22 53	0 39	0 4	0 45	1 20	1 42	26 47	8 49	5 52	6 19	3 52	6 35	2 3
M19	19 11	1s41	1 10	13 46	0 15	20 39	2 30	27 10	4 13	23 4	0 19	22 53	0 39	0 4	0 45	1 21	1 42	26 46	8 49	5 50	6 18	3 54	6 36	2 3
T 20	18 57	6 11	0n 6	13 10	0 30	20 48	2 27	27 10	4 13	23 5	0 19	22 53	0 39	0 3	0 45	1 21	1 42	26 46	8 49	5 50	6 17	3 56	6 36	2 3
W21	18 41	10 17	1 20	12 35	0 45	20 55	2 24	27 11	4 12	23 5	0 18	22 53	0 39	0 3	0 45	1 22	1 42	26 45	8 49	5 50	6 15	3 58	6 37	2 3
T 22	18 26	13 45	2 29	12 3	1 1	21 3	2 20	27 12	4 11	23 6	0 18	22 53	0 39	0 2	0 45	1 22	1 41	26 45	8 49	5 50	6 14	4 0	6 37	2 2
F 23	18 10	16 23	3 28	11 33	1 17	21 9	2 17	27 12	4 10	23 6	0 18	22 53	0 39	0 2	0 45	1 23	1 41	26 44	8 49	5 50	6 13	4 1	6 38	2 2
S 24	17 54	18 3	4 14	11 6	1 34	21 16	2 13	27 12	4 9	23 7	0 18	22 53	0 39	0 1	0 45	1 24	1 41	26 44	8 50	5 48	6 12	4 3	6 39	2 2
S 25	17 38	18 42	4 46	10 42	1 50	21 21	2 10	27 12	4 7	23 8	0 18	22 53	0 39	0 1	0 45	1 24	1 41	26 43	8 50	5 46	6 10	4 5	6 39	2 2
M26	17 21	18 18	5 2	10 22	2 7	21 26	2 6	27 12	4 6	23 8	0 18	22 53	0 39	0 0	0 45	1 25	1 41	26 43	8 50	5 42	6 9	4 7	6 40	2 2
T 27	17 4	16 56	5 2	10 6	2 23	21 31	2 2	27 12	4 5	23 9	0 18	22 53	0 39	0n 0	0 45	1 25	1 41	26 43	8 50	5 38	6 8	4 9	6 41	2 2
W28	16 46	14 45	4 46	9 54	2 38	21 35	1 59	27 12	4 4	23 9	0 18	22 53	0 39	0 1	0 45	1 26	1 41	26 42	8 50	5 33	6 7	4 10	6 41	2 1
T 29	16 29	11 54	4 17	9 47	2 52	21 38	1 55	27 11	4 2	23 10	0 18	22 53	0 39	0 2	0 45	1 27	1 41	26 42	8 50	5 29	6 5	4 12	6 42	2 1
F 30	16 11	8 34	3 35	9 43	3 5	21 41	1 51	27 11	4 1	23 10	0 18	22 52	0 39	0 2	0 45	1 27	1 41	26 41	8 50	5 25	6 4	4 14	6 43	2 1
S 31	15s53	4s56	2n45	9s45	3n17	21s44	1n47	27n10	3n59	23s11	0n18	22s52	0n39	0n 3	0n45	1n28	1s41	26s41	8s50	5s22	6s 3	4n16	6n44	2n 1

Julian Day Number = 2103474.5, Delta T = 20m54s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'23, Lahiri = 10°34'23 Julian Calendar 1 Jan. 1047 == Greg. Calendar 7 Jan. 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

FEBRUARY 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	9 5 10	17♒48'46	23♓ 2	25°R30	4♑35	9°R46	25♐27	3♑22	1°R34	7♈35	8♒43	13°R28	15♎14	9♈38	12♈19	S 1
M 2	9 9 6	18°49'13	4♈54	24♒38	5°45	9♋38	25°38	3°28	1♎33	7°36	8°45	13♎26	15°11	9°44	12°21	M 2
T 3	9 13 3	19°49'37	16°41	23°41	6°54	9°31	25°48	3°34	1°31	7°38	8°47	13°D25	15° 8	9°51	12°24	T 3
W 4	9 16 59	20°50'00	28°28	22°39	8° 4	9°25	25°59	3°39	1°29	7°40	8°49	13°26	15° 5	9°58	12°26	W 4
T 5	9 20 56	21°50'21	10♉19	21°35	9°14	9°19	26° 9	3°45	1°28	7°41	8°50	13°27	15° 1	10° 4	12°29	T 5
F 6	9 24 52	22°50'39	22°20	20°30	10°24	9°14	26°20	3°50	1°26	7°43	8°52	13°R28	14°58	10°11	12°31	F 6
S 7	9 28 49	23°50'56	4♊36	19°25	11°34	9°10	26°30	3°56	1°24	7°45	8°54	13°27	14°55	10°18	12°34	S 7
S 8	9 32 45	24°51'11	17°12	18°23	12°45	9° 7	26°40	4° 1	1°22	7°47	8°55	13°25	14°52	10°24	12°36	S 8
M 9	9 36 42	25°51'23	0♋12	17°24	13°55	9° 5	26°50	4° 6	1°20	7°48	8°57	13°20	14°49	10°31	12°39	M 9
T 10	9 40 39	26°51'34	13°39	16°30	15° 5	9° 3	27° 0	4°11	1°18	7°50	8°59	13°14	14°45	10°37	12°42	T 10
W11	9 44 35	27°51'42	27°33	15°41	16°16	9° 3	27°10	4°17	1°16	7°52	9° 1	13° 6	14°42	10°44	12°44	W11
T 12	9 48 32	28°51'48	11♌53	14°58	17°26	9°D 3	27°20	4°22	1°14	7°54	9° 2	12°59	14°39	10°51	12°47	T 12
F 13	9 52 28	29°51'52	26°32	14°21	18°37	9° 3	27°30	4°27	1°12	7°56	9° 4	12°52	14°36	10°57	12°50	F 13
S 14	9 56 25	0♓51'55	11♍24	13°51	19°47	9° 5	27°39	4°32	1°10	7°58	9° 6	12°47	14°33	11° 4	12°53	S 14
S 15	10 0 21	1°51'55	26°20	13°29	20°58	9° 7	27°49	4°36	1° 8	7°59	9° 7	12°44	14°30	11°11	12°56	S 15
M16	10 4 18	2°51'53	11♎12	13°12	22° 9	9° 9	27°58	4°41	1° 6	8° 1	9° 9	12°D43	14°26	11°17	12°59	M16
T 17	10 8 14	3°51'50	25°54	13° 3	23°20	9°13	28° 7	4°46	1° 4	8° 3	9°11	12°44	14°23	11°24	13° 2	T 17
W18	10 12 11	4°51'45	10♏20	13°D 0	24°31	9°17	28°16	4°51	1° 2	8° 5	9°12	12°45	14°20	11°31	13° 5	W18
T 19	10 16 8	5°51'39	24°28	13° 4	25°42	9°22	28°25	4°55	0°59	8° 7	9°14	12°46	14°17	11°37	13° 8	T 19
F 20	10 20 4	6°51'31	8♐16	13°13	26°53	9°27	28°34	5° 0	0°57	8° 9	9°15	12°R47	14°14	11°44	13°11	F 20
S 21	10 24 1	7°51'21	21°46	13°28	28° 4	9°34	28°43	5° 4	0°55	8°11	9°17	12°46	14°10	11°51	13°14	S 21
S 22	10 27 57	8°51'09	4♑59	13°48	29°15	9°40	28°51	5° 9	0°52	8°13	9°19	12°44	14° 7	11°57	13°17	S 22
M23	10 31 54	9°50'56	17°55	14°14	0♒26	9°48	29° 0	5°13	0°50	8°15	9°20	12°40	14° 4	12° 4	13°20	M23
T 24	10 35 50	10°50'41	0♒38	14°44	1°37	9°56	29° 8	5°17	0°48	8°17	9°22	12°35	14° 1	12°10	13°23	T 24
W25	10 39 47	11°50'24	13° 8	15°18	2°49	10° 4	29°16	5°21	0°45	8°19	9°23	12°29	13°58	12°17	13°26	W25
T 26	10 43 43	12°50'05	25°27	15°57	4° 0	10°14	29°24	5°25	0°43	8°21	9°25	12°24	13°55	12°24	13°29	T 26
F 27	10 47 40	13°49'44	7♓36	16°39	5°11	10°23	29°32	5°29	0°41	8°24	9°26	12°19	13°51	12°30	13°33	F 27
S 28	10 51 37	14♓49'21	19♓36	17♒26	6♒23	10♋34	29♐40	5♑33	0♎38	8♈26	9♒28	12♎16	13♎48	12♈37	13♈36	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15s34	1s 8	1n47	9s50	3n27	21s45	1n44	27n 9	3n58	23s11	0n18	22s52	0n39	0n 4	0n45	1n29	1s41	26s41	8s50	5s20	6s 2	4n18	6n44	2n 1
M 2	15 16	2n39	0 46	10 0	3 35	21 46	1 40	27 8	3 56	23 12	0 18	22 52	0 39	0 4	0 45	1 29	1 41	26 40	8 50	5 20	6 1	4 20	6 45	2 1
T 3	14 57	6 19	0s18	10 13	3 41	21 47	1 36	27 7	3 55	23 12	0 18	22 52	0 39	0 5	0 45	1 30	1 41	26 40	8 50	5 19	5 59	4 21	6 46	2 0
W 4	14 37	9 44	1 20	10 29	3 45	21 47	1 32	27 6	3 53	23 12	0 18	22 52	0 39	0 6	0 45	1 31	1 41	26 39	8 50	5 20	5 58	4 23	6 47	2 0
T 5	14 18	12 46	2 20	10 48	3 47	21 46	1 28	27 5	3 51	23 13	0 17	22 52	0 39	0 6	0 45	1 31	1 41	26 39	8 51	5 20	5 57	4 25	6 48	2 0
F 6	13 58	15 19	3 14	11 9	3 46	21 45	1 24	27 3	3 50	23 13	0 17	22 52	0 39	0 7	0 45	1 32	1 41	26 39	8 51	5 20	5 56	4 27	6 49	2 0
S 7	13 38	17 13	4 1	11 32	3 43	21 43	1 20	27 2	3 48	23 13	0 17	22 51	0 39	0 8	0 45	1 33	1 41	26 38	8 51	5 20	5 54	4 29	6 50	2 0
S 8	13 18	18 20	4 37	11 56	3 38	21 41	1 16	27 1	3 46	23 14	0 17	22 51	0 39	0 9	0 45	1 33	1 41	26 38	8 51	5 19	5 53	4 30	6 50	2 0
M 9	12 58	18 33	5 1	12 20	3 32	21 38	1 12	26 59	3 45	23 14	0 17	22 51	0 39	0 9	0 45	1 34	1 41	26 38	8 51	5 17	5 52	4 32	6 51	2 0
T 10	12 37	17 44	5 9	12 44	3 23	21 34	1 9	26 57	3 43	23 14	0 17	22 51	0 39	0 10	0 45	1 35	1 41	26 37	8 51	5 15	5 51	4 34	6 52	1 59
W11	12 17	15 52	4 59	13 8	3 14	21 30	1 5	26 56	3 41	23 15	0 17	22 51	0 39	0 11	0 45	1 36	1 41	26 37	8 51	5 12	5 49	4 36	6 53	1 59
T 12	11 56	12 59	4 31	13 31	3 3	21 25	1 1	26 54	3 39	23 15	0 17	22 51	0 39	0 12	0 45	1 36	1 41	26 37	8 51	5 9	5 48	4 38	6 54	1 59
F 13	11 35	9 13	3 44	13 53	2 51	21 19	0 57	26 52	3 38	23 15	0 17	22 51	0 38	0 13	0 45	1 37	1 41	26 36	8 52	5 7	5 47	4 40	6 55	1 59
S 14	11 13	4 50	2 42	14 14	2 38	21 13	0 53	26 50	3 36	23 15	0 17	22 51	0 38	0 14	0 45	1 38	1 41	26 36	8 52	5 5	5 46	4 41	6 56	1 59
S 15	10 52	0 7	1 28	14 33	2 25	21 7	0 49	26 48	3 34	23 16	0 17	22 50	0 38	0 14	0 45	1 39	1 41	26 36	8 52	5 3	5 44	4 43	6 57	1 59
M16	10 30	4s35	0 8	14 51	2 11	20 59	0 45	26 46	3 32	23 16	0 17	22 50	0 38	0 15	0 45	1 40	1 41	26 35	8 52	5 3	5 43	4 45	6 58	1 59
T 17	10 8	8 57	1n11	15 7	1 57	20 51	0 41	26 44	3 31	23 16	0 17	22 50	0 38	0 16	0 45	1 40	1 40	26 35	8 52	5 3	5 42	4 47	6 59	1 59
W18	9 47	12 42	2 25	15 21	1 43	20 43	0 37	26 42	3 29	23 16	0 17	22 50	0 38	0 17	0 45	1 41	1 40	26 35	8 52	5 4	5 41	4 49	7 0	1 58
T 19	9 24	15 37	3 28	15 33	1 29	20 34	0 34	26 40	3 27	23 16	0 17	22 50	0 38	0 18	0 46	1 42	1 40	26 34	8 52	5 4	5 40	4 50	7 1	1 58
F 20	9 2	17 33	4 18	15 44	1 16	20 24	0 30	26 38	3 25	23 17	0 17	22 50	0 38	0 19	0 46	1 43	1 40	26 34	8 53	5 4	5 38	4 52	7 2	1 58
S 21	8 40	18 27	4 52	15 53	1 2	20 14	0 26	26 36	3 24	23 17	0 16	22 49	0 38	0 20	0 46	1 44	1 40	26 34	8 53	5 4	5 37	4 54	7 3	1 58
S 22	8 17	18 19	5 9	16 0	0 49	20 3	0 22	26 34	3 22	23 17	0 16	22 49	0 38	0 21	0 46	1 44	1 40	26 33	8 53	5 3	5 36	4 56	7 5	1 58
M23	7 55	17 13	5 11	16 5	0 36	19 51	0 19	26 31	3 20	23 17	0 16	22 49	0 38	0 22	0 46	1 45	1 40	26 33	8 53	5 2	5 35	4 57	7 6	1 58
T 24	7 32	15 17	4 57	16 8	0 23	19 39	0 15	26 29	3 18	23 17	0 16	22 49	0 38	0 23	0 46	1 46	1 40	26 33	8 53	5 0	5 33	4 59	7 7	1 58
W25	7 9	12 39	4 29	16 10	0 10	19 27	0 11	26 27	3 17	23 17	0 16	22 49	0 38	0 24	0 46	1 47	1 40	26 33	8 53	4 57	5 32	5 1	7 8	1 58
T 26	6 46	9 31	3 49	16 10	0s 1	19 14	0 8	26 24	3 15	23 17	0 16	22 49	0 38	0 25	0 46	1 48	1 40	26 32	8 54	4 55	5 31	5 3	7 9	1 57
F 27	6 23	6 0	2 59	16 8	0 13	19 0	0 4	26 22	3 13	23 18	0 16	22 49	0 38	0 26	0 46	1 49	1 40	26 32	8 54	4 54	5 30	5 5	7 10	1 57
S 28	6s 0	2s17	2n 1	16s 4	0s24	18s46	0n 0	26n19	3n11	23s18	0n16	22s48	0n38	0n27	0n46	1n49	1s40	26s32	8s54	4s52	5s28	5n 6	7n11	1n57

Julian Day Number = 2103505.5, Delta T = 20m53s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'27, Lahiri = 10°34'27 Julian Calendar 1 Feb. 1047 == Greg. Calendar 7 Feb. 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

MARCH 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 55 33	15♓48'56	1♈29	18♒15	7♒34	10♋45	29♐48	5♑37	0°R36	8♈28	9♒29	12°R14	13♎45	12♈44	13♈39	S 1
M 2	10 59 30	16°48'28	13°18	19° 8	8°46	10°56	29°55	5°41	0♎33	8°30	9°31	12°D13	13°42	12°50	13°43	M 2
T 3	11 3 26	17°47'59	25° 4	20° 4	9°57	11° 8	0♑ 3	5°44	0°31	8°32	9°32	12♎14	13°39	12°57	13°46	T 3
W 4	11 7 23	18°47'27	6♉52	21° 3	11° 9	11°21	0°10	5°48	0°28	8°34	9°34	12°15	13°36	13° 4	13°49	W 4
T 5	11 11 19	19°46'53	18°44	22° 4	12°21	11°34	0°17	5°51	0°26	8°36	9°35	12°17	13°32	13°10	13°53	T 5
F 6	11 15 16	20°46'17	0♊45	23° 8	13°32	11°48	0°24	5°55	0°23	8°38	9°37	12°19	13°29	13°17	13°56	F 6
S 7	11 19 12	21°45'38	13° 0	24°15	14°44	12° 2	0°31	5°58	0°21	8°41	9°38	12°20	13°26	13°24	13°59	S 7
S 8	11 23 9	22°44'57	25°32	25°23	15°56	12°16	0°37	6° 1	0°18	8°43	9°39	12°R20	13°23	13°30	14° 3	S 8
M 9	11 27 5	23°44'14	8♋28	26°34	17° 8	12°31	0°44	6° 5	0°15	8°45	9°41	12°19	13°20	13°37	14° 6	M 9
T 10	11 31 2	24°43'28	21°48	27°47	18°19	12°47	0°50	6° 8	0°13	8°47	9°42	12°18	13°16	13°44	14°10	T 10
W11	11 34 59	25°42'40	5♌37	29° 3	19°31	13° 3	0°57	6°11	0°10	8°49	9°43	12°16	13°13	13°50	14°13	W11
T 12	11 38 55	26°41'50	19°53	0♓20	20°43	13°19	1° 3	6°13	0° 8	8°52	9°45	12°14	13°10	13°57	14°17	T 12
F 13	11 42 52	27°40'57	4♍33	1°39	21°55	13°36	1° 8	6°16	0° 5	8°54	9°46	12°12	13° 7	14° 3	14°20	F 13
S 14	11 46 48	28°40'02	19°32	2°59	23° 7	13°53	1°14	6°19	0° 3	8°56	9°47	12°11	13° 4	14°10	14°24	S 14
S 15	11 50 45	29°39'05	4♎41	4°22	24°19	14°11	1°20	6°22	0° 0	8°58	9°48	12°10	13° 1	14°17	14°27	S 15
M16	11 54 41	0♈38'05	19°51	5°46	25°31	14°29	1°25	6°24	29♍57	9° 1	9°50	12°D10	12°57	14°23	14°31	M16
T 17	11 58 38	1°37'04	4♏53	7°12	26°43	14°47	1°30	6°27	29°55	9° 3	9°51	12°11	12°54	14°30	14°34	T 17
W18	12 2 34	2°36'01	19°39	8°40	27°55	15° 6	1°35	6°29	29°52	9° 5	9°52	12°11	12°51	14°37	14°38	W18
T 19	12 6 31	3°34'56	4♐ 4	10° 9	29° 7	15°25	1°40	6°31	29°50	9° 7	9°53	12°12	12°48	14°43	14°41	T 19
F 20	12 10 28	4°33'50	18° 4	11°40	0♓19	15°45	1°45	6°33	29°47	9°10	9°54	12°13	12°45	14°50	14°45	F 20
S 21	12 14 24	5°32'41	1♑39	13°13	1°31	16° 5	1°50	6°35	29°45	9°12	9°56	12°R13	12°41	14°57	14°48	S 21
S 22	12 18 21	6°31'31	14°51	14°47	2°43	16°25	1°54	6°37	29°42	9°14	9°57	12°13	12°38	15° 3	14°52	S 22
M23	12 22 17	7°30'20	27°42	16°23	3°55	16°46	1°58	6°39	29°39	9°16	9°58	12°13	12°35	15°10	14°56	M23
T 24	12 26 14	8°29'06	10♒14	18° 0	5° 8	17° 6	2° 2	6°41	29°37	9°19	9°59	12°12	12°32	15°17	14°59	T 24
W25	12 30 10	9°27'50	22°32	19°39	6°20	17°28	2° 6	6°43	29°34	9°21	10° 0	12°12	12°29	15°23	15° 3	W25
T 26	12 34 7	10°26'33	4♓38	21°19	7°32	17°49	2°10	6°44	29°32	9°23	10° 1	12°12	12°26	15°30	15° 6	T 26
F 27	12 38 3	11°25'14	16°35	23° 1	8°44	18°11	2°14	6°46	29°29	9°26	10° 2	12°11	12°22	15°36	15°10	F 27
S 28	12 42 0	12°23'53	28°27	24°45	9°56	18°33	2°17	6°47	29°27	9°28	10° 3	12°D11	12°19	15°43	15°14	S 28
S 29	12 45 56	13°22'30	10♈15	26°30	11° 9	18°56	2°20	6°48	29°24	9°30	10° 4	12°R11	12°16	15°50	15°17	S 29
M30	12 49 53	14°21'05	22° 2	28°17	12°21	19°19	2°23	6°50	29°22	9°32	10° 5	12°11	12°13	15°56	15°21	M30
T 31	12 53 50	15♈19'38	3♉50	0♈ 6	13♓33	19♋42	2♑26	6♑51	29♍19	9♈35	10♒ 6	12♎11	12♎10	16♈ 3	15♈24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s37	1n30	0n59	15s59	0s35	18s31	0s 3	26n16	3n10	23s18	0n16	22s48	0n38	0n28	0n46	1n50	1s40	26s32	8s54	4s51	5s27	5n 8	7n13	1n57
M 2	5 14	5 11	0s 6	15 52	0 45	18 16	0 6	26 14	3 8	23 18	0 16	22 48	0 38	0 29	0 46	1 51	1 40	26 31	8 54	4 51	5 26	5 10	7 14	1 57
T 3	4 51	8 40	1 10	15 44	0 54	18 0	0 10	26 11	3 6	23 18	0 16	22 48	0 38	0 30	0 46	1 52	1 40	26 31	8 55	4 52	5 25	5 12	7 15	1 57
W 4	4 27	11 48	2 12	15 34	1 4	17 44	0 13	26 8	3 5	23 18	0 16	22 48	0 38	0 31	0 46	1 53	1 40	26 31	8 55	4 52	5 23	5 14	7 16	1 57
T 5	4 4	14 28	3 8	15 22	1 12	17 27	0 17	26 5	3 3	23 18	0 16	22 48	0 38	0 32	0 46	1 54	1 40	26 31	8 55	4 53	5 22	5 15	7 17	1 57
F 6	3 41	16 33	3 57	15 9	1 21	17 10	0 20	26 2	3 1	23 18	0 16	22 48	0 38	0 33	0 46	1 55	1 40	26 31	8 55	4 53	5 21	5 17	7 19	1 57
S 7	3 17	17 54	4 36	14 54	1 28	16 52	0 23	26 0	2 59	23 18	0 16	22 47	0 38	0 34	0 46	1 56	1 40	26 30	8 55	4 54	5 20	5 19	7 20	1 56
S 8	2 54	18 26	5 3	14 37	1 36	16 34	0 26	25 57	2 58	23 18	0 15	22 47	0 38	0 35	0 46	1 56	1 40	26 30	8 56	4 54	5 18	5 21	7 21	1 56
M 9	2 30	18 2	5 16	14 20	1 43	16 15	0 29	25 53	2 56	23 18	0 15	22 47	0 38	0 36	0 46	1 57	1 40	26 30	8 56	4 54	5 17	5 22	7 22	1 56
T 10	2 6	16 39	5 12	14 0	1 49	15 56	0 32	25 50	2 55	23 18	0 15	22 47	0 38	0 37	0 46	1 58	1 40	26 30	8 56	4 53	5 16	5 24	7 24	1 56
W11	1 43	14 16	4 51	13 39	1 55	15 36	0 35	25 47	2 53	23 18	0 15	22 47	0 38	0 38	0 46	1 59	1 40	26 30	8 56	4 52	5 15	5 26	7 25	1 56
T 12	1 19	10 57	4 11	13 17	2 0	15 16	0 38	25 44	2 51	23 18	0 15	22 47	0 38	0 39	0 46	2 0	1 40	26 30	8 57	4 51	5 13	5 28	7 26	1 56
F 13	0 56	6 53	3 14	12 53	2 5	14 56	0 41	25 41	2 50	23 18	0 15	22 47	0 38	0 40	0 46	2 1	1 40	26 29	8 57	4 51	5 12	5 30	7 27	1 56
S 14	0 32	2 17	2 2	12 28	2 10	14 35	0 44	25 37	2 48	23 18	0 15	22 47	0 38	0 41	0 46	2 2	1 40	26 29	8 57	4 50	5 11	5 31	7 29	1 56
S 15	0 8	2s30	0 41	12 2	2 13	14 13	0 47	25 34	2 47	23 18	0 15	22 46	0 38	0 42	0 46	2 3	1 40	26 29	8 57	4 50	5 10	5 33	7 30	1 56
M16	0n15	7 9	0n43	11 34	2 17	13 52	0 50	25 30	2 45	23 18	0 15	22 46	0 38	0 43	0 46	2 3	1 40	26 29	8 57	4 50	5 9	5 35	7 31	1 56
T 17	0 39	11 17	2 3	11 4	2 20	13 29	0 52	25 27	2 44	23 18	0 15	22 46	0 38	0 44	0 46	2 4	1 40	26 29	8 58	4 50	5 7	5 37	7 33	1 56
W18	1 2	14 38	3 14	10 34	2 22	13 7	0 55	25 23	2 42	23 18	0 15	22 46	0 38	0 45	0 46	2 5	1 40	26 29	8 58	4 50	5 6	5 38	7 34	1 55
T 19	1 26	16 58	4 10	10 1	2 24	12 44	0 57	25 19	2 41	23 18	0 15	22 46	0 38	0 46	0 46	2 6	1 40	26 29	8 58	4 51	5 5	5 40	7 35	1 55
F 20	1 49	18 12	4 50	9 28	2 26	12 21	1 0	25 16	2 39	23 18	0 15	22 46	0 38	0 47	0 46	2 7	1 40	26 29	8 58	4 51	5 4	5 42	7 37	1 55
S 21	2 13	18 20	5 13	8 53	2 27	11 57	1 2	25 12	2 38	23 18	0 15	22 46	0 38	0 48	0 46	2 8	1 40	26 29	8 59	4 51	5 2	5 44	7 38	1 55
S 22	2 36	17 28	5 18	8 17	2 27	11 34	1 5	25 8	2 36	23 18	0 14	22 46	0 38	0 49	0 46	2 9	1 40	26 28	8 59	4 51	5 1	5 46	7 39	1 55
M23	3 0	15 43	5 6	7 40	2 27	11 9	1 7	25 4	2 35	23 18	0 14	22 46	0 38	0 50	0 46	2 10	1 40	26 28	8 59	4 51	5 0	5 47	7 41	1 55
T 24	3 23	13 16	4 41	7 1	2 27	10 45	1 9	25 0	2 33	23 18	0 14	22 46	0 38	0 51	0 46	2 11	1 40	26 28	8 59	4 51	4 59	5 49	7 42	1 55
W25	3 46	10 15	4 3	6 21	2 26	10 20	1 11	24 55	2 32	23 18	0 14	22 46	0 38	0 52	0 46	2 11	1 40	26 28	9 0	4 51	4 57	5 51	7 43	1 55
T 26	4 9	6 51	3 14	5 40	2 24	9 55	1 13	24 51	2 30	23 18	0 14	22 46	0 38	0 53	0 46	2 12	1 40	26 28	9 0	4 51	4 56	5 53	7 45	1 55
F 27	4 32	3 12	2 18	4 57	2 22	9 30	1 15	24 47	2 29	23 18	0 14	22 45	0 38	0 54	0 46	2 13	1 40	26 28	9 0	4 50	4 55	5 54	7 46	1 55
S 28	4 55	0n32	1 16	4 13	2 19	9 4	1 17	24 42	2 28	23 18	0 14	22 45	0 38	0 55	0 46	2 14	1 40	26 28	9 1	4 50	4 54	5 56	7 47	1 55
S 29	5 18	4 15	0 11	3 29	2 16	8 38	1 19	24 38	2 26	23 18	0 14	22 45	0 38	0 56	0 46	2 15	1 40	26 28	9 1	4 50	4 52	5 58	7 49	1 55
M30	5 41	7 47	0s54	2 43	2 13	8 12	1 21	24 33	2 25	23 18	0 14	22 45	0 38	0 57	0 46	2 16	1 40	26 28	9 1	4 50	4 51	6 0	7 50	1 55
T 31	6n 4	11n 1	1s58	1s55	2s 8	7s46	1s22	24n28	2n23	23s18	0n14	22s45	0n38	0n58	0n46	2n17	1s40	26s28	9s 1	4s50	4s50	6n 1	7n51	1n55

Julian Day Number = 2103533.5, Delta T = 20m53s
Ecliptic obliquity = 23°33'38, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'31, Lahiri = 10°34'31 Julian Calendar 1 March 1047 == Greg. Calendar 7 March 1047

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1047
geocentric

APRIL 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 57 46	16♈18'09	15♉41	1♈56	14♓46	20♋ 5	2♑29	6♑52	29°R17	9♈37	10♒ 7	12°R11	12♎ 7	16♈10	15♈28	W 1
T 2	13 1 43	17°16'38	27°39	3°48	15°58	20°29	2°31	6°53	29♍14	9°39	10° 8	12♎10	12° 3	16°16	15°32	T 2
F 3	13 5 39	18°15'05	9♊45	5°41	17°10	20°53	2°33	6°53	29°12	9°41	10° 8	12° 9	12° 0	16°23	15°35	F 3
S 4	13 9 36	19°13'30	22° 3	7°36	18°23	21°17	2°35	6°54	29°10	9°44	10° 9	12° 9	11°57	16°30	15°39	S 4
S 5	13 13 32	20°11'52	4♋37	9°32	19°35	21°42	2°37	6°55	29° 7	9°46	10°10	12° 8	11°54	16°36	15°43	S 5
M 6	13 17 29	21°10'13	17°29	11°31	20°48	22° 6	2°39	6°55	29° 5	9°48	10°11	12°D 8	11°51	16°43	15°46	M 6
T 7	13 21 25	22° 8'31	0♌44	13°30	22° 0	22°31	2°41	6°56	29° 3	9°50	10°12	12° 8	11°47	16°50	15°50	T 7
W 8	13 25 22	23° 6'48	14°22	15°32	23°12	22°57	2°42	6°56	29° 0	9°52	10°12	12° 8	11°44	16°56	15°53	W 8
T 9	13 29 19	24° 5'02	28°26	17°34	24°25	23°22	2°43	6°56	28°58	9°55	10°13	12° 9	11°41	17° 3	15°57	T 9
F 10	13 33 15	25° 3'14	12♍55	19°39	25°37	23°48	2°44	6°56	28°56	9°57	10°14	12°10	11°38	17° 9	16° 1	F 10
S 11	13 37 12	26° 1'24	27°45	21°44	26°50	24°14	2°45	6°R56	28°54	9°59	10°14	12°11	11°35	17°16	16° 4	S 11
S 12	13 41 8	26°59'32	12♎50	23°51	28° 2	24°40	2°45	6°56	28°51	10° 1	10°15	12°R11	11°32	17°23	16° 8	S 12
M13	13 45 5	27°57'38	28° 2	25°59	29°15	25° 6	2°46	6°56	28°49	10° 3	10°16	12°11	11°28	17°29	16°11	M13
T 14	13 49 1	28°55'42	13♏11	28° 7	0♈27	25°33	2°46	6°56	28°47	10° 6	10°16	12°10	11°25	17°36	16°15	T 14
W15	13 52 58	29°53'45	28° 9	0♉17	1°40	26° 0	2°R46	6°56	28°45	10° 8	10°17	12° 8	11°22	17°43	16°18	W15
T 16	13 56 54	0♉51'47	12♐47	2°26	2°52	26°26	2°46	6°55	28°43	10°10	10°17	12° 5	11°19	17°49	16°22	T 16
F 17	14 0 51	1°49'47	26°59	4°36	4° 5	26°54	2°46	6°55	28°41	10°12	10°18	12° 3	11°16	17°56	16°25	F 17
S 18	14 4 48	2°47'45	10♑44	6°46	5°18	27°21	2°45	6°54	28°39	10°14	10°18	12° 1	11°13	18° 3	16°29	S 18
S 19	14 8 44	3°45'43	24° 2	8°56	6°30	27°49	2°44	6°53	28°37	10°16	10°19	12° 0	11° 9	18° 9	16°33	S 19
M20	14 12 41	4°43'38	6♒54	11° 5	7°43	28°16	2°43	6°52	28°35	10°18	10°19	11°D59	11° 6	18°16	16°36	M20
T 21	14 16 37	5°41'33	19°24	13°14	8°55	28°44	2°42	6°51	28°33	10°21	10°19	12° 0	11° 3	18°23	16°39	T 21
W22	14 20 34	6°39'26	1♓37	15°21	10° 8	29°12	2°41	6°50	28°31	10°23	10°20	12° 1	11° 0	18°29	16°43	W22
T 23	14 24 30	7°37'18	13°37	17°27	11°21	29°41	2°40	6°49	28°29	10°25	10°20	12° 3	10°57	18°36	16°46	T 23
F 24	14 28 27	8°35'08	25°29	19°31	12°33	0♌ 9	2°38	6°48	28°28	10°27	10°21	12° 5	10°53	18°43	16°50	F 24
S 25	14 32 23	9°32'58	7♈16	21°33	13°46	0°38	2°36	6°47	28°26	10°29	10°21	12°R 6	10°50	18°49	16°53	S 25
S 26	14 36 20	10°30'45	19° 2	23°33	14°59	1° 7	2°34	6°45	28°24	10°31	10°21	12° 5	10°47	18°56	16°57	S 26
M27	14 40 17	11°28'32	0♉51	25°30	16°11	1°36	2°32	6°44	28°23	10°33	10°21	12° 4	10°44	19° 2	17° 0	M27
T 28	14 44 13	12°26'17	12°43	27°25	17°24	2° 5	2°30	6°42	28°21	10°35	10°22	12° 1	10°41	19° 9	17° 3	T 28
W29	14 48 10	13°24'01	24°43	29°18	18°37	2°34	2°27	6°41	28°19	10°37	10°22	11°57	10°38	19°16	17° 7	W29
T 30	14 52 6	14♉21'43	6♊50	1♊ 8	19♈49	3♌ 4	2♑24	6♑39	28♍18	10♈39	10♒22	11♎51	10♎34	19♈22	17♈10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	6n27	13n49	2s56	1s 7	2s 4	7s19	1s24	24n23	2n22	23s19	0n14	22s45	0n38	0n59	0n46	2n18	1s40	26s28	9s 2	4s50	4s49	6n 3	7n53	1n54
T 2	6 49	16 3	3 47	0 18	1 59	6 52	1 25	24 18	2 21	23 19	0 14	22 45	0 38	1 0	0 45	2 19	1 40	26 28	9 2	4 50	4 47	6 5	7 54	1 54
F 3	7 11	17 36	4 28	0n33	1 53	6 25	1 27	24 13	2 19	23 19	0 14	22 45	0 38	1 1	0 45	2 19	1 40	26 28	9 2	4 50	4 46	6 7	7 55	1 54
S 4	7 34	18 21	4 58	1 24	1 47	5 58	1 28	24 8	2 18	23 19	0 13	22 45	0 38	1 2	0 45	2 20	1 40	26 28	9 2	4 49	4 45	6 8	7 57	1 54
S 5	7 56	18 14	5 15	2 16	1 40	5 31	1 29	24 3	2 17	23 19	0 13	22 45	0 38	1 3	0 45	2 21	1 40	26 28	9 3	4 49	4 44	6 10	7 58	1 54
M 6	8 18	17 11	5 16	3 9	1 33	5 3	1 31	23 58	2 15	23 19	0 13	22 45	0 38	1 4	0 45	2 22	1 40	26 28	9 3	4 49	4 42	6 12	7 59	1 54
T 7	8 40	15 12	5 1	4 3	1 25	4 36	1 32	23 52	2 14	23 19	0 13	22 45	0 38	1 5	0 45	2 23	1 40	26 28	9 3	4 49	4 41	6 14	8 1	1 54
W 8	9 2	12 19	4 29	4 58	1 17	4 8	1 33	23 47	2 13	23 19	0 13	22 45	0 38	1 5	0 45	2 24	1 40	26 29	9 4	4 49	4 40	6 15	8 2	1 54
T 9	9 23	8 38	3 40	5 53	1 8	3 40	1 34	23 41	2 12	23 19	0 13	22 45	0 38	1 6	0 45	2 25	1 40	26 29	9 4	4 50	4 39	6 17	8 3	1 54
F 10	9 45	4 21	2 35	6 48	0 59	3 12	1 35	23 36	2 10	23 19	0 13	22 45	0 38	1 7	0 45	2 26	1 40	26 29	9 4	4 50	4 37	6 19	8 5	1 54
S 11	10 6	0s19	1 19	7 44	0 50	2 44	1 36	23 30	2 9	23 19	0 13	22 45	0 38	1 8	0 45	2 26	1 40	26 29	9 4	4 50	4 36	6 21	8 6	1 54
S 12	10 27	5 2	0n 4	8 41	0 40	2 15	1 36	23 24	2 8	23 19	0 13	22 45	0 38	1 9	0 45	2 27	1 40	26 29	9 5	4 50	4 35	6 22	8 8	1 54
M13	10 48	9 29	1 27	9 37	0 30	1 47	1 37	23 18	2 7	23 19	0 13	22 45	0 37	1 10	0 45	2 28	1 40	26 29	9 5	4 50	4 34	6 24	8 9	1 54
T 14	11 9	13 17	2 43	10 33	0 20	1 18	1 38	23 12	2 5	23 19	0 13	22 45	0 37	1 11	0 45	2 29	1 40	26 29	9 5	4 50	4 32	6 26	8 10	1 54
W15	11 30	16 9	3 48	11 28	0 10	0 50	1 38	23 5	2 4	23 19	0 13	22 45	0 37	1 11	0 45	2 30	1 40	26 29	9 6	4 49	4 31	6 27	8 12	1 54
T 16	11 50	17 53	4 36	12 24	0n 1	0 21	1 38	22 59	2 3	23 19	0 12	22 45	0 37	1 12	0 45	2 31	1 40	26 29	9 6	4 48	4 30	6 29	8 13	1 54
F 17	12 10	18 26	5 5	13 18	0 11	0n 7	1 39	22 53	2 2	23 20	0 12	22 45	0 37	1 13	0 45	2 31	1 40	26 29	9 6	4 47	4 29	6 31	8 14	1 54
S 18	12 30	17 53	5 16	14 12	0 22	0 36	1 39	22 46	2 1	23 20	0 12	22 45	0 37	1 14	0 45	2 32	1 40	26 30	9 7	4 46	4 27	6 33	8 16	1 54
S 19	12 50	16 20	5 9	15 4	0 33	1 4	1 39	22 39	2 0	23 20	0 12	22 46	0 37	1 15	0 45	2 33	1 40	26 30	9 7	4 46	4 26	6 34	8 17	1 54
M20	13 10	14 1	4 47	15 55	0 43	1 33	1 40	22 33	1 58	23 20	0 12	22 46	0 37	1 15	0 45	2 34	1 40	26 30	9 7	4 46	4 25	6 36	8 18	1 54
T 21	13 29	11 6	4 11	16 44	0 53	2 2	1 40	22 26	1 57	23 20	0 12	22 46	0 37	1 16	0 45	2 35	1 40	26 30	9 7	4 46	4 24	6 38	8 20	1 54
W22	13 48	7 46	3 25	17 32	1 3	2 30	1 40	22 19	1 56	23 20	0 12	22 46	0 37	1 17	0 45	2 35	1 40	26 30	9 8	4 47	4 22	6 40	8 21	1 54
T 23	14 7	4 9	2 31	18 17	1 13	2 59	1 39	22 12	1 55	23 20	0 12	22 46	0 37	1 17	0 45	2 36	1 40	26 30	9 8	4 47	4 21	6 41	8 22	1 53
F 24	14 26	0 25	1 30	19 0	1 22	3 28	1 39	22 4	1 54	23 20	0 12	22 46	0 37	1 18	0 45	2 37	1 41	26 31	9 8	4 48	4 20	6 43	8 23	1 53
S 25	14 45	3n18	0 27	19 42	1 30	3 56	1 39	21 57	1 53	23 21	0 12	22 46	0 37	1 19	0 45	2 38	1 41	26 31	9 9	4 48	4 19	6 45	8 25	1 53
S 26	15 3	6 54	0s38	20 20	1 38	4 25	1 39	21 50	1 52	23 21	0 11	22 46	0 37	1 19	0 45	2 38	1 41	26 31	9 9	4 48	4 17	6 46	8 26	1 53
M27	15 21	10 15	1 41	20 57	1 46	4 53	1 38	21 42	1 50	23 21	0 11	22 46	0 37	1 20	0 45	2 39	1 41	26 31	9 9	4 48	4 16	6 48	8 27	1 53
T 28	15 39	13 11	2 40	21 30	1 52	5 21	1 38	21 34	1 49	23 21	0 11	22 46	0 37	1 21	0 45	2 40	1 41	26 32	9 10	4 46	4 15	6 50	8 29	1 53
W29	15 56	15 36	3 33	22 2	1 58	5 50	1 38	21 26	1 48	23 21	0 11	22 46	0 37	1 21	0 45	2 41	1 41	26 32	9 10	4 45	4 14	6 52	8 30	1 53
T 30	16n14	17n21	4s16	22n30	2n 4	6n18	1s37	21n19	1n47	23s21	0n11	22s47	0n37	1n22	0n45	2n42	1s41	26s32	9s10	4s43	4s12	6n53	8n31	1n53

Julian Day Number = 2103564.5, Delta T = 20m53s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'35, Lahiri = 10°34'35 Julian Calendar 1 Apr. 1047 == Greg. Calendar 7 Apr. 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

MAY 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 56 3	15♉19'24	19♊ 8	2♊54	21♈ 2	3♌34	2°R21	6°R37	28°R16	10♈41	10♒22	11°R46	10♎31	19♈29	17♈13	F 1
S 2	14 59 59	16°17'04	1♋37	4°38	22°15	4° 3	2♑18	6♑35	28♍15	10°43	10°22	11♎40	10°28	19°36	17°17	S 2
S 3	15 3 56	17°14'42	14°19	6°19	23°28	4°33	2°15	6°33	28°13	10°45	10°22	11°35	10°25	19°42	17°20	S 3
M 4	15 7 52	18°12'18	27°16	7°57	24°40	5° 4	2°11	6°31	28°12	10°46	10°22	11°32	10°22	19°49	17°23	M 4
T 5	15 11 49	19° 9'53	10♌30	9°31	25°53	5°34	2° 8	6°29	28°11	10°48	10°22	11°30	10°18	19°56	17°26	T 5
W 6	15 15 46	20° 7'27	24° 3	11° 2	27° 6	6° 4	2° 4	6°26	28° 9	10°50	10°R22	11°D30	10°15	20° 2	17°30	W 6
T 7	15 19 42	21° 4'58	7♍56	12°31	28°19	6°35	2° 0	6°24	28° 8	10°52	10°22	11°31	10°12	20° 9	17°33	T 7
F 8	15 23 39	22° 2'29	22° 9	13°55	29°32	7° 6	1°56	6°22	28° 7	10°54	10°22	11°32	10° 9	20°16	17°36	F 8
S 9	15 27 35	22°59'58	6♎41	15°17	0♉44	7°36	1°51	6°19	28° 6	10°56	10°22	11°R33	10° 6	20°22	17°39	S 9
S 10	15 31 32	23°57'25	21°30	16°35	1°57	8° 7	1°47	6°16	28° 5	10°57	10°22	11°33	10° 3	20°29	17°42	S 10
M11	15 35 28	24°54'52	6♏28	17°50	3°10	8°38	1°42	6°14	28° 4	10°59	10°22	11°31	9°59	20°35	17°45	M11
T 12	15 39 25	25°52'17	21°29	19° 1	4°23	9°10	1°38	6°11	28° 3	11° 1	10°22	11°27	9°56	20°42	17°48	T 12
W13	15 43 21	26°49'41	6♐22	20° 9	5°36	9°41	1°33	6° 8	28° 2	11° 3	10°22	11°21	9°53	20°49	17°51	W13
T 14	15 47 18	27°47'05	21° 1	21°14	6°49	10°13	1°28	6° 5	28° 1	11° 4	10°22	11°14	9°50	20°55	17°54	T 14
F 15	15 51 15	28°44'27	5♑18	22°14	8° 1	10°44	1°22	6° 2	28° 0	11° 6	10°21	11° 7	9°47	21° 2	17°57	F 15
S 16	15 55 11	29°41'49	19° 8	23°12	9°14	11°16	1°17	5°59	27°59	11° 8	10°21	11° 0	9°44	21° 9	18° 0	S 16
S 17	15 59 8	0♊39'10	2♒31	24° 5	10°27	11°48	1°12	5°56	27°58	11° 9	10°21	10°55	9°40	21°15	18° 3	S 17
M18	16 3 4	1°36'31	15°27	24°54	11°40	12°20	1° 6	5°53	27°58	11°11	10°21	10°52	9°37	21°22	18° 6	M18
T 19	16 7 1	2°33'51	27°59	25°40	12°53	12°52	1° 0	5°50	27°57	11°12	10°20	10°D50	9°34	21°29	18° 8	T 19
W20	16 10 57	3°31'10	10♓13	26°21	14° 6	13°24	0°54	5°46	27°56	11°14	10°20	10°50	9°31	21°35	18°11	W20
T 21	16 14 54	4°28'29	22°12	26°59	15°19	13°56	0°48	5°43	27°56	11°16	10°20	10°51	9°28	21°42	18°14	T 21
F 22	16 18 50	5°25'47	4♈ 3	27°32	16°32	14°29	0°42	5°39	27°55	11°17	10°19	10°52	9°24	21°49	18°17	F 22
S 23	16 22 47	6°23'05	15°49	28° 1	17°45	15° 1	0°36	5°36	27°55	11°19	10°19	10°R52	9°21	21°55	18°19	S 23
S 24	16 26 44	7°20'22	27°37	28°25	18°58	15°34	0°29	5°32	27°55	11°20	10°18	10°51	9°18	22° 2	18°22	S 24
M25	16 30 40	8°17'39	9♉29	28°46	20°11	16° 7	0°23	5°29	27°54	11°21	10°18	10°47	9°15	22° 9	18°25	M25
T 26	16 34 37	9°14'55	21°29	29° 1	21°24	16°40	0°16	5°25	27°54	11°23	10°17	10°41	9°12	22°15	18°27	T 26
W27	16 38 33	10°12'11	3♊39	29°12	22°37	17°13	0° 9	5°21	27°54	11°24	10°17	10°32	9° 9	22°22	18°30	W27
T 28	16 42 30	11° 9'26	16° 0	29°19	23°50	17°46	0° 3	5°18	27°53	11°26	10°16	10°22	9° 5	22°29	18°32	T 28
F 29	16 46 26	12° 6'41	28°33	29°R21	25° 3	18°19	29♐56	5°14	27°53	11°27	10°16	10°11	9° 2	22°35	18°35	F 29
S 30	16 50 23	13° 3'55	11♋19	29°18	26°16	18°52	29°49	5°10	27°53	11°28	10°15	10° 1	8°59	22°42	18°37	S 30
S 31	16 54 19	14♊ 1'09	24♋18	29♊11	27♉30	19♌26	29♐42	5♑ 6	27°D53	11♈30	10♒15	9♎51	8♎56	22♈48	18♈40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	16n31	18n20	4s48	22n57	2n 8	6n46	1s36	21n10	1n46	23s21	0n11	22s47	0n37	1n22	0n45	2n42	1s41	26s32	9s10	4s40	4s11	6n55	8n32	1n53
S 2	16 48	18 26	5 7	23 20	2 12	7 14	1 36	21 2	1 45	23 22	0 11	22 47	0 37	1 23	0 45	2 43	1 41	26 33	9 11	4 38	4 10	6 57	8 34	1 53
S 3	17 4	17 38	5 11	23 41	2 15	7 41	1 35	20 54	1 44	23 22	0 11	22 47	0 37	1 24	0 45	2 44	1 41	26 33	9 11	4 36	4 9	6 59	8 35	1 53
M 4	17 20	15 54	5 0	24 0	2 17	8 9	1 34	20 46	1 43	23 22	0 11	22 47	0 37	1 24	0 45	2 44	1 41	26 33	9 11	4 35	4 7	7 0	8 36	1 53
T 5	17 36	13 19	4 33	24 17	2 19	8 36	1 33	20 37	1 42	23 22	0 10	22 47	0 37	1 25	0 45	2 45	1 41	26 33	9 12	4 34	4 6	7 2	8 37	1 53
W 6	17 52	9 57	3 50	24 31	2 20	9 4	1 32	20 29	1 41	23 22	0 10	22 47	0 37	1 25	0 45	2 46	1 41	26 34	9 12	4 34	4 5	7 4	8 39	1 53
T 7	18 7	5 58	2 53	24 43	2 19	9 31	1 31	20 20	1 40	23 22	0 10	22 47	0 37	1 25	0 45	2 46	1 41	26 34	9 12	4 35	4 4	7 5	8 40	1 53
F 8	18 22	1 33	1 44	24 52	2 18	9 58	1 30	20 11	1 39	23 23	0 10	22 48	0 37	1 26	0 44	2 47	1 41	26 34	9 13	4 35	4 2	7 7	8 41	1 53
S 9	18 37	3s 4	0 26	25 0	2 16	10 24	1 29	20 2	1 38	23 23	0 10	22 48	0 37	1 26	0 44	2 48	1 41	26 34	9 13	4 35	4 1	7 9	8 42	1 53
S 10	18 51	7 35	0n54	25 6	2 14	10 51	1 28	19 53	1 37	23 23	0 10	22 48	0 37	1 27	0 44	2 48	1 41	26 35	9 13	4 35	4 0	7 10	8 43	1 53
M11	19 6	11 41	2 11	25 10	2 10	11 17	1 26	19 44	1 36	23 23	0 10	22 48	0 37	1 27	0 44	2 49	1 41	26 35	9 13	4 34	3 59	7 12	8 45	1 53
T 12	19 19	15 1	3 19	25 12	2 6	11 43	1 25	19 35	1 35	23 23	0 10	22 48	0 37	1 27	0 44	2 50	1 41	26 35	9 14	4 33	3 57	7 14	8 46	1 53
W13	19 33	17 19	4 13	25 12	2 1	12 8	1 24	19 25	1 34	23 24	0 10	22 48	0 37	1 28	0 44	2 50	1 41	26 36	9 14	4 31	3 56	7 16	8 47	1 53
T 14	19 46	18 26	4 50	25 11	1 55	12 34	1 22	19 16	1 33	23 24	0 9	22 49	0 37	1 28	0 44	2 51	1 41	26 36	9 14	4 28	3 55	7 17	8 48	1 53
F 15	19 59	18 21	5 7	25 8	1 48	12 59	1 21	19 6	1 32	23 24	0 9	22 49	0 37	1 28	0 44	2 52	1 41	26 36	9 15	4 25	3 54	7 19	8 49	1 53
S 16	20 11	17 9	5 5	25 3	1 40	13 24	1 19	18 56	1 31	23 24	0 9	22 49	0 36	1 29	0 44	2 52	1 41	26 37	9 15	4 22	3 52	7 21	8 50	1 53
S 17	20 23	15 2	4 47	24 58	1 32	13 48	1 17	18 47	1 30	23 24	0 9	22 49	0 36	1 29	0 44	2 53	1 41	26 37	9 15	4 20	3 51	7 22	8 51	1 53
M18	20 35	12 14	4 14	24 50	1 23	14 13	1 16	18 37	1 29	23 24	0 9	22 49	0 36	1 29	0 44	2 53	1 41	26 38	9 15	4 19	3 50	7 24	8 52	1 53
T 19	20 47	8 56	3 30	24 42	1 13	14 36	1 14	18 26	1 28	23 25	0 9	22 50	0 36	1 29	0 44	2 54	1 42	26 38	9 16	4 19	3 49	7 26	8 54	1 53
W20	20 58	5 21	2 38	24 33	1 2	15 0	1 12	18 16	1 27	23 25	0 9	22 50	0 36	1 30	0 44	2 55	1 42	26 38	9 16	4 19	3 47	7 27	8 55	1 53
T 21	21 9	1 36	1 39	24 22	0 51	15 23	1 11	18 6	1 26	23 25	0 9	22 50	0 36	1 30	0 44	2 55	1 42	26 39	9 16	4 19	3 46	7 29	8 56	1 53
F 22	21 19	2n11	0 37	24 11	0 38	15 46	1 9	17 56	1 25	23 25	0 8	22 50	0 36	1 30	0 44	2 56	1 42	26 39	9 17	4 19	3 45	7 31	8 57	1 53
S 23	21 29	5 51	0s27	23 58	0 26	16 8	1 7	17 45	1 24	23 25	0 8	22 50	0 36	1 30	0 44	2 56	1 42	26 39	9 17	4 19	3 44	7 32	8 58	1 53
S 24	21 39	9 18	1 29	23 45	0 12	16 30	1 5	17 34	1 23	23 25	0 8	22 51	0 36	1 30	0 44	2 57	1 42	26 40	9 17	4 19	3 42	7 34	8 59	1 53
M25	21 48	12 24	2 27	23 31	0s 2	16 52	1 3	17 24	1 22	23 26	0 8	22 51	0 36	1 30	0 44	2 57	1 42	26 40	9 17	4 17	3 41	7 36	9 0	1 53
T 26	21 57	15 0	3 20	23 16	0 17	17 13	1 1	17 13	1 21	23 26	0 8	22 51	0 36	1 30	0 44	2 58	1 42	26 41	9 18	4 15	3 40	7 38	9 1	1 53
W27	22 5	17 0	4 4	23 1	0 32	17 34	0 59	17 2	1 20	23 26	0 8	22 51	0 36	1 31	0 44	2 58	1 42	26 41	9 18	4 12	3 38	7 39	9 2	1 53
T 28	22 14	18 14	4 37	22 46	0 48	17 54	0 57	16 51	1 20	23 26	0 8	22 51	0 36	1 31	0 44	2 59	1 42	26 41	9 18	4 8	3 37	7 41	9 3	1 53
F 29	22 21	18 36	4 58	22 30	1 4	18 14	0 55	16 40	1 19	23 26	0 7	22 52	0 36	1 31	0 44	2 59	1 42	26 42	9 19	4 3	3 36	7 43	9 4	1 53
S 30	22 29	18 2	5 4	22 13	1 20	18 34	0 53	16 28	1 18	23 26	0 7	22 52	0 36	1 31	0 44	3 0	1 42	26 42	9 19	3 59	3 35	7 44	9 5	1 53
S 31	22n36	16n32	4s54	21n57	1s37	18n53	0s51	16n17	1n17	23s26	0n 7	22s52	0n36	1n31	0n44	3n 0	1s42	26s43	9s19	3s55	3s33	7n46	9n 6	1n53

Julian Day Number = 2103594.5, Delta T = 20m52s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'39, Lahiri = 10°34'40 Julian Calendar 1 May 1047 == Greg. Calendar 7 May 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

JUNE 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 58 16	14♊58'22	7♌28	29°R 0	28♉43	19♌59	29°R35	5°R 2	27♍53	11♈31	10°R14	9°R44	8♎53	22♈55	18♈42	M 1
T 2	17 2 13	15°55'35	20°51	28♊45	29°56	20°33	29♐27	4♑58	27°53	11°32	10♒13	9♎39	8°50	23° 2	18°44	T 2
W 3	17 6 9	16°52'46	4♍27	28°25	1♊ 9	21° 7	29°20	4°54	27°53	11°33	10°13	9°37	8°46	23° 8	18°46	W 3
T 4	17 10 6	17°49'57	18°17	28° 2	2°22	21°40	29°13	4°50	27°54	11°34	10°12	9°D36	8°43	23°15	18°49	T 4
F 5	17 14 2	18°47'08	2♎20	27°36	3°35	22°14	29° 5	4°46	27°54	11°35	10°11	9°R36	8°40	23°22	18°51	F 5
S 6	17 17 59	19°44'17	16°36	27° 7	4°48	22°48	28°58	4°41	27°54	11°37	10°11	9°36	8°37	23°28	18°53	S 6
S 7	17 21 55	20°41'27	1♏ 4	26°35	6° 2	23°22	28°50	4°37	27°54	11°38	10°10	9°35	8°34	23°35	18°55	S 7
M 8	17 25 52	21°38'36	15°41	26° 1	7°15	23°57	28°43	4°33	27°55	11°39	10° 9	9°31	8°30	23°42	18°57	M 8
T 9	17 29 48	22°35'44	0♐20	25°26	8°28	24°31	28°35	4°29	27°55	11°40	10° 8	9°25	8°27	23°48	18°59	T 9
W10	17 33 45	23°32'53	14°57	24°50	9°41	25° 5	28°28	4°25	27°56	11°41	10° 7	9°16	8°24	23°55	19° 1	W10
T 11	17 37 42	24°30'01	29°22	24°14	10°55	25°40	28°20	4°20	27°56	11°42	10° 7	9° 5	8°21	24° 2	19° 3	T 11
F 12	17 41 38	25°27'09	13♑30	23°38	12° 8	26°14	28°12	4°16	27°57	11°43	10° 6	8°54	8°18	24° 8	19° 5	F 12
S 13	17 45 35	26°24'17	27°16	23° 4	13°21	26°49	28° 5	4°12	27°58	11°43	10° 5	8°44	8°15	24°15	19° 7	S 13
S 14	17 49 31	27°21'26	10♒37	22°31	14°35	27°24	27°57	4° 7	27°58	11°44	10° 4	8°35	8°11	24°22	19° 9	S 14
M15	17 53 28	28°18'34	23°33	22° 0	15°48	27°58	27°49	4° 3	27°59	11°45	10° 3	8°29	8° 8	24°28	19°10	M15
T 16	17 57 24	29°15'43	6♓ 6	21°32	17° 1	28°33	27°41	3°58	28° 0	11°46	10° 2	8°25	8° 5	24°35	19°12	T 16
W17	18 1 21	0♋12'52	18°21	21° 7	18°15	29° 8	27°34	3°54	28° 1	11°47	10° 1	8°23	8° 2	24°42	19°14	W17
T 18	18 5 17	1°10'01	0♈21	20°46	19°28	29°43	27°26	3°50	28° 2	11°47	10° 0	8°22	7°59	24°48	19°15	T 18
F 19	18 9 14	2° 7'11	12°13	20°29	20°42	0♍19	27°18	3°45	28° 3	11°48	9°59	8°22	7°56	24°55	19°17	F 19
S 20	18 13 11	3° 4'22	24° 1	20°16	21°55	0°54	27°11	3°41	28° 4	11°49	9°58	8°22	7°52	25° 1	19°18	S 20
S 21	18 17 7	4° 1'33	5♉51	20° 8	23° 9	1°29	27° 3	3°36	28° 5	11°49	9°57	8°19	7°49	25° 8	19°20	S 21
M22	18 21 4	4°58'44	17°47	20°D 6	24°22	2° 5	26°56	3°32	28° 6	11°50	9°56	8°15	7°46	25°15	19°21	M22
T 23	18 25 0	5°55'56	29°54	20° 8	25°36	2°40	26°48	3°28	28° 7	11°51	9°55	8° 7	7°43	25°21	19°23	T 23
W24	18 28 57	6°53'08	12♊14	20°15	26°49	3°16	26°41	3°23	28° 8	11°51	9°54	7°58	7°40	25°28	19°24	W24
T 25	18 32 53	7°50'21	24°50	20°28	28° 3	3°51	26°33	3°19	28° 9	11°52	9°53	7°46	7°36	25°35	19°25	T 25
F 26	18 36 50	8°47'34	7♋41	20°47	29°16	4°27	26°26	3°14	28°11	11°52	9°52	7°33	7°33	25°41	19°26	F 26
S 27	18 40 46	9°44'48	20°48	21°10	0♋30	5° 3	26°18	3°10	28°12	11°53	9°51	7°20	7°30	25°48	19°28	S 27
S 28	18 44 43	10°42'02	4♌ 8	21°40	1°44	5°39	26°11	3° 6	28°14	11°53	9°50	7° 9	7°27	25°55	19°29	S 28
M29	18 48 40	11°39'16	17°39	22°15	2°57	6°15	26° 4	3° 1	28°15	11°54	9°49	7° 0	7°24	26° 1	19°30	M29
T 30	18 52 36	12♋36'31	1♍21	22♊55	4♋11	6♍51	25♐57	2♑57	28♍17	11♈54	9♒47	6♎54	7♎21	26♈ 8	19♈31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n42	14n 9	4s29	21n40	1s53	19n11	0s48	16n 5	1n16	23s27	0n 7	22s52	0n36	1n31	0n43	3n 1	1s42	26s43	9s19	3s53	3s32	7n48	9n 7	1n53
T 2	22 49	11 0	3 49	21 23	2 10	19 29	0 46	15 54	1 15	23 27	0 7	22 52	0 36	1 30	0 43	3 1	1 42	26 44	9 20	3 51	3 31	7 49	9 7	1 54
W 3	22 55	7 12	2 56	21 7	2 26	19 47	0 44	15 42	1 14	23 27	0 7	22 53	0 35	1 30	0 43	3 1	1 42	26 44	9 20	3 50	3 30	7 51	9 8	1 54
T 4	23 0	2 57	1 51	20 50	2 42	20 4	0 42	15 30	1 13	23 27	0 7	22 53	0 35	1 30	0 43	3 2	1 42	26 44	9 20	3 49	3 28	7 53	9 9	1 54
F 5	23 5	1s31	0 39	20 34	2 58	20 20	0 39	15 18	1 12	23 27	0 6	22 53	0 35	1 30	0 43	3 2	1 42	26 45	9 20	3 49	3 27	7 54	9 10	1 54
S 6	23 10	5 59	0n37	20 19	3 13	20 36	0 37	15 6	1 11	23 27	0 6	22 53	0 35	1 30	0 43	3 3	1 42	26 45	9 21	3 49	3 26	7 56	9 11	1 54
S 7	23 14	10 10	1 52	20 4	3 27	20 51	0 35	14 54	1 11	23 27	0 6	22 54	0 35	1 30	0 43	3 3	1 43	26 46	9 21	3 49	3 25	7 58	9 12	1 54
M 8	23 18	13 46	2 59	19 50	3 40	21 6	0 32	14 42	1 10	23 27	0 6	22 54	0 35	1 30	0 43	3 3	1 43	26 46	9 21	3 47	3 23	7 59	9 13	1 54
T 9	23 21	16 30	3 55	19 37	3 52	21 20	0 30	14 30	1 9	23 27	0 6	22 54	0 35	1 29	0 43	3 4	1 43	26 47	9 21	3 45	3 22	8 1	9 13	1 54
W10	23 24	18 9	4 35	19 24	4 3	21 34	0 27	14 17	1 8	23 27	0 6	22 54	0 35	1 29	0 43	3 4	1 43	26 47	9 22	3 41	3 21	8 3	9 14	1 54
T 11	23 27	18 36	4 57	19 13	4 13	21 47	0 25	14 5	1 7	23 27	0 6	22 54	0 35	1 29	0 43	3 4	1 43	26 48	9 22	3 37	3 20	8 4	9 15	1 54
F 12	23 29	17 53	5 1	19 3	4 21	21 59	0 23	13 52	1 6	23 27	0 5	22 55	0 35	1 29	0 43	3 5	1 43	26 48	9 22	3 33	3 18	8 6	9 16	1 54
S 13	23 31	16 8	4 46	18 55	4 28	22 11	0 20	13 40	1 5	23 27	0 5	22 55	0 35	1 28	0 43	3 5	1 43	26 49	9 22	3 29	3 17	8 8	9 16	1 54
S 14	23 32	13 33	4 16	18 48	4 33	22 22	0 18	13 27	1 5	23 27	0 5	22 55	0 35	1 28	0 43	3 5	1 43	26 49	9 23	3 25	3 16	8 9	9 17	1 54
M15	23 33	10 22	3 34	18 42	4 37	22 33	0 15	13 14	1 4	23 27	0 5	22 55	0 35	1 28	0 43	3 5	1 43	26 50	9 23	3 23	3 15	8 11	9 18	1 54
T 16	23 33	6 48	2 42	18 39	4 39	22 43	0 13	13 1	1 3	23 27	0 5	22 56	0 35	1 27	0 43	3 6	1 43	26 50	9 23	3 21	3 13	8 13	9 19	1 54
W17	23 34	3 2	1 44	18 36	4 40	22 52	0 10	12 48	1 2	23 27	0 5	22 56	0 34	1 27	0 43	3 6	1 43	26 51	9 23	3 20	3 12	8 14	9 19	1 54
T 18	23 33	0n47	0 42	18 36	4 39	23 0	0 8	12 35	1 1	23 27	0 5	22 56	0 34	1 27	0 43	3 6	1 43	26 51	9 24	3 20	3 11	8 16	9 20	1 54
F 19	23 33	4 32	0s20	18 37	4 37	23 8	0 6	12 22	1 0	23 27	0 4	22 56	0 34	1 26	0 43	3 6	1 43	26 52	9 24	3 20	3 10	8 18	9 20	1 54
S 20	23 31	8 5	1 22	18 40	4 33	23 16	0 3	12 8	1 0	23 27	0 4	22 56	0 34	1 26	0 43	3 7	1 43	26 52	9 24	3 20	3 8	8 19	9 21	1 54
S 21	23 30	11 20	2 20	18 44	4 28	23 22	0 1	11 55	0 59	23 27	0 4	22 57	0 34	1 25	0 43	3 7	1 43	26 52	9 24	3 19	3 7	8 21	9 22	1 54
M22	23 28	14 8	3 13	18 50	4 22	23 28	0n 2	11 41	0 58	23 27	0 4	22 57	0 34	1 25	0 43	3 7	1 43	26 53	9 24	3 17	3 6	8 22	9 22	1 54
T 23	23 26	16 22	3 57	18 58	4 14	23 33	0 4	11 28	0 57	23 27	0 4	22 57	0 34	1 24	0 43	3 7	1 43	26 53	9 25	3 14	3 5	8 24	9 23	1 54
W24	23 23	17 54	4 31	19 7	4 6	23 38	0 7	11 14	0 56	23 27	0 4	22 57	0 34	1 24	0 43	3 7	1 44	26 54	9 25	3 10	3 3	8 26	9 23	1 54
T 25	23 20	18 35	4 53	19 17	3 57	23 42	0 9	11 0	0 55	23 27	0 4	22 57	0 34	1 23	0 42	3 7	1 44	26 54	9 25	3 6	3 2	8 27	9 24	1 54
F 26	23 16	18 20	5 0	19 29	3 46	23 45	0 11	10 46	0 55	23 27	0 3	22 58	0 34	1 23	0 42	3 8	1 44	26 55	9 25	3 1	3 1	8 29	9 24	1 54
S 27	23 12	17 8	4 52	19 41	3 35	23 47	0 14	10 32	0 54	23 27	0 3	22 58	0 34	1 22	0 42	3 8	1 44	26 55	9 25	2 56	2 59	8 31	9 25	1 54
S 28	23 8	14 58	4 28	19 55	3 23	23 49	0 16	10 18	0 53	23 27	0 3	22 58	0 33	1 21	0 42	3 8	1 44	26 56	9 26	2 51	2 58	8 32	9 25	1 54
M29	23 3	11 59	3 49	20 9	3 11	23 50	0 18	10 4	0 52	23 27	0 3	22 58	0 33	1 21	0 42	3 8	1 44	26 56	9 26	2 48	2 57	8 34	9 26	1 54
T 30	22n58	8n19	2s56	20n24	2s58	23n50	0n21	9n50	0n51	23s27	0n 3	22s58	0n33	1n20	0n42	3n 8	1s44	26s57	9s26	2s45	2s56	8n36	9n26	1n54

Julian Day Number = 2103625.5, Delta T = 20m52s
Ecliptic obliquity = 23°33'36, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'43, Lahiri = 10°34'44 Julian Calendar 1 June 1047 == Greg. Calendar 7 June 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

JULY 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 56 33	13♋33'46	15♍10	23♊40	5♋25	7♍27	25°R50	2°R53	28♍18	11♈54	9°R46	6°R51	7♎17	26♈15	19♈32	W 1
T 2	19 0 29	14°31'01	29° 7	24°31	6°38	8° 3	25♐43	2♑48	28°20	11°54	9♒45	6♎50	7°14	26°21	19°33	T 2
F 3	19 4 26	15°28'17	13♎10	25°28	7°52	8°40	25°36	2°44	28°21	11°55	9°44	6°50	7°11	26°28	19°33	F 3
S 4	19 8 22	16°25'33	27°18	26°29	9° 6	9°16	25°29	2°40	28°23	11°55	9°43	6°50	7° 8	26°35	19°34	S 4
S 5	19 12 19	17°22'49	11♏31	27°36	10°19	9°53	25°22	2°36	28°25	11°55	9°42	6°48	7° 5	26°41	19°35	S 5
M 6	19 16 15	18°20'06	25°46	28°47	11°33	10°29	25°16	2°31	28°27	11°55	9°40	6°44	7° 2	26°48	19°36	M 6
T 7	19 20 12	19°17'24	10♐ 1	0♋ 4	12°47	11° 6	25° 9	2°27	28°28	11°55	9°39	6°37	6°58	26°55	19°36	T 7
W 8	19 24 9	20°14'41	24°12	1°25	14° 1	11°42	25° 3	2°23	28°30	11°56	9°38	6°28	6°55	27° 1	19°37	W 8
T 9	19 28 5	21°12'00	8♑14	2°51	15°15	12°19	24°57	2°19	28°32	11°56	9°37	6°18	6°52	27° 8	19°37	T 9
F 10	19 32 2	22° 9'19	22° 2	4°22	16°29	12°56	24°51	2°15	28°34	11°R56	9°35	6° 6	6°49	27°15	19°38	F 10
S 11	19 35 58	23° 6'40	5♒33	5°57	17°42	13°33	24°45	2°11	28°36	11°56	9°34	5°56	6°46	27°21	19°38	S 11
S 12	19 39 55	24° 4'01	18°43	7°36	18°56	14°10	24°39	2° 7	28°38	11°56	9°33	5°46	6°42	27°28	19°39	S 12
M13	19 43 51	25° 1'23	1♓33	9°19	20°10	14°47	24°33	2° 3	28°41	11°56	9°32	5°40	6°39	27°35	19°39	M13
T 14	19 47 48	25°58'46	14° 3	11° 5	21°24	15°24	24°28	1°59	28°43	11°55	9°30	5°35	6°36	27°41	19°39	T 14
W15	19 51 44	26°56'10	26°16	12°55	22°38	16° 1	24°22	1°56	28°45	11°55	9°29	5°33	6°33	27°48	19°40	W15
T 16	19 55 41	27°53'36	8♈16	14°47	23°52	16°39	24°17	1°52	28°47	11°55	9°28	5°D33	6°30	27°54	19°40	T 16
F 17	19 59 38	28°51'03	20° 8	16°42	25° 6	17°16	24°12	1°48	28°49	11°55	9°27	5°33	6°27	28° 1	19°40	F 17
S 18	20 3 34	29°48'31	1♉57	18°39	26°20	17°53	24° 7	1°45	28°52	11°55	9°25	5°R34	6°23	28° 8	19°40	S 18
S 19	20 7 31	0♌46'00	13°48	20°39	27°34	18°31	24° 2	1°41	28°54	11°54	9°24	5°33	6°20	28°14	19°R40	S 19
M20	20 11 27	1°43'31	25°47	22°39	28°48	19° 9	23°57	1°37	28°57	11°54	9°23	5°30	6°17	28°21	19°40	M20
T 21	20 15 24	2°41'04	7♊58	24°41	0♌ 2	19°46	23°53	1°34	28°59	11°54	9°21	5°25	6°14	28°28	19°40	T 21
W22	20 19 20	3°38'38	20°26	26°43	1°16	20°24	23°48	1°31	29° 1	11°53	9°20	5°17	6°11	28°34	19°40	W22
T 23	20 23 17	4°36'13	3♋12	28°46	2°31	21° 2	23°44	1°27	29° 4	11°53	9°19	5° 8	6° 8	28°41	19°39	T 23
F 24	20 27 13	5°33'49	16°18	0♌50	3°45	21°40	23°40	1°24	29° 7	11°53	9°17	4°58	6° 4	28°48	19°39	F 24
S 25	20 31 10	6°31'27	29°43	2°53	4°59	22°18	23°36	1°21	29° 9	11°52	9°16	4°48	6° 1	28°54	19°39	S 25
S 26	20 35 7	7°29'07	13♌25	4°55	6°13	22°56	23°32	1°18	29°12	11°52	9°15	4°40	5°58	29° 1	19°38	S 26
M27	20 39 3	8°26'47	27°21	6°57	7°27	23°34	23°29	1°14	29°15	11°51	9°13	4°33	5°55	29° 8	19°38	M27
T 28	20 43 0	9°24'29	11♍28	8°59	8°42	24°12	23°25	1°11	29°17	11°51	9°12	4°28	5°52	29°14	19°37	T 28
W29	20 46 56	10°22'12	25°40	11° 0	9°56	24°50	23°22	1° 9	29°20	11°50	9°11	4°26	5°48	29°21	19°37	W29
T 30	20 50 53	11°19'56	9♎54	12°59	11°10	25°28	23°19	1° 6	29°23	11°49	9° 9	4°D26	5°45	29°28	19°36	T 30
F 31	20 54 49	12♌17'41	24♎ 8	14♌58	12♌24	26♍ 7	23♐16	1♑ 3	29♍26	11♈49	9♒ 8	4♎27	5♎42	29♈34	19♈36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n52	4n 9	1s52	20n40	2s45	23n50	0n23	9n36	0n51	23s27	0n 3	22s59	0n33	1n19	0n42	3n 8	1s44	26s57	9s26	2s44	2s54	8n37	9n27	1n54
T 2	22 46	0s16	0 41	20 56	2 31	23 49	0 25	9 22	0 50	23 27	0 3	22 59	0 33	1 19	0 42	3 8	1 44	26 58	9 26	2 44	2 53	8 39	9 27	1 55
F 3	22 39	4 42	0n33	21 12	2 17	23 47	0 28	9 7	0 49	23 27	0 2	22 59	0 33	1 18	0 42	3 8	1 44	26 58	9 26	2 43	2 52	8 40	9 27	1 55
S 4	22 33	8 55	1 46	21 28	2 3	23 45	0 30	8 53	0 48	23 27	0 2	22 59	0 33	1 17	0 42	3 8	1 44	26 59	9 27	2 43	2 51	8 42	9 28	1 55
S 5	22 25	12 37	2 53	21 44	1 49	23 41	0 32	8 38	0 47	23 27	0 2	22 59	0 33	1 17	0 42	3 8	1 44	26 59	9 27	2 43	2 49	8 44	9 28	1 55
M 6	22 18	15 36	3 49	21 59	1 34	23 38	0 34	8 24	0 47	23 27	0 2	22 59	0 33	1 16	0 42	3 8	1 44	27 0	9 27	2 41	2 48	8 45	9 28	1 55
T 7	22 10	17 37	4 30	22 14	1 20	23 33	0 37	8 9	0 46	23 26	0 2	23 0	0 33	1 15	0 42	3 8	1 44	27 0	9 27	2 39	2 47	8 47	9 29	1 55
W 8	22 2	18 31	4 55	22 27	1 6	23 28	0 39	7 54	0 45	23 26	0 2	23 0	0 32	1 14	0 42	3 8	1 44	27 1	9 27	2 35	2 46	8 49	9 29	1 55
T 9	21 53	18 17	5 1	22 40	0 52	23 21	0 41	7 39	0 44	23 26	0 1	23 0	0 32	1 13	0 42	3 8	1 44	27 1	9 27	2 31	2 44	8 50	9 29	1 55
F 10	21 44	16 58	4 50	22 51	0 38	23 15	0 43	7 24	0 43	23 26	0 1	23 0	0 32	1 13	0 42	3 8	1 45	27 2	9 27	2 26	2 43	8 52	9 29	1 55
S 11	21 34	14 44	4 23	23 1	0 24	23 7	0 45	7 9	0 43	23 26	0 1	23 0	0 32	1 12	0 42	3 8	1 45	27 2	9 28	2 22	2 42	8 53	9 29	1 55
S 12	21 24	11 46	3 42	23 9	0 11	22 59	0 47	6 54	0 42	23 26	0 1	23 1	0 32	1 11	0 42	3 8	1 45	27 3	9 28	2 18	2 41	8 55	9 30	1 55
M13	21 14	8 19	2 51	23 15	0n 1	22 50	0 49	6 39	0 41	23 26	0 1	23 1	0 32	1 10	0 42	3 8	1 45	27 3	9 28	2 16	2 39	8 57	9 30	1 55
T 14	21 4	4 35	1 52	23 19	0 14	22 41	0 51	6 24	0 40	23 26	0 1	23 1	0 32	1 9	0 42	3 8	1 45	27 4	9 28	2 14	2 38	8 58	9 30	1 55
W15	20 53	0 44	0 49	23 21	0 25	22 31	0 53	6 9	0 40	23 26	0 1	23 1	0 32	1 8	0 42	3 8	1 45	27 4	9 28	2 13	2 37	9 0	9 30	1 55
T 16	20 41	3n 4	0s15	23 20	0 36	22 20	0 54	5 54	0 39	23 26	0 0	23 1	0 32	1 7	0 42	3 8	1 45	27 5	9 28	2 13	2 36	9 2	9 30	1 55
F 17	20 30	6 43	1 17	23 16	0 46	22 8	0 56	5 38	0 38	23 26	0 0	23 1	0 31	1 6	0 42	3 7	1 45	27 5	9 28	2 13	2 34	9 3	9 30	1 55
S 18	20 18	10 5	2 16	23 10	0 56	21 56	0 58	5 23	0 37	23 26	0 0	23 2	0 31	1 5	0 42	3 7	1 45	27 6	9 28	2 13	2 33	9 5	9 30	1 55
S 19	20 5	13 3	3 9	23 1	1 4	21 44	1 0	5 7	0 37	23 25	0 0	23 2	0 31	1 4	0 42	3 7	1 45	27 6	9 29	2 13	2 32	9 6	9 30	1 55
M20	19 53	15 30	3 55	22 50	1 12	21 30	1 1	4 52	0 36	23 25	0s 0	23 2	0 31	1 3	0 42	3 7	1 45	27 7	9 29	2 12	2 30	9 8	9 30	1 55
T 21	19 40	17 18	4 31	22 36	1 19	21 16	1 3	4 36	0 35	23 25	0 0	23 2	0 31	1 2	0 41	3 7	1 45	27 7	9 29	2 10	2 29	9 10	9 30	1 55
W22	19 26	18 19	4 55	22 19	1 25	21 1	1 4	4 21	0 34	23 25	0 0	23 2	0 31	1 1	0 41	3 7	1 45	27 7	9 29	2 7	2 28	9 11	9 30	1 55
T 23	19 12	18 27	5 4	21 59	1 31	20 46	1 6	4 5	0 34	23 25	0 1	23 2	0 31	1 0	0 41	3 6	1 45	27 8	9 29	2 3	2 27	9 13	9 30	1 55
F 24	18 58	17 37	4 59	21 37	1 35	20 30	1 7	3 50	0 33	23 25	0 1	23 2	0 31	0 59	0 41	3 6	1 45	27 8	9 29	1 59	2 25	9 14	9 30	1 55
S 25	18 44	15 48	4 37	21 13	1 39	20 14	1 9	3 34	0 32	23 25	0 1	23 3	0 31	0 58	0 41	3 6	1 45	27 9	9 29	1 55	2 24	9 16	9 30	1 55
S 26	18 30	13 4	3 58	20 47	1 42	19 57	1 10	3 18	0 31	23 25	0 1	23 3	0 30	0 57	0 41	3 6	1 46	27 9	9 29	1 52	2 23	9 18	9 30	1 56
M27	18 15	9 33	3 5	20 18	1 44	19 39	1 11	3 2	0 31	23 25	0 1	23 3	0 30	0 56	0 41	3 5	1 46	27 10	9 29	1 49	2 22	9 19	9 30	1 56
T 28	17 59	5 27	2 0	19 48	1 46	19 21	1 13	2 46	0 30	23 25	0 1	23 3	0 30	0 55	0 41	3 5	1 46	27 10	9 29	1 47	2 20	9 21	9 30	1 56
W29	17 44	1 1	0 47	19 16	1 46	19 2	1 14	2 30	0 29	23 25	0 1	23 3	0 30	0 54	0 41	3 5	1 46	27 11	9 29	1 46	2 19	9 22	9 30	1 56
T 30	17 28	3s29	0n29	18 42	1 46	18 43	1 15	2 14	0 28	23 25	0 1	23 3	0 30	0 53	0 41	3 5	1 46	27 11	9 29	1 46	2 18	9 24	9 29	1 56
F 31	17n12	7s47	1n44	18n 7	1n46	18n23	1n16	1n58	0n28	23s25	0s 2	23s 4	0n30	0n51	0n41	3n 4	1s46	27s11	9s29	1s47	2s17	9n25	9n29	1n56

Julian Day Number = 2103655.5, Delta T = 20m52s
Ecliptic obliquity = 23°33'36, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'47, Lahiri = 10°34'48 Julian Calendar 1 July 1047 == Greg. Calendar 7 July 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

AUGUST 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 58 46	13♌15'27	8♏19	16♌55	13♌39	26♍45	23°R14	1°R 0	29♍29	11°R48	9°R 7	4°R28	5♎39	29♈41	19°R35	S 1
S 2	21 2 42	14°13'15	22°26	18°51	14°53	27°24	23♐11	0♑58	29°31	11♈47	9♒ 5	4♎27	5°36	29°48	19♈34	S 2
M 3	21 6 39	15°11'03	6♐28	20°46	16° 7	28° 2	23° 9	0°55	29°34	11°47	9° 4	4°25	5°33	29°54	19°33	M 3
T 4	21 10 36	16° 8'53	20°23	22°40	17°22	28°41	23° 7	0°53	29°37	11°46	9° 3	4°22	5°29	0♉ 1	19°33	T 4
W 5	21 14 32	17° 6'45	4♑ 9	24°32	18°36	29°20	23° 5	0°50	29°40	11°45	9° 1	4°16	5°26	0° 8	19°32	W 5
T 6	21 18 29	18° 4'37	17°45	26°23	19°50	29°59	23° 3	0°48	29°43	11°44	9° 0	4° 9	5°23	0°14	19°31	T 6
F 7	21 22 25	19° 2'31	1♒ 8	28°13	21° 5	0♎38	23° 2	0°46	29°46	11°43	8°59	4° 1	5°20	0°21	19°30	F 7
S 8	21 26 22	20° 0'27	14°16	0♍ 1	22°19	1°16	23° 0	0°44	29°49	11°43	8°57	3°54	5°17	0°28	19°29	S 8
S 9	21 30 18	20°58'24	27° 9	1°48	23°34	1°55	22°59	0°42	29°53	11°42	8°56	3°47	5°13	0°34	19°28	S 9
M10	21 34 15	21°56'23	9♓45	3°34	24°48	2°35	22°58	0°40	29°56	11°41	8°55	3°43	5°10	0°41	19°26	M10
T 11	21 38 11	22°54'23	22° 7	5°18	26° 2	3°14	22°58	0°38	29°59	11°40	8°54	3°41	5° 7	0°48	19°25	T 11
W12	21 42 8	23°52'26	4♈15	7° 1	27°17	3°53	22°57	0°36	0♎ 2	11°39	8°52	3°D40	5° 4	0°54	19°24	W12
T 13	21 46 5	24°50'30	16°13	8°43	28°31	4°32	22°57	0°34	0° 5	11°38	8°51	3°40	5° 1	1° 1	19°23	T 13
F 14	21 50 1	25°48'36	28° 4	10°24	29°46	5°12	22°56	0°33	0° 9	11°37	8°50	3°42	4°58	1° 8	19°21	F 14
S 15	21 53 58	26°46'44	9♉52	12° 4	1♍ 0	5°51	22°D56	0°31	0°12	11°36	8°49	3°44	4°54	1°14	19°20	S 15
S 16	21 57 54	27°44'54	21°44	13°42	2°15	6°30	22°56	0°30	0°15	11°35	8°47	3°45	4°51	1°21	19°18	S 16
M17	22 1 51	28°43'06	3♊43	15°19	3°29	7°10	22°57	0°28	0°19	11°34	8°46	3°R45	4°48	1°28	19°17	M17
T 18	22 5 47	29°41'21	15°54	16°55	4°44	7°50	22°57	0°27	0°22	11°32	8°45	3°44	4°45	1°34	19°15	T 18
W19	22 9 44	0♍39'37	28°23	18°29	5°58	8°29	22°58	0°26	0°25	11°31	8°44	3°41	4°42	1°41	19°14	W19
T 20	22 13 40	1°37'56	11♋12	20° 3	7°13	9° 9	22°59	0°25	0°29	11°30	8°42	3°37	4°39	1°48	19°12	T 20
F 21	22 17 37	2°36'16	24°24	21°35	8°28	9°49	23° 0	0°24	0°32	11°29	8°41	3°32	4°35	1°54	19°10	F 21
S 22	22 21 34	3°34'39	8♌ 0	23° 7	9°42	10°29	23° 2	0°23	0°36	11°28	8°40	3°27	4°32	2° 1	19° 9	S 22
S 23	22 25 30	4°33'03	21°59	24°37	10°57	11° 9	23° 3	0°23	0°39	11°26	8°39	3°23	4°29	2° 7	19° 7	S 23
M24	22 29 27	5°31'30	6♍16	26° 6	12°11	11°49	23° 5	0°22	0°43	11°25	8°38	3°20	4°26	2°14	19° 5	M24
T 25	22 33 23	6°29'58	20°46	27°33	13°26	12°29	23° 7	0°21	0°46	11°24	8°37	3°18	4°23	2°21	19° 3	T 25
W26	22 37 20	7°28'28	5♎24	29° 0	14°41	13° 9	23° 9	0°21	0°50	11°22	8°35	3°D18	4°19	2°27	19° 1	W26
T 27	22 41 16	8°27'00	20° 4	0♎25	15°55	13°49	23°11	0°20	0°53	11°21	8°34	3°18	4°16	2°34	18°59	T 27
F 28	22 45 13	9°25'34	4♏38	1°49	17°10	14°30	23°13	0°20	0°57	11°20	8°33	3°20	4°13	2°41	18°57	F 28
S 29	22 49 9	10°24'10	19° 3	3°12	18°25	15°10	23°16	0°20	1° 0	11°18	8°32	3°21	4°10	2°47	18°55	S 29
S 30	22 53 6	11°22'47	3♐17	4°34	19°39	15°51	23°19	0°D20	1° 4	11°17	8°31	3°22	4° 7	2°54	18°53	S 30
M31	22 57 2	12♍21'26	17♐16	5♎54	20♍54	16♎31	23♐22	0♑20	1♎ 8	11♈16	8♒30	3°R22	4♎ 4	3♉ 1	18♈51	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n55	11s38	2n52	17n30	1n45	18n 3	1n17	1n42	0n27	23s25	0s 2	23s 4	0n30	0n50	0n41	3n 4	1s46	27s12	9s29	1s47	2s15	9n27	9n29	1n56
S 2	16 39	14 46	3 49	16 53	1 43	17 42	1 18	1 26	0 26	23 25	0 2	23 4	0 30	0 49	0 41	3 4	1 46	27 12	9 29	1 47	2 14	9 29	9 29	1 56
M 3	16 22	17 1	4 32	16 14	1 41	17 20	1 19	1 10	0 25	23 25	0 2	23 4	0 29	0 48	0 41	3 3	1 46	27 13	9 30	1 46	2 13	9 30	9 28	1 56
T 4	16 5	18 14	4 59	15 34	1 38	16 59	1 20	0 54	0 25	23 25	0 2	23 4	0 29	0 47	0 41	3 3	1 46	27 13	9 30	1 44	2 11	9 32	9 28	1 56
W 5	15 47	18 22	5 8	14 54	1 34	16 36	1 21	0 38	0 24	23 25	0 2	23 4	0 29	0 45	0 41	3 3	1 46	27 13	9 30	1 42	2 10	9 33	9 28	1 56
T 6	15 29	17 26	5 0	14 12	1 31	16 13	1 21	0 22	0 23	23 25	0 2	23 4	0 29	0 44	0 41	3 2	1 46	27 14	9 30	1 39	2 9	9 35	9 27	1 56
F 7	15 11	15 32	4 35	13 31	1 27	15 50	1 22	0 6	0 22	23 25	0 3	23 4	0 29	0 43	0 41	3 2	1 46	27 14	9 30	1 36	2 8	9 37	9 27	1 56
S 8	14 53	12 52	3 56	12 48	1 22	15 27	1 23	0s11	0 22	23 25	0 3	23 5	0 29	0 42	0 41	3 1	1 46	27 15	9 30	1 33	2 6	9 38	9 27	1 56
S 9	14 35	9 38	3 5	12 5	1 17	15 2	1 23	0 27	0 21	23 25	0 3	23 5	0 29	0 40	0 41	3 1	1 46	27 15	9 30	1 31	2 5	9 40	9 26	1 56
M10	14 16	6 0	2 6	11 22	1 12	14 38	1 24	0 43	0 20	23 25	0 3	23 5	0 29	0 39	0 41	3 1	1 46	27 15	9 30	1 29	2 4	9 41	9 26	1 56
T 11	13 57	2 11	1 2	10 39	1 6	14 13	1 24	0 59	0 20	23 25	0 3	23 5	0 29	0 38	0 41	3 0	1 46	27 16	9 30	1 28	2 3	9 43	9 25	1 56
W12	13 38	1n39	0s 3	9 55	1 1	13 48	1 24	1 16	0 19	23 25	0 3	23 5	0 28	0 37	0 41	3 0	1 46	27 16	9 30	1 28	2 1	9 44	9 25	1 56
T 13	13 18	5 22	1 8	9 11	0 55	13 22	1 25	1 32	0 18	23 26	0 3	23 5	0 28	0 35	0 41	2 59	1 46	27 16	9 30	1 28	2 0	9 46	9 25	1 56
F 14	12 59	8 50	2 9	8 27	0 48	12 56	1 25	1 48	0 17	23 26	0 3	23 5	0 28	0 34	0 41	2 59	1 47	27 17	9 30	1 29	1 59	9 48	9 24	1 56
S 15	12 39	11 56	3 5	7 43	0 42	12 30	1 25	2 5	0 17	23 26	0 4	23 6	0 28	0 33	0 41	2 58	1 47	27 17	9 30	1 29	1 58	9 49	9 24	1 56
S 16	12 19	14 33	3 53	6 59	0 35	12 3	1 25	2 21	0 16	23 26	0 4	23 6	0 28	0 31	0 41	2 58	1 47	27 17	9 30	1 30	1 56	9 51	9 23	1 56
M17	11 59	16 34	4 31	6 15	0 28	11 36	1 25	2 37	0 15	23 26	0 4	23 6	0 28	0 30	0 41	2 58	1 47	27 18	9 30	1 30	1 55	9 52	9 22	1 56
T 18	11 38	17 52	4 58	5 31	0 21	11 8	1 25	2 54	0 15	23 26	0 4	23 6	0 28	0 29	0 41	2 57	1 47	27 18	9 30	1 29	1 54	9 54	9 22	1 56
W19	11 18	18 22	5 11	4 47	0 14	10 41	1 25	3 10	0 14	23 26	0 4	23 6	0 28	0 27	0 41	2 57	1 47	27 18	9 29	1 28	1 52	9 55	9 21	1 56
T 20	10 57	17 56	5 10	4 3	0 6	10 13	1 25	3 27	0 13	23 27	0 4	23 6	0 27	0 26	0 41	2 56	1 47	27 19	9 29	1 27	1 51	9 57	9 21	1 56
F 21	10 36	16 33	4 52	3 20	0s 1	9 45	1 24	3 43	0 12	23 27	0 4	23 6	0 27	0 24	0 41	2 56	1 47	27 19	9 29	1 25	1 50	9 58	9 20	1 56
S 22	10 15	14 12	4 18	2 37	0 9	9 16	1 24	3 59	0 12	23 27	0 4	23 6	0 27	0 23	0 41	2 55	1 47	27 19	9 29	1 23	1 49	10 0	9 19	1 56
S 23	9 53	10 59	3 28	1 54	0 17	8 47	1 24	4 16	0 11	23 27	0 4	23 7	0 27	0 22	0 41	2 54	1 47	27 19	9 29	1 21	1 47	10 2	9 19	1 56
M24	9 32	7 3	2 23	1 11	0 25	8 18	1 23	4 32	0 10	23 27	0 5	23 7	0 27	0 20	0 41	2 54	1 47	27 20	9 29	1 20	1 46	10 3	9 18	1 56
T 25	9 10	2 38	1 8	0 29	0 32	7 49	1 23	4 49	0 10	23 28	0 5	23 7	0 27	0 19	0 41	2 53	1 47	27 20	9 29	1 19	1 45	10 5	9 17	1 56
W26	8 48	1s59	0n12	0s13	0 40	7 20	1 22	5 5	0 9	23 28	0 5	23 7	0 27	0 17	0 41	2 53	1 47	27 20	9 29	1 19	1 44	10 6	9 17	1 56
T 27	8 27	6 28	1 31	0 54	0 48	6 50	1 22	5 21	0 8	23 28	0 5	23 7	0 27	0 16	0 41	2 52	1 47	27 20	9 29	1 19	1 42	10 8	9 16	1 56
F 28	8 4	10 33	2 44	1 35	0 56	6 20	1 21	5 38	0 8	23 28	0 5	23 7	0 26	0 14	0 40	2 52	1 47	27 21	9 29	1 20	1 41	10 9	9 15	1 56
S 29	7 42	13 57	3 46	2 16	1 4	5 50	1 20	5 54	0 7	23 28	0 5	23 7	0 26	0 13	0 40	2 51	1 47	27 21	9 29	1 20	1 40	10 11	9 14	1 56
S 30	7 20	16 27	4 33	2 56	1 12	5 20	1 19	6 10	0 6	23 29	0 5	23 7	0 26	0 12	0 40	2 51	1 47	27 21	9 29	1 21	1 39	10 12	9 14	1 56
M31	6n57	17s55	5n 3	3s35	1s20	4n49	1n18	6s26	0n 5	23s29	0s 5	23s 8	0n26	0n10	0n40	2n50	1s47	27s21	9s29	1s21	1s37	10n14	9n13	1n56

Julian Day Number = 2103686.5, Delta T = 20m51s
Ecliptic obliquity = 23°33'36, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'52, Lahiri = 10°34'52 Julian Calendar 1 Aug. 1047 == Greg. Calendar 7 Aug. 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

SEPTEMBER 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 0 59	13♍20'07	0♑59	7♎13	22♍ 8	17♎12	23♐25	0♑20	1♎11	11°R14	8°R29	3°R21	4♎ 0	3♉ 7	18°R49	T 1
W 2	23 4 56	14°18'49	14°28	8°31	23°23	17°52	23°28	0°20	1°15	11♈13	8♒28	3♎19	3°57	3°14	18♈47	W 2
T 3	23 8 52	15°17'33	27°42	9°47	24°38	18°33	23°32	0°21	1°18	11°11	8°27	3°17	3°54	3°21	18°45	T 3
F 4	23 12 49	16°16'19	10♒42	11° 1	25°53	19°14	23°36	0°21	1°22	11°10	8°26	3°15	3°51	3°27	18°43	F 4
S 5	23 16 45	17°15'07	23°28	12°14	27° 7	19°55	23°40	0°22	1°26	11° 8	8°25	3°12	3°48	3°34	18°40	S 5
S 6	23 20 42	18°13'56	6♓ 1	13°25	28°22	20°36	23°44	0°22	1°30	11° 7	8°24	3°10	3°45	3°41	18°38	S 6
M 7	23 24 38	19°12'48	18°22	14°35	29°37	21°17	23°48	0°23	1°33	11° 5	8°23	3° 9	3°41	3°47	18°36	M 7
T 8	23 28 35	20°11'42	0♈31	15°42	0♎51	21°58	23°52	0°24	1°37	11° 4	8°22	3°D 9	3°38	3°54	18°33	T 8
W 9	23 32 31	21°10'38	12°32	16°47	2° 6	22°39	23°57	0°25	1°41	11° 2	8°21	3° 9	3°35	4° 1	18°31	W 9
T 10	23 36 28	22° 9'35	24°26	17°51	3°21	23°20	24° 2	0°26	1°44	11° 1	8°20	3° 9	3°32	4° 7	18°28	T 10
F 11	23 40 25	23° 8'36	6♉15	18°51	4°35	24° 1	24° 7	0°27	1°48	10°59	8°19	3°10	3°29	4°14	18°26	F 11
S 12	23 44 21	24° 7'38	18° 4	19°50	5°50	24°43	24°12	0°28	1°52	10°57	8°19	3°11	3°25	4°21	18°24	S 12
S 13	23 48 18	25° 6'43	29°55	20°45	7° 5	25°24	24°17	0°29	1°56	10°56	8°18	3°12	3°22	4°27	18°21	S 13
M14	23 52 14	26° 5'50	11♊53	21°37	8°19	26° 5	24°22	0°31	1°59	10°54	8°17	3°13	3°19	4°34	18°18	M14
T 15	23 56 11	27° 5'00	24° 2	22°26	9°34	26°47	24°28	0°32	2° 3	10°53	8°16	3°R13	3°16	4°41	18°16	T 15
W16	0 0 7	28° 4'12	6♋28	23°12	10°49	27°29	24°34	0°34	2° 7	10°51	8°15	3°13	3°13	4°47	18°13	W16
T 17	0 4 4	29° 3'26	19°14	23°53	12° 4	28°10	24°40	0°36	2°11	10°49	8°15	3°13	3°10	4°54	18°11	T 17
F 18	0 8 0	0♌ 2'42	2♌23	24°31	13°18	28°52	24°46	0°37	2°14	10°48	8°14	3°12	3° 6	5° 1	18° 8	F 18
S 19	0 11 57	1° 2'01	15°58	25° 3	14°33	29°34	24°52	0°39	2°18	10°46	8°13	3°12	3° 3	5° 7	18° 5	S 19
S 20	0 15 54	2° 1'23	0♍ 0	25°31	15°48	0♏16	24°58	0°41	2°22	10°44	8°12	3°12	3° 0	5°14	18° 3	S 20
M21	0 19 50	3° 0'46	14°26	25°53	17° 3	0°58	25° 5	0°43	2°26	10°43	8°12	3°D12	2°57	5°21	18° 0	M21
T 22	0 23 47	4° 0'12	29°12	26° 8	18°17	1°40	25°12	0°46	2°30	10°41	8°11	3°R12	2°54	5°27	17°57	T 22
W23	0 27 43	4°59'39	14♎10	26°18	19°32	2°22	25°19	0°48	2°33	10°39	8°11	3°12	2°50	5°34	17°55	W23
T 24	0 31 40	5°59'09	29°13	26°R20	20°47	3° 4	25°26	0°50	2°37	10°38	8°10	3°12	2°47	5°41	17°52	T 24
F 25	0 35 36	6°58'41	14♏12	26°15	22° 2	3°46	25°33	0°53	2°41	10°36	8° 9	3°11	2°44	5°47	17°49	F 25
S 26	0 39 33	7°58'15	28°59	26° 1	23°16	4°28	25°40	0°55	2°45	10°34	8° 9	3°11	2°41	5°54	17°46	S 26
S 27	0 43 29	8°57'50	13♐28	25°40	24°31	5°10	25°48	0°58	2°48	10°33	8° 8	3°10	2°38	6° 1	17°44	S 27
M28	0 47 26	9°57'28	27°35	25°10	25°46	5°53	25°55	1° 1	2°52	10°31	8° 8	3°10	2°35	6° 7	17°41	M28
T 29	0 51 22	10°57'07	11♑19	24°31	27° 1	6°35	26° 3	1° 3	2°56	10°29	8° 7	3°D10	2°31	6°14	17°38	T 29
W30	0 55 19	11♎56'48	24♑41	23♎43	28♎15	7♏18	26♐11	1♑ 6	3♎ 0	10♈28	8♒ 7	3♎10	2♎28	6♉21	17♈35	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n35	18s18	5n15	4s14	1s28	4n19	1n17	6s43	0n 5	23s29	0s 5	23s 8	0n26	0n 9	0n40	2n49	1s47	27s22	9s29	1s20	1s36	10n16	9n12	1n56
W 2	6 12	17 38	5 10	4 52	1 36	3 48	1 16	6 59	0 4	23 30	0 6	23 8	0 26	0 7	0 40	2 49	1 47	27 22	9 29	1 20	1 35	10 17	9 11	1 56
T 3	5 49	16 1	4 48	5 29	1 44	3 18	1 15	7 15	0 3	23 30	0 6	23 8	0 26	0 6	0 40	2 48	1 47	27 22	9 28	1 19	1 33	10 19	9 10	1 56
F 4	5 27	13 37	4 11	6 6	1 52	2 47	1 14	7 31	0 3	23 30	0 6	23 8	0 26	0 4	0 40	2 48	1 47	27 22	9 28	1 18	1 32	10 20	9 9	1 56
S 5	5 4	10 35	3 22	6 41	1 59	2 16	1 13	7 48	0 2	23 30	0 6	23 8	0 25	0 3	0 40	2 47	1 47	27 22	9 28	1 17	1 31	10 22	9 9	1 56
S 6	4 41	7 7	2 25	7 16	2 7	1 45	1 12	8 4	0 1	23 31	0 6	23 8	0 25	0 1	0 40	2 46	1 47	27 22	9 28	1 16	1 30	10 23	9 8	1 56
M 7	4 17	3 23	1 21	7 50	2 14	1 14	1 10	8 20	0 1	23 31	0 6	23 8	0 25	0s 0	0 40	2 46	1 47	27 23	9 28	1 16	1 28	10 25	9 7	1 56
T 8	3 54	0n26	0 15	8 23	2 22	0 43	1 9	8 36	0 0	23 31	0 6	23 9	0 25	0 2	0 40	2 45	1 47	27 23	9 28	1 15	1 27	10 26	9 6	1 56
W 9	3 31	4 11	0s52	8 55	2 29	0 12	1 8	8 52	0s 1	23 32	0 6	23 9	0 25	0 3	0 40	2 44	1 48	27 23	9 28	1 15	1 26	10 28	9 5	1 56
T 10	3 8	7 44	1 55	9 26	2 35	0s19	1 6	9 8	0 1	23 32	0 6	23 9	0 25	0 5	0 40	2 44	1 48	27 23	9 28	1 16	1 25	10 29	9 4	1 56
F 11	2 44	10 56	2 54	9 55	2 42	0 51	1 5	9 24	0 2	23 32	0 7	23 9	0 25	0 6	0 40	2 43	1 48	27 23	9 28	1 16	1 23	10 31	9 3	1 56
S 12	2 21	13 42	3 44	10 23	2 48	1 22	1 3	9 40	0 3	23 33	0 7	23 9	0 25	0 8	0 40	2 43	1 48	27 23	9 28	1 16	1 22	10 32	9 2	1 56
S 13	1 57	15 54	4 26	10 50	2 54	1 53	1 1	9 55	0 3	23 33	0 7	23 9	0 24	0 9	0 40	2 42	1 48	27 23	9 27	1 17	1 21	10 34	9 1	1 56
M14	1 34	17 26	4 56	11 15	3 0	2 24	1 0	10 11	0 4	23 33	0 7	23 9	0 24	0 11	0 40	2 41	1 48	27 24	9 27	1 17	1 20	10 35	9 0	1 56
T 15	1 10	18 12	5 14	11 38	3 5	2 55	0 58	10 27	0 5	23 34	0 7	23 9	0 24	0 12	0 40	2 41	1 48	27 24	9 27	1 17	1 18	10 37	8 59	1 56
W16	0 46	18 7	5 17	12 0	3 10	3 26	0 56	10 43	0 5	23 34	0 7	23 9	0 24	0 14	0 40	2 40	1 48	27 24	9 27	1 17	1 17	10 38	8 58	1 56
T 17	0 23	17 8	5 6	12 19	3 14	3 57	0 54	10 58	0 6	23 34	0 7	23 10	0 24	0 15	0 40	2 39	1 48	27 24	9 27	1 17	1 16	10 40	8 57	1 56
F 18	0s 1	15 13	4 38	12 36	3 18	4 28	0 53	11 14	0 7	23 35	0 7	23 10	0 24	0 17	0 40	2 39	1 48	27 24	9 27	1 17	1 14	10 41	8 56	1 56
S 19	0 25	12 25	3 54	12 51	3 21	4 59	0 51	11 29	0 7	23 35	0 7	23 10	0 24	0 18	0 40	2 38	1 48	27 24	9 27	1 17	1 13	10 43	8 55	1 56
S 20	0 49	8 48	2 54	13 3	3 23	5 30	0 49	11 45	0 8	23 35	0 7	23 10	0 24	0 20	0 40	2 37	1 48	27 24	9 26	1 17	1 12	10 44	8 54	1 56
M21	1 12	4 35	1 43	13 13	3 24	6 1	0 47	12 0	0 9	23 36	0 8	23 10	0 23	0 21	0 40	2 37	1 48	27 24	9 26	1 17	1 11	10 46	8 53	1 56
T 22	1 36	0s 1	0 22	13 19	3 25	6 31	0 45	12 15	0 9	23 36	0 8	23 10	0 23	0 23	0 40	2 36	1 48	27 24	9 26	1 17	1 9	10 47	8 52	1 56
W23	2 0	4 41	1n 1	13 22	3 24	7 2	0 43	12 30	0 10	23 36	0 8	23 10	0 23	0 24	0 40	2 35	1 48	27 24	9 26	1 17	1 8	10 49	8 51	1 56
T 24	2 23	9 4	2 20	13 21	3 23	7 32	0 40	12 46	0 11	23 37	0 8	23 10	0 23	0 26	0 40	2 35	1 48	27 24	9 26	1 17	1 7	10 50	8 50	1 56
F 25	2 47	12 51	3 29	13 17	3 20	8 2	0 38	13 1	0 11	23 37	0 8	23 10	0 23	0 27	0 40	2 34	1 48	27 24	9 26	1 16	1 6	10 52	8 48	1 56
S 26	3 11	15 45	4 23	13 7	3 15	8 32	0 36	13 16	0 12	23 37	0 8	23 11	0 23	0 29	0 40	2 33	1 48	27 24	9 26	1 16	1 4	10 53	8 47	1 56
S 27	3 34	17 35	4 59	12 54	3 9	9 1	0 34	13 31	0 12	23 38	0 8	23 11	0 23	0 30	0 40	2 33	1 48	27 24	9 25	1 16	1 3	10 55	8 46	1 56
M28	3 58	18 16	5 16	12 36	3 1	9 31	0 32	13 45	0 13	23 38	0 8	23 11	0 23	0 32	0 40	2 32	1 48	27 24	9 25	1 16	1 2	10 56	8 45	1 56
T 29	4 21	17 51	5 14	12 13	2 52	10 0	0 29	14 0	0 14	23 38	0 8	23 11	0 23	0 33	0 40	2 31	1 48	27 24	9 25	1 16	1 0	10 58	8 44	1 56
W30	4s45	16s27	4n56	11s45	2s41	10s29	0n27	14s15	0s14	23s39	0s 8	23s11	0n22	0s35	0n40	2n31	1s48	27s24	9s25	1s16	0s59	10n59	8n43	1n55

Julian Day Number = 2103717.5, Delta T = 20m51s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°27'56, Lahiri = 10°34'56 Julian Calendar 1 Sept. 1047 == Greg. Calendar 7 Sept. 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

OCTOBER 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 59 16	12♎56'30	7♒43	22°R48	29♎30	8♏ 0	26♐19	1♑ 9	3♎ 3	10°R26	8°R 6	3♎11	2♎25	6♉27	17°R33	T 1
F 2	1 3 12	13°56'15	20°26	21♎45	0♏45	8°43	26°27	1°12	3° 7	10♈24	8♒ 6	3°12	2°22	6°34	17♈30	F 2
S 3	1 7 9	14°56'01	2♓55	20°37	1°59	9°26	26°35	1°16	3°11	10°23	8° 6	3°13	2°19	6°41	17°27	S 3
S 4	1 11 5	15°55'49	15°11	19°24	3°14	10° 9	26°44	1°19	3°15	10°21	8° 5	3°14	2°16	6°47	17°24	S 4
M 5	1 15 2	16°55'38	27°17	18° 8	4°29	10°51	26°52	1°22	3°18	10°19	8° 5	3°R14	2°12	6°54	17°21	M 5
T 6	1 18 58	17°55'30	9♈16	16°52	5°44	11°34	27° 1	1°26	3°22	10°18	8° 5	3°14	2° 9	7° 1	17°18	T 6
W 7	1 22 55	18°55'24	21°10	15°38	6°58	12°17	27°10	1°29	3°26	10°16	8° 4	3°14	2° 6	7° 7	17°16	W 7
T 8	1 26 51	19°55'19	3♉ 0	14°28	8°13	13° 0	27°19	1°33	3°29	10°14	8° 4	3°12	2° 3	7°14	17°13	T 8
F 9	1 30 48	20°55'17	14°49	13°25	9°28	13°43	27°28	1°36	3°33	10°13	8° 4	3° 9	2° 0	7°21	17°10	F 9
S 10	1 34 45	21°55'17	26°39	12°30	10°42	14°26	27°37	1°40	3°37	10°11	8° 4	3° 6	1°56	7°27	17° 7	S 10
S 11	1 38 41	22°55'19	8♊33	11°44	11°57	15°10	27°47	1°44	3°40	10° 9	8° 4	3° 3	1°53	7°34	17° 4	S 11
M12	1 42 38	23°55'23	20°33	11°10	13°12	15°53	27°56	1°48	3°44	10° 8	8° 4	3° 0	1°50	7°41	17° 2	M12
T 13	1 46 34	24°55'29	2♋42	10°47	14°26	16°36	28° 6	1°52	3°48	10° 6	8° 3	2°58	1°47	7°47	16°59	T 13
W14	1 50 31	25°55'37	15° 5	10°35	15°41	17°20	28°15	1°56	3°51	10° 5	8° 3	2°56	1°44	7°54	16°56	W14
T 15	1 54 27	26°55'48	27°45	10°D35	16°56	18° 3	28°25	2° 0	3°55	10° 3	8° 3	2°D55	1°41	8° 1	16°53	T 15
F 16	1 58 24	27°56'00	10♌46	10°46	18°10	18°46	28°35	2° 5	3°58	10° 1	8° 3	2°56	1°37	8° 7	16°51	F 16
S 17	2 2 20	28°56'15	24°13	11° 7	19°25	19°30	28°45	2° 9	4° 2	10° 0	8°D 3	2°57	1°34	8°14	16°48	S 17
S 18	2 6 17	29°56'32	8♍ 5	11°38	20°40	20°14	28°55	2°13	4° 5	9°58	8° 3	2°59	1°31	8°21	16°45	S 18
M19	2 10 14	0♏56'50	22°25	12°18	21°54	20°57	29° 5	2°18	4° 9	9°57	8° 3	3° 0	1°28	8°27	16°42	M19
T 20	2 14 10	1°57'11	7♎ 9	13° 5	23° 9	21°41	29°16	2°22	4°12	9°55	8° 3	3°R 0	1°25	8°34	16°40	T 20
W21	2 18 7	2°57'34	22°13	14° 0	24°24	22°25	29°26	2°27	4°16	9°54	8° 3	2°59	1°21	8°41	16°37	W21
T 22	2 22 3	3°57'58	7♏28	15° 0	25°38	23° 9	29°37	2°32	4°19	9°52	8° 4	2°57	1°18	8°48	16°34	T 22
F 23	2 26 0	4°58'24	22°43	16° 6	26°53	23°53	29°48	2°36	4°23	9°51	8° 4	2°53	1°15	8°54	16°32	F 23
S 24	2 29 56	5°58'52	7♐49	17°17	28° 8	24°37	29°58	2°41	4°26	9°49	8° 4	2°48	1°12	9° 1	16°29	S 24
S 25	2 33 53	6°59'22	22°36	18°31	29°22	25°21	0♑ 9	2°46	4°29	9°48	8° 4	2°43	1° 9	9° 8	16°26	S 25
M26	2 37 49	7°59'53	6♑58	19°49	0♐37	26° 5	0°20	2°51	4°33	9°46	8° 4	2°38	1° 6	9°14	16°24	M26
T 27	2 41 46	9° 0'25	20°52	21°10	1°52	26°49	0°31	2°56	4°36	9°45	8° 5	2°35	1° 2	9°21	16°21	T 27
W28	2 45 43	10° 0'58	4♒18	22°33	3° 6	27°33	0°43	3° 1	4°39	9°43	8° 5	2°D34	0°59	9°28	16°19	W28
T 29	2 49 39	11° 1'33	17°17	23°58	4°21	28°18	0°54	3° 7	4°42	9°42	8° 5	2°34	0°56	9°34	16°16	T 29
F 30	2 53 36	12° 2'09	29°55	25°25	5°36	29° 2	1° 5	3°12	4°46	9°41	8° 6	2°35	0°53	9°41	16°14	F 30
S 31	2 57 32	13♏ 2'46	12♓14	26♎53	6♐50	29♏46	1♑17	3♑17	4♎49	9♈39	8♒ 6	2♎36	0♎50	9♉48	16♈11	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s 8	14s13	4n22	11s12	2s28	10s58	0n25	14s29	0s15	23s39	0s 8	23s11	0n22	0s36	0n40	2n30	1s48	27s24	9s25	1s16	0s58	11n 1	8n42	1n55
F 2	5 31	11 20	3 36	10 34	2 13	11 27	0 22	14 44	0 16	23 39	0 9	23 11	0 22	0 38	0 40	2 29	1 48	27 24	9 25	1 17	0 57	11 2	8 41	1 55
S 3	5 55	7 59	2 40	9 53	1 56	11 55	0 20	14 58	0 16	23 40	0 9	23 11	0 22	0 39	0 40	2 29	1 48	27 24	9 24	1 17	0 55	11 4	8 39	1 55
S 4	6 18	4 21	1 39	9 8	1 38	12 23	0 17	15 12	0 17	23 40	0 9	23 11	0 22	0 41	0 40	2 28	1 48	27 24	9 24	1 17	0 54	11 5	8 38	1 55
M 5	6 41	0 35	0 33	8 22	1 19	12 51	0 15	15 26	0 18	23 40	0 9	23 11	0 22	0 42	0 40	2 27	1 48	27 24	9 24	1 18	0 53	11 7	8 37	1 55
T 6	7 4	3n11	0s33	7 34	0 59	13 18	0 12	15 40	0 18	23 41	0 9	23 11	0 22	0 44	0 40	2 27	1 48	27 24	9 24	1 18	0 52	11 8	8 36	1 55
W 7	7 27	6 47	1 38	6 46	0 38	13 45	0 10	15 54	0 19	23 41	0 9	23 11	0 22	0 45	0 40	2 26	1 48	27 23	9 24	1 17	0 50	11 10	8 35	1 55
T 8	7 50	10 7	2 37	6 0	0 17	14 12	0 7	16 8	0 19	23 41	0 9	23 12	0 22	0 47	0 40	2 25	1 48	27 23	9 23	1 17	0 49	11 11	8 34	1 55
F 9	8 12	13 1	3 30	5 17	0n 3	14 39	0 5	16 21	0 20	23 41	0 9	23 12	0 21	0 48	0 40	2 25	1 48	27 23	9 23	1 16	0 48	11 13	8 32	1 55
S 10	8 35	15 23	4 14	4 37	0 22	15 5	0 2	16 35	0 21	23 42	0 9	23 12	0 21	0 50	0 40	2 24	1 48	27 23	9 23	1 14	0 47	11 14	8 31	1 55
S 11	8 57	17 7	4 47	4 2	0 41	15 30	0s 0	16 48	0 21	23 42	0 9	23 12	0 21	0 51	0 40	2 23	1 48	27 23	9 23	1 13	0 45	11 16	8 30	1 55
M12	9 20	18 6	5 8	3 33	0 58	15 56	0 3	17 1	0 22	23 42	0 9	23 12	0 21	0 52	0 40	2 23	1 48	27 23	9 23	1 12	0 44	11 17	8 29	1 55
T 13	9 42	18 17	5 15	3 10	1 13	16 20	0 6	17 15	0 22	23 42	0 10	23 12	0 21	0 54	0 40	2 22	1 48	27 23	9 23	1 11	0 43	11 19	8 28	1 55
W14	10 4	17 36	5 8	2 53	1 26	16 45	0 8	17 28	0 23	23 43	0 10	23 12	0 21	0 55	0 40	2 22	1 48	27 23	9 22	1 10	0 41	11 20	8 27	1 54
T 15	10 26	16 2	4 46	2 42	1 38	17 9	0 11	17 40	0 24	23 43	0 10	23 12	0 21	0 57	0 40	2 21	1 48	27 22	9 22	1 10	0 40	11 22	8 26	1 54
F 16	10 48	13 37	4 9	2 37	1 48	17 33	0 13	17 53	0 24	23 43	0 10	23 12	0 21	0 58	0 40	2 20	1 48	27 22	9 22	1 10	0 39	11 23	8 24	1 54
S 17	11 9	10 25	3 17	2 38	1 57	17 56	0 16	18 6	0 25	23 43	0 10	23 12	0 21	1 0	0 40	2 20	1 48	27 22	9 22	1 11	0 38	11 25	8 23	1 54
S 18	11 30	6 32	2 13	2 44	2 3	18 18	0 19	18 18	0 25	23 43	0 10	23 12	0 20	1 1	0 40	2 19	1 48	27 22	9 22	1 12	0 36	11 26	8 22	1 54
M19	11 52	2 8	0 58	2 55	2 8	18 41	0 21	18 30	0 26	23 43	0 10	23 12	0 20	1 2	0 40	2 19	1 48	27 22	9 21	1 12	0 35	11 27	8 21	1 54
T 20	12 13	2s30	0n23	3 10	2 12	19 2	0 24	18 42	0 27	23 44	0 10	23 12	0 20	1 4	0 40	2 18	1 48	27 21	9 21	1 12	0 34	11 29	8 20	1 54
W21	12 34	7 6	1 43	3 29	2 15	19 23	0 26	18 54	0 27	23 44	0 10	23 12	0 20	1 5	0 40	2 17	1 48	27 21	9 21	1 12	0 33	11 30	8 19	1 54
T 22	12 54	11 16	2 58	3 51	2 16	19 44	0 29	19 6	0 28	23 44	0 10	23 12	0 20	1 6	0 40	2 17	1 48	27 21	9 21	1 11	0 31	11 32	8 18	1 54
F 23	13 15	14 41	3 59	4 17	2 16	20 4	0 32	19 18	0 28	23 44	0 10	23 12	0 20	1 8	0 40	2 16	1 48	27 21	9 21	1 9	0 30	11 33	8 16	1 54
S 24	13 35	17 4	4 43	4 44	2 15	20 24	0 34	19 29	0 29	23 44	0 10	23 12	0 20	1 9	0 40	2 16	1 48	27 21	9 20	1 7	0 29	11 35	8 15	1 53
S 25	13 55	18 14	5 7	5 14	2 13	20 43	0 37	19 40	0 30	23 44	0 11	23 12	0 20	1 10	0 40	2 15	1 47	27 20	9 20	1 5	0 27	11 36	8 14	1 53
M26	14 15	18 12	5 11	5 46	2 11	21 1	0 39	19 52	0 30	23 44	0 11	23 12	0 20	1 12	0 40	2 15	1 47	27 20	9 20	1 3	0 26	11 38	8 13	1 53
T 27	14 34	17 3	4 56	6 19	2 8	21 19	0 42	20 3	0 31	23 44	0 11	23 12	0 20	1 13	0 41	2 14	1 47	27 20	9 20	1 2	0 25	11 39	8 12	1 53
W28	14 54	14 59	4 26	6 54	2 4	21 36	0 44	20 13	0 31	23 44	0 11	23 12	0 19	1 14	0 41	2 14	1 47	27 20	9 20	1 1	0 24	11 41	8 11	1 53
T 29	15 13	12 12	3 42	7 29	2 0	21 53	0 47	20 24	0 32	23 44	0 11	23 12	0 19	1 16	0 41	2 13	1 47	27 19	9 20	1 1	0 22	11 42	8 10	1 53
F 30	15 31	8 56	2 49	8 5	1 55	22 9	0 49	20 34	0 32	23 44	0 11	23 12	0 19	1 17	0 41	2 13	1 47	27 19	9 19	1 2	0 21	11 43	8 9	1 53
S 31	15s50	5s20	1n49	8s42	1n50	22s25	0s52	20s44	0s33	23s44	0s11	23s12	0n19	1s18	0n41	2n12	1s47	27s19	9s19	1s 3	0s20	11n45	8n 8	1n53

Julian Day Number = 2103747.5, Delta T = 20m51s
Ecliptic obliquity = 23°33'37, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'00, Lahiri = 10°35'00 Julian Calendar 1 Oct. 1047 == Greg. Calendar 7 Oct. 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

NOVEMBER 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	3 1 29	14♏ 3'24	24♓21	28♎23	8♐ 5	0♐31	1♑28	3♑23	4♎52	9°R38	8♒ 6	2♎38	0♎47	9♉54	16°R 9	S 1
M 2	3 5 25	15° 4'04	6♈17	29°53	9°19	1°15	1°40	3°28	4°55	9♈37	8° 7	2°R38	0°43	10° 1	16♈ 6	M 2
T 3	3 9 22	16° 4'45	18° 9	1♏24	10°34	2° 0	1°52	3°33	4°58	9°35	8° 7	2°37	0°40	10° 8	16° 4	T 3
W 4	3 13 18	17° 5'27	29°58	2°56	11°48	2°45	2° 3	3°39	5° 1	9°34	8° 8	2°33	0°37	10°14	16° 2	W 4
T 5	3 17 15	18° 6'11	11♉47	4°28	13° 3	3°29	2°15	3°45	5° 4	9°33	8° 8	2°27	0°34	10°21	16° 0	T 5
F 6	3 21 11	19° 6'56	23°39	6° 1	14°17	4°14	2°27	3°50	5° 7	9°32	8° 9	2°19	0°31	10°28	15°57	F 6
S 7	3 25 8	20° 7'42	5♊33	7°34	15°32	4°59	2°39	3°56	5°10	9°31	8° 9	2°10	0°27	10°34	15°55	S 7
S 8	3 29 5	21° 8'30	17°34	9° 7	16°46	5°44	2°51	4° 2	5°13	9°29	8°10	2° 0	0°24	10°41	15°53	S 8
M 9	3 33 1	22° 9'19	29°41	10°40	18° 1	6°29	3° 4	4° 8	5°16	9°28	8°11	1°51	0°21	10°48	15°51	M 9
T 10	3 36 58	23°10'10	11♋56	12°14	19°15	7°13	3°16	4°14	5°19	9°27	8°11	1°42	0°18	10°54	15°49	T 10
W11	3 40 54	24°11'02	24°23	13°47	20°30	7°58	3°28	4°19	5°22	9°26	8°12	1°36	0°15	11° 1	15°47	W11
T 12	3 44 51	25°11'55	7♌ 3	15°21	21°44	8°44	3°41	4°25	5°24	9°25	8°13	1°32	0°12	11° 8	15°44	T 12
F 13	3 48 47	26°12'50	19°59	16°55	22°59	9°29	3°53	4°31	5°27	9°24	8°13	1°30	0° 8	11°14	15°42	F 13
S 14	3 52 44	27°13'46	3♍16	18°29	24°13	10°14	4° 6	4°38	5°30	9°23	8°14	1°D30	0° 5	11°21	15°41	S 14
S 15	3 56 40	28°14'43	16°56	20° 2	25°28	10°59	4°18	4°44	5°33	9°22	8°15	1°31	0° 2	11°28	15°39	S 15
M16	4 0 37	29°15'42	1♎ 0	21°36	26°42	11°44	4°31	4°50	5°35	9°21	8°16	1°R31	29♍59	11°34	15°37	M16
T 17	4 4 34	0♐16'42	15°30	23°10	27°56	12°30	4°44	4°56	5°38	9°20	8°16	1°30	29°56	11°41	15°35	T 17
W18	4 8 30	1°17'43	0♏21	24°44	29°11	13°15	4°57	5° 2	5°40	9°19	8°17	1°27	29°53	11°48	15°33	W18
T 19	4 12 27	2°18'46	15°28	26°18	0♑25	14° 0	5° 9	5° 9	5°43	9°18	8°18	1°22	29°49	11°54	15°31	T 19
F 20	4 16 23	3°19'50	0♐41	27°52	1°40	14°46	5°22	5°15	5°45	9°17	8°19	1°13	29°46	12° 1	15°30	F 20
S 21	4 20 20	4°20'54	15°52	29°26	2°54	15°31	5°35	5°22	5°48	9°17	8°20	1° 4	29°43	12° 8	15°28	S 21
S 22	4 24 16	5°21'59	0♑48	1♐ 0	4° 8	16°17	5°48	5°28	5°50	9°16	8°21	0°53	29°40	12°15	15°26	S 22
M23	4 28 13	6°23'05	15°21	2°34	5°22	17° 3	6° 1	5°34	5°52	9°15	8°22	0°44	29°37	12°21	15°25	M23
T 24	4 32 10	7°24'12	29°25	4° 8	6°37	17°48	6°15	5°41	5°55	9°14	8°23	0°36	29°33	12°28	15°23	T 24
W25	4 36 6	8°25'19	13♒ 0	5°42	7°51	18°34	6°28	5°48	5°57	9°14	8°24	0°31	29°30	12°35	15°22	W25
T 26	4 40 3	9°26'26	26° 5	7°16	9° 5	19°20	6°41	5°54	5°59	9°13	8°25	0°28	29°27	12°41	15°21	T 26
F 27	4 43 59	10°27'33	8♓45	8°51	10°20	20° 5	6°54	6° 1	6° 1	9°12	8°26	0°D27	29°24	12°48	15°19	F 27
S 28	4 47 56	11°28'41	21° 4	10°25	11°34	20°51	7° 8	6° 7	6° 3	9°12	8°27	0°27	29°21	12°55	15°18	S 28
S 29	4 51 52	12°29'50	3♈ 8	12° 0	12°48	21°37	7°21	6°14	6° 5	9°11	8°28	0°R27	29°18	13° 1	15°17	S 29
M30	4 55 49	13♐30'58	15♈ 1	13♐35	14♑ 2	22♐23	7♑35	6♑21	6♎ 7	9♈11	8♒29	0♎26	29♍14	13♉ 8	15♈16	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16s 8	1s34	0n45	9s19	1n45	22s39	0s54	20s54	0s34	23s44	0s11	23s12	0n19	1s19	0n41	2n12	1s47	27s18	9s19	1s 3	0s19	11n46	8n 7	1n53
M 2	16 26	2n12	0s20	9 56	1 39	22 53	0 56	21 4	0 34	23 44	0 11	23 12	0 19	1 21	0 41	2 11	1 47	27 18	9 19	1 3	0 17	11 48	8 6	1 52
T 3	16 44	5 52	1 23	10 34	1 33	23 7	0 59	21 14	0 35	23 44	0 11	23 12	0 19	1 22	0 41	2 11	1 47	27 18	9 19	1 3	0 16	11 49	8 5	1 52
W 4	17 1	9 18	2 23	11 11	1 27	23 20	1 1	21 23	0 35	23 44	0 11	23 12	0 19	1 23	0 41	2 10	1 47	27 17	9 18	1 1	0 15	11 51	8 4	1 52
T 5	17 19	12 21	3 16	11 49	1 21	23 32	1 3	21 33	0 36	23 44	0 11	23 12	0 19	1 24	0 41	2 10	1 47	27 17	9 18	0 59	0 14	11 52	8 3	1 52
F 6	17 35	14 54	4 0	12 26	1 14	23 43	1 6	21 42	0 36	23 44	0 12	23 12	0 19	1 25	0 41	2 9	1 47	27 17	9 18	0 56	0 12	11 53	8 2	1 52
S 7	17 52	16 50	4 35	13 2	1 7	23 54	1 8	21 50	0 37	23 44	0 12	23 12	0 18	1 26	0 41	2 9	1 47	27 17	9 18	0 52	0 11	11 55	8 1	1 52
S 8	18 8	18 3	4 57	13 39	1 1	24 4	1 10	21 59	0 37	23 43	0 12	23 12	0 18	1 28	0 41	2 8	1 47	27 16	9 18	0 48	0 10	11 56	8 0	1 52
M 9	18 24	18 27	5 6	14 15	0 54	24 13	1 12	22 7	0 38	23 43	0 12	23 11	0 18	1 29	0 41	2 8	1 47	27 16	9 17	0 44	0 8	11 58	7 59	1 52
T 10	18 40	18 1	5 2	14 50	0 47	24 22	1 14	22 15	0 38	23 43	0 12	23 11	0 18	1 30	0 41	2 8	1 47	27 15	9 17	0 41	0 7	11 59	7 58	1 51
W11	18 55	16 42	4 43	15 25	0 40	24 29	1 16	22 23	0 39	23 43	0 12	23 11	0 18	1 31	0 41	2 7	1 47	27 15	9 17	0 38	0 6	12 1	7 57	1 51
T 12	19 10	14 34	4 10	16 0	0 33	24 36	1 19	22 31	0 39	23 43	0 12	23 11	0 18	1 32	0 41	2 7	1 47	27 15	9 17	0 37	0 5	12 2	7 56	1 51
F 13	19 24	11 40	3 24	16 33	0 26	24 43	1 21	22 38	0 40	23 42	0 12	23 11	0 18	1 33	0 41	2 6	1 47	27 14	9 17	0 36	0 3	12 3	7 55	1 51
S 14	19 38	8 6	2 26	17 6	0 19	24 48	1 22	22 46	0 40	23 42	0 12	23 11	0 18	1 34	0 41	2 6	1 47	27 14	9 17	0 36	0 2	12 5	7 54	1 51
S 15	19 52	4 0	1 17	17 39	0 12	24 53	1 24	22 53	0 41	23 42	0 12	23 11	0 18	1 35	0 41	2 6	1 47	27 14	9 16	0 36	0 1	12 6	7 53	1 51
M16	20 6	0s27	0 3	18 10	0 5	24 57	1 26	23 0	0 41	23 41	0 12	23 11	0 18	1 36	0 41	2 5	1 47	27 13	9 16	0 36	0n 0	12 8	7 52	1 51
T 17	20 19	4 59	1n14	18 41	0s 1	25 1	1 28	23 6	0 42	23 41	0 12	23 10	0 18	1 37	0 41	2 5	1 47	27 13	9 16	0 36	0 2	12 9	7 52	1 50
W18	20 31	9 21	2 28	19 11	0 8	25 3	1 30	23 12	0 42	23 41	0 13	23 10	0 17	1 38	0 41	2 5	1 47	27 13	9 16	0 35	0 3	12 10	7 51	1 50
T 19	20 44	13 10	3 32	19 40	0 15	25 5	1 31	23 18	0 43	23 40	0 13	23 10	0 17	1 39	0 41	2 4	1 47	27 12	9 16	0 33	0 4	12 12	7 50	1 50
F 20	20 56	16 8	4 22	20 8	0 21	25 6	1 33	23 24	0 43	23 40	0 13	23 10	0 17	1 40	0 41	2 4	1 47	27 12	9 16	0 29	0 6	12 13	7 49	1 50
S 21	21 7	17 57	4 53	20 35	0 28	25 6	1 34	23 30	0 44	23 39	0 13	23 10	0 17	1 41	0 41	2 4	1 46	27 11	9 15	0 25	0 7	12 15	7 48	1 50
S 22	21 18	18 30	5 3	21 1	0 34	25 6	1 36	23 35	0 44	23 39	0 13	23 10	0 17	1 42	0 41	2 4	1 46	27 11	9 15	0 21	0 8	12 16	7 48	1 50
M23	21 29	17 48	4 54	21 27	0 41	25 4	1 37	23 40	0 45	23 38	0 13	23 9	0 17	1 43	0 41	2 3	1 46	27 10	9 15	0 17	0 9	12 17	7 47	1 50
T 24	21 39	16 2	4 26	21 51	0 47	25 2	1 39	23 45	0 45	23 38	0 13	23 9	0 17	1 44	0 41	2 3	1 46	27 10	9 15	0 14	0 11	12 19	7 46	1 49
W25	21 49	13 24	3 45	22 14	0 53	24 59	1 40	23 50	0 46	23 37	0 13	23 9	0 17	1 45	0 41	2 3	1 46	27 10	9 15	0 12	0 12	12 20	7 45	1 49
T 26	21 59	10 11	2 52	22 36	0 59	24 56	1 41	23 54	0 46	23 37	0 13	23 9	0 17	1 45	0 41	2 3	1 46	27 9	9 15	0 11	0 13	12 22	7 45	1 49
F 27	22 8	6 35	1 53	22 57	1 4	24 52	1 42	23 58	0 47	23 36	0 13	23 9	0 17	1 46	0 41	2 2	1 46	27 9	9 14	0 11	0 14	12 23	7 44	1 49
S 28	22 16	2 48	0 50	23 17	1 10	24 46	1 44	24 2	0 47	23 35	0 13	23 8	0 17	1 47	0 41	2 2	1 46	27 8	9 14	0 11	0 16	12 24	7 43	1 49
S 29	22 24	1n 2	0s14	23 35	1 15	24 41	1 45	24 5	0 48	23 35	0 14	23 8	0 17	1 48	0 41	2 2	1 46	27 8	9 14	0 11	0 17	12 26	7 43	1 49
M30	22s32	4n46	1s17	23s53	1s21	24s34	1s46	24s 8	0s48	23s34	0s14	23s 8	0n16	1s49	0n41	2n 2	1s46	27s 7	9s14	0s11	0n18	12n27	7n42	1n48

Julian Day Number = 2103778.5, Delta T = 20m50s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'04, Lahiri = 10°35'05 Julian Calendar 1 Nov. 1047 == Greg. Calendar 7 Nov. 1047

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ASTRODIENST EPHEMERIS for the year 1047
geocentric

DECEMBER 1047 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 59 45	14♐32'07	26♈50	15♐10	15♏16	23♐ 9	7♏48	6♏28	6♎ 9	9°R10	8♒30	0°R23	29♍11	13♉15	15°R14	T 1
W 2	5 3 42	15°33'16	8♉38	16°45	16°30	23°55	8° 2	6°34	6°11	9♈10	8°31	0♎17	29° 8	13°21	15♈13	W 2
T 3	5 7 39	16°34'25	20°28	18°21	17°44	24°41	8°15	6°41	6°13	9° 9	8°33	0° 8	29° 5	13°28	15°12	T 3
F 4	5 11 35	17°35'35	2♊24	19°56	18°58	25°27	8°29	6°48	6°15	9° 9	8°34	29♍57	29° 2	13°35	15°11	F 4
S 5	5 15 32	18°36'45	14°27	21°32	20°12	26°13	8°43	6°55	6°17	9° 9	8°35	29°43	28°59	13°41	15°10	S 5
S 6	5 19 28	19°37'55	26°38	23° 8	21°26	27° 0	8°56	7° 2	6°18	9° 8	8°36	29°28	28°55	13°48	15°10	S 6
M 7	5 23 25	20°39'06	8♋58	24°44	22°40	27°46	9°10	7° 9	6°20	9° 8	8°38	29°14	28°52	13°55	15° 9	M 7
T 8	5 27 21	21°40'17	21°27	26°21	23°54	28°32	9°24	7°16	6°22	9° 8	8°39	29° 2	28°49	14° 1	15° 8	T 8
W 9	5 31 18	22°41'28	4♌ 6	27°58	25° 8	29°18	9°37	7°22	6°23	9° 7	8°40	28°51	28°46	14° 8	15° 7	W 9
T 10	5 35 14	23°42'39	16°57	29°35	26°22	0♏ 5	9°51	7°29	6°25	9° 7	8°41	28°44	28°43	14°15	15° 7	T 10
F 11	5 39 11	24°43'51	29°59	1♏12	27°36	0°51	10° 5	7°36	6°26	9° 7	8°43	28°40	28°39	14°22	15° 6	F 11
S 12	5 43 8	25°45'03	13♍16	2°50	28°49	1°37	10°19	7°43	6°27	9° 7	8°44	28°38	28°36	14°28	15° 6	S 12
S 13	5 47 4	26°46'16	26°50	4°28	0♒ 3	2°24	10°33	7°50	6°29	9° 7	8°46	28°38	28°33	14°35	15° 5	S 13
M14	5 51 1	27°47'29	10♎42	6° 6	1°17	3°10	10°47	7°57	6°30	9° 7	8°47	28°38	28°30	14°42	15° 5	M14
T 15	5 54 57	28°48'42	24°53	7°44	2°30	3°57	11° 1	8° 4	6°31	9°D 7	8°48	28°36	28°27	14°48	15° 4	T 15
W16	5 58 54	29°49'55	9♏23	9°22	3°44	4°43	11°15	8°12	6°32	9° 7	8°50	28°32	28°24	14°55	15° 4	W16
T 17	6 2 50	0♏51'09	24° 8	11° 1	4°58	5°30	11°29	8°19	6°34	9° 7	8°51	28°26	28°20	15° 2	15° 4	T 17
F 18	6 6 47	1°52'22	9♐ 2	12°40	6°11	6°17	11°43	8°26	6°35	9° 7	8°53	28°16	28°17	15° 8	15° 4	F 18
S 19	6 10 43	2°53'36	23°57	14°18	7°25	7° 3	11°57	8°33	6°36	9° 7	8°54	28° 5	28°14	15°15	15° 3	S 19
S 20	6 14 40	3°54'49	8♏43	15°57	8°38	7°50	12°11	8°40	6°37	9° 7	8°56	27°52	28°11	15°22	15° 3	S 20
M21	6 18 37	4°56'02	23°13	17°35	9°51	8°37	12°25	8°47	6°38	9° 7	8°57	27°40	28° 8	15°28	15°D 3	M21
T 22	6 22 33	5°57'15	7♒18	19°13	11° 5	9°23	12°39	8°54	6°38	9° 8	8°59	27°31	28° 5	15°35	15° 3	T 22
W23	6 26 30	6°58'27	20°56	20°50	12°18	10°10	12°53	9° 1	6°39	9° 8	9° 0	27°23	28° 1	15°42	15° 3	W23
T 24	6 30 26	7°59'38	4♓ 7	22°27	13°31	10°57	13° 7	9° 8	6°40	9° 8	9° 2	27°19	27°58	15°48	15° 4	T 24
F 25	6 34 23	9° 0'49	16°52	24° 2	14°44	11°44	13°21	9°15	6°41	9° 9	9° 3	27°17	27°55	15°55	15° 4	F 25
S 26	6 38 19	10° 1'59	29°15	25°37	15°58	12°31	13°35	9°22	6°41	9° 9	9° 5	27°D17	27°52	16° 2	15° 4	S 26
S 27	6 42 16	11° 3'08	11♈22	27°10	17°11	13°18	13°50	9°30	6°42	9° 9	9° 6	27°R17	27°49	16° 9	15° 4	S 27
M28	6 46 12	12° 4'16	23°17	28°41	18°24	14° 4	14° 4	9°37	6°42	9°10	9° 8	27°16	27°45	16°15	15° 5	M28
T 29	6 50 9	13° 5'24	5♉ 6	0♒10	19°37	14°51	14°18	9°44	6°43	9°10	9°10	27°14	27°42	16°22	15° 5	T 29
W30	6 54 6	14° 6'30	16°55	1°36	20°49	15°38	14°32	9°51	6°43	9°11	9°11	27° 9	27°39	16°29	15° 6	W30
T 31	6 58 2	15♏ 7'36	28♉48	2♒59	22♒ 2	16♏25	14♏46	9♏58	6♎43	9♈11	9♒13	27♍ 2	27♍36	16♉35	15♈ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s40	8n18	2s15	24s 9	1s26	24s27	1s46	24s11	0s49	23s33	0s14	23s 8	0n16	1s49	0n41	2n 2	1s46	27s 7	9s14	0s 9	0n20	12n29	7n42	1n48
W 2	22 46	11 29	3 8	24 24	1 30	24 19	1 47	24 14	0 49	23 33	0 14	23 7	0 16	1 50	0 41	2 2	1 46	27 7	9 14	0 7	0 21	12 30	7 41	1 48
T 3	22 53	14 14	3 52	24 37	1 35	24 10	1 48	24 16	0 49	23 32	0 14	23 7	0 16	1 51	0 41	2 2	1 46	27 6	9 14	0 3	0 22	12 31	7 41	1 48
F 4	22 59	16 23	4 27	24 49	1 39	24 0	1 49	24 19	0 50	23 31	0 14	23 7	0 16	1 52	0 41	2 1	1 46	27 6	9 14	0n 1	0 23	12 33	7 40	1 48
S 5	23 4	17 51	4 50	25 0	1 43	23 50	1 49	24 21	0 50	23 30	0 14	23 7	0 16	1 52	0 42	2 1	1 46	27 5	9 13	0 7	0 25	12 34	7 39	1 48
S 6	23 9	18 32	5 0	25 10	1 47	23 39	1 50	24 22	0 51	23 30	0 14	23 6	0 16	1 53	0 42	2 1	1 46	27 5	9 13	0 13	0 26	12 35	7 39	1 47
M 7	23 14	18 20	4 56	25 18	1 51	23 27	1 50	24 23	0 51	23 29	0 14	23 6	0 16	1 53	0 42	2 1	1 46	27 4	9 13	0 18	0 27	12 37	7 39	1 47
T 8	23 18	17 16	4 38	25 25	1 54	23 15	1 51	24 25	0 51	23 28	0 14	23 6	0 16	1 54	0 42	2 1	1 46	27 4	9 13	0 23	0 28	12 38	7 38	1 47
W 9	23 21	15 21	4 6	25 30	1 57	23 2	1 51	24 25	0 52	23 27	0 14	23 6	0 16	1 55	0 42	2 1	1 46	27 3	9 13	0 27	0 30	12 40	7 38	1 47
T 10	23 25	12 38	3 21	25 33	2 0	22 48	1 51	24 26	0 52	23 26	0 14	23 5	0 16	1 55	0 42	2 1	1 45	27 3	9 13	0 30	0 31	12 41	7 37	1 47
F 11	23 27	9 16	2 25	25 35	2 2	22 34	1 51	24 26	0 53	23 25	0 15	23 5	0 16	1 56	0 42	2 1	1 45	27 2	9 13	0 32	0 32	12 42	7 37	1 47
S 12	23 29	5 22	1 20	25 36	2 4	22 19	1 51	24 26	0 53	23 24	0 15	23 5	0 15	1 56	0 42	2 1	1 45	27 2	9 13	0 33	0 33	12 44	7 37	1 47
S 13	23 31	1 7	0 10	25 35	2 6	22 3	1 51	24 26	0 53	23 23	0 15	23 4	0 15	1 57	0 42	2 1	1 45	27 1	9 12	0 33	0 35	12 45	7 36	1 46
M14	23 32	3s17	1n 3	25 32	2 7	21 47	1 51	24 25	0 54	23 22	0 15	23 4	0 15	1 57	0 42	2 1	1 45	27 1	9 12	0 33	0 36	12 46	7 36	1 46
T 15	23 33	7 36	2 14	25 27	2 8	21 30	1 51	24 24	0 54	23 21	0 15	23 4	0 15	1 58	0 42	2 1	1 45	27 0	9 12	0 33	0 37	12 48	7 36	1 46
W16	23 34	11 34	3 17	25 21	2 8	21 12	1 50	24 23	0 55	23 20	0 15	23 3	0 15	1 58	0 42	2 1	1 45	27 0	9 12	0 35	0 39	12 49	7 35	1 46
T 17	23 33	14 53	4 9	25 13	2 8	20 54	1 50	24 22	0 55	23 19	0 15	23 3	0 15	1 59	0 42	2 1	1 45	26 59	9 12	0 38	0 40	12 50	7 35	1 46
F 18	23 33	17 14	4 44	25 4	2 7	20 35	1 50	24 20	0 55	23 18	0 15	23 2	0 15	1 59	0 42	2 1	1 45	26 59	9 12	0 41	0 41	12 52	7 35	1 46
S 19	23 32	18 26	4 59	24 53	2 6	20 16	1 49	24 18	0 56	23 16	0 15	23 2	0 15	1 59	0 42	2 1	1 45	26 58	9 12	0 46	0 42	12 53	7 35	1 45
S 20	23 30	18 22	4 55	24 40	2 5	19 56	1 48	24 15	0 56	23 15	0 15	23 2	0 15	2 0	0 42	2 2	1 45	26 58	9 12	0 51	0 44	12 54	7 34	1 45
M21	23 28	17 6	4 31	24 25	2 2	19 36	1 48	24 13	0 56	23 14	0 15	23 1	0 15	2 0	0 42	2 2	1 45	26 57	9 12	0 56	0 45	12 56	7 34	1 45
T 22	23 26	14 48	3 52	24 9	1 59	19 15	1 47	24 10	0 57	23 13	0 16	23 1	0 15	2 0	0 42	2 2	1 45	26 57	9 12	1 0	0 46	12 57	7 34	1 45
W23	23 23	11 45	3 0	23 51	1 56	18 53	1 46	24 7	0 57	23 12	0 16	23 0	0 15	2 1	0 42	2 2	1 45	26 56	9 12	1 3	0 47	12 59	7 34	1 45
T 24	23 19	8 12	1 59	23 31	1 52	18 31	1 45	24 3	0 57	23 10	0 16	23 0	0 15	2 1	0 42	2 2	1 45	26 56	9 12	1 4	0 49	13 0	7 34	1 45
F 25	23 15	4 22	0 55	23 10	1 47	18 9	1 44	24 0	0 58	23 9	0 16	23 0	0 15	2 1	0 42	2 2	1 45	26 55	9 11	1 5	0 50	13 1	7 34	1 44
S 26	23 11	0 28	0s10	22 47	1 41	17 46	1 43	23 56	0 58	23 8	0 16	22 59	0 14	2 1	0 42	2 3	1 45	26 55	9 11	1 5	0 51	13 3	7 34	1 44
S 27	23 6	3n23	1 14	22 23	1 35	17 22	1 41	23 51	0 58	23 6	0 16	22 59	0 14	2 1	0 42	2 3	1 45	26 54	9 11	1 5	0 53	13 4	7 34	1 44
M28	23 1	7 2	2 13	21 58	1 28	16 59	1 40	23 47	0 59	23 5	0 16	22 58	0 14	2 2	0 42	2 3	1 44	26 54	9 11	1 5	0 54	13 5	7 34	1 44
T 29	22 55	10 22	3 6	21 31	1 20	16 34	1 39	23 42	0 59	23 3	0 16	22 58	0 14	2 2	0 42	2 3	1 44	26 53	9 11	1 6	0 55	13 7	7 34	1 44
W30	22 49	13 17	3 51	21 3	1 11	16 9	1 37	23 37	0 59	23 2	0 16	22 57	0 14	2 2	0 42	2 3	1 44	26 53	9 11	1 8	0 56	13 8	7 34	1 44
T 31	22s42	15n39	4s26	20s35	1s 1	15s44	1s35	23s32	0s59	23s 1	0s16	22s57	0n14	2s 2	0n42	2n 4	1s44	26s52	9s11	1n11	0n58	13n 9	7n34	1n43

Julian Day Number = 2103808.5, Delta T = 20m50s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'08, Lahiri = 10°35'09 Julian Calendar 1 Dec. 1047 == Greg. Calendar 7 Dec. 1047

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

JANUARY 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	7 1 59	16♑ 8'41	10♊48	4♒19	23♒15	17♑12	15♑ 0	10♑ 5	6♎44	9♈12	9♒14	26°R52	27♍33	16♉42	15♈ 7	F 1
S 2	7 5 55	17° 9'45	22°59	5°33	24°28	17°59	15°14	10°12	6°44	9°12	9°16	26♍40	27°30	16°49	15° 8	S 2
S 3	7 9 52	18°10'48	5♋22	6°43	25°40	18°46	15°29	10°19	6°44	9°13	9°18	26°27	27°26	16°55	15° 8	S 3
M 4	7 13 48	19°11'51	17°57	7°46	26°53	19°33	15°43	10°26	6°44	9°14	9°19	26°14	27°23	17° 2	15° 9	M 4
T 5	7 17 45	20°12'52	0♌44	8°43	28° 5	20°21	15°57	10°33	6°44	9°14	9°21	26° 2	27°20	17° 9	15°10	T 5
W 6	7 21 41	21°13'53	13°44	9°32	29°17	21° 8	16°11	10°40	6°R44	9°15	9°23	25°53	27°17	17°15	15°11	W 6
T 7	7 25 38	22°14'52	26°54	10°13	0♓30	21°55	16°25	10°47	6°44	9°16	9°24	25°47	27°14	17°22	15°12	T 7
F 8	7 29 35	23°15'51	10♍15	10°44	1°42	22°42	16°39	10°54	6°44	9°17	9°26	25°43	27°10	17°29	15°13	F 8
S 9	7 33 31	24°16'50	23°46	11° 5	2°54	23°29	16°53	11° 1	6°44	9°18	9°28	25°D42	27° 7	17°36	15°14	S 9
S 10	7 37 28	25°17'47	7♎28	11°R16	4° 6	24°16	17° 7	11° 8	6°44	9°19	9°30	25°43	27° 4	17°42	15°15	S 10
M11	7 41 24	26°18'44	21°20	11°16	5°18	25° 3	17°21	11°15	6°43	9°19	9°31	25°R43	27° 1	17°49	15°16	M11
T 12	7 45 21	27°19'40	5♏23	11° 4	6°30	25°51	17°36	11°22	6°43	9°20	9°33	25°43	26°58	17°56	15°17	T 12
W13	7 49 17	28°20'35	19°37	10°41	7°41	26°38	17°50	11°29	6°43	9°21	9°35	25°41	26°55	18° 2	15°19	W13
T 14	7 53 14	29°21'29	3♐59	10° 8	8°53	27°25	18° 4	11°36	6°42	9°22	9°37	25°37	26°51	18° 9	15°20	T 14
F 15	7 57 10	0♒22'23	18°26	9°24	10° 5	28°12	18°18	11°43	6°42	9°23	9°38	25°30	26°48	18°16	15°21	F 15
S 16	8 1 7	1°23'15	2♑53	8°31	11°16	29° 0	18°32	11°50	6°41	9°24	9°40	25°22	26°45	18°22	15°23	S 16
S 17	8 5 4	2°24'06	17°14	7°31	12°28	29°47	18°46	11°57	6°41	9°26	9°42	25°12	26°42	18°29	15°24	S 17
M18	8 9 0	3°24'57	1♒22	6°26	13°39	0♒34	19° 0	12° 3	6°40	9°27	9°44	25° 4	26°39	18°36	15°26	M18
T 19	8 12 57	4°25'46	15°13	5°16	14°50	1°22	19°13	12°10	6°39	9°28	9°45	24°56	26°36	18°42	15°27	T 19
W20	8 16 53	5°26'33	28°43	4° 5	16° 1	2° 9	19°27	12°17	6°39	9°29	9°47	24°51	26°32	18°49	15°29	W20
T 21	8 20 50	6°27'19	11♓50	2°53	17°12	2°56	19°41	12°24	6°38	9°30	9°49	24°48	26°29	18°56	15°31	T 21
F 22	8 24 46	7°28'03	24°35	1°44	18°23	3°44	19°55	12°30	6°37	9°32	9°51	24°D47	26°26	19° 3	15°33	F 22
S 23	8 28 43	8°28'46	7♈ 1	0°38	19°33	4°31	20° 9	12°37	6°36	9°33	9°52	24°48	26°23	19° 9	15°34	S 23
S 24	8 32 39	9°29'27	19°10	29♑38	20°44	5°18	20°23	12°44	6°35	9°34	9°54	24°49	26°20	19°16	15°36	S 24
M25	8 36 36	10°30'06	1♉ 8	28°43	21°54	6° 6	20°36	12°50	6°34	9°35	9°56	24°50	26°16	19°23	15°38	M25
T 26	8 40 33	11°30'43	13° 0	27°56	23° 5	6°53	20°50	12°57	6°33	9°37	9°58	24°R51	26°13	19°29	15°40	T 26
W27	8 44 29	12°31'19	24°50	27°15	24°15	7°40	21° 4	13° 3	6°32	9°38	9°59	24°50	26°10	19°36	15°42	W27
T 28	8 48 26	13°31'53	6♊45	26°43	25°25	8°28	21°18	13°10	6°31	9°40	10° 1	24°47	26° 7	19°43	15°44	T 28
F 29	8 52 22	14°32'25	18°48	26°18	26°35	9°15	21°31	13°16	6°29	9°41	10° 3	24°42	26° 4	19°49	15°46	F 29
S 30	8 56 19	15°32'55	1♋ 3	26° 1	27°44	10° 2	21°45	13°23	6°28	9°43	10° 5	24°36	26° 1	19°56	15°48	S 30
S 31	9 0 15	16♒33'24	13♋33	25♑52	28♓54	10♒50	21♑58	13♑29	6♎27	9♈44	10♒ 6	24♍30	25♍57	20♉ 3	15♈51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s35	17n23	4s50	20s 5	0s50	15s19	1s34	23s26	1s 0	22s59	0s17	22s56	0n14	2s 2	0n42	2n 4	1s44	26s52	9s11	1n15	0n59	13n11	7n34	1n43
S 2	22 27	18 22	5 1	19 36	0 38	14 53	1 32	23 20	1 0	22 58	0 17	22 56	0 14	2 2	0 42	2 4	1 44	26 51	9 11	1 20	1 0	13 12	7 34	1 43
S 3	22 19	18 29	4 58	19 6	0 26	14 26	1 30	23 14	1 0	22 56	0 17	22 56	0 14	2 2	0 43	2 5	1 44	26 51	9 11	1 25	1 1	13 13	7 34	1 43
M 4	22 11	17 43	4 41	18 37	0 12	14 0	1 28	23 7	1 0	22 55	0 17	22 55	0 14	2 2	0 43	2 5	1 44	26 51	9 11	1 30	1 3	13 14	7 34	1 43
T 5	22 2	16 2	4 9	18 8	0n 3	13 33	1 26	23 1	1 1	22 53	0 17	22 55	0 14	2 2	0 43	2 5	1 44	26 50	9 11	1 35	1 4	13 16	7 35	1 43
W 6	21 52	13 32	3 24	17 40	0 18	13 5	1 24	22 54	1 1	22 51	0 17	22 54	0 14	2 2	0 43	2 6	1 44	26 50	9 11	1 39	1 5	13 17	7 35	1 42
T 7	21 43	10 18	2 27	17 13	0 34	12 37	1 22	22 46	1 1	22 50	0 17	22 54	0 14	2 2	0 43	2 6	1 44	26 49	9 11	1 41	1 6	13 18	7 35	1 42
F 8	21 33	6 30	1 22	16 49	0 51	12 9	1 19	22 39	1 1	22 48	0 17	22 53	0 14	2 2	0 43	2 6	1 44	26 49	9 11	1 43	1 8	13 20	7 35	1 42
S 9	21 22	2 20	0 10	16 26	1 9	11 41	1 17	22 31	1 2	22 46	0 17	22 53	0 13	2 2	0 43	2 7	1 44	26 48	9 11	1 43	1 9	13 21	7 36	1 42
S 10	21 11	2s 1	1n 2	16 6	1 26	11 13	1 14	22 23	1 2	22 45	0 17	22 52	0 13	2 2	0 43	2 7	1 44	26 48	9 11	1 43	1 10	13 22	7 36	1 42
M11	21 0	6 19	2 13	15 49	1 44	10 44	1 12	22 15	1 2	22 43	0 18	22 52	0 13	2 2	0 43	2 8	1 44	26 47	9 11	1 43	1 12	13 24	7 36	1 42
T 12	20 48	10 18	3 16	15 35	2 2	10 15	1 9	22 6	1 2	22 41	0 18	22 51	0 13	2 2	0 43	2 8	1 44	26 47	9 11	1 43	1 13	13 25	7 37	1 41
W13	20 36	13 45	4 7	15 25	2 19	9 45	1 6	21 57	1 2	22 40	0 18	22 50	0 13	2 1	0 43	2 8	1 44	26 46	9 11	1 43	1 14	13 26	7 37	1 41
T 14	20 23	16 24	4 44	15 18	2 36	9 16	1 4	21 48	1 3	22 38	0 18	22 50	0 13	2 1	0 43	2 9	1 44	26 46	9 11	1 45	1 15	13 28	7 37	1 41
F 15	20 10	18 1	5 3	15 15	2 51	8 46	1 1	21 39	1 3	22 36	0 18	22 49	0 13	2 1	0 43	2 9	1 43	26 45	9 11	1 48	1 17	13 29	7 38	1 41
S 16	19 57	18 29	5 3	15 15	3 5	8 16	0 58	21 29	1 3	22 34	0 18	22 49	0 13	2 1	0 43	2 10	1 43	26 45	9 11	1 51	1 18	13 30	7 38	1 41
S 17	19 43	17 45	4 44	15 19	3 17	7 46	0 55	21 20	1 3	22 32	0 18	22 48	0 13	2 0	0 43	2 10	1 43	26 44	9 11	1 55	1 19	13 31	7 38	1 41
M18	19 29	15 56	4 7	15 25	3 27	7 15	0 51	21 10	1 3	22 31	0 18	22 48	0 13	2 0	0 43	2 11	1 43	26 44	9 11	1 58	1 20	13 33	7 39	1 40
T 19	19 15	13 13	3 16	15 35	3 35	6 45	0 48	20 59	1 4	22 29	0 18	22 47	0 13	2 0	0 43	2 11	1 43	26 43	9 11	2 1	1 22	13 34	7 39	1 40
W20	19 0	9 52	2 16	15 46	3 40	6 14	0 45	20 49	1 4	22 27	0 19	22 47	0 13	1 59	0 43	2 12	1 43	26 43	9 11	2 3	1 23	13 35	7 40	1 40
T 21	18 45	6 5	1 9	16 0	3 43	5 43	0 42	20 38	1 4	22 25	0 19	22 46	0 13	1 59	0 43	2 12	1 43	26 42	9 11	2 5	1 24	13 37	7 40	1 40
F 22	18 30	2 9	0 1	16 14	3 44	5 12	0 38	20 27	1 4	22 23	0 19	22 46	0 13	1 59	0 43	2 13	1 43	26 42	9 11	2 5	1 25	13 38	7 41	1 40
S 23	18 14	1n47	1s 6	16 30	3 42	4 41	0 35	20 16	1 4	22 21	0 19	22 45	0 13	1 58	0 43	2 13	1 43	26 41	9 11	2 5	1 27	13 39	7 42	1 40
S 24	17 58	5 34	2 8	16 47	3 38	4 10	0 31	20 5	1 4	22 19	0 19	22 44	0 12	1 58	0 43	2 14	1 43	26 41	9 11	2 4	1 28	13 40	7 42	1 40
M25	17 42	9 3	3 4	17 3	3 32	3 39	0 27	19 53	1 4	22 17	0 19	22 44	0 12	1 57	0 43	2 14	1 43	26 41	9 11	2 4	1 29	13 42	7 43	1 39
T 26	17 25	12 8	3 51	17 20	3 25	3 7	0 24	19 41	1 4	22 15	0 19	22 43	0 12	1 57	0 43	2 15	1 43	26 40	9 11	2 3	1 31	13 43	7 43	1 39
W27	17 8	14 43	4 29	17 36	3 17	2 36	0 20	19 29	1 5	22 13	0 19	22 43	0 12	1 57	0 43	2 16	1 43	26 40	9 11	2 4	1 32	13 44	7 44	1 39
T 28	16 51	16 42	4 55	17 52	3 7	2 5	0 16	19 17	1 5	22 11	0 19	22 42	0 12	1 56	0 43	2 16	1 43	26 39	9 11	2 5	1 33	13 46	7 45	1 39
F 29	16 33	17 58	5 8	18 7	2 56	1 33	0 12	19 4	1 5	22 9	0 20	22 42	0 12	1 56	0 43	2 17	1 43	26 39	9 12	2 7	1 34	13 47	7 45	1 39
S 30	16 15	18 25	5 8	18 21	2 45	1 2	0 8	18 52	1 5	22 7	0 20	22 41	0 12	1 55	0 43	2 17	1 43	26 38	9 12	2 9	1 36	13 48	7 46	1 39
S 31	15s57	18n 0	4s53	18s35	2n33	0s30	0s 4	18s39	1s 5	22s 5	0s20	22s40	0n12	1s54	0n43	2n18	1s43	26s38	9s12	2n12	1n37	13n49	7n47	1n39

Julian Day Number = 2103839.5, Delta T = 20m50s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'13, Lahiri = 10°35'13 Julian Calendar 1 Jan. 1048 == Greg. Calendar 7 Jan. 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

FEBRUARY 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	9 4 12	17♒33'51	26♋20	25°D49	0♈ 4	11♒37	22♑12	13♑35	6°R25	9♈46	10♒ 8	24°R23	25♍54	20♉ 9	15♈53	M 1
T 2	9 8 8	18°34'15	9♌24	25♑54	1°13	12°24	22°25	13°42	6♎24	9°47	10°10	24♍17	25°51	20°16	15°55	T 2
W 3	9 12 5	19°34'38	22°45	26° 5	2°22	13°12	22°39	13°48	6°23	9°49	10°12	24°12	25°48	20°23	15°57	W 3
T 4	9 16 2	20°35'00	6♍20	26°22	3°31	13°59	22°52	13°54	6°21	9°50	10°13	24° 9	25°45	20°30	16° 0	T 4
F 5	9 19 58	21°35'19	20° 7	26°44	4°40	14°46	23° 5	14° 0	6°20	9°52	10°15	24°D 8	25°42	20°36	16° 2	F 5
S 6	9 23 55	22°35'37	4♎ 3	27°12	5°48	15°34	23°19	14° 6	6°18	9°54	10°17	24° 8	25°38	20°43	16° 4	S 6
S 7	9 27 51	23°35'54	18° 6	27°45	6°57	16°21	23°32	14°12	6°16	9°55	10°19	24° 9	25°35	20°50	16° 7	S 7
M 8	9 31 48	24°36'09	2♏14	28°22	8° 5	17° 8	23°45	14°18	6°15	9°57	10°20	24°11	25°32	20°56	16° 9	M 8
T 9	9 35 44	25°36'22	16°24	29° 3	9°13	17°56	23°58	14°24	6°13	9°59	10°22	24°12	25°29	21° 3	16°12	T 9
W10	9 39 41	26°36'34	0♐34	29°48	10°21	18°43	24°11	14°30	6°11	10° 0	10°24	24°R12	25°26	21°10	16°15	W10
T 11	9 43 37	27°36'44	14°44	0♒37	11°28	19°30	24°24	14°36	6° 9	10° 2	10°25	24°11	25°22	21°16	16°17	T 11
F 12	9 47 34	28°36'53	28°49	1°29	12°36	20°18	24°37	14°42	6° 8	10° 4	10°27	24° 9	25°19	21°23	16°20	F 12
S 13	9 51 31	29°37'00	12♑49	2°24	13°43	21° 5	24°50	14°48	6° 6	10° 6	10°29	24° 6	25°16	21°30	16°23	S 13
S 14	9 55 27	0♓37'06	26°41	3°22	14°50	21°52	25° 3	14°53	6° 4	10° 8	10°30	24° 2	25°13	21°37	16°25	S 14
M15	9 59 24	1°37'10	10♒20	4°23	15°57	22°40	25°16	14°59	6° 2	10° 9	10°32	23°59	25°10	21°43	16°28	M15
T 16	10 3 20	2°37'12	23°46	5°26	17° 4	23°27	25°28	15° 4	6° 0	10°11	10°34	23°56	25° 7	21°50	16°31	T 16
W17	10 7 17	3°37'11	6♓56	6°32	18°10	24°14	25°41	15°10	5°58	10°13	10°35	23°54	25° 3	21°57	16°34	W17
T 18	10 11 13	4°37'09	19°50	7°40	19°16	25° 1	25°54	15°15	5°56	10°15	10°37	23°D53	25° 0	22° 3	16°37	T 18
F 19	10 15 10	5°37'05	2♈27	8°50	20°22	25°49	26° 6	15°21	5°54	10°17	10°39	23°53	24°57	22°10	16°40	F 19
S 20	10 19 6	6°36'59	14°48	10° 2	21°28	26°36	26°19	15°26	5°52	10°19	10°40	23°54	24°54	22°17	16°43	S 20
S 21	10 23 3	7°36'50	26°56	11°16	22°34	27°23	26°31	15°31	5°49	10°21	10°42	23°55	24°51	22°23	16°46	S 21
M22	10 27 0	8°36'40	8♉55	12°32	23°39	28°10	26°43	15°37	5°47	10°23	10°43	23°57	24°47	22°30	16°49	M22
T 23	10 30 56	9°36'27	20°48	13°50	24°44	28°57	26°56	15°42	5°45	10°25	10°45	23°58	24°44	22°37	16°52	T 23
W24	10 34 53	10°36'12	2♊39	15° 9	25°48	29°44	27° 8	15°47	5°43	10°27	10°47	23°59	24°41	22°44	16°55	W24
T 25	10 38 49	11°35'54	14°34	16°30	26°53	0♓31	27°20	15°52	5°41	10°29	10°48	23°R59	24°38	22°50	16°58	T 25
F 26	10 42 46	12°35'34	26°37	17°52	27°57	1°19	27°32	15°57	5°38	10°31	10°50	23°59	24°35	22°57	17° 1	F 26
S 27	10 46 42	13°35'12	8♋52	19°16	29° 1	2° 6	27°44	16° 2	5°36	10°33	10°51	23°58	24°32	23° 4	17° 4	S 27
S 28	10 50 39	14°34'48	21°24	20°42	0♉ 4	2°53	27°56	16° 6	5°34	10°35	10°53	23°57	24°28	23°10	17° 7	S 28
M29	10 54 35	15♓34'21	4♌16	22♒ 9	1♉ 7	3♓40	28♑ 7	16♑11	5♎31	10♈37	10♒54	23♍55	24♍25	23♉17	17♈11	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15s39	16n41	4s24	18s47	2n20	0n 1	0n 0	18s26	1s 5	22s 3	0s20	22s40	0n12	1s54	0n43	2n19	1s43	26s38	9s12	2n15	1n38	13n51	7n47	1n38
T 2	15 20	14 28	3 40	18 59	2 8	0 33	0 4	18 12	1 5	22 1	0 20	22 39	0 12	1 53	0 43	2 19	1 43	26 37	9 12	2 17	1 39	13 52	7 48	1 38
W 3	15 1	11 26	2 43	19 9	1 55	1 4	0 8	17 59	1 5	21 59	0 20	22 39	0 12	1 53	0 43	2 20	1 43	26 37	9 12	2 19	1 41	13 53	7 49	1 38
T 4	14 42	7 45	1 36	19 18	1 43	1 36	0 13	17 45	1 5	21 57	0 20	22 38	0 12	1 52	0 44	2 21	1 43	26 36	9 12	2 20	1 42	13 54	7 50	1 38
F 5	14 23	3 36	0 22	19 26	1 30	2 7	0 17	17 31	1 5	21 55	0 20	22 38	0 12	1 51	0 44	2 21	1 43	26 36	9 12	2 21	1 43	13 56	7 51	1 38
S 6	14 3	0s48	0n54	19 33	1 18	2 39	0 21	17 17	1 5	21 52	0 21	22 37	0 12	1 51	0 44	2 22	1 42	26 36	9 12	2 21	1 45	13 57	7 51	1 38
S 7	13 43	5 10	2 8	19 39	1 5	3 10	0 26	17 3	1 5	21 50	0 21	22 36	0 12	1 50	0 44	2 23	1 42	26 35	9 12	2 20	1 46	13 58	7 52	1 38
M 8	13 23	9 17	3 14	19 43	0 53	3 41	0 30	16 49	1 5	21 48	0 21	22 36	0 12	1 49	0 44	2 24	1 42	26 35	9 13	2 19	1 47	13 59	7 53	1 37
T 9	13 3	12 52	4 8	19 46	0 42	4 12	0 35	16 34	1 5	21 46	0 21	22 35	0 11	1 49	0 44	2 24	1 42	26 34	9 13	2 19	1 48	14 1	7 54	1 37
W10	12 42	15 41	4 48	19 48	0 30	4 43	0 39	16 20	1 5	21 44	0 21	22 35	0 11	1 48	0 44	2 25	1 42	26 34	9 13	2 19	1 50	14 2	7 55	1 37
T 11	12 22	17 33	5 10	19 49	0 19	5 14	0 44	16 5	1 5	21 42	0 21	22 34	0 11	1 47	0 44	2 26	1 42	26 34	9 13	2 19	1 51	14 3	7 56	1 37
F 12	12 1	18 21	5 13	19 48	0 8	5 45	0 49	15 50	1 5	21 39	0 21	22 34	0 11	1 47	0 44	2 26	1 42	26 33	9 13	2 20	1 52	14 4	7 57	1 37
S 13	11 40	18 0	4 57	19 46	0s 3	6 16	0 53	15 34	1 5	21 37	0 21	22 33	0 11	1 46	0 44	2 27	1 42	26 33	9 13	2 21	1 53	14 6	7 58	1 37
S 14	11 19	16 36	4 25	19 42	0 13	6 46	0 58	15 19	1 5	21 35	0 22	22 32	0 11	1 45	0 44	2 28	1 42	26 33	9 13	2 23	1 55	14 7	7 58	1 37
M15	10 57	14 15	3 37	19 38	0 23	7 16	1 3	15 4	1 5	21 33	0 22	22 32	0 11	1 44	0 44	2 29	1 42	26 32	9 13	2 24	1 56	14 8	7 59	1 37
T 16	10 36	11 10	2 38	19 31	0 32	7 46	1 8	14 48	1 5	21 31	0 22	22 31	0 11	1 43	0 44	2 29	1 42	26 32	9 14	2 25	1 57	14 9	8 0	1 36
W17	10 14	7 35	1 32	19 24	0 41	8 16	1 12	14 32	1 5	21 28	0 22	22 31	0 11	1 43	0 44	2 30	1 42	26 32	9 14	2 26	1 58	14 11	8 1	1 36
T 18	9 52	3 42	0 22	19 15	0 50	8 46	1 17	14 16	1 5	21 26	0 22	22 30	0 11	1 42	0 44	2 31	1 42	26 31	9 14	2 26	2 0	14 12	8 2	1 36
F 19	9 30	0n15	0s47	19 5	0 58	9 16	1 22	14 0	1 5	21 24	0 22	22 30	0 11	1 41	0 44	2 32	1 42	26 31	9 14	2 26	2 1	14 13	8 3	1 36
S 20	9 8	4 7	1 53	18 53	1 6	9 45	1 27	13 44	1 5	21 22	0 22	22 29	0 11	1 40	0 44	2 33	1 42	26 31	9 14	2 26	2 2	14 14	8 4	1 36
S 21	8 45	7 45	2 53	18 40	1 14	10 14	1 32	13 27	1 5	21 20	0 23	22 28	0 11	1 39	0 44	2 33	1 42	26 30	9 14	2 25	2 3	14 15	8 6	1 36
M22	8 23	11 0	3 44	18 25	1 21	10 43	1 37	13 11	1 5	21 17	0 23	22 28	0 11	1 38	0 44	2 34	1 42	26 30	9 14	2 25	2 5	14 17	8 7	1 36
T 23	8 0	13 47	4 25	18 9	1 28	11 12	1 42	12 54	1 5	21 15	0 23	22 27	0 11	1 37	0 44	2 35	1 42	26 30	9 15	2 24	2 6	14 18	8 8	1 36
W24	7 38	15 58	4 55	17 52	1 34	11 40	1 46	12 38	1 5	21 13	0 23	22 27	0 11	1 37	0 44	2 36	1 42	26 29	9 15	2 24	2 7	14 19	8 9	1 35
T 25	7 15	17 29	5 12	17 33	1 40	12 8	1 51	12 21	1 5	21 11	0 23	22 26	0 10	1 36	0 44	2 37	1 42	26 29	9 15	2 24	2 9	14 20	8 10	1 35
F 26	6 52	18 15	5 16	17 13	1 45	12 36	1 56	12 4	1 4	21 8	0 23	22 26	0 10	1 35	0 44	2 37	1 42	26 29	9 15	2 24	2 10	14 22	8 11	1 35
S 27	6 29	18 10	5 6	16 52	1 51	13 4	2 1	11 47	1 4	21 6	0 23	22 25	0 10	1 34	0 44	2 38	1 42	26 29	9 15	2 25	2 11	14 23	8 12	1 35
S 28	6 6	17 13	4 41	16 29	1 55	13 31	2 6	11 30	1 4	21 4	0 24	22 25	0 10	1 33	0 44	2 39	1 42	26 28	9 16	2 25	2 12	14 24	8 13	1 35
M29	5s43	15n22	4s 2	16s 5	2s 0	13n58	2n11	11s13	1s 4	21s 2	0s24	22s24	0n10	1s32	0n44	2n40	1s42	26s28	9s16	2n26	2n14	14n25	8n14	1n35

Julian Day Number = 2103870.5, Delta T = 20m49s
Ecliptic obliquity = 23°33'36, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'17, Lahiri = 10°35'17 Julian Calendar 1 Feb. 1048 == Greg. Calendar 7 Feb. 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

MARCH 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 58 32	16♓33'52	17♌29	23♒37	2♉10	4♓27	28♑19	16♑16	5°R29	10♈39	10♒56	23°R54	24♍22	23♉24	17♈14	T 1
W 2	11 2 28	17°33'21	1♍ 3	25° 7	3°12	5°14	28°31	16°20	5♎27	10°41	10°57	23♍54	24°19	23°30	17°17	W 2
T 3	11 6 25	18°32'48	14°58	26°38	4°15	6° 1	28°42	16°25	5°24	10°44	10°59	23°53	24°16	23°37	17°20	T 3
F 4	11 10 22	19°32'12	29°11	28°11	5°16	6°48	28°54	16°29	5°22	10°46	11° 0	23°D53	24°13	23°44	17°24	F 4
S 5	11 14 18	20°31'34	13♎35	29°45	6°18	7°34	29° 5	16°34	5°19	10°48	11° 2	23°53	24° 9	23°51	17°27	S 5
S 6	11 18 15	21°30'55	28° 7	1♓20	7°19	8°21	29°16	16°38	5°17	10°50	11° 3	23°54	24° 6	23°57	17°30	S 6
M 7	11 22 11	22°30'13	12♏40	2°57	8°19	9° 8	29°27	16°42	5°14	10°52	11° 4	23°54	24° 3	24° 4	17°34	M 7
T 8	11 26 8	23°29'30	27°10	4°35	9°20	9°55	29°38	16°46	5°12	10°54	11° 6	23°54	24° 0	24°11	17°37	T 8
W 9	11 30 4	24°28'45	11♐31	6°14	10°19	10°42	29°49	16°50	5° 9	10°56	11° 7	23°R54	23°57	24°17	17°41	W 9
T 10	11 34 1	25°27'58	25°41	7°55	11°19	11°29	0♒ 0	16°54	5° 7	10°59	11° 9	23°D54	23°53	24°24	17°44	T 10
F 11	11 37 57	26°27'10	9♑38	9°37	12°18	12°15	0°11	16°58	5° 4	11° 1	11°10	23°54	23°50	24°31	17°47	F 11
S 12	11 41 54	27°26'19	23°21	11°21	13°16	13° 2	0°22	17° 2	5° 2	11° 3	11°11	23°54	23°47	24°38	17°51	S 12
S 13	11 45 51	28°25'27	6♒49	13° 6	14°14	13°49	0°32	17° 6	4°59	11° 5	11°12	23°55	23°44	24°44	17°54	S 13
M14	11 49 47	29°24'33	20° 3	14°52	15°12	14°36	0°43	17°10	4°57	11° 8	11°14	23°55	23°41	24°51	17°58	M14
T 15	11 53 44	0♈23'37	3♓ 3	16°40	16° 9	15°22	0°53	17°13	4°54	11°10	11°15	23°56	23°38	24°58	18° 1	T 15
W16	11 57 40	1°22'39	15°50	18°29	17° 5	16° 9	1° 3	17°17	4°51	11°12	11°16	23°56	23°34	25° 4	18° 5	W16
T 17	12 1 37	2°21'39	28°25	20°20	18° 1	16°55	1°14	17°20	4°49	11°14	11°17	23°R56	23°31	25°11	18° 9	T 17
F 18	12 5 33	3°20'36	10♈48	22°12	18°57	17°42	1°24	17°23	4°46	11°16	11°19	23°56	23°28	25°18	18°12	F 18
S 19	12 9 30	4°19'32	23° 0	24° 6	19°52	18°28	1°34	17°27	4°44	11°19	11°20	23°55	23°25	25°24	18°16	S 19
S 20	12 13 26	5°18'26	5♉ 3	26° 1	20°46	19°15	1°43	17°30	4°41	11°21	11°21	23°53	23°22	25°31	18°19	S 20
M21	12 17 23	6°17'17	17° 0	27°58	21°40	20° 1	1°53	17°33	4°39	11°23	11°22	23°52	23°19	25°38	18°23	M21
T 22	12 21 20	7°16'07	28°52	29°56	22°33	20°48	2° 3	17°36	4°36	11°25	11°23	23°50	23°15	25°45	18°27	T 22
W23	12 25 16	8°14'54	10♊43	1♈55	23°25	21°34	2°12	17°39	4°33	11°28	11°24	23°48	23°12	25°51	18°30	W23
T 24	12 29 13	9°13'38	22°37	3°56	24°17	22°20	2°22	17°41	4°31	11°30	11°25	23°46	23° 9	25°58	18°34	T 24
F 25	12 33 9	10°12'21	4♋39	5°58	25° 8	23° 7	2°31	17°44	4°28	11°32	11°27	23°D46	23° 6	26° 5	18°37	F 25
S 26	12 37 6	11°11'01	16°51	8° 1	25°58	23°53	2°40	17°47	4°26	11°35	11°28	23°46	23° 3	26°11	18°41	S 26
S 27	12 41 2	12° 9'39	29°20	10° 5	26°48	24°39	2°49	17°49	4°23	11°37	11°29	23°46	22°59	26°18	18°45	S 27
M28	12 44 59	13° 8'15	12♌ 9	12°10	27°37	25°25	2°58	17°52	4°21	11°39	11°30	23°48	22°56	26°25	18°48	M28
T 29	12 48 55	14° 6'48	25°22	14°17	28°25	26°11	3° 6	17°54	4°18	11°41	11°31	23°49	22°53	26°32	18°52	T 29
W30	12 52 52	15° 5'20	9♍ 0	16°24	29°12	26°57	3°15	17°56	4°16	11°44	11°31	23°50	22°50	26°38	18°56	W30
T 31	12 56 48	16♈ 3'49	23♍ 4	18♈31	29♉58	27♓43	3♒24	17♑59	4♎13	11♈46	11♒32	23°R51	22♍47	26♉45	18♈59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	5s20	12n41	3s 9	15s39	2s 3	14n25	2n16	10s55	1s 4	21s 0	0s24	22s24	0n10	1s31	0n44	2n41	1s42	26s28	9s16	2n26	2n15	14n26	8n15	1n35
W 2	4 56	9 14	2 3	15 12	2 7	14 51	2 21	10 38	1 4	20 57	0 24	22 23	0 10	1 30	0 44	2 42	1 42	26 28	9 16	2 26	2 16	14 28	8 17	1 35
T 3	4 33	5 11	0 49	14 44	2 10	15 17	2 26	10 20	1 4	20 55	0 24	22 23	0 10	1 29	0 44	2 42	1 42	26 27	9 16	2 26	2 17	14 29	8 18	1 35
F 4	4 10	0 47	0n29	14 14	2 12	15 43	2 31	10 3	1 4	20 53	0 24	22 22	0 10	1 28	0 44	2 43	1 42	26 27	9 17	2 26	2 19	14 30	8 19	1 34
S 5	3 46	3s45	1 47	13 43	2 15	16 8	2 36	9 45	1 3	20 51	0 24	22 22	0 10	1 27	0 44	2 44	1 42	26 27	9 17	2 26	2 20	14 31	8 20	1 34
S 6	3 23	8 4	2 59	13 10	2 16	16 33	2 40	9 27	1 3	20 49	0 25	22 21	0 10	1 26	0 44	2 45	1 42	26 27	9 17	2 26	2 21	14 32	8 21	1 34
M 7	2 59	11 55	3 59	12 37	2 17	16 57	2 45	9 9	1 3	20 46	0 25	22 21	0 10	1 25	0 44	2 46	1 42	26 27	9 17	2 26	2 22	14 34	8 23	1 34
T 8	2 36	15 1	4 44	12 1	2 18	17 21	2 50	8 51	1 3	20 44	0 25	22 20	0 10	1 24	0 44	2 47	1 42	26 26	9 17	2 26	2 24	14 35	8 24	1 34
W 9	2 12	17 9	5 10	11 25	2 18	17 45	2 55	8 33	1 3	20 42	0 25	22 20	0 10	1 23	0 44	2 48	1 42	26 26	9 18	2 26	2 25	14 36	8 25	1 34
T 10	1 49	18 12	5 17	10 47	2 18	18 8	2 59	8 15	1 2	20 40	0 25	22 20	0 10	1 22	0 44	2 49	1 42	26 26	9 18	2 26	2 26	14 37	8 26	1 34
F 11	1 25	18 8	5 6	10 7	2 18	18 31	3 4	7 57	1 2	20 38	0 25	22 19	0 10	1 21	0 44	2 49	1 42	26 26	9 18	2 26	2 28	14 38	8 27	1 34
S 12	1 1	16 59	4 37	9 27	2 16	18 54	3 9	7 39	1 2	20 36	0 26	22 19	0 9	1 20	0 44	2 50	1 42	26 26	9 18	2 26	2 29	14 40	8 29	1 34
S 13	0 38	14 54	3 53	8 45	2 15	19 16	3 13	7 21	1 2	20 33	0 26	22 18	0 9	1 19	0 44	2 51	1 42	26 25	9 18	2 26	2 30	14 41	8 30	1 34
M14	0 14	12 4	2 57	8 1	2 12	19 38	3 18	7 3	1 2	20 31	0 26	22 18	0 9	1 18	0 44	2 52	1 42	26 25	9 19	2 26	2 31	14 42	8 31	1 33
T 15	0n 9	8 40	1 53	7 17	2 10	19 59	3 22	6 44	1 1	20 29	0 26	22 18	0 9	1 17	0 44	2 53	1 42	26 25	9 19	2 25	2 33	14 43	8 33	1 33
W16	0 33	4 55	0 45	6 31	2 7	20 19	3 27	6 26	1 1	20 27	0 26	22 17	0 9	1 16	0 44	2 54	1 42	26 25	9 19	2 25	2 34	14 44	8 34	1 33
T 17	0 57	1 1	0s25	5 44	2 3	20 40	3 31	6 7	1 1	20 25	0 26	22 17	0 9	1 15	0 44	2 55	1 42	26 25	9 19	2 25	2 35	14 45	8 35	1 33
F 18	1 20	2n53	1 32	4 55	1 59	21 0	3 35	5 49	1 1	20 23	0 27	22 16	0 9	1 14	0 44	2 56	1 42	26 25	9 20	2 25	2 36	14 47	8 36	1 33
S 19	1 44	6 36	2 34	4 6	1 54	21 19	3 40	5 30	1 0	20 21	0 27	22 16	0 9	1 13	0 44	2 56	1 42	26 25	9 20	2 26	2 38	14 48	8 38	1 33
S 20	2 7	10 0	3 29	3 15	1 49	21 38	3 44	5 12	1 0	20 19	0 27	22 16	0 9	1 12	0 44	2 57	1 42	26 25	9 20	2 26	2 39	14 49	8 39	1 33
M21	2 31	12 57	4 13	2 23	1 43	21 56	3 48	4 53	1 0	20 17	0 27	22 15	0 9	1 11	0 44	2 58	1 42	26 25	9 20	2 27	2 40	14 50	8 40	1 33
T 22	2 54	15 21	4 47	1 30	1 37	22 14	3 52	4 35	1 0	20 15	0 27	22 15	0 9	1 10	0 44	2 59	1 42	26 24	9 21	2 28	2 41	14 51	8 42	1 33
W23	3 17	17 5	5 8	0 36	1 30	22 31	3 56	4 16	0 59	20 13	0 28	22 15	0 9	1 9	0 44	3 0	1 42	26 24	9 21	2 29	2 43	14 52	8 43	1 33
T 24	3 40	18 6	5 16	0n18	1 23	22 48	4 0	3 57	0 59	20 11	0 28	22 14	0 9	1 8	0 44	3 1	1 42	26 24	9 21	2 29	2 44	14 54	8 44	1 33
F 25	4 4	18 19	5 10	1 14	1 15	23 5	4 3	3 39	0 59	20 9	0 28	22 14	0 9	1 7	0 44	3 2	1 42	26 24	9 21	2 29	2 45	14 55	8 46	1 33
S 26	4 27	17 41	4 51	2 11	1 6	23 20	4 7	3 20	0 58	20 7	0 28	22 14	0 9	1 6	0 44	3 3	1 42	26 24	9 22	2 29	2 46	14 56	8 47	1 32
S 27	4 50	16 12	4 17	3 8	0 58	23 36	4 10	3 1	0 58	20 5	0 28	22 14	0 8	1 5	0 44	3 4	1 42	26 24	9 22	2 29	2 48	14 57	8 48	1 32
M28	5 13	13 52	3 30	4 5	0 49	23 51	4 14	2 43	0 58	20 3	0 28	22 13	0 8	1 4	0 44	3 4	1 42	26 24	9 22	2 29	2 49	14 58	8 50	1 32
T 29	5 36	10 46	2 31	5 3	0 39	24 5	4 17	2 24	0 57	20 2	0 29	22 13	0 8	1 3	0 44	3 5	1 42	26 24	9 23	2 28	2 50	14 59	8 51	1 32
W30	5 58	6 59	1 21	6 2	0 29	24 19	4 20	2 5	0 57	20 0	0 29	22 13	0 8	1 2	0 44	3 6	1 42	26 24	9 23	2 28	2 52	15 0	8 52	1 32
T 31	6n21	2n42	0s 4	7n 0	0s19	24n32	4n23	1s47	0s57	19s58	0s29	22s13	0n 8	1s 1	0n44	3n 7	1s42	26s24	9s23	2n27	2n53	15n 2	8n54	1n32

Julian Day Number = 2103899.5, Delta T = 20m49s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'21, Lahiri = 10°35'21 Julian Calendar 1 March 1048 == Greg. Calendar 7 March 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

APRIL 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	13 0 45	17♈ 2'16	7♎32	20♈39	0♊43	28♓29	3♒32	18♑ 1	4°R11	11♈48	11♒33	23°R50	22♍44	26♉52	19♈ 3	F 1
S 2	13 4 42	18° 0'41	22°17	22°47	1°28	29°15	3°40	18° 3	4♎ 8	11°50	11°34	23♍49	22°40	26°58	19° 7	S 2
S 3	13 8 38	18°59'04	7♏14	24°54	2°11	0♈ 1	3°48	18° 4	4° 6	11°53	11°35	23°46	22°37	27° 5	19°10	S 3
M 4	13 12 35	19°57'25	22°14	27° 1	2°53	0°47	3°56	18° 6	4° 3	11°55	11°36	23°42	22°34	27°12	19°14	M 4
T 5	13 16 31	20°55'45	7♐ 8	29° 8	3°34	1°33	4° 4	18° 8	4° 1	11°57	11°37	23°39	22°31	27°18	19°18	T 5
W 6	13 20 28	21°54'03	21°48	1♉13	4°15	2°19	4°12	18°10	3°58	11°59	11°37	23°36	22°28	27°25	19°21	W 6
T 7	13 24 24	22°52'20	6♑10	3°17	4°54	3° 5	4°19	18°11	3°56	12° 2	11°38	23°33	22°24	27°32	19°25	T 7
F 8	13 28 21	23°50'35	20°10	5°19	5°31	3°50	4°27	18°12	3°53	12° 4	11°39	23°D32	22°21	27°39	19°29	F 8
S 9	13 32 17	24°48'48	3♒47	7°19	6° 8	4°36	4°34	18°14	3°51	12° 6	11°40	23°33	22°18	27°45	19°32	S 9
S 10	13 36 14	25°47'00	17° 4	9°16	6°43	5°22	4°41	18°15	3°49	12° 8	11°40	23°34	22°15	27°52	19°36	S 10
M11	13 40 11	26°45'11	0♓ 2	11°12	7°17	6° 7	4°48	18°16	3°46	12°10	11°41	23°35	22°12	27°59	19°40	M11
T 12	13 44 7	27°43'19	12°44	13° 4	7°50	6°53	4°55	18°17	3°44	12°13	11°42	23°37	22° 9	28° 5	19°43	T 12
W13	13 48 4	28°41'27	25°13	14°53	8°21	7°38	5° 1	18°18	3°42	12°15	11°42	23°R37	22° 5	28°12	19°47	W13
T 14	13 52 0	29°39'32	7♈30	16°40	8°51	8°24	5° 8	18°19	3°40	12°17	11°43	23°36	22° 2	28°19	19°51	T 14
F 15	13 55 57	0♉37'36	19°39	18°22	9°19	9° 9	5°14	18°20	3°37	12°19	11°44	23°34	21°59	28°26	19°54	F 15
S 16	13 59 53	1°35'39	1♉41	20° 2	9°46	9°54	5°20	18°20	3°35	12°21	11°44	23°29	21°56	28°32	19°58	S 16
S 17	14 3 50	2°33'40	13°38	21°38	10°11	10°40	5°26	18°21	3°33	12°24	11°45	23°23	21°53	28°39	20° 1	S 17
M18	14 7 46	3°31'39	25°31	23°10	10°34	11°25	5°32	18°21	3°31	12°26	11°45	23°15	21°50	28°46	20° 5	M18
T 19	14 11 43	4°29'36	7♊22	24°38	10°56	12°10	5°38	18°21	3°29	12°28	11°46	23° 8	21°46	28°52	20° 9	T 19
W20	14 15 40	5°27'32	19°14	26° 3	11°15	12°55	5°44	18°22	3°27	12°30	11°46	23° 0	21°43	28°59	20°12	W20
T 21	14 19 36	6°25'26	1♋ 9	27°23	11°33	13°40	5°49	18°22	3°25	12°32	11°46	22°54	21°40	29° 6	20°16	T 21
F 22	14 23 33	7°23'18	13° 9	28°40	11°49	14°25	5°54	18°R22	3°23	12°34	11°47	22°49	21°37	29°13	20°19	F 22
S 23	14 27 29	8°21'09	25°21	29°53	12° 3	15°10	5°59	18°22	3°21	12°36	11°47	22°47	21°34	29°19	20°23	S 23
S 24	14 31 26	9°18'58	7♌46	1♊ 1	12°14	15°55	6° 4	18°22	3°19	12°38	11°47	22°D46	21°30	29°26	20°26	S 24
M25	14 35 22	10°16'44	20°30	2° 6	12°24	16°40	6° 9	18°21	3°17	12°40	11°48	22°46	21°27	29°33	20°30	M25
T 26	14 39 19	11°14'30	3♍37	3° 6	12°31	17°25	6°13	18°21	3°15	12°42	11°48	22°47	21°24	29°39	20°33	T 26
W27	14 43 15	12°12'13	17°10	4° 2	12°37	18°10	6°18	18°21	3°13	12°45	11°48	22°R48	21°21	29°46	20°37	W27
T 28	14 47 12	13° 9'55	1♎12	4°53	12°39	18°54	6°22	18°20	3°12	12°47	11°49	22°48	21°18	29°53	20°40	T 28
F 29	14 51 9	14° 7'35	15°41	5°41	12°R40	19°39	6°26	18°19	3°10	12°49	11°49	22°46	21°15	29°59	20°44	F 29
S 30	14 55 5	15♉ 5'13	0♏33	6♊23	12♊38	20♈24	6♒30	18♑19	3♎ 8	12♈51	11♒49	22♍42	21♍11	0♊ 6	20♈47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n44	1s52	1n15	7n58	0s 8	24n44	4n26	1s28	0s56	19s56	0s29	22s12	0n 8	1s 0	0n44	3n 8	1s42	26s24	9s23	2n28	2n54	15n 3	8n55	1n32
S 2	7 6	6 24	2 30	8 56	0n 2	24 57	4 29	1 9	0 56	19 54	0 29	22 12	0 8	0 59	0 44	3 9	1 42	26 24	9 24	2 28	2 55	15 4	8 56	1 32
S 3	7 28	10 35	3 36	9 53	0 13	25 8	4 32	0 51	0 56	19 53	0 30	22 12	0 8	0 58	0 44	3 10	1 42	26 24	9 24	2 29	2 57	15 5	8 58	1 32
M 4	7 50	14 6	4 28	10 50	0 24	25 19	4 34	0 32	0 55	19 51	0 30	22 12	0 8	0 57	0 44	3 11	1 42	26 24	9 24	2 31	2 58	15 6	8 59	1 32
T 5	8 13	16 40	5 1	11 46	0 35	25 29	4 36	0 13	0 55	19 49	0 30	22 12	0 8	0 56	0 44	3 11	1 42	26 24	9 25	2 32	2 59	15 7	9 0	1 32
W 6	8 34	18 6	5 13	12 40	0 46	25 39	4 38	0n 5	0 55	19 48	0 30	22 12	0 8	0 55	0 44	3 12	1 42	26 24	9 25	2 33	3 0	15 8	9 2	1 32
T 7	8 56	18 19	5 6	13 33	0 56	25 49	4 40	0 24	0 54	19 46	0 30	22 11	0 8	0 54	0 44	3 13	1 42	26 24	9 25	2 34	3 2	15 9	9 3	1 32
F 8	9 18	17 25	4 40	14 24	1 7	25 57	4 42	0 43	0 54	19 44	0 31	22 11	0 8	0 53	0 44	3 14	1 42	26 24	9 25	2 35	3 3	15 11	9 4	1 32
S 9	9 39	15 31	4 0	15 14	1 17	26 5	4 43	1 1	0 53	19 43	0 31	22 11	0 8	0 52	0 44	3 15	1 42	26 24	9 26	2 35	3 4	15 12	9 6	1 32
S 10	10 1	12 50	3 7	16 1	1 26	26 13	4 45	1 20	0 53	19 41	0 31	22 11	0 8	0 51	0 44	3 16	1 42	26 24	9 26	2 34	3 5	15 13	9 7	1 32
M11	10 22	9 34	2 5	16 47	1 36	26 20	4 46	1 38	0 53	19 40	0 31	22 11	0 7	0 50	0 44	3 17	1 42	26 25	9 26	2 33	3 7	15 14	9 8	1 31
T 12	10 43	5 54	0 59	17 30	1 44	26 26	4 47	1 57	0 52	19 38	0 31	22 11	0 7	0 49	0 44	3 17	1 42	26 25	9 27	2 33	3 8	15 15	9 10	1 31
W13	11 4	2 3	0s 9	18 10	1 52	26 32	4 47	2 15	0 52	19 37	0 32	22 11	0 7	0 49	0 44	3 18	1 42	26 25	9 27	2 33	3 9	15 16	9 11	1 31
T 14	11 24	1n51	1 15	18 49	2 0	26 37	4 48	2 34	0 51	19 36	0 32	22 11	0 7	0 48	0 44	3 19	1 42	26 25	9 27	2 33	3 10	15 17	9 12	1 31
F 15	11 45	5 37	2 17	19 25	2 7	26 42	4 48	2 52	0 51	19 34	0 32	22 11	0 7	0 47	0 44	3 20	1 42	26 25	9 27	2 34	3 12	15 18	9 14	1 31
S 16	12 5	9 7	3 12	19 58	2 13	26 46	4 47	3 10	0 51	19 33	0 32	22 11	0 7	0 46	0 44	3 21	1 42	26 25	9 28	2 36	3 13	15 19	9 15	1 31
S 17	12 25	12 13	3 58	20 29	2 18	26 49	4 47	3 28	0 50	19 32	0 32	22 11	0 7	0 45	0 44	3 22	1 42	26 25	9 28	2 38	3 14	15 21	9 16	1 31
M18	12 45	14 48	4 34	20 57	2 23	26 52	4 46	3 47	0 50	19 31	0 33	22 11	0 7	0 44	0 44	3 22	1 42	26 25	9 28	2 41	3 15	15 22	9 18	1 31
T 19	13 5	16 46	4 57	21 23	2 26	26 54	4 45	4 5	0 49	19 29	0 33	22 11	0 7	0 43	0 44	3 23	1 42	26 26	9 29	2 44	3 17	15 23	9 19	1 31
W20	13 24	18 0	5 8	21 47	2 29	26 55	4 44	4 23	0 49	19 28	0 33	22 11	0 7	0 43	0 44	3 24	1 42	26 26	9 29	2 47	3 18	15 24	9 20	1 31
T 21	13 44	18 28	5 6	22 8	2 31	26 56	4 42	4 41	0 48	19 27	0 33	22 11	0 7	0 42	0 44	3 25	1 42	26 26	9 29	2 50	3 19	15 25	9 22	1 31
F 22	14 3	18 6	4 50	22 26	2 32	26 56	4 40	4 59	0 48	19 26	0 34	22 11	0 7	0 41	0 44	3 26	1 42	26 26	9 30	2 52	3 21	15 26	9 23	1 31
S 23	14 22	16 54	4 21	22 43	2 33	26 56	4 37	5 17	0 47	19 25	0 34	22 11	0 7	0 40	0 43	3 26	1 42	26 26	9 30	2 53	3 22	15 27	9 24	1 31
S 24	14 40	14 54	3 39	22 57	2 32	26 54	4 34	5 34	0 47	19 24	0 34	22 11	0 7	0 40	0 43	3 27	1 42	26 26	9 30	2 53	3 23	15 28	9 26	1 31
M25	14 59	12 7	2 45	23 8	2 30	26 52	4 31	5 52	0 46	19 23	0 34	22 11	0 6	0 39	0 43	3 28	1 42	26 27	9 30	2 53	3 24	15 29	9 27	1 31
T 26	15 17	8 39	1 42	23 18	2 28	26 50	4 27	6 10	0 46	19 22	0 34	22 11	0 6	0 38	0 43	3 29	1 42	26 27	9 31	2 53	3 26	15 30	9 28	1 31
W27	15 35	4 38	0 30	23 25	2 24	26 46	4 23	6 27	0 45	19 21	0 35	22 12	0 6	0 37	0 43	3 30	1 42	26 27	9 31	2 52	3 27	15 32	9 29	1 31
T 28	15 52	0 13	0n45	23 30	2 19	26 42	4 19	6 45	0 45	19 20	0 35	22 12	0 6	0 37	0 43	3 30	1 42	26 27	9 31	2 52	3 28	15 33	9 31	1 31
F 29	16 10	4s21	2 0	23 33	2 14	26 37	4 14	7 2	0 44	19 20	0 35	22 12	0 6	0 36	0 43	3 31	1 42	26 27	9 32	2 53	3 29	15 34	9 32	1 31
S 30	16n27	8s47	3n 9	23n35	2n 7	26n31	4n 8	7n20	0s44	19s19	0s35	22s12	0n 6	0s35	0n43	3n32	1s42	26s28	9s32	2n55	3n31	15n35	9n33	1n31

Julian Day Number = 2103930.5, Delta T = 20m49s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'25, Lahiri = 10°35'26 Julian Calendar 1 Apr. 1048 == Greg. Calendar 7 Apr. 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

MAY 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 59 2	16♉ 2'51	15♏43	7♊ 2	12°R34	21♈ 8	6♒33	18°R18	3°R 6	12♈52	11♒49	22°R36	21♍ 8	0♊13	20♈51	S 1
M 2	15 2 58	17° 0'27	1♐ 0	7°35	12♊27	21°53	6°37	18♑17	3♎ 5	12°54	11°49	22♍28	21° 5	0°20	20°54	M 2
T 3	15 6 55	17°58'01	16°12	8° 4	12°18	22°37	6°40	18°16	3° 3	12°56	11°49	22°20	21° 2	0°26	20°57	T 3
W 4	15 10 51	18°55'35	1♑11	8°28	12° 6	23°22	6°43	18°15	3° 2	12°58	11°49	22°12	20°59	0°33	21° 1	W 4
T 5	15 14 48	19°53'08	15°47	8°48	11°52	24° 6	6°46	18°14	3° 0	13° 0	11°50	22° 6	20°56	0°40	21° 4	T 5
F 6	15 18 44	20°50'40	29°57	9° 3	11°36	24°50	6°49	18°12	2°59	13° 2	11°50	22° 2	20°52	0°47	21° 7	F 6
S 7	15 22 41	21°48'10	13♒39	9°13	11°17	25°34	6°52	18°11	2°57	13° 4	11°R50	22° 0	20°49	0°53	21°11	S 7
S 8	15 26 38	22°45'40	26°55	9°18	10°56	26°19	6°54	18° 9	2°56	13° 6	11°50	22°D 0	20°46	1° 0	21°14	S 8
M 9	15 30 34	23°43'09	9♓47	9°R19	10°33	27° 3	6°56	18° 8	2°55	13° 8	11°49	22° 1	20°43	1° 7	21°17	M 9
T 10	15 34 31	24°40'38	22°20	9°15	10° 8	27°47	6°58	18° 6	2°53	13° 9	11°49	22°R 1	20°40	1°13	21°20	T 10
W11	15 38 27	25°38'05	4♈38	9° 7	9°41	28°31	7° 0	18° 4	2°52	13°11	11°49	22° 0	20°36	1°20	21°24	W11
T 12	15 42 24	26°35'32	16°45	8°55	9°12	29°15	7° 2	18° 3	2°51	13°13	11°49	21°58	20°33	1°27	21°27	T 12
F 13	15 46 20	27°32'58	28°44	8°38	8°41	29°59	7° 3	18° 1	2°50	13°15	11°49	21°52	20°30	1°34	21°30	F 13
S 14	15 50 17	28°30'23	10♉39	8°18	8° 8	0♉43	7° 5	17°59	2°49	13°17	11°49	21°44	20°27	1°40	21°33	S 14
S 15	15 54 13	29°27'47	22°31	7°55	7°35	1°26	7° 6	17°57	2°47	13°18	11°49	21°34	20°24	1°47	21°36	S 15
M16	15 58 10	0♊25'10	4♊22	7°29	7° 0	2°10	7° 6	17°54	2°46	13°20	11°48	21°22	20°21	1°54	21°39	M16
T 17	16 2 6	1°22'32	16°14	7° 0	6°24	2°54	7° 7	17°52	2°46	13°22	11°48	21° 9	20°17	2° 0	21°42	T 17
W18	16 6 3	2°19'54	28° 9	6°29	5°47	3°37	7° 8	17°50	2°45	13°23	11°48	20°56	20°14	2° 7	21°45	W18
T 19	16 10 0	3°17'15	10♋ 7	5°57	5°10	4°21	7° 8	17°47	2°44	13°25	11°48	20°45	20°11	2°14	21°48	T 19
F 20	16 13 56	4°14'34	22°12	5°24	4°32	5° 4	7°R 8	17°45	2°43	13°26	11°47	20°37	20° 8	2°21	21°51	F 20
S 21	16 17 53	5°11'53	4♌25	4°50	3°55	5°48	7° 8	17°42	2°42	13°28	11°47	20°30	20° 5	2°27	21°54	S 21
S 22	16 21 49	6° 9'11	16°51	4°17	3°17	6°31	7° 8	17°40	2°41	13°30	11°47	20°27	20° 1	2°34	21°57	S 22
M23	16 25 46	7° 6'27	29°33	3°44	2°40	7°15	7° 7	17°37	2°41	13°31	11°46	20°25	19°58	2°41	22° 0	M23
T 24	16 29 42	8° 3'43	12♍35	3°12	2° 4	7°58	7° 7	17°34	2°40	13°33	11°46	20°25	19°55	2°47	22° 2	T 24
W25	16 33 39	9° 0'58	26° 1	2°43	1°28	8°41	7° 6	17°31	2°40	13°34	11°45	20°25	19°52	2°54	22° 5	W25
T 26	16 37 36	9°58'12	9♎54	2°16	0°54	9°24	7° 5	17°28	2°39	13°35	11°45	20°24	19°49	3° 1	22° 8	T 26
F 27	16 41 32	10°55'25	24°15	1°51	0°21	10° 7	7° 4	17°25	2°39	13°37	11°44	20°21	19°46	3° 8	22°11	F 27
S 28	16 45 29	11°52'37	9♏ 1	1°30	29♉49	10°50	7° 2	17°22	2°38	13°38	11°44	20°16	19°42	3°14	22°13	S 28
S 29	16 49 25	12°49'49	24° 7	1°13	29°19	11°33	7° 1	17°19	2°38	13°40	11°43	20° 7	19°39	3°21	22°16	S 29
M30	16 53 22	13°47'00	9♐25	0°59	28°51	12°16	6°59	17°15	2°38	13°41	11°43	19°57	19°36	3°28	22°18	M30
T 31	16 57 18	14♊44'11	24♐42	0♊50	28♉25	12♉59	6♒57	17♑12	2♎37	13♈42	11♒42	19♍47	19♍33	3♊34	22♈21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	16n43	12s43	4n 5	23n34	2n 0	26n25	4n 2	7n37	0s43	19s18	0s36	22s12	0n 6	0s35	0n43	3n33	1s42	26s28	9s32	2n57	3n32	15n36	9n35	1n31
M 2	17 0	15 49	4 45	23 31	1 52	26 18	3 55	7 54	0 43	19 17	0 36	22 12	0 6	0 34	0 43	3 33	1 42	26 28	9 33	3 0	3 33	15 37	9 36	1 31
T 3	17 16	17 48	5 4	23 27	1 42	26 9	3 48	8 11	0 42	19 17	0 36	22 13	0 6	0 34	0 43	3 34	1 42	26 28	9 33	3 3	3 34	15 38	9 37	1 31
W 4	17 32	18 31	5 2	23 20	1 32	26 0	3 41	8 28	0 42	19 16	0 36	22 13	0 6	0 33	0 43	3 35	1 42	26 29	9 33	3 6	3 36	15 39	9 38	1 31
T 5	17 48	17 59	4 40	23 12	1 20	25 50	3 33	8 45	0 41	19 16	0 36	22 13	0 6	0 32	0 43	3 35	1 42	26 29	9 34	3 9	3 37	15 40	9 40	1 31
F 6	18 3	16 20	4 2	23 3	1 8	25 39	3 24	9 2	0 41	19 15	0 37	22 13	0 6	0 32	0 43	3 36	1 42	26 29	9 34	3 10	3 38	15 41	9 41	1 30
S 7	18 18	13 46	3 10	22 51	0 55	25 28	3 15	9 19	0 40	19 15	0 37	22 14	0 6	0 31	0 43	3 37	1 42	26 30	9 34	3 11	3 39	15 42	9 42	1 30
S 8	18 33	10 34	2 10	22 38	0 41	25 15	3 5	9 35	0 40	19 14	0 37	22 14	0 6	0 31	0 43	3 37	1 42	26 30	9 34	3 11	3 41	15 43	9 43	1 30
M 9	18 48	6 56	1 5	22 24	0 27	25 2	2 55	9 52	0 39	19 14	0 37	22 14	0 5	0 30	0 43	3 38	1 42	26 30	9 35	3 11	3 42	15 44	9 44	1 30
T 10	19 2	3 5	0s 2	22 8	0 11	24 47	2 44	10 8	0 39	19 14	0 38	22 14	0 5	0 30	0 43	3 39	1 43	26 31	9 35	3 11	3 43	15 45	9 46	1 30
W11	19 16	0n50	1 7	21 51	0s 4	24 32	2 33	10 24	0 38	19 14	0 38	22 15	0 5	0 29	0 43	3 40	1 43	26 31	9 35	3 11	3 44	15 46	9 47	1 30
T 12	19 29	4 39	2 8	21 33	0 21	24 16	2 21	10 41	0 37	19 13	0 38	22 15	0 5	0 29	0 43	3 40	1 43	26 31	9 36	3 12	3 46	15 47	9 48	1 30
F 13	19 43	8 14	3 2	21 14	0 38	23 59	2 9	10 57	0 37	19 13	0 38	22 15	0 5	0 29	0 43	3 41	1 43	26 32	9 36	3 14	3 47	15 48	9 49	1 30
S 14	19 56	11 28	3 48	20 54	0 55	23 42	1 57	11 13	0 36	19 13	0 39	22 16	0 5	0 28	0 43	3 41	1 43	26 32	9 36	3 18	3 48	15 50	9 50	1 30
S 15	20 8	14 14	4 24	20 33	1 12	23 24	1 44	11 29	0 36	19 13	0 39	22 16	0 5	0 28	0 43	3 42	1 43	26 32	9 37	3 22	3 49	15 51	9 51	1 30
M16	20 20	16 24	4 48	20 12	1 29	23 5	1 31	11 44	0 35	19 13	0 39	22 16	0 5	0 27	0 43	3 43	1 43	26 33	9 37	3 27	3 51	15 52	9 53	1 30
T 17	20 32	17 52	5 0	19 50	1 46	22 45	1 17	12 0	0 35	19 13	0 39	22 17	0 5	0 27	0 43	3 43	1 43	26 33	9 37	3 32	3 52	15 53	9 54	1 30
W18	20 44	18 34	4 59	19 29	2 3	22 25	1 4	12 15	0 34	19 13	0 40	22 17	0 5	0 27	0 43	3 44	1 43	26 33	9 38	3 37	3 53	15 54	9 55	1 30
T 19	20 55	18 26	4 45	19 7	2 20	22 5	0 50	12 31	0 33	19 13	0 40	22 18	0 5	0 26	0 43	3 44	1 43	26 34	9 38	3 41	3 54	15 55	9 56	1 30
F 20	21 6	17 29	4 17	18 46	2 35	21 44	0 36	12 46	0 33	19 14	0 40	22 18	0 5	0 26	0 43	3 45	1 43	26 34	9 38	3 44	3 56	15 56	9 57	1 30
S 21	21 16	15 43	3 38	18 25	2 50	21 23	0 22	13 1	0 32	19 14	0 40	22 18	0 4	0 26	0 43	3 46	1 43	26 34	9 38	3 47	3 57	15 57	9 58	1 30
S 22	21 27	13 12	2 48	18 5	3 4	21 2	0 7	13 16	0 32	19 14	0 41	22 19	0 4	0 26	0 42	3 46	1 43	26 35	9 39	3 48	3 58	15 58	9 59	1 30
M23	21 36	10 0	1 48	17 46	3 18	20 41	0s 7	13 31	0 31	19 15	0 41	22 19	0 4	0 25	0 42	3 47	1 43	26 35	9 39	3 49	3 59	15 59	10 0	1 30
T 24	21 46	6 14	0 41	17 29	3 30	20 21	0 21	13 45	0 30	19 15	0 41	22 20	0 4	0 25	0 42	3 47	1 43	26 36	9 39	3 49	4 1	16 0	10 1	1 30
W25	21 55	2 2	0n30	17 12	3 40	20 0	0 34	14 0	0 30	19 15	0 41	22 20	0 4	0 25	0 42	3 48	1 43	26 36	9 40	3 49	4 2	16 1	10 2	1 30
T 26	22 3	2s24	1 41	16 58	3 50	19 39	0 48	14 14	0 29	19 16	0 42	22 21	0 4	0 25	0 42	3 48	1 43	26 36	9 40	3 49	4 3	16 2	10 3	1 30
F 27	22 12	6 50	2 49	16 45	3 58	19 19	1 1	14 28	0 29	19 16	0 42	22 21	0 4	0 25	0 42	3 49	1 43	26 37	9 40	3 50	4 4	16 3	10 4	1 30
S 28	22 20	10 59	3 47	16 34	4 5	19 0	1 15	14 43	0 28	19 17	0 42	22 22	0 4	0 25	0 42	3 49	1 43	26 37	9 40	3 53	4 6	16 4	10 5	1 30
S 29	22 27	14 31	4 31	16 25	4 10	18 41	1 27	14 57	0 27	19 18	0 42	22 22	0 4	0 24	0 42	3 50	1 43	26 38	9 41	3 56	4 7	16 5	10 6	1 30
M30	22 34	17 6	4 56	16 19	4 14	18 23	1 40	15 10	0 27	19 18	0 43	22 23	0 4	0 24	0 42	3 50	1 43	26 38	9 41	4 0	4 8	16 6	10 7	1 30
T 31	22n41	18s28	4n59	16n14	4s17	18n 5	1s52	15n24	0s26	19s19	0s43	22s23	0n 4	0s24	0n42	3n51	1s44	26s38	9s41	4n 4	4n 9	16n 7	10n 8	1n30

Julian Day Number = 2103960.5, Delta T = 20m48s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'29, Lahiri = 10°35'30 Julian Calendar 1 May 1048 == Greg. Calendar 7 May 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

JUNE 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	17 1 15	15♊41'21	9♉49	0°R45	28°R 1	13♉42	6°R55	17°R 9	2°R37	13♈44	11°R42	19°R37	19♍30	3♊41	22♈24	W 1
T 2	17 5 11	16°38'31	24°35	0°D44	27♉39	14°24	6♒52	17♉ 5	2♎37	13°45	11♒41	19♍28	19°27	3°48	22°26	T 2
F 3	17 9 8	17°35'41	8♒54	0♊48	27°19	15° 7	6°50	17° 2	2°37	13°46	11°40	19°22	19°23	3°55	22°28	F 3
S 4	17 13 5	18°32'51	22°43	0°57	27° 2	15°50	6°47	16°58	2°D37	13°47	11°40	19°19	19°20	4° 1	22°31	S 4
S 5	17 17 1	19°30'01	6♓ 4	1°10	26°47	16°32	6°44	16°55	2°37	13°48	11°39	19°17	19°17	4° 8	22°33	S 5
M 6	17 20 58	20°27'11	18°58	1°28	26°34	17°15	6°41	16°51	2°37	13°50	11°38	19°17	19°14	4°15	22°36	M 6
T 7	17 24 54	21°24'21	1♈30	1°52	26°24	17°57	6°38	16°47	2°37	13°51	11°38	19°17	19°11	4°22	22°38	T 7
W 8	17 28 51	22°21'31	13°45	2°19	26°16	18°40	6°35	16°43	2°37	13°52	11°37	19°16	19° 7	4°28	22°40	W 8
T 9	17 32 47	23°18'41	25°47	2°52	26°11	19°22	6°31	16°40	2°37	13°53	11°36	19°12	19° 4	4°35	22°42	T 9
F 10	17 36 44	24°15'51	7♉43	3°29	26° 8	20° 4	6°27	16°36	2°38	13°54	11°35	19° 7	19° 1	4°42	22°44	F 10
S 11	17 40 40	25°13'02	19°34	4°11	26°D 7	20°46	6°23	16°32	2°38	13°55	11°34	18°58	18°58	4°48	22°46	S 11
S 12	17 44 37	26°10'12	1♊25	4°57	26° 9	21°28	6°19	16°28	2°38	13°56	11°34	18°47	18°55	4°55	22°49	S 12
M13	17 48 34	27° 7'23	13°17	5°48	26°13	22°10	6°15	16°24	2°39	13°57	11°33	18°34	18°52	5° 2	22°51	M13
T 14	17 52 30	28° 4'34	25°12	6°44	26°19	22°52	6°10	16°20	2°39	13°58	11°32	18°20	18°48	5° 9	22°53	T 14
W15	17 56 27	29° 1'44	7♋13	7°43	26°27	23°34	6° 6	16°16	2°40	13°59	11°31	18° 7	18°45	5°15	22°54	W15
T 16	18 0 23	29°58'55	19°19	8°47	26°38	24°16	6° 1	16°11	2°40	14° 0	11°30	17°55	18°42	5°22	22°56	T 16
F 17	18 4 20	0♋56'06	1♌33	9°56	26°50	24°58	5°56	16° 7	2°41	14° 0	11°29	17°46	18°39	5°29	22°58	F 17
S 18	18 8 16	1°53'17	13°55	11° 8	27° 5	25°40	5°51	16° 3	2°42	14° 1	11°28	17°39	18°36	5°35	23° 0	S 18
S 19	18 12 13	2°50'28	26°29	12°25	27°21	26°21	5°46	15°59	2°43	14° 2	11°27	17°35	18°33	5°42	23° 2	S 19
M20	18 16 9	3°47'39	9♍16	13°46	27°40	27° 3	5°40	15°55	2°43	14° 3	11°26	17°33	18°29	5°49	23° 3	M20
T 21	18 20 6	4°44'50	22°20	15°11	28° 0	27°45	5°35	15°50	2°44	14° 3	11°25	17°D33	18°26	5°56	23° 5	T 21
W22	18 24 3	5°42'00	5♎44	16°40	28°22	28°26	5°29	15°46	2°45	14° 4	11°24	17°R33	18°23	6° 2	23° 7	W22
T 23	18 27 59	6°39'11	19°29	18°12	28°45	29° 7	5°23	15°42	2°46	14° 5	11°23	17°33	18°20	6° 9	23° 8	T 23
F 24	18 31 56	7°36'22	3♏39	19°49	29°10	29°49	5°17	15°37	2°47	14° 5	11°22	17°30	18°17	6°16	23°10	F 24
S 25	18 35 52	8°33'33	18°10	21°29	29°37	0♊30	5°11	15°33	2°48	14° 6	11°21	17°26	18°13	6°22	23°11	S 25
S 26	18 39 49	9°30'44	3♐ 1	23°13	0♊ 5	1°11	5° 5	15°28	2°49	14° 6	11°20	17°19	18°10	6°29	23°12	S 26
M27	18 43 45	10°27'56	18° 5	25° 0	0°35	1°52	4°58	15°24	2°50	14° 7	11°19	17°10	18° 7	6°36	23°14	M27
T 28	18 47 42	11°25'08	3♑11	26°50	1° 6	2°33	4°52	15°20	2°52	14° 7	11°18	17° 1	18° 4	6°43	23°15	T 28
W29	18 51 38	12°22'20	18°10	28°43	1°39	3°14	4°45	15°15	2°53	14° 8	11°17	16°52	18° 1	6°49	23°16	W29
T 30	18 55 35	13♋19'33	2♒54	0♋39	2♊13	3♊55	4♒39	15♑11	2♎54	14♈ 8	11♒16	16♍44	17♍58	6♊56	23♈18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n47	18s30	4n42	16n11	4s19	17n49	2s 3	15n38	0s25	19s20	0s43	22s24	0n 4	0s24	0n42	3n51	1s44	26s39	9s42	4n 8	4n11	16n 8	10n 9	1n30
T 2	22 53	17 16	4 7	16 11	4 19	17 33	2 14	15 51	0 25	19 21	0 43	22 24	0 3	0 24	0 42	3 52	1 44	26 39	9 42	4 11	4 12	16 9	10 10	1 30
F 3	22 59	14 58	3 16	16 13	4 18	17 18	2 25	16 4	0 24	19 22	0 44	22 25	0 3	0 24	0 42	3 52	1 44	26 40	9 42	4 14	4 13	16 10	10 11	1 30
S 4	23 4	11 53	2 15	16 17	4 16	17 4	2 35	16 17	0 23	19 23	0 44	22 25	0 3	0 24	0 42	3 52	1 44	26 40	9 42	4 15	4 14	16 11	10 12	1 30
S 5	23 9	8 16	1 9	16 23	4 12	16 51	2 45	16 30	0 23	19 24	0 44	22 26	0 3	0 24	0 42	3 53	1 44	26 41	9 43	4 16	4 16	16 12	10 13	1 30
M 6	23 13	4 22	0 2	16 31	4 8	16 40	2 54	16 43	0 22	19 25	0 44	22 26	0 3	0 24	0 42	3 53	1 44	26 41	9 43	4 16	4 17	16 13	10 14	1 30
T 7	23 17	0 23	1s 4	16 40	4 3	16 29	3 3	16 55	0 21	19 26	0 45	22 27	0 3	0 24	0 42	3 54	1 44	26 42	9 43	4 16	4 18	16 14	10 14	1 30
W 8	23 20	3n31	2 6	16 52	3 56	16 19	3 11	17 8	0 21	19 27	0 45	22 27	0 3	0 25	0 42	3 54	1 44	26 42	9 43	4 16	4 20	16 15	10 15	1 30
T 9	23 23	7 13	3 0	17 5	3 49	16 10	3 19	17 20	0 20	19 28	0 45	22 28	0 3	0 25	0 42	3 54	1 44	26 43	9 44	4 18	4 21	16 16	10 16	1 30
F 10	23 26	10 35	3 46	17 20	3 41	16 2	3 26	17 32	0 19	19 29	0 45	22 29	0 3	0 25	0 42	3 55	1 44	26 43	9 44	4 20	4 22	16 17	10 17	1 30
S 11	23 28	13 30	4 22	17 36	3 33	15 55	3 33	17 44	0 19	19 30	0 46	22 29	0 3	0 25	0 42	3 55	1 44	26 44	9 44	4 23	4 23	16 18	10 18	1 30
S 12	23 30	15 52	4 47	17 54	3 24	15 50	3 40	17 56	0 18	19 32	0 46	22 30	0 3	0 25	0 42	3 55	1 44	26 44	9 44	4 28	4 25	16 19	10 19	1 30
M13	23 32	17 34	4 59	18 12	3 14	15 45	3 46	18 7	0 17	19 33	0 46	22 30	0 3	0 25	0 42	3 56	1 44	26 44	9 45	4 33	4 26	16 20	10 19	1 30
T 14	23 33	18 31	4 58	18 32	3 3	15 41	3 51	18 19	0 17	19 34	0 46	22 31	0 2	0 26	0 42	3 56	1 44	26 45	9 45	4 38	4 27	16 21	10 20	1 30
W15	23 33	18 38	4 44	18 53	2 52	15 38	3 56	18 30	0 16	19 36	0 46	22 32	0 2	0 26	0 41	3 56	1 44	26 45	9 45	4 43	4 28	16 22	10 21	1 30
T 16	23 34	17 55	4 17	19 14	2 41	15 36	4 1	18 41	0 15	19 37	0 47	22 32	0 2	0 26	0 41	3 57	1 44	26 46	9 45	4 48	4 29	16 23	10 21	1 30
F 17	23 33	16 22	3 38	19 36	2 29	15 34	4 5	18 52	0 15	19 38	0 47	22 33	0 2	0 26	0 41	3 57	1 44	26 46	9 46	4 52	4 31	16 24	10 22	1 30
S 18	23 33	14 3	2 48	19 58	2 17	15 34	4 9	19 3	0 14	19 40	0 47	22 33	0 2	0 27	0 41	3 57	1 45	26 47	9 46	4 54	4 32	16 24	10 23	1 30
S 19	23 32	11 2	1 49	20 21	2 4	15 34	4 12	19 13	0 13	19 42	0 47	22 34	0 2	0 27	0 41	3 57	1 45	26 47	9 46	4 56	4 33	16 25	10 24	1 30
M20	23 30	7 27	0 44	20 43	1 52	15 35	4 16	19 24	0 13	19 43	0 48	22 34	0 2	0 27	0 41	3 58	1 45	26 48	9 46	4 56	4 34	16 26	10 24	1 30
T 21	23 28	3 27	0n25	21 6	1 39	15 37	4 18	19 34	0 12	19 45	0 48	22 35	0 2	0 28	0 41	3 58	1 45	26 48	9 46	4 57	4 36	16 27	10 25	1 30
W22	23 26	0s50	1 35	21 28	1 26	15 39	4 21	19 44	0 11	19 46	0 48	22 36	0 2	0 28	0 41	3 58	1 45	26 49	9 47	4 56	4 37	16 28	10 25	1 30
T 23	23 24	5 11	2 41	21 50	1 13	15 42	4 23	19 54	0 10	19 48	0 48	22 36	0 2	0 29	0 41	3 58	1 45	26 49	9 47	4 57	4 38	16 29	10 26	1 30
F 24	23 20	9 22	3 39	22 10	1 0	15 46	4 25	20 3	0 10	19 50	0 48	22 37	0 2	0 29	0 41	3 58	1 45	26 50	9 47	4 58	4 39	16 30	10 27	1 30
S 25	23 17	13 5	4 25	22 30	0 47	15 50	4 26	20 13	0 9	19 51	0 49	22 37	0 1	0 30	0 41	3 58	1 45	26 50	9 47	4 59	4 41	16 31	10 27	1 30
S 26	23 13	16 4	4 54	22 49	0 34	15 55	4 27	20 22	0 8	19 53	0 49	22 38	0 1	0 30	0 41	3 59	1 45	26 51	9 47	5 2	4 42	16 32	10 28	1 30
M27	23 9	18 0	5 3	23 6	0 21	16 0	4 28	20 31	0 8	19 55	0 49	22 39	0 1	0 31	0 41	3 59	1 45	26 51	9 48	5 6	4 43	16 33	10 28	1 30
T 28	23 4	18 40	4 51	23 22	0 9	16 6	4 29	20 40	0 7	19 57	0 49	22 39	0 1	0 31	0 41	3 59	1 45	26 52	9 48	5 9	4 44	16 34	10 29	1 30
W29	22 59	18 2	4 19	23 36	0n 3	16 12	4 29	20 49	0 6	19 58	0 50	22 40	0 1	0 32	0 41	3 59	1 45	26 52	9 48	5 13	4 46	16 35	10 29	1 30
T 30	22n53	16s12	3n31	23n48	0n14	16n18	4s29	20n57	0s 5	20s 0	0s50	22s40	0n 1	0s32	0n41	3n59	1s45	26s53	9s48	5n16	4n47	16n36	10n30	1n30

Julian Day Number = 2103991.5, Delta T = 20m48s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'33, Lahiri = 10°35'34 Julian Calendar 1 June 1048 == Greg. Calendar 7 June 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

JULY 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 59 32	14♋16'47	17♒13	2♋37	2♊48	4♊36	4°R32	15°R 6	2♎56	14♈ 9	11°R15	16°R38	17♍54	7♊ 3	23♈19	F 1
S 2	19 3 28	15°14'01	1♓ 6	4°37	3°25	5°17	4♒25	15♉ 2	2°57	14° 9	11♒13	16♍35	17°51	7°10	23°20	S 2
S 3	19 7 25	16°11'16	14°30	6°40	4° 2	5°58	4°18	14°57	2°58	14° 9	11°12	16°D34	17°48	7°16	23°21	S 3
M 4	19 11 21	17° 8'32	27°28	8°43	4°41	6°39	4°11	14°53	3° 0	14° 9	11°11	16°35	17°45	7°23	23°22	M 4
T 5	19 15 18	18° 5'49	10♈ 4	10°48	5°21	7°19	4° 4	14°49	3° 1	14°10	11°10	16°35	17°42	7°30	23°23	T 5
W 6	19 19 14	19° 3'07	22°20	12°54	6° 2	8° 0	3°57	14°44	3° 3	14°10	11° 9	16°R36	17°39	7°36	23°24	W 6
T 7	19 23 11	20° 0'26	4♉24	15° 0	6°44	8°40	3°49	14°40	3° 5	14°10	11° 7	16°34	17°35	7°43	23°25	T 7
F 8	19 27 7	20°57'46	16°19	17° 7	7°27	9°21	3°42	14°35	3° 6	14°10	11° 6	16°31	17°32	7°50	23°25	F 8
S 9	19 31 4	21°55'07	28°11	19°13	8°10	10° 1	3°34	14°31	3° 8	14°10	11° 5	16°26	17°29	7°57	23°26	S 9
S 10	19 35 1	22°52'29	10♊ 3	21°19	8°55	10°41	3°27	14°27	3°10	14°10	11° 4	16°18	17°26	8° 3	23°27	S 10
M11	19 38 57	23°49'53	21°58	23°25	9°41	11°22	3°19	14°22	3°12	14°10	11° 3	16° 9	17°23	8°10	23°27	M11
T 12	19 42 54	24°47'17	3♋59	25°30	10°27	12° 2	3°12	14°18	3°14	14°R10	11° 1	16° 0	17°19	8°17	23°28	T 12
W13	19 46 50	25°44'43	16° 7	27°34	11°15	12°42	3° 4	14°14	3°16	14°10	11° 0	15°51	17°16	8°23	23°28	W13
T 14	19 50 47	26°42'09	28°25	29°37	12° 3	13°22	2°56	14° 9	3°18	14°10	10°59	15°42	17°13	8°30	23°29	T 14
F 15	19 54 43	27°39'37	10♌53	1♌39	12°52	14° 2	2°48	14° 5	3°20	14°10	10°57	15°36	17°10	8°37	23°29	F 15
S 16	19 58 40	28°37'05	23°31	3°39	13°41	14°42	2°41	14° 1	3°22	14°10	10°56	15°31	17° 7	8°44	23°30	S 16
S 17	20 2 36	29°34'34	6♍20	5°38	14°31	15°21	2°33	13°57	3°24	14°10	10°55	15°29	17° 4	8°50	23°30	S 17
M18	20 6 33	0♌32'04	19°22	7°36	15°22	16° 1	2°25	13°52	3°26	14°10	10°54	15°D29	17° 0	8°57	23°30	M18
T 19	20 10 30	1°29'36	2♎37	9°33	16°14	16°41	2°17	13°48	3°28	14°10	10°52	15°30	16°57	9° 4	23°30	T 19
W20	20 14 26	2°27'08	16° 7	11°28	17° 6	17°20	2° 9	13°44	3°30	14° 9	10°51	15°31	16°54	9°11	23°30	W20
T 21	20 18 23	3°24'40	29°53	13°21	17°59	18° 0	2° 2	13°40	3°33	14° 9	10°50	15°R32	16°51	9°17	23°31	T 21
F 22	20 22 19	4°22'14	13♏56	15°13	18°52	18°39	1°54	13°36	3°35	14° 9	10°48	15°31	16°48	9°24	23°R31	F 22
S 23	20 26 16	5°19'49	28°14	17° 3	19°46	19°19	1°46	13°32	3°37	14° 8	10°47	15°29	16°45	9°31	23°31	S 23
S 24	20 30 12	6°17'25	12♐46	18°52	20°40	19°58	1°38	13°28	3°40	14° 8	10°46	15°26	16°41	9°37	23°30	S 24
M25	20 34 9	7°15'02	27°26	20°40	21°35	20°37	1°30	13°24	3°42	14° 8	10°44	15°21	16°38	9°44	23°30	M25
T 26	20 38 5	8°12'40	12♑ 9	22°26	22°31	21°16	1°23	13°21	3°45	14° 7	10°43	15°16	16°35	9°51	23°30	T 26
W27	20 42 2	9°10'19	26°48	24°10	23°27	21°55	1°15	13°17	3°47	14° 7	10°42	15°10	16°32	9°58	23°30	W27
T 28	20 45 59	10° 7'59	11♒14	25°54	24°23	22°34	1° 7	13°13	3°50	14° 6	10°40	15° 6	16°29	10° 4	23°30	T 28
F 29	20 49 55	11° 5'41	25°22	27°35	25°20	23°13	1° 0	13° 9	3°52	14° 6	10°39	15° 3	16°25	10°11	23°29	F 29
S 30	20 53 52	12° 3'24	9♓ 9	29°15	26°18	23°52	0°52	13° 6	3°55	14° 5	10°38	15°D 2	16°22	10°18	23°29	S 30
S 31	20 57 48	13♌ 1'09	22♓31	0♍54	27♊16	24♊31	0♒45	13♉ 2	3♎58	14♈ 5	10♒36	15♍ 2	16♍19	10♊24	23♈28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n47	13s22	2n30	23n57	0n25	16n25	4s29	21n 5	0s 5	20s 2	0s50	22s41	0n 1	0s33	0n41	3n59	1s45	26s53	9s48	5n18	4n48	16n37	10n30	1n30
S 2	22 41	9 52	1 22	24 5	0 36	16 32	4 29	21 13	0 4	20 4	0 50	22 42	0 1	0 33	0 41	3 59	1 45	26 54	9 49	5 19	4 49	16 38	10 30	1 31
S 3	22 34	5 58	0 11	24 9	0 46	16 40	4 29	21 21	0 3	20 6	0 50	22 42	0 1	0 34	0 41	3 59	1 45	26 54	9 49	5 20	4 51	16 39	10 31	1 31
M 4	22 27	1 54	0s58	24 11	0 55	16 47	4 28	21 29	0 3	20 8	0 51	22 43	0 1	0 35	0 41	3 59	1 46	26 55	9 49	5 19	4 52	16 39	10 31	1 31
T 5	22 20	2n 8	2 2	24 10	1 3	16 55	4 27	21 37	0 2	20 9	0 51	22 43	0 1	0 35	0 41	3 59	1 46	26 55	9 49	5 19	4 53	16 40	10 32	1 31
W 6	22 12	5 58	2 59	24 7	1 11	17 4	4 26	21 44	0 1	20 11	0 51	22 44	0 0	0 36	0 41	3 59	1 46	26 56	9 49	5 19	4 54	16 41	10 32	1 31
T 7	22 4	9 29	3 47	24 0	1 18	17 12	4 24	21 51	0 0	20 13	0 51	22 45	0 0	0 37	0 41	3 59	1 46	26 56	9 49	5 20	4 56	16 42	10 32	1 31
F 8	21 55	12 35	4 25	23 51	1 25	17 20	4 23	21 58	0n 0	20 15	0 51	22 45	0 0	0 37	0 41	3 59	1 46	26 57	9 50	5 21	4 57	16 43	10 33	1 31
S 9	21 46	15 8	4 51	23 40	1 30	17 29	4 21	22 5	0 1	20 17	0 51	22 46	0 0	0 38	0 40	3 59	1 46	26 57	9 50	5 23	4 58	16 44	10 33	1 31
S 10	21 37	17 3	5 4	23 25	1 35	17 37	4 19	22 12	0 2	20 19	0 52	22 46	0 0	0 39	0 40	3 59	1 46	26 58	9 50	5 26	4 59	16 45	10 33	1 31
M11	21 27	18 15	5 4	23 8	1 39	17 46	4 17	22 18	0 3	20 21	0 52	22 47	0 0	0 40	0 40	3 59	1 46	26 58	9 50	5 29	5 1	16 46	10 33	1 31
T 12	21 17	18 39	4 51	22 49	1 42	17 55	4 15	22 24	0 4	20 23	0 52	22 47	0s 0	0 40	0 40	3 59	1 46	26 59	9 50	5 33	5 2	16 47	10 34	1 31
W13	21 6	18 12	4 25	22 27	1 44	18 4	4 13	22 30	0 4	20 25	0 52	22 48	0 0	0 41	0 40	3 59	1 46	26 59	9 50	5 37	5 3	16 48	10 34	1 31
T 14	20 55	16 54	3 46	22 4	1 46	18 12	4 11	22 36	0 5	20 27	0 52	22 48	0 0	0 42	0 40	3 59	1 46	27 0	9 50	5 40	5 4	16 49	10 34	1 31
F 15	20 44	14 47	2 55	21 38	1 47	18 21	4 8	22 42	0 6	20 29	0 52	22 49	0 0	0 43	0 40	3 59	1 46	27 0	9 50	5 42	5 6	16 49	10 34	1 31
S 16	20 32	11 56	1 56	21 10	1 47	18 30	4 5	22 47	0 7	20 31	0 53	22 50	0 0	0 44	0 40	3 59	1 46	27 1	9 51	5 44	5 7	16 50	10 34	1 31
S 17	20 21	8 28	0 49	20 41	1 47	18 38	4 3	22 52	0 7	20 33	0 53	22 50	0 0	0 45	0 40	3 59	1 46	27 1	9 51	5 45	5 8	16 51	10 35	1 31
M18	20 8	4 33	0n21	20 10	1 46	18 47	4 0	22 57	0 8	20 35	0 53	22 51	0 1	0 45	0 40	3 59	1 46	27 2	9 51	5 45	5 9	16 52	10 35	1 31
T 19	19 56	0 21	1 31	19 38	1 44	18 55	3 57	23 2	0 9	20 37	0 53	22 51	0 1	0 46	0 40	3 59	1 47	27 2	9 51	5 45	5 11	16 53	10 35	1 31
W20	19 43	3s56	2 38	19 4	1 42	19 3	3 54	23 7	0 10	20 38	0 53	22 52	0 1	0 47	0 40	3 58	1 47	27 3	9 51	5 44	5 12	16 54	10 35	1 31
T 21	19 29	8 6	3 37	18 29	1 40	19 11	3 50	23 11	0 10	20 40	0 53	22 52	0 1	0 48	0 40	3 58	1 47	27 3	9 51	5 44	5 13	16 55	10 35	1 31
F 22	19 16	11 53	4 24	17 53	1 36	19 19	3 47	23 16	0 11	20 42	0 53	22 53	0 1	0 49	0 40	3 58	1 47	27 4	9 51	5 44	5 14	16 56	10 35	1 31
S 23	19 2	15 3	4 56	17 16	1 33	19 27	3 44	23 20	0 12	20 44	0 53	22 53	0 1	0 50	0 40	3 58	1 47	27 4	9 51	5 45	5 16	16 56	10 35	1 31
S 24	18 48	17 19	5 10	16 39	1 29	19 34	3 40	23 24	0 13	20 46	0 54	22 54	0 1	0 51	0 40	3 58	1 47	27 5	9 51	5 46	5 17	16 57	10 35	1 31
M25	18 33	18 29	5 3	16 0	1 24	19 42	3 36	23 27	0 14	20 48	0 54	22 54	0 1	0 52	0 40	3 57	1 47	27 5	9 51	5 48	5 18	16 58	10 35	1 31
T 26	18 18	18 24	4 37	15 21	1 19	19 48	3 33	23 31	0 14	20 50	0 54	22 55	0 1	0 53	0 40	3 57	1 47	27 6	9 52	5 50	5 19	16 59	10 35	1 31
W27	18 3	17 6	3 53	14 42	1 14	19 55	3 29	23 34	0 15	20 51	0 54	22 55	0 1	0 54	0 40	3 57	1 47	27 6	9 52	5 52	5 21	17 0	10 35	1 31
T 28	17 48	14 43	2 54	14 1	1 8	20 2	3 25	23 37	0 16	20 53	0 54	22 55	0 1	0 55	0 40	3 57	1 47	27 6	9 52	5 54	5 22	17 1	10 35	1 31
F 29	17 32	11 29	1 45	13 21	1 3	20 8	3 21	23 40	0 17	20 55	0 54	22 56	0 2	0 56	0 40	3 57	1 47	27 7	9 52	5 55	5 23	17 2	10 34	1 31
S 30	17 16	7 41	0 32	12 40	0 56	20 13	3 17	23 43	0 18	20 57	0 54	22 56	0 2	0 57	0 40	3 56	1 47	27 7	9 52	5 56	5 24	17 2	10 34	1 31
S 31	17n 0	3s37	0s41	11n59	0n50	20n19	3s13	23n45	0n19	20s59	0s54	22s57	0s 2	0s59	0n40	3n56	1s47	27s 8	9s52	5n56	5n25	17n 3	10n34	1n31

Julian Day Number = 2104021.5, Delta T = 20m48s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'38, Lahiri = 10°35'38 Julian Calendar 1 July 1048 == Greg. Calendar 7 July 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

AUGUST 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	21 1 45	13♌58'55	5♈30	2♍32	28♊14	25♊10	0°R37	12°R59	4♎ 0	14°R 4	10°R35	15♍ 3	16♍16	10♊31	23°R28	M 1
T 2	21 5 41	14°56'43	18° 8	4° 8	29°13	25°48	0♒30	12♑55	4° 3	14♈ 3	10♒34	15° 4	16°13	10°38	23♈27	T 2
W 3	21 9 38	15°54'33	0♉27	5°42	0♋12	26°27	0°23	12°52	4° 6	14° 3	10°33	15° 6	16°10	10°45	23°27	W 3
T 4	21 13 34	16°52'24	12°33	7°15	1°11	27° 6	0°15	12°49	4° 9	14° 2	10°31	15°R 7	16° 6	10°51	23°26	T 4
F 5	21 17 31	17°50'18	24°31	8°47	2°11	27°44	0° 8	12°45	4°12	14° 1	10°30	15° 7	16° 3	10°58	23°25	F 5
S 6	21 21 28	18°48'13	6♊24	10°18	3°12	28°22	0° 1	12°42	4°15	14° 0	10°29	15° 5	16° 0	11° 5	23°24	S 6
S 7	21 25 24	19°46'10	18°17	11°47	4°12	29° 1	29♑54	12°39	4°17	14° 0	10°27	15° 3	15°57	11°12	23°24	S 7
M 8	21 29 21	20°44'09	0♋15	13°14	5°13	29°39	29°47	12°36	4°20	13°59	10°26	15° 0	15°54	11°18	23°23	M 8
T 9	21 33 17	21°42'10	12°20	14°41	6°15	0♋17	29°41	12°33	4°23	13°58	10°25	14°56	15°50	11°25	23°22	T 9
W10	21 37 14	22°40'13	24°37	16° 6	7°16	0°55	29°34	12°30	4°26	13°57	10°23	14°52	15°47	11°32	23°21	W10
T 11	21 41 10	23°38'18	7♌ 6	17°29	8°18	1°33	29°27	12°28	4°29	13°56	10°22	14°49	15°44	11°38	23°20	T 11
F 12	21 45 7	24°36'24	19°49	18°51	9°21	2°11	29°21	12°25	4°33	13°55	10°21	14°47	15°41	11°45	23°18	F 12
S 13	21 49 3	25°34'32	2♍47	20°11	10°23	2°49	29°15	12°22	4°36	13°54	10°20	14°45	15°38	11°52	23°17	S 13
S 14	21 53 0	26°32'42	15°58	21°30	11°26	3°26	29° 9	12°20	4°39	13°53	10°18	14°D45	15°35	11°59	23°16	S 14
M15	21 56 57	27°30'53	29°22	22°47	12°29	4° 4	29° 3	12°17	4°42	13°52	10°17	14°45	15°31	12° 5	23°15	M15
T 16	22 0 53	28°29'06	12♎59	24° 2	13°33	4°41	28°57	12°15	4°45	13°51	10°16	14°46	15°28	12°12	23°14	T 16
W17	22 4 50	29°27'21	26°47	25°16	14°37	5°19	28°51	12°12	4°48	13°50	10°15	14°48	15°25	12°19	23°12	W17
T 18	22 8 46	0♍25'37	10♏44	26°28	15°41	5°56	28°45	12°10	4°52	13°49	10°13	14°49	15°22	12°26	23°11	T 18
F 19	22 12 43	1°23'54	24°50	27°38	16°45	6°34	28°40	12° 8	4°55	13°48	10°12	14°49	15°19	12°32	23° 9	F 19
S 20	22 16 39	2°22'14	9♐ 3	28°46	17°49	7°11	28°35	12° 6	4°58	13°47	10°11	14°R49	15°16	12°39	23° 8	S 20
S 21	22 20 36	3°20'35	23°19	29°52	18°54	7°48	28°29	12° 4	5° 2	13°46	10°10	14°49	15°12	12°46	23° 6	S 21
M22	22 24 32	4°18'57	7♑37	0♎56	19°59	8°25	28°24	12° 2	5° 5	13°44	10° 9	14°48	15° 9	12°52	23° 5	M22
T 23	22 28 29	5°17'21	21°53	1°57	21° 5	9° 2	28°20	12° 0	5° 8	13°43	10° 7	14°46	15° 6	12°59	23° 3	T 23
W24	22 32 26	6°15'47	6♒ 3	2°56	22°10	9°39	28°15	11°59	5°12	13°42	10° 6	14°45	15° 3	13° 6	23° 1	W24
T 25	22 36 22	7°14'14	20° 3	3°52	23°16	10°15	28°10	11°57	5°15	13°41	10° 5	14°45	15° 0	13°13	23° 0	T 25
F 26	22 40 19	8°12'44	3♓50	4°46	24°22	10°52	28° 6	11°56	5°19	13°39	10° 4	14°44	14°56	13°19	22°58	F 26
S 27	22 44 15	9°11'15	17°20	5°36	25°28	11°29	28° 2	11°54	5°22	13°38	10° 3	14°D44	14°53	13°26	22°56	S 27
S 28	22 48 12	10° 9'48	0♈31	6°23	26°34	12° 5	27°58	11°53	5°26	13°37	10° 2	14°44	14°50	13°33	22°54	S 28
M29	22 52 8	11° 8'23	13°24	7° 6	27°41	12°42	27°54	11°52	5°29	13°35	10° 1	14°45	14°47	13°39	22°52	M29
T 30	22 56 5	12° 7'01	26° 0	7°46	28°48	13°18	27°50	11°51	5°33	13°34	9°59	14°45	14°44	13°46	22°50	T 30
W31	23 0 1	13♍ 5'40	8♉20	8♎21	29♋55	13♋54	27♑47	11♑50	5♎36	13♈33	9♒58	14♍45	14♍41	13♊53	22♈48	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n43	0n31	1s50	11n18	0n43	20n24	3s 9	23n48	0n19	21s 0	0s54	22s57	0s 2	1s 0	0n40	3n56	1s47	27s 8	9s52	5n55	5n27	17n 4	10n34	1n31
T 2	16 26	4 30	2 51	10 36	0 36	20 29	3 5	23 50	0 20	21 2	0 54	22 58	0 2	1 1	0 40	3 55	1 47	27 9	9 52	5 55	5 28	17 5	10 34	1 31
W 3	16 9	8 12	3 43	9 55	0 29	20 33	3 1	23 52	0 21	21 4	0 55	22 58	0 2	1 2	0 40	3 55	1 47	27 9	9 52	5 54	5 29	17 6	10 33	1 31
T 4	15 51	11 29	4 25	9 13	0 21	20 37	2 56	23 53	0 22	21 5	0 55	22 58	0 2	1 3	0 40	3 55	1 47	27 9	9 52	5 54	5 30	17 7	10 33	1 31
F 5	15 34	14 15	4 54	8 31	0 13	20 40	2 52	23 55	0 23	21 7	0 55	22 59	0 2	1 4	0 40	3 54	1 48	27 10	9 52	5 54	5 32	17 8	10 33	1 31
S 6	15 16	16 24	5 10	7 50	0 6	20 44	2 48	23 56	0 23	21 8	0 55	22 59	0 2	1 5	0 40	3 54	1 48	27 10	9 52	5 54	5 33	17 8	10 33	1 31
S 7	14 58	17 50	5 13	7 8	0s 2	20 46	2 43	23 58	0 24	21 10	0 55	23 0	0 2	1 7	0 40	3 54	1 48	27 11	9 52	5 55	5 34	17 9	10 32	1 31
M 8	14 39	18 31	5 3	6 27	0 11	20 49	2 39	23 59	0 25	21 11	0 55	23 0	0 2	1 8	0 39	3 53	1 48	27 11	9 52	5 56	5 35	17 10	10 32	1 31
T 9	14 21	18 21	4 39	5 46	0 19	20 50	2 34	24 0	0 26	21 13	0 55	23 0	0 2	1 9	0 39	3 53	1 48	27 11	9 52	5 58	5 37	17 11	10 32	1 31
W10	14 2	17 21	4 2	5 6	0 27	20 52	2 30	24 0	0 27	21 14	0 55	23 1	0 3	1 10	0 39	3 53	1 48	27 12	9 52	5 59	5 38	17 12	10 31	1 31
T 11	13 42	15 29	3 13	4 25	0 36	20 53	2 25	24 1	0 28	21 16	0 55	23 1	0 3	1 11	0 39	3 52	1 48	27 12	9 52	6 1	5 39	17 12	10 31	1 31
F 12	13 23	12 50	2 13	3 45	0 45	20 53	2 21	24 1	0 29	21 17	0 55	23 1	0 3	1 13	0 39	3 52	1 48	27 12	9 52	6 1	5 40	17 13	10 31	1 31
S 13	13 4	9 31	1 6	3 6	0 53	20 53	2 16	24 1	0 29	21 19	0 55	23 2	0 3	1 14	0 39	3 51	1 48	27 13	9 52	6 2	5 42	17 14	10 30	1 31
S 14	12 44	5 40	0n 7	2 26	1 2	20 53	2 12	24 1	0 30	21 20	0 55	23 2	0 3	1 15	0 39	3 51	1 48	27 13	9 52	6 2	5 43	17 15	10 30	1 31
M15	12 24	1 28	1 20	1 48	1 11	20 52	2 7	24 1	0 31	21 21	0 55	23 2	0 3	1 17	0 39	3 50	1 48	27 13	9 52	6 2	5 44	17 16	10 29	1 31
T 16	12 4	2s51	2 30	1 10	1 20	20 50	2 3	24 1	0 32	21 22	0 55	23 3	0 3	1 18	0 39	3 50	1 48	27 14	9 52	6 2	5 45	17 17	10 29	1 31
W17	11 43	7 5	3 32	0 32	1 28	20 48	1 58	24 0	0 33	21 24	0 55	23 3	0 3	1 19	0 39	3 49	1 48	27 14	9 52	6 1	5 47	17 17	10 28	1 31
T 18	11 23	10 58	4 22	0s 5	1 37	20 45	1 53	23 59	0 34	21 25	0 55	23 3	0 3	1 21	0 39	3 49	1 48	27 14	9 52	6 1	5 48	17 18	10 28	1 31
F 19	11 2	14 16	4 57	0 41	1 46	20 42	1 49	23 58	0 35	21 26	0 55	23 3	0 3	1 22	0 39	3 49	1 48	27 15	9 52	6 0	5 49	17 19	10 27	1 31
S 20	10 41	16 44	5 15	1 16	1 55	20 39	1 44	23 57	0 35	21 27	0 55	23 4	0 3	1 23	0 39	3 48	1 48	27 15	9 52	6 0	5 50	17 20	10 27	1 31
S 21	10 20	18 11	5 13	1 50	2 4	20 35	1 39	23 56	0 36	21 28	0 55	23 4	0 3	1 25	0 39	3 48	1 48	27 15	9 52	6 1	5 51	17 21	10 26	1 31
M22	9 59	18 29	4 52	2 23	2 12	20 30	1 35	23 55	0 37	21 29	0 55	23 4	0 4	1 26	0 39	3 47	1 48	27 16	9 52	6 1	5 53	17 21	10 25	1 31
T 23	9 37	17 37	4 13	2 56	2 21	20 25	1 30	23 53	0 38	21 30	0 55	23 5	0 4	1 27	0 39	3 47	1 48	27 16	9 52	6 2	5 54	17 22	10 25	1 31
W24	9 16	15 39	3 18	3 27	2 29	20 19	1 26	23 51	0 39	21 31	0 55	23 5	0 4	1 29	0 39	3 46	1 48	27 16	9 52	6 2	5 55	17 23	10 24	1 31
T 25	8 54	12 46	2 13	3 57	2 37	20 13	1 21	23 49	0 40	21 32	0 55	23 5	0 4	1 30	0 39	3 45	1 48	27 17	9 52	6 2	5 56	17 24	10 24	1 31
F 26	8 32	9 13	1 0	4 26	2 45	20 6	1 16	23 47	0 41	21 33	0 55	23 5	0 4	1 31	0 39	3 45	1 49	27 17	9 52	6 2	5 58	17 25	10 23	1 31
S 27	8 10	5 15	0s14	4 53	2 53	19 59	1 12	23 45	0 42	21 34	0 55	23 5	0 4	1 33	0 39	3 44	1 49	27 17	9 51	6 2	5 59	17 25	10 22	1 31
S 28	7 48	1 7	1 26	5 18	3 1	19 51	1 7	23 43	0 43	21 34	0 55	23 6	0 4	1 34	0 39	3 44	1 49	27 17	9 51	6 2	6 0	17 26	10 21	1 31
M29	7 25	2n59	2 32	5 42	3 8	19 42	1 3	23 40	0 44	21 35	0 55	23 6	0 4	1 36	0 39	3 43	1 49	27 18	9 51	6 2	6 1	17 27	10 21	1 31
T 30	7 3	6 50	3 29	6 4	3 14	19 33	0 58	23 38	0 44	21 36	0 55	23 6	0 4	1 37	0 39	3 43	1 49	27 18	9 51	6 2	6 3	17 28	10 20	1 31
W31	6n40	10n19	4s15	6s24	3s21	19n24	0s54	23n35	0n45	21s37	0s55	23s 6	0s 4	1s38	0n39	3n42	1s49	27s18	9s51	6n 2	6n 4	17n28	10n19	1n31

Julian Day Number = 2104052.5, Delta T = 20m47s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'42, Lahiri = 10°35'42 Julian Calendar 1 Aug. 1048 == Greg. Calendar 7 Aug. 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

SEPTEMBER 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	23 3 58	14♍ 4'22	20♉27	8♎52	1♌ 2	14♋30	27°R44	11°R49	5♎40	13°R31	9°R57	14♍45	14♍37	14♊ 0	22°R46	T 1
F 2	23 7 54	15° 3'06	2♊25	9°18	2° 9	15° 6	27♏41	11♏48	5°43	13♈30	9♒56	14°R45	14°34	14° 6	22♈44	F 2
S 3	23 11 51	16° 1'53	14°18	9°39	3°17	15°42	27°38	11°47	5°47	13°28	9°55	14°D45	14°31	14°13	22°42	S 3
S 4	23 15 48	17° 0'41	26°12	9°55	4°25	16°18	27°35	11°46	5°51	13°27	9°54	14°45	14°28	14°20	22°40	S 4
M 5	23 19 44	17°59'32	8♋10	10° 4	5°33	16°54	27°33	11°46	5°54	13°25	9°53	14°45	14°25	14°27	22°38	M 5
T 6	23 23 41	18°58'26	20°18	10°R 7	6°41	17°29	27°30	11°45	5°58	13°24	9°52	14°46	14°22	14°33	22°36	T 6
W 7	23 27 37	19°57'21	2♌38	10° 4	7°49	18° 5	27°28	11°45	6° 1	13°22	9°51	14°46	14°18	14°40	22°33	W 7
T 8	23 31 34	20°56'19	15°15	9°53	8°58	18°40	27°26	11°45	6° 5	13°21	9°50	14°47	14°15	14°47	22°31	T 8
F 9	23 35 30	21°55'19	28°10	9°35	10° 7	19°16	27°24	11°45	6° 9	13°19	9°50	14°47	14°12	14°53	22°29	F 9
S 10	23 39 27	22°54'21	11♍24	9° 9	11°15	19°51	27°23	11°D45	6°12	13°18	9°49	14°R48	14° 9	15° 0	22°26	S 10
S 11	23 43 23	23°53'26	24°58	8°36	12°24	20°26	27°21	11°45	6°16	13°16	9°48	14°48	14° 6	15° 7	22°24	S 11
M12	23 47 20	24°52'32	8♎49	7°55	13°34	21° 1	27°20	11°45	6°20	13°15	9°47	14°47	14° 2	15°14	22°21	M12
T 13	23 51 17	25°51'41	22°54	7° 7	14°43	21°36	27°19	11°45	6°24	13°13	9°46	14°46	13°59	15°20	22°19	T 13
W14	23 55 13	26°50'51	7♏ 8	6°12	15°52	22°11	27°19	11°45	6°27	13°12	9°45	14°44	13°56	15°27	22°17	W14
T 15	23 59 10	27°50'03	21°28	5°11	17° 2	22°45	27°18	11°46	6°31	13°10	9°44	14°43	13°53	15°34	22°14	T 15
F 16	0 3 6	28°49'18	5♐49	4° 5	18°12	23°20	27°18	11°46	6°35	13° 8	9°44	14°42	13°50	15°40	22°11	F 16
S 17	0 7 3	29°48'34	20° 7	2°56	19°22	23°54	27°D17	11°47	6°39	13° 7	9°43	14°41	13°47	15°47	22° 9	S 17
S 18	0 10 59	0♎47'51	4♏19	1°45	20°32	24°29	27°17	11°48	6°42	13° 5	9°42	14°D41	13°43	15°54	22° 6	S 18
M19	0 14 56	1°47'11	18°23	0°35	21°42	25° 3	27°18	11°49	6°46	13° 3	9°41	14°41	13°40	16° 1	22° 4	M19
T 20	0 18 52	2°46'32	2♒18	29♍26	22°52	25°37	27°18	11°50	6°50	13° 2	9°41	14°42	13°37	16° 7	22° 1	T 20
W21	0 22 49	3°45'56	16° 1	28°22	24° 3	26°11	27°19	11°51	6°54	13° 0	9°40	14°44	13°34	16°14	21°58	W21
T 22	0 26 46	4°45'21	29°33	27°23	25°13	26°45	27°20	11°52	6°57	12°59	9°39	14°45	13°31	16°21	21°56	T 22
F 23	0 30 42	5°44'47	12♓53	26°32	26°24	27°18	27°21	11°53	7° 1	12°57	9°39	14°R45	13°27	16°28	21°53	F 23
S 24	0 34 39	6°44'16	26° 1	25°50	27°35	27°52	27°22	11°54	7° 5	12°55	9°38	14°45	13°24	16°34	21°50	S 24
S 25	0 38 35	7°43'47	8♈55	25°18	28°46	28°25	27°23	11°56	7° 9	12°54	9°38	14°43	13°21	16°41	21°48	S 25
M26	0 42 32	8°43'20	21°35	24°57	29°57	28°59	27°25	11°57	7°13	12°52	9°37	14°41	13°18	16°48	21°45	M26
T 27	0 46 28	9°42'55	4♉ 3	24°D47	1♍ 8	29°32	27°27	11°59	7°16	12°50	9°36	14°37	13°15	16°54	21°42	T 27
W28	0 50 25	10°42'32	16°18	24°48	2°19	0♌ 5	27°29	12° 1	7°20	12°48	9°36	14°32	13°12	17° 1	21°39	W28
T 29	0 54 21	11°42'11	28°23	25° 0	3°31	0°38	27°31	12° 3	7°24	12°47	9°35	14°28	13° 8	17° 8	21°37	T 29
F 30	0 58 18	12♎41'53	10♊21	25♍22	4♍42	1♌11	27♏33	12♏ 4	7♎28	12♈45	9♒35	14♍24	13♍ 5	17♊15	21♈34	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	6n18	13n18	4s49	6s42	3s27	19n14	0s49	23n32	0n46	21s37	0s55	23s 6	0s 4	1s40	0n39	3n42	1s49	27s18	9s51	6n 2	6n 5	17n29	10n18	1n31
F 2	5 55	15 41	5 10	6 57	3 32	19 3	0 45	23 29	0 47	21 38	0 55	23 6	0 4	1 41	0 39	3 41	1 49	27 18	9 51	6 2	6 6	17 30	10 18	1 31
S 3	5 32	17 23	5 17	7 10	3 37	18 52	0 40	23 26	0 48	21 38	0 55	23 7	0 5	1 43	0 39	3 40	1 49	27 19	9 51	6 2	6 8	17 31	10 17	1 31
S 4	5 9	18 20	5 11	7 19	3 41	18 40	0 36	23 22	0 49	21 39	0 55	23 7	0 5	1 44	0 39	3 40	1 49	27 19	9 51	6 2	6 9	17 31	10 16	1 31
M 5	4 46	18 28	4 51	7 26	3 44	18 28	0 32	23 19	0 50	21 39	0 55	23 7	0 5	1 46	0 39	3 39	1 49	27 19	9 51	6 2	6 10	17 32	10 15	1 31
T 6	4 23	17 46	4 18	7 29	3 46	18 15	0 28	23 15	0 51	21 40	0 55	23 7	0 5	1 47	0 39	3 39	1 49	27 19	9 51	6 2	6 11	17 33	10 14	1 31
W 7	4 0	16 13	3 33	7 29	3 47	18 2	0 23	23 11	0 52	21 40	0 55	23 7	0 5	1 49	0 39	3 38	1 49	27 19	9 50	6 2	6 12	17 34	10 13	1 31
T 8	3 37	13 51	2 37	7 24	3 47	17 48	0 19	23 7	0 53	21 40	0 55	23 7	0 5	1 50	0 39	3 37	1 49	27 19	9 50	6 1	6 14	17 34	10 13	1 31
F 9	3 13	10 45	1 31	7 16	3 45	17 34	0 15	23 3	0 54	21 41	0 55	23 7	0 5	1 52	0 39	3 37	1 49	27 20	9 50	6 1	6 15	17 35	10 12	1 31
S 10	2 50	7 2	0 19	7 3	3 42	17 19	0 11	22 59	0 55	21 41	0 55	23 7	0 5	1 53	0 39	3 36	1 49	27 20	9 50	6 1	6 16	17 36	10 11	1 31
S 11	2 26	2 52	0n56	6 45	3 37	17 3	0 7	22 55	0 56	21 41	0 55	23 7	0 5	1 55	0 39	3 36	1 49	27 20	9 50	6 1	6 17	17 37	10 10	1 31
M12	2 3	1s32	2 9	6 23	3 31	16 48	0 3	22 51	0 57	21 41	0 55	23 7	0 5	1 56	0 39	3 35	1 49	27 20	9 50	6 1	6 19	17 37	10 9	1 31
T 13	1 39	5 55	3 16	5 56	3 23	16 31	0n 1	22 46	0 58	21 42	0 55	23 8	0 5	1 57	0 39	3 34	1 49	27 20	9 50	6 2	6 20	17 38	10 8	1 31
W14	1 16	10 1	4 11	5 25	3 13	16 14	0 5	22 41	0 59	21 42	0 55	23 8	0 5	1 59	0 39	3 34	1 49	27 20	9 50	6 2	6 21	17 39	10 7	1 31
T 15	0 52	13 33	4 50	4 50	3 1	15 57	0 9	22 37	1 0	21 42	0 55	23 8	0 5	2 0	0 39	3 33	1 49	27 20	9 49	6 3	6 22	17 40	10 6	1 31
F 16	0 28	16 16	5 12	4 11	2 47	15 39	0 13	22 32	1 1	21 42	0 54	23 8	0 5	2 2	0 39	3 32	1 49	27 20	9 49	6 3	6 23	17 40	10 5	1 31
S 17	0 5	17 58	5 14	3 29	2 31	15 21	0 17	22 27	1 2	21 42	0 54	23 8	0 6	2 3	0 39	3 32	1 49	27 20	9 49	6 4	6 25	17 41	10 4	1 31
S 18	0s19	18 32	4 58	2 45	2 14	15 2	0 20	22 22	1 3	21 42	0 54	23 8	0 6	2 5	0 39	3 31	1 49	27 21	9 49	6 4	6 26	17 42	10 3	1 31
M19	0 43	17 57	4 23	1 59	1 55	14 43	0 24	22 17	1 4	21 42	0 54	23 8	0 6	2 6	0 39	3 30	1 49	27 21	9 49	6 4	6 27	17 42	10 2	1 31
T 20	1 7	16 17	3 33	1 14	1 35	14 24	0 27	22 11	1 5	21 41	0 54	23 8	0 6	2 8	0 39	3 30	1 49	27 21	9 49	6 3	6 28	17 43	10 1	1 31
W21	1 30	13 42	2 32	0 29	1 15	14 4	0 31	22 6	1 6	21 41	0 54	23 8	0 6	2 9	0 39	3 29	1 49	27 21	9 49	6 3	6 30	17 44	10 0	1 30
T 22	1 54	10 24	1 23	0n13	0 54	13 43	0 34	22 0	1 7	21 41	0 54	23 8	0 6	2 11	0 39	3 28	1 49	27 21	9 48	6 2	6 31	17 45	9 59	1 30
F 23	2 18	6 36	0 10	0 52	0 34	13 22	0 38	21 55	1 8	21 41	0 54	23 8	0 6	2 12	0 39	3 28	1 49	27 21	9 48	6 2	6 32	17 45	9 58	1 30
S 24	2 41	2 32	1s 2	1 27	0 14	13 1	0 41	21 49	1 9	21 40	0 54	23 7	0 6	2 14	0 39	3 27	1 49	27 21	9 48	6 2	6 33	17 46	9 57	1 30
S 25	3 5	1n35	2 9	1 57	0n 5	12 39	0 44	21 43	1 10	21 40	0 54	23 7	0 6	2 15	0 39	3 26	1 49	27 21	9 48	6 3	6 35	17 47	9 56	1 30
M26	3 29	5 32	3 9	2 22	0 23	12 17	0 47	21 37	1 11	21 40	0 54	23 7	0 6	2 17	0 39	3 26	1 49	27 21	9 48	6 4	6 36	17 47	9 55	1 30
T 27	3 52	9 12	3 58	2 42	0 40	11 55	0 50	21 32	1 12	21 39	0 54	23 7	0 6	2 18	0 39	3 25	1 49	27 21	9 48	6 5	6 37	17 48	9 54	1 30
W28	4 16	12 23	4 36	2 55	0 55	11 32	0 53	21 26	1 13	21 39	0 54	23 7	0 6	2 20	0 39	3 24	1 49	27 21	9 47	6 7	6 38	17 49	9 52	1 30
T 29	4 39	15 1	5 1	3 3	1 9	11 9	0 56	21 19	1 14	21 38	0 54	23 7	0 6	2 21	0 39	3 24	1 49	27 21	9 47	6 9	6 39	17 49	9 51	1 30
F 30	5s 2	16n58	5s12	3n 5	1n21	10n45	0n59	21n13	1n15	21s38	0s54	23s 7	0s 6	2s23	0n39	3n23	1s49	27s21	9s47	6n10	6n41	17n50	9n50	1n30

Julian Day Number = 2104083.5, Delta T = 20m47s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'46, Lahiri = 10°35'47 Julian Calendar 1 Sept. 1048 == Greg. Calendar 7 Sept. 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

OCTOBER 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 2 14	13♎41'37	22♊13	25♍55	5♍54	1♌43	27♑36	12♑ 6	7♎31	12°R43	9°R35	14°R20	13♍ 2	17♊21	21°R31	S 1
S 2	1 6 11	14°41'23	4♋ 5	26°36	7° 6	2°16	27°39	12° 9	7°35	12♈42	9♒34	14♍18	12°59	17°28	21♈28	S 2
M 3	1 10 8	15°41'12	16° 2	27°25	8°17	2°48	27°42	12°11	7°39	12°40	9°34	14°D18	12°56	17°35	21°25	M 3
T 4	1 14 4	16°41'03	28° 7	28°22	9°29	3°21	27°45	12°13	7°43	12°38	9°33	14°18	12°53	17°42	21°22	T 4
W 5	1 18 1	17°40'56	10♌25	29°26	10°41	3°53	27°48	12°16	7°46	12°37	9°33	14°20	12°49	17°48	21°20	W 5
T 6	1 21 57	18°40'51	23° 2	0♎35	11°54	4°25	27°52	12°18	7°50	12°35	9°33	14°22	12°46	17°55	21°17	T 6
F 7	1 25 54	19°40'49	6♍ 1	1°50	13° 6	4°56	27°56	12°21	7°54	12°33	9°32	14°23	12°43	18° 2	21°14	F 7
S 8	1 29 50	20°40'48	19°24	3° 8	14°18	5°28	28° 0	12°23	7°58	12°32	9°32	14°R23	12°40	18° 8	21°11	S 8
S 9	1 33 47	21°40'50	3♎13	4°30	15°31	5°59	28° 4	12°26	8° 1	12°30	9°32	14°22	12°37	18°15	21° 8	S 9
M10	1 37 43	22°40'54	17°25	5°56	16°43	6°31	28° 8	12°29	8° 5	12°28	9°32	14°18	12°33	18°22	21° 5	M10
T 11	1 41 40	23°40'59	1♏56	7°24	17°56	7° 2	28°12	12°32	8° 9	12°27	9°32	14°13	12°30	18°29	21° 3	T 11
W12	1 45 37	24°41'07	16°40	8°54	19° 9	7°33	28°17	12°35	8°12	12°25	9°31	14° 7	12°27	18°35	21° 0	W12
T 13	1 49 33	25°41'16	1♐28	10°26	20°21	8° 3	28°22	12°38	8°16	12°23	9°31	14° 0	12°24	18°42	20°57	T 13
F 14	1 53 30	26°41'27	16°13	11°59	21°34	8°34	28°27	12°41	8°20	12°22	9°31	13°55	12°21	18°49	20°54	F 14
S 15	1 57 26	27°41'40	0♑48	13°33	22°47	9° 4	28°32	12°45	8°23	12°20	9°31	13°50	12°18	18°55	20°51	S 15
S 16	2 1 23	28°41'55	15° 9	15° 8	24° 0	9°35	28°38	12°48	8°27	12°19	9°31	13°47	12°14	19° 2	20°48	S 16
M17	2 5 19	29°42'10	29°11	16°44	25°13	10° 5	28°43	12°52	8°30	12°17	9°D31	13°D46	12°11	19° 9	20°46	M17
T 18	2 9 16	0♏42'28	12♒55	18°21	26°26	10°34	28°49	12°55	8°34	12°15	9°31	13°47	12° 8	19°16	20°43	T 18
W19	2 13 12	1°42'46	26°22	19°57	27°40	11° 4	28°55	12°59	8°38	12°14	9°31	13°48	12° 5	19°22	20°40	W19
T 20	2 17 9	2°43'07	9♓33	21°34	28°53	11°33	29° 1	13° 3	8°41	12°12	9°31	13°R49	12° 2	19°29	20°37	T 20
F 21	2 21 6	3°43'28	22°31	23°11	0♎ 6	12° 3	29° 7	13° 6	8°45	12°11	9°31	13°49	11°58	19°36	20°34	F 21
S 22	2 25 2	4°43'51	5♈16	24°48	1°20	12°32	29°13	13°10	8°48	12° 9	9°31	13°46	11°55	19°43	20°32	S 22
S 23	2 28 59	5°44'16	17°51	26°26	2°33	13° 1	29°20	13°14	8°52	12° 8	9°31	13°42	11°52	19°49	20°29	S 23
M24	2 32 55	6°44'42	0♉16	28° 3	3°47	13°29	29°27	13°18	8°55	12° 6	9°32	13°34	11°49	19°56	20°26	M24
T 25	2 36 52	7°45'10	12°32	29°39	5° 1	13°58	29°34	13°23	8°59	12° 5	9°32	13°25	11°46	20° 3	20°23	T 25
W26	2 40 48	8°45'40	24°40	1♏16	6°14	14°26	29°41	13°27	9° 2	12° 3	9°32	13°14	11°43	20° 9	20°21	W26
T 27	2 44 45	9°46'11	6♊40	2°53	7°28	14°54	29°48	13°31	9° 5	12° 2	9°32	13° 3	11°39	20°16	20°18	T 27
F 28	2 48 41	10°46'44	18°35	4°29	8°42	15°22	29°55	13°36	9° 9	12° 0	9°32	12°52	11°36	20°23	20°15	F 28
S 29	2 52 38	11°47'19	0♋26	6° 5	9°56	15°49	0♒ 3	13°40	9°12	11°59	9°33	12°43	11°33	20°30	20°13	S 29
S 30	2 56 34	12°47'56	12°17	7°41	11°10	16°16	0°10	13°45	9°15	11°58	9°33	12°36	11°30	20°36	20°10	S 30
M31	3 0 31	13♏48'34	24♋11	9♏17	12♎24	16♌44	0♒18	13♑49	9♎19	11♈56	9♒33	12♍31	11♍27	20♊43	20♈ 8	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s26	18n10	5s10	3n 2	1n32	10n21	1n 2	21n 7	1n16	21s37	0s54	23s 7	0s 7	2s24	0n39	3n22	1s49	27s21	9s47	6n12	6n42	17n51	9n49	1n30
S 2	5 49	18 35	4 54	2 54	1 41	9 57	1 5	21 1	1 18	21 37	0 53	23 7	0 7	2 26	0 39	3 22	1 49	27 21	9 47	6 12	6 43	17 52	9 48	1 30
M 3	6 12	18 11	4 26	2 41	1 48	9 33	1 7	20 54	1 19	21 36	0 53	23 7	0 7	2 27	0 39	3 21	1 49	27 21	9 47	6 13	6 44	17 52	9 47	1 30
T 4	6 35	16 57	3 46	2 24	1 54	9 8	1 10	20 48	1 20	21 35	0 53	23 6	0 7	2 29	0 39	3 20	1 49	27 20	9 46	6 12	6 46	17 53	9 46	1 30
W 5	6 58	14 55	2 55	2 3	1 59	8 43	1 12	20 41	1 21	21 34	0 53	23 6	0 7	2 30	0 39	3 20	1 49	27 20	9 46	6 12	6 47	17 54	9 45	1 30
T 6	7 21	12 7	1 54	1 38	2 3	8 17	1 15	20 35	1 22	21 34	0 53	23 6	0 7	2 32	0 39	3 19	1 49	27 20	9 46	6 11	6 48	17 54	9 43	1 30
F 7	7 44	8 39	0 46	1 11	2 5	7 51	1 17	20 28	1 23	21 33	0 53	23 6	0 7	2 33	0 39	3 19	1 49	27 20	9 46	6 11	6 49	17 55	9 42	1 30
S 8	8 7	4 38	0n27	0 41	2 6	7 25	1 19	20 22	1 24	21 32	0 53	23 6	0 7	2 35	0 39	3 18	1 49	27 20	9 46	6 11	6 50	17 56	9 41	1 29
S 9	8 30	0 15	1 41	0 8	2 7	6 59	1 21	20 15	1 25	21 31	0 53	23 6	0 7	2 36	0 39	3 17	1 49	27 20	9 45	6 11	6 52	17 56	9 40	1 29
M10	8 52	4s15	2 50	0s26	2 6	6 33	1 23	20 8	1 27	21 30	0 53	23 5	0 7	2 38	0 39	3 17	1 49	27 20	9 45	6 12	6 53	17 57	9 39	1 29
T 11	9 14	8 37	3 49	1 2	2 5	6 6	1 25	20 1	1 28	21 29	0 53	23 5	0 7	2 39	0 39	3 16	1 49	27 20	9 45	6 14	6 54	17 58	9 38	1 29
W12	9 37	12 31	4 35	1 40	2 3	5 39	1 27	19 55	1 29	21 28	0 53	23 5	0 7	2 41	0 39	3 15	1 49	27 20	9 45	6 17	6 55	17 58	9 37	1 29
T 13	9 59	15 38	5 2	2 19	2 0	5 12	1 29	19 48	1 30	21 27	0 53	23 5	0 7	2 42	0 39	3 15	1 49	27 19	9 45	6 19	6 57	17 59	9 35	1 29
F 14	10 21	17 43	5 9	2 58	1 57	4 45	1 31	19 41	1 31	21 26	0 53	23 4	0 7	2 44	0 39	3 14	1 49	27 19	9 44	6 22	6 58	17 59	9 34	1 29
S 15	10 42	18 38	4 56	3 38	1 53	4 17	1 32	19 34	1 33	21 25	0 53	23 4	0 8	2 45	0 39	3 13	1 49	27 19	9 44	6 23	6 59	18 0	9 33	1 29
S 16	11 4	18 19	4 24	4 19	1 49	3 50	1 34	19 27	1 34	21 24	0 52	23 4	0 8	2 46	0 39	3 13	1 49	27 19	9 44	6 24	7 0	18 1	9 32	1 29
M17	11 25	16 53	3 37	5 0	1 44	3 22	1 35	19 20	1 35	21 23	0 52	23 4	0 8	2 48	0 39	3 12	1 49	27 19	9 44	6 25	7 1	18 1	9 31	1 29
T 18	11 47	14 29	2 39	5 42	1 39	2 54	1 37	19 13	1 36	21 21	0 52	23 3	0 8	2 49	0 39	3 12	1 49	27 19	9 44	6 25	7 3	18 2	9 30	1 29
W19	12 8	11 20	1 33	6 23	1 34	2 26	1 38	19 6	1 38	21 20	0 52	23 3	0 8	2 51	0 39	3 11	1 49	27 18	9 43	6 24	7 4	18 3	9 29	1 29
T 20	12 29	7 40	0 23	7 5	1 29	1 58	1 39	18 59	1 39	21 19	0 52	23 3	0 8	2 52	0 39	3 10	1 49	27 18	9 43	6 24	7 5	18 3	9 27	1 29
F 21	12 49	3 42	0s47	7 46	1 23	1 29	1 40	18 52	1 40	21 17	0 52	23 3	0 8	2 53	0 39	3 10	1 49	27 18	9 43	6 24	7 6	18 4	9 26	1 28
S 22	13 10	0n23	1 53	8 28	1 17	1 1	1 41	18 45	1 41	21 16	0 52	23 2	0 8	2 55	0 39	3 9	1 49	27 18	9 43	6 25	7 8	18 5	9 25	1 28
S 23	13 30	4 23	2 52	9 9	1 11	0 32	1 42	18 38	1 43	21 14	0 52	23 2	0 8	2 56	0 39	3 9	1 49	27 17	9 43	6 27	7 9	18 5	9 24	1 28
M24	13 50	8 9	3 43	9 50	1 4	0 4	1 43	18 31	1 44	21 13	0 52	23 2	0 8	2 58	0 39	3 8	1 49	27 17	9 42	6 29	7 10	18 6	9 23	1 28
T 25	14 10	11 31	4 22	10 30	0 58	0s25	1 44	18 24	1 45	21 11	0 52	23 1	0 8	2 59	0 39	3 8	1 49	27 17	9 42	6 33	7 11	18 6	9 22	1 28
W26	14 30	14 22	4 49	11 10	0 51	0 54	1 44	18 17	1 47	21 10	0 52	23 1	0 8	3 0	0 39	3 7	1 49	27 17	9 42	6 37	7 12	18 7	9 21	1 28
T 27	14 49	16 34	5 2	11 50	0 45	1 22	1 45	18 10	1 48	21 8	0 52	23 0	0 8	3 2	0 39	3 6	1 49	27 16	9 42	6 42	7 14	18 8	9 20	1 28
F 28	15 8	18 2	5 3	12 29	0 38	1 51	1 45	18 3	1 49	21 7	0 52	23 0	0 8	3 3	0 39	3 6	1 49	27 16	9 42	6 46	7 15	18 8	9 18	1 28
S 29	15 27	18 44	4 50	13 7	0 31	2 20	1 46	17 56	1 51	21 5	0 52	23 0	0 8	3 4	0 39	3 5	1 49	27 16	9 41	6 49	7 16	18 9	9 17	1 28
S 30	15 45	18 36	4 25	13 45	0 25	2 49	1 46	17 49	1 52	21 3	0 52	22 59	0 9	3 5	0 39	3 5	1 49	27 16	9 41	6 52	7 17	18 9	9 16	1 28
M31	16s 4	17n39	3s48	14s23	0n18	3s17	1n46	17n42	1n53	21s 2	0s51	22s59	0s 9	3s 7	0n39	3n 4	1s49	27s15	9s41	6n54	7n18	18n10	9n15	1n27

Julian Day Number = 2104113.5, Delta T = 20m47s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'50, Lahiri = 10°35'51 Julian Calendar 1 Oct. 1048 == Greg. Calendar 7 Oct. 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

NOVEMBER 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	3 4 28	14♏49'14	6♌12	10♏53	13♎38	17♌10	0♒26	13♑54	9♎22	11°R55	9♒34	12°R29	11♍24	20♊50	20°R 5	T 1
W 2	3 8 24	15°49'56	18°26	12°28	14°52	17°37	0°34	13°59	9°25	11♈54	9°34	12°D29	11°20	20°56	20♈ 3	W 2
T 3	3 12 21	16°50'39	0♍58	14° 3	16° 6	18° 3	0°42	14° 4	9°28	11°52	9°35	12♍29	11°17	21° 3	20° 0	T 3
F 4	3 16 17	17°51'24	13°52	15°39	17°20	18°29	0°51	14° 8	9°32	11°51	9°35	12°R29	11°14	21°10	19°58	F 4
S 5	3 20 14	18°52'10	27°13	17°13	18°34	18°55	0°59	14°13	9°35	11°50	9°36	12°28	11°11	21°17	19°55	S 5
S 6	3 24 10	19°52'59	11♎ 3	18°48	19°49	19°21	1° 8	14°18	9°38	11°48	9°36	12°25	11° 8	21°23	19°53	S 6
M 7	3 28 7	20°53'48	25°22	20°23	21° 3	19°46	1°17	14°24	9°41	11°47	9°37	12°19	11° 4	21°30	19°51	M 7
T 8	3 32 3	21°54'39	10♏ 7	21°57	22°17	20°11	1°26	14°29	9°44	11°46	9°37	12°11	11° 1	21°37	19°48	T 8
W 9	3 36 0	22°55'32	25°10	23°32	23°32	20°35	1°35	14°34	9°47	11°45	9°38	12° 1	10°58	21°44	19°46	W 9
T 10	3 39 57	23°56'26	10♐22	25° 6	24°46	21° 0	1°44	14°39	9°50	11°44	9°38	11°50	10°55	21°50	19°44	T 10
F 11	3 43 53	24°57'20	25°32	26°40	26° 1	21°24	1°53	14°45	9°53	11°42	9°39	11°39	10°52	21°57	19°41	F 11
S 12	3 47 50	25°58'16	10♑30	28°14	27°15	21°48	2° 3	14°50	9°56	11°41	9°40	11°30	10°49	22° 4	19°39	S 12
S 13	3 51 46	26°59'13	25° 8	29°49	28°30	22°11	2°13	14°56	9°59	11°40	9°40	11°24	10°45	22°10	19°37	S 13
M14	3 55 43	28° 0'11	9♒21	1♐23	29°44	22°34	2°22	15° 1	10° 2	11°39	9°41	11°21	10°42	22°17	19°35	M14
T 15	3 59 39	29° 1'09	23° 9	2°57	0♏59	22°57	2°32	15° 7	10° 4	11°38	9°42	11°20	10°39	22°24	19°33	T 15
W16	4 3 36	0♐ 2'08	6♓32	4°31	2°14	23°19	2°42	15°13	10° 7	11°37	9°43	11°20	10°36	22°31	19°31	W16
T 17	4 7 33	1° 3'07	19°34	6° 5	3°28	23°41	2°52	15°18	10°10	11°36	9°43	11°20	10°33	22°37	19°29	T 17
F 18	4 11 29	2° 4'07	2♈19	7°39	4°43	24° 3	3° 2	15°24	10°13	11°35	9°44	11°18	10°30	22°44	19°27	F 18
S 19	4 15 26	3° 5'08	14°50	9°13	5°58	24°24	3°13	15°30	10°15	11°34	9°45	11°14	10°26	22°51	19°25	S 19
S 20	4 19 22	4° 6'09	27° 9	10°47	7°12	24°45	3°23	15°36	10°18	11°34	9°46	11° 7	10°23	22°57	19°23	S 20
M21	4 23 19	5° 7'12	9♉20	12°21	8°27	25° 6	3°34	15°42	10°20	11°33	9°47	10°57	10°20	23° 4	19°22	M21
T 22	4 27 15	6° 8'15	21°25	13°56	9°42	25°26	3°44	15°48	10°23	11°32	9°48	10°45	10°17	23°11	19°20	T 22
W23	4 31 12	7° 9'18	3♊25	15°30	10°57	25°46	3°55	15°54	10°25	11°31	9°49	10°30	10°14	23°18	19°18	W23
T 24	4 35 8	8°10'23	15°20	17° 4	12°12	26° 6	4° 6	16° 0	10°28	11°30	9°50	10°15	10°10	23°24	19°16	T 24
F 25	4 39 5	9°11'28	27°13	18°39	13°27	26°25	4°17	16° 6	10°30	11°30	9°51	10° 0	10° 7	23°31	19°15	F 25
S 26	4 43 2	10°12'34	9♋ 4	20°13	14°41	26°43	4°28	16°12	10°33	11°29	9°52	9°47	10° 4	23°38	19°13	S 26
S 27	4 46 58	11°13'40	20°56	21°48	15°56	27° 2	4°39	16°19	10°35	11°28	9°53	9°37	10° 1	23°45	19°12	S 27
M28	4 50 55	12°14'48	2♌51	23°22	17°11	27°19	4°51	16°25	10°37	11°28	9°54	9°29	9°58	23°51	19°10	M28
T 29	4 54 51	13°15'56	14°52	24°56	18°26	27°37	5° 2	16°31	10°39	11°27	9°55	9°25	9°55	23°58	19° 9	T 29
W30	4 58 48	14♐17'05	27♌ 4	26♐31	19♏41	27♌54	5♒13	16♑38	10♎42	11♈26	9♒56	9♍23	9♍51	24♊ 5	19♈ 8	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16s22	15n54	3s 1	14s59	0n11	3s46	1n47	17n35	1n55	21s 0	0s51	22s58	0s 9	3s 8	0n39	3n 4	1s49	27s15	9s41	6n55	7n20	18n11	9n14	1n27
W 2	16 40	13 24	2 5	15 35	0 4	4 15	1 47	17 28	1 56	20 58	0 51	22 58	0 9	3 9	0 39	3 3	1 49	27 15	9 41	6 55	7 21	18 11	9 13	1 27
T 3	16 57	10 14	1 1	16 10	0s 2	4 43	1 47	17 22	1 58	20 56	0 51	22 58	0 9	3 11	0 39	3 3	1 49	27 14	9 40	6 55	7 22	18 12	9 12	1 27
F 4	17 14	6 29	0n 7	16 45	0 9	5 12	1 47	17 15	1 59	20 54	0 51	22 57	0 9	3 12	0 39	3 2	1 49	27 14	9 40	6 54	7 23	18 12	9 11	1 27
S 5	17 31	2 18	1 18	17 19	0 16	5 41	1 46	17 8	2 0	20 52	0 51	22 57	0 9	3 13	0 39	3 2	1 49	27 14	9 40	6 55	7 25	18 13	9 10	1 27
S 6	17 48	2s10	2 26	17 51	0 22	6 9	1 46	17 1	2 2	20 50	0 51	22 56	0 9	3 14	0 39	3 2	1 49	27 14	9 40	6 56	7 26	18 14	9 9	1 27
M 7	18 4	6 39	3 27	18 23	0 29	6 37	1 46	16 55	2 3	20 48	0 51	22 56	0 9	3 15	0 39	3 1	1 49	27 13	9 40	6 58	7 27	18 14	9 8	1 27
T 8	18 20	10 52	4 16	18 55	0 35	7 5	1 45	16 48	2 5	20 46	0 51	22 55	0 9	3 17	0 39	3 1	1 49	27 13	9 39	7 1	7 28	18 15	9 7	1 27
W 9	18 36	14 29	4 49	19 25	0 41	7 33	1 45	16 42	2 6	20 44	0 51	22 55	0 9	3 18	0 39	3 0	1 49	27 12	9 39	7 5	7 29	18 15	9 6	1 26
T 10	18 51	17 9	5 1	19 54	0 47	8 1	1 44	16 35	2 8	20 42	0 51	22 54	0 9	3 19	0 39	3 0	1 48	27 12	9 39	7 10	7 31	18 16	9 5	1 26
F 11	19 6	18 36	4 53	20 23	0 53	8 29	1 44	16 29	2 9	20 40	0 51	22 54	0 9	3 20	0 39	2 59	1 48	27 12	9 39	7 14	7 32	18 16	9 4	1 26
S 12	19 21	18 45	4 24	20 50	0 59	8 57	1 43	16 23	2 11	20 38	0 51	22 53	0 9	3 21	0 39	2 59	1 48	27 11	9 39	7 17	7 33	18 17	9 3	1 26
S 13	19 35	17 38	3 39	21 16	1 5	9 24	1 42	16 16	2 12	20 35	0 51	22 53	0 9	3 22	0 39	2 59	1 48	27 11	9 39	7 19	7 34	18 18	9 2	1 26
M14	19 49	15 25	2 41	21 42	1 11	9 51	1 41	16 10	2 14	20 33	0 51	22 52	0 9	3 23	0 39	2 58	1 48	27 11	9 38	7 21	7 35	18 18	9 1	1 26
T 15	20 2	12 23	1 35	22 6	1 16	10 18	1 40	16 4	2 16	20 31	0 51	22 51	0 10	3 25	0 39	2 58	1 48	27 10	9 38	7 21	7 37	18 19	9 0	1 26
W16	20 16	8 46	0 25	22 29	1 22	10 45	1 39	15 58	2 17	20 29	0 51	22 51	0 10	3 26	0 39	2 58	1 48	27 10	9 38	7 21	7 38	18 19	9 0	1 26
T 17	20 28	4 49	0s44	22 51	1 27	11 12	1 38	15 52	2 19	20 26	0 51	22 50	0 10	3 27	0 39	2 57	1 48	27 9	9 38	7 21	7 39	18 20	8 59	1 25
F 18	20 41	0 44	1 49	23 12	1 32	11 38	1 37	15 47	2 21	20 24	0 51	22 50	0 10	3 28	0 39	2 57	1 48	27 9	9 38	7 22	7 40	18 20	8 58	1 25
S 19	20 53	3n18	2 47	23 32	1 36	12 4	1 36	15 41	2 22	20 21	0 51	22 49	0 10	3 29	0 39	2 57	1 48	27 9	9 37	7 23	7 41	18 21	8 57	1 25
S 20	21 4	7 8	3 37	23 50	1 41	12 30	1 35	15 36	2 24	20 19	0 50	22 48	0 10	3 30	0 39	2 56	1 48	27 8	9 37	7 26	7 43	18 21	8 56	1 25
M21	21 16	10 38	4 16	24 8	1 45	12 55	1 33	15 30	2 25	20 16	0 50	22 48	0 10	3 31	0 39	2 56	1 48	27 8	9 37	7 30	7 44	18 22	8 55	1 25
T 22	21 26	13 39	4 43	24 24	1 49	13 20	1 32	15 25	2 27	20 14	0 50	22 47	0 10	3 32	0 39	2 56	1 48	27 7	9 37	7 35	7 45	18 22	8 55	1 25
W23	21 37	16 5	4 57	24 38	1 53	13 45	1 31	15 20	2 29	20 11	0 50	22 46	0 10	3 33	0 39	2 55	1 48	27 7	9 37	7 40	7 46	18 23	8 54	1 25
T 24	21 47	17 49	4 58	24 52	1 57	14 10	1 29	15 15	2 31	20 9	0 50	22 46	0 10	3 34	0 39	2 55	1 48	27 7	9 37	7 46	7 47	18 23	8 53	1 24
F 25	21 56	18 46	4 46	25 4	2 0	14 34	1 27	15 10	2 32	20 6	0 50	22 45	0 10	3 34	0 39	2 55	1 48	27 6	9 36	7 51	7 49	18 24	8 52	1 24
S 26	22 6	18 54	4 22	25 14	2 3	14 58	1 26	15 5	2 34	20 3	0 50	22 44	0 10	3 35	0 39	2 55	1 48	27 6	9 36	7 56	7 50	18 25	8 52	1 24
S 27	22 14	18 12	3 46	25 23	2 5	15 21	1 24	15 0	2 36	20 0	0 50	22 44	0 10	3 36	0 39	2 54	1 48	27 5	9 36	8 0	7 51	18 25	8 51	1 24
M28	22 23	16 42	3 0	25 31	2 8	15 44	1 22	14 56	2 38	19 58	0 50	22 43	0 10	3 37	0 40	2 54	1 48	27 5	9 36	8 3	7 52	18 26	8 50	1 24
T 29	22 30	14 27	2 6	25 37	2 9	16 7	1 21	14 51	2 40	19 55	0 50	22 42	0 10	3 38	0 40	2 54	1 48	27 4	9 36	8 5	7 53	18 26	8 49	1 24
W30	22s38	11n32	1s 5	25s42	2s11	16s29	1n19	14n47	2n41	19s52	0s50	22s42	0s11	3s39	0n40	2n54	1s48	27s 4	9s36	8n 5	7n55	18n27	8n49	1n24

Julian Day Number = 2104144.5, Delta T = 20m46s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'54, Lahiri = 10°35'55 Julian Calendar 1 Nov. 1048 == Greg. Calendar 7 Nov. 1048

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ASTRODIENST EPHEMERIS for the year 1048
geocentric

DECEMBER 1048 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	5 2 44	15♐18'14	9♍31	28♐ 5	20♏56	28♘10	5♒25	16♑44	10♎44	11°R26	9♒57	9°R23	9♍48	24♊11	19°R 6	T 1
F 2	5 6 41	16°19'24	22°19	29°39	22°11	28°26	5°37	16°50	10°46	11♈25	9°58	9♍23	9°45	24°18	19♈ 5	F 2
S 3	5 10 37	17°20'35	5♎31	1♑12	23°26	28°42	5°49	16°57	10°48	11°25	9°59	9°22	9°42	24°25	19° 4	S 3
S 4	5 14 34	18°21'47	19°12	2°46	24°41	28°57	6° 0	17° 4	10°50	11°24	10° 1	9°19	9°39	24°32	19° 3	S 4
M 5	5 18 31	19°22'59	3♏24	4°18	25°56	29°11	6°12	17°10	10°52	11°24	10° 2	9°13	9°36	24°38	19° 2	M 5
T 6	5 22 27	20°24'12	18° 4	5°50	27°11	29°25	6°24	17°17	10°54	11°24	10° 3	9° 5	9°32	24°45	19° 0	T 6
W 7	5 26 24	21°25'25	3♐ 8	7°22	28°26	29°39	6°36	17°23	10°56	11°23	10° 4	8°54	9°29	24°52	18°59	W 7
T 8	5 30 20	22°26'38	18°27	8°52	29°41	29°52	6°49	17°30	10°57	11°23	10° 5	8°43	9°26	24°58	18°59	T 8
F 9	5 34 17	23°27'52	3♑49	10°21	0♐57	0♍ 4	7° 1	17°37	10°59	11°23	10° 7	8°32	9°23	25° 5	18°58	F 9
S 10	5 38 13	24°29'06	19° 2	11°49	2°12	0°16	7°13	17°44	11° 1	11°22	10° 8	8°22	9°20	25°12	18°57	S 10
S 11	5 42 10	25°30'20	3♒56	13°15	3°27	0°27	7°26	17°50	11° 2	11°22	10° 9	8°16	9°16	25°19	18°56	S 11
M12	5 46 6	26°31'33	18°25	14°39	4°42	0°38	7°38	17°57	11° 4	11°22	10°11	8°12	9°13	25°25	18°55	M12
T 13	5 50 3	27°32'46	2♓25	16° 0	5°57	0°48	7°51	18° 4	11° 6	11°22	10°12	8°D10	9°10	25°32	18°55	T 13
W14	5 54 0	28°33'59	15°57	17°19	7°12	0°57	8° 4	18°11	11° 7	11°22	10°13	8°10	9° 7	25°39	18°54	W14
T 15	5 57 56	29°35'12	29° 2	18°34	8°27	1° 6	8°16	18°18	11° 9	11°22	10°15	8°R11	9° 4	25°45	18°54	T 15
F 16	6 1 53	0♑36'24	11♈46	19°44	9°42	1°14	8°29	18°25	11°10	11°D22	10°16	8°10	9° 1	25°52	18°53	F 16
S 17	6 5 49	1°37'35	24°12	20°50	10°58	1°22	8°42	18°32	11°11	11°22	10°18	8° 7	8°57	25°59	18°53	S 17
S 18	6 9 46	2°38'47	6♉24	21°50	12°13	1°29	8°55	18°38	11°13	11°22	10°19	8° 2	8°54	26° 6	18°52	S 18
M19	6 13 42	3°39'57	18°27	22°44	13°28	1°35	9° 8	18°45	11°14	11°22	10°20	7°54	8°51	26°12	18°52	M19
T 20	6 17 39	4°41'08	0♊24	23°31	14°43	1°41	9°21	18°52	11°15	11°22	10°22	7°44	8°48	26°19	18°52	T 20
W21	6 21 35	5°42'18	12°18	24° 9	15°58	1°45	9°34	18°59	11°16	11°22	10°23	7°32	8°45	26°26	18°52	W21
T 22	6 25 32	6°43'27	24°10	24°39	17°13	1°50	9°47	19° 7	11°17	11°22	10°25	7°20	8°42	26°32	18°52	T 22
F 23	6 29 29	7°44'36	6♋ 3	24°58	18°28	1°53	10° 1	19°14	11°18	11°22	10°26	7° 7	8°38	26°39	18°51	F 23
S 24	6 33 25	8°45'45	17°57	25°R 7	19°43	1°56	10°14	19°21	11°19	11°23	10°28	6°57	8°35	26°46	18°D51	S 24
S 25	6 37 22	9°46'53	29°53	25° 5	20°59	1°58	10°27	19°28	11°20	11°23	10°30	6°48	8°32	26°53	18°52	S 25
M26	6 41 18	10°48'01	11♌55	24°51	22°14	2° 0	10°41	19°35	11°21	11°23	10°31	6°42	8°29	26°59	18°52	M26
T 27	6 45 15	11°49'08	24° 3	24°25	23°29	2°R 0	10°54	19°42	11°22	11°24	10°33	6°39	8°26	27° 6	18°52	T 27
W28	6 49 11	12°50'15	6♍21	23°47	24°44	2° 0	11° 8	19°49	11°22	11°24	10°34	6°D38	8°22	27°13	18°52	W28
T 29	6 53 8	13°51'22	18°51	22°59	25°59	1°59	11°21	19°56	11°23	11°24	10°36	6°39	8°19	27°19	18°52	T 29
F 30	6 57 4	14°52'28	1♎39	22° 2	27°14	1°58	11°35	20° 3	11°24	11°25	10°37	6°40	8°16	27°26	18°53	F 30
S 31	7 1 1	15♑53'34	14♎47	20♑56	28♐30	1♍55	11♒49	20♑10	11♎24	11♈25	10♒39	6°R41	8♍13	27♊33	18♈53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22s45	8n 3	0n 1	25s45	2s12	16s51	1n17	14n43	2n43	19s49	0s50	22s41	0s11	3s40	0n40	2n54	1s48	27s 3	9s36	8n 6	7n56	18n27	8n48	1n24
F 2	22 51	4 6	1 8	25 46	2 13	17 12	1 15	14 39	2 45	19 46	0 50	22 40	0 11	3 40	0 40	2 54	1 47	27 3	9 35	8 6	7 57	18 28	8 48	1 23
S 3	22 57	0s10	2 14	25 46	2 13	17 33	1 13	14 36	2 47	19 43	0 50	22 39	0 11	3 41	0 40	2 53	1 47	27 2	9 35	8 6	7 58	18 28	8 47	1 23
S 4	23 3	4 34	3 14	25 44	2 12	17 53	1 11	14 32	2 49	19 40	0 50	22 39	0 11	3 42	0 40	2 53	1 47	27 2	9 35	8 7	8 0	18 29	8 46	1 23
M 5	23 8	8 52	4 5	25 41	2 11	18 13	1 9	14 29	2 51	19 37	0 50	22 38	0 11	3 43	0 40	2 53	1 47	27 2	9 35	8 9	8 1	18 29	8 46	1 23
T 6	23 13	12 48	4 41	25 36	2 10	18 33	1 7	14 26	2 53	19 34	0 50	22 37	0 11	3 43	0 40	2 53	1 47	27 1	9 35	8 12	8 2	18 30	8 45	1 23
W 7	23 17	15 59	4 59	25 29	2 8	18 52	1 5	14 23	2 55	19 31	0 50	22 36	0 11	3 44	0 40	2 53	1 47	27 1	9 35	8 16	8 3	18 30	8 45	1 23
T 8	23 21	18 8	4 57	25 20	2 5	19 10	1 2	14 20	2 57	19 28	0 50	22 35	0 11	3 45	0 40	2 53	1 47	27 0	9 35	8 21	8 4	18 31	8 44	1 23
F 9	23 24	18 58	4 32	25 11	2 2	19 28	1 0	14 17	2 59	19 25	0 50	22 35	0 11	3 45	0 40	2 53	1 47	27 0	9 34	8 25	8 6	18 31	8 44	1 22
S 10	23 27	18 25	3 49	24 59	1 58	19 46	0 58	14 15	3 1	19 22	0 50	22 34	0 11	3 46	0 40	2 53	1 47	26 59	9 34	8 28	8 7	18 32	8 43	1 22
S 11	23 29	16 36	2 51	24 46	1 53	20 2	0 56	14 13	3 3	19 19	0 50	22 33	0 11	3 47	0 40	2 53	1 47	26 59	9 34	8 31	8 8	18 32	8 43	1 22
M12	23 31	13 45	1 43	24 31	1 47	20 19	0 53	14 11	3 5	19 15	0 50	22 32	0 11	3 47	0 40	2 53	1 47	26 58	9 34	8 32	8 9	18 32	8 43	1 22
T 13	23 32	10 11	0 30	24 15	1 40	20 34	0 51	14 9	3 7	19 12	0 50	22 31	0 11	3 48	0 40	2 53	1 47	26 58	9 34	8 33	8 10	18 33	8 42	1 22
W14	23 33	6 12	0s41	23 58	1 33	20 50	0 48	14 8	3 9	19 9	0 50	22 30	0 11	3 48	0 40	2 53	1 47	26 57	9 34	8 33	8 12	18 33	8 42	1 22
T 15	23 34	2 3	1 49	23 39	1 24	21 4	0 46	14 6	3 11	19 5	0 50	22 30	0 12	3 49	0 40	2 53	1 47	26 57	9 34	8 33	8 13	18 34	8 42	1 22
F 16	23 34	2n 5	2 49	23 20	1 15	21 18	0 44	14 5	3 13	19 2	0 50	22 29	0 12	3 50	0 40	2 53	1 47	26 56	9 34	8 33	8 14	18 34	8 41	1 21
S 17	23 33	6 2	3 39	23 0	1 4	21 31	0 41	14 5	3 15	18 59	0 50	22 28	0 12	3 50	0 40	2 53	1 47	26 56	9 34	8 34	8 15	18 35	8 41	1 21
S 18	23 32	9 39	4 18	22 39	0 53	21 44	0 39	14 4	3 17	18 55	0 50	22 27	0 12	3 50	0 40	2 53	1 47	26 55	9 33	8 36	8 16	18 35	8 41	1 21
M19	23 31	12 50	4 46	22 17	0 40	21 56	0 36	14 4	3 19	18 52	0 50	22 26	0 12	3 51	0 40	2 53	1 46	26 55	9 33	8 39	8 18	18 36	8 40	1 21
T 20	23 29	15 26	5 0	21 56	0 26	22 7	0 34	14 4	3 21	18 48	0 50	22 25	0 12	3 51	0 40	2 53	1 46	26 54	9 33	8 43	8 19	18 36	8 40	1 21
W21	23 26	17 24	5 2	21 34	0 11	22 18	0 31	14 4	3 23	18 45	0 50	22 24	0 12	3 52	0 40	2 53	1 46	26 54	9 33	8 47	8 20	18 37	8 40	1 21
T 22	23 23	18 36	4 50	21 13	0n 5	22 28	0 29	14 4	3 25	18 41	0 50	22 23	0 12	3 52	0 40	2 53	1 46	26 53	9 33	8 52	8 21	18 37	8 40	1 21
F 23	23 20	19 0	4 26	20 53	0 22	22 37	0 26	14 5	3 28	18 38	0 50	22 22	0 12	3 53	0 40	2 54	1 46	26 53	9 33	8 56	8 22	18 37	8 40	1 20
S 24	23 16	18 33	3 50	20 34	0 39	22 46	0 24	14 6	3 30	18 34	0 50	22 21	0 12	3 53	0 40	2 54	1 46	26 52	9 33	9 0	8 23	18 38	8 40	1 20
S 25	23 12	17 17	3 3	20 17	0 58	22 54	0 21	14 7	3 32	18 30	0 50	22 20	0 12	3 53	0 40	2 54	1 46	26 52	9 33	9 3	8 25	18 38	8 39	1 20
M26	23 7	15 15	2 9	20 1	1 17	23 1	0 18	14 9	3 34	18 27	0 50	22 20	0 12	3 53	0 40	2 54	1 46	26 51	9 33	9 6	8 26	18 39	8 39	1 20
T 27	23 2	12 31	1 7	19 47	1 36	23 8	0 16	14 10	3 36	18 23	0 50	22 19	0 12	3 54	0 40	2 54	1 46	26 51	9 33	9 7	8 27	18 39	8 39	1 20
W28	22 56	9 12	0 2	19 35	1 54	23 14	0 13	14 12	3 38	18 19	0 50	22 18	0 12	3 54	0 40	2 54	1 46	26 50	9 33	9 7	8 28	18 40	8 39	1 20
T 29	22 50	5 26	1n 5	19 25	2 12	23 19	0 11	14 15	3 40	18 15	0 50	22 17	0 12	3 54	0 40	2 55	1 46	26 49	9 33	9 7	8 29	18 40	8 39	1 19
F 30	22 44	1 20	2 10	19 17	2 30	23 24	0 8	14 17	3 43	18 12	0 50	22 16	0 13	3 54	0 40	2 55	1 46	26 49	9 33	9 7	8 31	18 40	8 39	1 19
S 31	22s37	2s55	3n11	19s12	2n45	23s27	0n 6	14n20	3n45	18s 8	0s50	22s15	0s13	3s55	0n41	2n55	1s46	26s48	9s32	9n 6	8n32	18n41	8n39	1n19

Julian Day Number = 2104174.5, Delta T = 20m46s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°28'59, Lahiri = 10°35'59 Julian Calendar 1 Dec. 1048 == Greg. Calendar 7 Dec. 1048

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

JANUARY 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	7 4 58	16♉54'39	28♎19	19°R44	29♐45	1°R52	12♒ 2	20♉18	11♎25	11♈26	10♒41	6°R40	8♍10	27♊40	18♈53	S 1
M 2	7 8 54	17°55'44	12♏17	18♉29	1♉ 0	1♍48	12°16	20°25	11°25	11°26	10°42	6♍37	8° 7	27°46	18°54	M 2
T 3	7 12 51	18°56'48	26°41	17°12	2°15	1°43	12°30	20°32	11°25	11°27	10°44	6°33	8° 3	27°53	18°55	T 3
W 4	7 16 47	19°57'52	11♐29	15°56	3°30	1°38	12°44	20°39	11°26	11°28	10°46	6°26	8° 0	28° 0	18°55	W 4
T 5	7 20 44	20°58'55	26°33	14°43	4°45	1°32	12°58	20°46	11°26	11°28	10°47	6°19	7°57	28° 7	18°56	T 5
F 6	7 24 40	21°59'58	11♉46	13°35	6° 1	1°24	13°12	20°53	11°26	11°29	10°49	6°12	7°54	28°13	18°57	F 6
S 7	7 28 37	23° 1'00	26°56	12°33	7°16	1°16	13°26	21° 0	11°27	11°30	10°51	6° 6	7°51	28°20	18°57	S 7
S 8	7 32 34	24° 2'00	11♒54	11°39	8°31	1° 8	13°40	21° 8	11°27	11°31	10°52	6° 2	7°48	28°27	18°58	S 8
M 9	7 36 30	25° 3'00	26°31	10°52	9°46	0°58	13°54	21°15	11°R27	11°31	10°54	6° 0	7°44	28°33	18°59	M 9
T 10	7 40 27	26° 3'58	10♓41	10°15	11° 1	0°48	14° 8	21°22	11°27	11°32	10°56	5°D59	7°41	28°40	19° 0	T 10
W11	7 44 23	27° 4'55	24°24	9°46	12°16	0°36	14°22	21°29	11°27	11°33	10°57	6° 0	7°38	28°47	19° 1	W11
T 12	7 48 20	28° 5'50	7♈38	9°26	13°31	0°25	14°36	21°36	11°26	11°34	10°59	6° 2	7°35	28°54	19° 2	T 12
F 13	7 52 16	29° 6'44	20°29	9°14	14°47	0°12	14°50	21°43	11°26	11°35	11° 1	6° 3	7°32	29° 0	19° 3	F 13
S 14	7 56 13	0♒ 7'37	2♉58	9°D11	16° 2	29♏58	15° 4	21°50	11°26	11°36	11° 2	6°R 3	7°28	29° 7	19° 5	S 14
S 15	8 0 9	1° 8'28	15°11	9°15	17°17	29°44	15°19	21°58	11°26	11°37	11° 4	6° 2	7°25	29°14	19° 6	S 15
M16	8 4 6	2° 9'18	27°13	9°26	18°32	29°29	15°33	22° 5	11°25	11°38	11° 6	6° 0	7°22	29°20	19° 7	M16
T 17	8 8 2	3°10'06	9♊ 8	9°43	19°47	29°14	15°47	22°12	11°25	11°39	11° 8	5°55	7°19	29°27	19° 9	T 17
W18	8 11 59	4°10'53	20°59	10° 7	21° 2	28°57	16° 1	22°19	11°25	11°40	11° 9	5°50	7°16	29°34	19°10	W18
T 19	8 15 56	5°11'38	2♋50	10°36	22°17	28°40	16°16	22°26	11°24	11°41	11°11	5°44	7°13	29°41	19°11	T 19
F 20	8 19 52	6°12'22	14°44	11°10	23°32	28°23	16°30	22°33	11°24	11°42	11°13	5°39	7° 9	29°47	19°13	F 20
S 21	8 23 49	7°13'04	26°43	11°49	24°47	28° 4	16°44	22°40	11°23	11°43	11°15	5°34	7° 6	29°54	19°15	S 21
S 22	8 27 45	8°13'45	8♌48	12°32	26° 2	27°45	16°59	22°47	11°22	11°45	11°16	5°30	7° 3	0♋ 1	19°16	S 22
M23	8 31 42	9°14'24	21° 1	13°19	27°17	27°26	17°13	22°54	11°22	11°46	11°18	5°28	7° 0	0° 7	19°18	M23
T 24	8 35 38	10°15'02	3♍23	14°10	28°32	27° 6	17°27	23° 1	11°21	11°47	11°20	5°D27	6°57	0°14	19°20	T 24
W25	8 39 35	11°15'38	15°55	15° 4	29°47	26°45	17°42	23° 8	11°20	11°48	11°22	5°27	6°53	0°21	19°21	W25
T 26	8 43 31	12°16'13	28°40	16° 1	1♒ 2	26°24	17°56	23°15	11°19	11°50	11°23	5°28	6°50	0°27	19°23	T 26
F 27	8 47 28	13°16'47	11♎39	17° 1	2°17	26° 3	18°11	23°21	11°18	11°51	11°25	5°30	6°47	0°34	19°25	F 27
S 28	8 51 25	14°17'19	24°54	18° 4	3°32	25°41	18°25	23°28	11°17	11°52	11°27	5°31	6°44	0°41	19°27	S 28
S 29	8 55 21	15°17'50	8♏26	19° 9	4°47	25°19	18°39	23°35	11°16	11°54	11°29	5°32	6°41	0°48	19°29	S 29
M30	8 59 18	16°18'20	22°17	20°16	6° 2	24°56	18°54	23°42	11°15	11°55	11°30	5°R32	6°38	0°54	19°31	M30
T 31	9 3 14	17♒18'49	6♐27	21♉25	7♒17	24♌33	19♒ 8	23♉49	11♎14	11♈57	11♒32	5♍31	6♍34	1♋ 1	19♈33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22s29	7s10	4n 2	19s 9	2n59	23s30	0n 3	14n23	3n47	18s 4	0s50	22s14	0s13	3s55	0n41	2n55	1s46	26s48	9s32	9n 7	8n33	18n41	8n39	1n19
M 2	22 21	11 8	4 41	19 7	3 11	23 33	0 1	14 27	3 49	18 0	0 50	22 13	0 13	3 55	0 41	2 56	1 46	26 47	9 32	9 8	8 34	18 42	8 39	1 19
T 3	22 13	14 35	5 3	19 8	3 21	23 34	0s 2	14 30	3 51	17 56	0 50	22 12	0 13	3 55	0 41	2 56	1 46	26 47	9 32	9 9	8 35	18 42	8 39	1 19
W 4	22 4	17 12	5 7	19 10	3 28	23 35	0 4	14 34	3 53	17 52	0 50	22 11	0 13	3 55	0 41	2 56	1 46	26 46	9 32	9 12	8 37	18 43	8 39	1 19
T 5	21 55	18 42	4 49	19 14	3 32	23 35	0 7	14 38	3 55	17 48	0 50	22 10	0 13	3 55	0 41	2 57	1 46	26 46	9 32	9 14	8 38	18 43	8 40	1 18
F 6	21 45	18 52	4 11	19 19	3 34	23 35	0 9	14 43	3 57	17 44	0 50	22 9	0 13	3 55	0 41	2 57	1 45	26 45	9 32	9 17	8 39	18 43	8 40	1 18
S 7	21 35	17 41	3 15	19 25	3 34	23 34	0 12	14 48	3 59	17 40	0 50	22 8	0 13	3 55	0 41	2 57	1 45	26 45	9 32	9 19	8 40	18 44	8 40	1 18
S 8	21 25	15 17	2 7	19 32	3 32	23 31	0 14	14 53	4 1	17 36	0 50	22 7	0 13	3 55	0 41	2 58	1 45	26 44	9 32	9 21	8 41	18 44	8 40	1 18
M 9	21 14	11 56	0 51	19 40	3 28	23 29	0 17	14 58	4 3	17 32	0 50	22 5	0 13	3 55	0 41	2 58	1 45	26 44	9 32	9 22	8 43	18 44	8 40	1 18
T 10	21 3	7 59	0s26	19 48	3 22	23 25	0 19	15 3	4 5	17 28	0 50	22 4	0 13	3 55	0 41	2 58	1 45	26 43	9 32	9 22	8 44	18 45	8 41	1 18
W11	20 51	3 45	1 38	19 58	3 15	23 21	0 22	15 9	4 7	17 24	0 50	22 3	0 13	3 55	0 41	2 59	1 45	26 43	9 32	9 21	8 45	18 45	8 41	1 18
T 12	20 39	0n33	2 44	20 7	3 7	23 16	0 24	15 15	4 9	17 20	0 50	22 2	0 14	3 55	0 41	2 59	1 45	26 42	9 32	9 21	8 46	18 46	8 41	1 17
F 13	20 26	4 40	3 39	20 17	2 57	23 10	0 26	15 21	4 10	17 16	0 50	22 1	0 14	3 55	0 41	3 0	1 45	26 42	9 32	9 20	8 47	18 46	8 41	1 17
S 14	20 14	8 28	4 21	20 27	2 47	23 4	0 29	15 28	4 12	17 12	0 50	22 0	0 14	3 55	0 41	3 0	1 45	26 41	9 32	9 20	8 48	18 46	8 42	1 17
S 15	20 0	11 50	4 51	20 37	2 37	22 57	0 31	15 34	4 14	17 8	0 50	21 59	0 14	3 55	0 41	3 0	1 45	26 41	9 32	9 21	8 50	18 47	8 42	1 17
M16	19 47	14 38	5 8	20 47	2 26	22 49	0 33	15 41	4 15	17 3	0 50	21 58	0 14	3 55	0 41	3 1	1 45	26 40	9 32	9 22	8 51	18 47	8 42	1 17
T 17	19 33	16 48	5 11	20 57	2 15	22 41	0 36	15 48	4 17	16 59	0 50	21 57	0 14	3 55	0 41	3 1	1 45	26 40	9 32	9 23	8 52	18 47	8 43	1 17
W18	19 19	18 15	5 1	21 7	2 4	22 32	0 38	15 55	4 18	16 55	0 50	21 56	0 14	3 54	0 41	3 2	1 45	26 39	9 32	9 25	8 53	18 48	8 43	1 17
T 19	19 4	18 54	4 38	21 16	1 53	22 22	0 40	16 3	4 20	16 51	0 50	21 55	0 14	3 54	0 41	3 2	1 45	26 39	9 32	9 27	8 54	18 48	8 44	1 17
F 20	18 49	18 43	4 3	21 24	1 41	22 11	0 42	16 10	4 21	16 46	0 51	21 54	0 14	3 54	0 41	3 3	1 45	26 39	9 32	9 29	8 56	18 49	8 44	1 16
S 21	18 34	17 42	3 16	21 32	1 30	22 0	0 44	16 18	4 22	16 42	0 51	21 53	0 14	3 54	0 41	3 3	1 45	26 38	9 32	9 31	8 57	18 49	8 45	1 16
S 22	18 18	15 53	2 21	21 39	1 19	21 48	0 46	16 26	4 24	16 38	0 51	21 52	0 14	3 53	0 41	3 4	1 45	26 38	9 32	9 33	8 58	18 49	8 45	1 16
M23	18 2	13 20	1 19	21 46	1 8	21 36	0 48	16 34	4 25	16 33	0 51	21 50	0 14	3 53	0 41	3 4	1 45	26 37	9 32	9 33	8 59	18 50	8 46	1 16
T 24	17 46	10 8	0 11	21 51	0 57	21 23	0 50	16 42	4 26	16 29	0 51	21 49	0 14	3 53	0 41	3 5	1 44	26 37	9 32	9 34	9 0	18 50	8 46	1 16
W25	17 29	6 28	0n57	21 56	0 46	21 9	0 52	16 50	4 27	16 25	0 51	21 48	0 15	3 52	0 41	3 5	1 44	26 36	9 32	9 34	9 2	18 50	8 47	1 16
T 26	17 12	2 26	2 4	22 0	0 36	20 54	0 54	16 58	4 27	16 20	0 51	21 47	0 15	3 52	0 41	3 6	1 44	26 36	9 33	9 33	9 3	18 51	8 47	1 16
F 27	16 55	1s46	3 6	22 3	0 26	20 39	0 56	17 6	4 28	16 16	0 51	21 46	0 15	3 52	0 41	3 7	1 44	26 35	9 33	9 33	9 4	18 51	8 48	1 15
S 28	16 38	5 58	4 0	22 4	0 16	20 24	0 58	17 14	4 29	16 11	0 51	21 45	0 15	3 51	0 41	3 7	1 44	26 35	9 33	9 32	9 5	18 51	8 49	1 15
S 29	16 20	9 57	4 41	22 5	0 6	20 7	0 59	17 22	4 29	16 7	0 51	21 44	0 15	3 51	0 41	3 8	1 44	26 34	9 33	9 32	9 6	18 52	8 49	1 15
M30	16 2	13 29	5 7	22 5	0s 3	19 51	1 1	17 30	4 30	16 3	0 51	21 43	0 15	3 50	0 41	3 8	1 44	26 34	9 33	9 32	9 7	18 52	8 50	1 15
T 31	15s43	16s19	5n16	22s 3	0s13	19s33	1s 3	17n39	4n30	15s58	0s51	21s42	0s15	3s50	0n41	3n 9	1s44	26s33	9s33	9n32	9n 9	18n52	8n50	1n15

Julian Day Number = 2104205.5, Delta T = 20m46s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'03, Lahiri = 10°36'03 Julian Calendar 1 Jan. 1049 == Greg. Calendar 7 Jan. 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

FEBRUARY 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	9 7 11	18♒19'16	20♐54	22♑37	8♒32	24°R10	19♒23	23♑56	11°R13	11♈58	11♒34	5°R30	6♍31	1♋ 8	19♈35	W 1
T 2	9 11 7	19°19'42	5♑34	23°50	9°47	23♌46	19°37	24° 2	11♎12	12° 0	11°36	5♍28	6°28	1°14	19°37	T 2
F 3	9 15 4	20°20'06	20°22	25° 5	11° 2	23°23	19°52	24° 9	11°10	12° 1	11°37	5°26	6°25	1°21	19°40	F 3
S 4	9 19 0	21°20'29	5♒11	26°21	12°17	22°59	20° 6	24°16	11° 9	12° 3	11°39	5°24	6°22	1°28	19°42	S 4
S 5	9 22 57	22°20'50	19°53	27°39	13°32	22°35	20°21	24°22	11° 8	12° 4	11°41	5°23	6°19	1°35	19°44	S 5
M 6	9 26 54	23°21'09	4♓20	28°59	14°47	22°11	20°35	24°29	11° 6	12° 6	11°42	5°D22	6°15	1°41	19°47	M 6
T 7	9 30 50	24°21'26	18°29	0♒20	16° 2	21°47	20°50	24°35	11° 5	12° 8	11°44	5°23	6°12	1°48	19°49	T 7
W 8	9 34 47	25°21'41	2♈14	1°42	17°17	21°23	21° 4	24°42	11° 3	12° 9	11°46	5°23	6° 9	1°55	19°51	W 8
T 9	9 38 43	26°21'55	15°34	3° 6	18°32	21° 0	21°18	24°48	11° 2	12°11	11°48	5°24	6° 6	2° 1	19°54	T 9
F 10	9 42 40	27°22'06	28°30	4°31	19°47	20°36	21°33	24°55	11° 0	12°13	11°49	5°25	6° 3	2° 8	19°56	F 10
S 11	9 46 36	28°22'15	11♉ 6	5°58	21° 2	20°13	21°47	25° 1	10°59	12°14	11°51	5°26	5°59	2°15	19°59	S 11
S 12	9 50 33	29°22'22	23°24	7°25	22°16	19°50	22° 2	25° 7	10°57	12°16	11°53	5°26	5°56	2°22	20° 1	S 12
M13	9 54 29	0♓22'27	5♊28	8°54	23°31	19°27	22°16	25°14	10°55	12°18	11°54	5°R26	5°53	2°28	20° 4	M13
T 14	9 58 26	1°22'29	17°24	10°24	24°46	19° 5	22°30	25°20	10°53	12°20	11°56	5°26	5°50	2°35	20° 7	T 14
W15	10 2 23	2°22'30	29°15	11°55	26° 1	18°43	22°45	25°26	10°52	12°22	11°58	5°26	5°47	2°42	20°10	W15
T 16	10 6 19	3°22'28	11♋ 7	13°27	27°16	18°21	22°59	25°32	10°50	12°23	11°59	5°25	5°44	2°48	20°12	T 16
F 17	10 10 16	4°22'24	23° 3	15° 1	28°30	18° 0	23°13	25°39	10°48	12°25	12° 1	5°25	5°40	2°55	20°15	F 17
S 18	10 14 12	5°22'18	5♌ 6	16°35	29°45	17°39	23°28	25°45	10°46	12°27	12° 3	5°D25	5°37	3° 2	20°18	S 18
S 19	10 18 9	6°22'10	17°20	18°11	1♓ 0	17°19	23°42	25°51	10°44	12°29	12° 4	5°25	5°34	3° 9	20°21	S 19
M20	10 22 5	7°22'00	29°46	19°48	2°15	16°59	23°56	25°57	10°42	12°31	12° 6	5°R25	5°31	3°15	20°24	M20
T 21	10 26 2	8°21'48	12♍25	21°26	3°29	16°40	24°10	26° 3	10°40	12°33	12° 7	5°25	5°28	3°22	20°27	T 21
W22	10 29 58	9°21'33	25°19	23° 5	4°44	16°21	24°25	26° 8	10°38	12°35	12° 9	5°25	5°25	3°29	20°30	W22
T 23	10 33 55	10°21'17	8♎26	24°46	5°59	16° 3	24°39	26°14	10°36	12°37	12°11	5°25	5°21	3°35	20°33	T 23
F 24	10 37 52	11°20'59	21°47	26°28	7°14	15°46	24°53	26°20	10°34	12°39	12°12	5°24	5°18	3°42	20°36	F 24
S 25	10 41 48	12°20'38	5♏21	28°11	8°28	15°30	25° 7	26°26	10°32	12°41	12°14	5°23	5°15	3°49	20°39	S 25
S 26	10 45 45	13°20'17	19° 7	29°55	9°43	15°14	25°21	26°31	10°30	12°43	12°15	5°22	5°12	3°55	20°42	S 26
M27	10 49 41	14°19'53	3♐ 3	1♓40	10°57	14°58	25°35	26°37	10°27	12°45	12°17	5°22	5° 9	4° 2	20°45	M27
T 28	10 53 38	15♓19'28	17♐ 9	3♓27	12♓12	14♌44	25♒49	26♑43	10♎25	12♈47	12♒18	5°D22	5♍ 5	4♋ 9	20♈48	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15s25	18s11	5n 4	22s 0	0s21	19s15	1s 4	17n47	4n30	15s54	0s51	21s41	0s15	3s49	0n42	3n10	1s44	26s33	9s33	9n33	9n10	18n53	8n51	1n15
T 2	15 6	18 53	4 33	21 56	0 30	18 57	1 6	17 55	4 31	15 49	0 51	21 40	0 15	3 49	0 42	3 10	1 44	26 33	9 33	9 33	9 11	18 53	8 52	1 15
F 3	14 47	18 19	3 44	21 51	0 38	18 38	1 7	18 3	4 31	15 45	0 51	21 38	0 15	3 48	0 42	3 11	1 44	26 32	9 33	9 34	9 12	18 53	8 53	1 15
S 4	14 28	16 29	2 39	21 45	0 46	18 18	1 9	18 11	4 31	15 40	0 51	21 37	0 15	3 48	0 42	3 11	1 44	26 32	9 33	9 35	9 13	18 53	8 53	1 14
S 5	14 8	13 35	1 25	21 37	0 54	17 58	1 10	18 19	4 30	15 35	0 51	21 36	0 15	3 47	0 42	3 12	1 44	26 31	9 33	9 35	9 15	18 54	8 54	1 14
M 6	13 48	9 53	0 6	21 28	1 1	17 37	1 12	18 26	4 30	15 31	0 52	21 35	0 16	3 47	0 42	3 13	1 44	26 31	9 33	9 35	9 16	18 54	8 55	1 14
T 7	13 28	5 41	1s12	21 18	1 8	17 16	1 13	18 34	4 30	15 26	0 52	21 34	0 16	3 46	0 42	3 13	1 44	26 31	9 34	9 35	9 17	18 54	8 56	1 14
W 8	13 8	1 18	2 23	21 6	1 15	16 55	1 14	18 41	4 29	15 22	0 52	21 33	0 16	3 45	0 42	3 14	1 44	26 30	9 34	9 35	9 18	18 55	8 57	1 14
T 9	12 47	3n 0	3 25	20 53	1 21	16 32	1 15	18 48	4 29	15 17	0 52	21 32	0 16	3 45	0 42	3 15	1 44	26 30	9 34	9 35	9 19	18 55	8 57	1 14
F 10	12 27	7 3	4 14	20 38	1 27	16 10	1 16	18 55	4 28	15 13	0 52	21 31	0 16	3 44	0 42	3 16	1 44	26 29	9 34	9 34	9 20	18 55	8 58	1 14
S 11	12 6	10 39	4 49	20 23	1 33	15 47	1 17	19 2	4 27	15 8	0 52	21 30	0 16	3 43	0 42	3 16	1 44	26 29	9 34	9 34	9 22	18 55	8 59	1 14
S 12	11 45	13 42	5 10	20 6	1 38	15 24	1 18	19 9	4 26	15 3	0 52	21 29	0 16	3 43	0 42	3 17	1 44	26 29	9 34	9 34	9 23	18 56	9 0	1 13
M13	11 24	16 7	5 17	19 47	1 43	15 0	1 19	19 15	4 25	14 59	0 52	21 28	0 16	3 42	0 42	3 18	1 44	26 28	9 34	9 34	9 24	18 56	9 1	1 13
T 14	11 2	17 48	5 10	19 27	1 48	14 35	1 20	19 21	4 24	14 54	0 52	21 27	0 16	3 41	0 42	3 18	1 44	26 28	9 34	9 34	9 25	18 56	9 2	1 13
W15	10 41	18 43	4 50	19 6	1 52	14 11	1 21	19 27	4 23	14 50	0 52	21 26	0 16	3 41	0 42	3 19	1 44	26 28	9 34	9 34	9 26	18 57	9 3	1 13
T 16	10 19	18 48	4 18	18 43	1 56	13 46	1 22	19 33	4 21	14 45	0 52	21 25	0 16	3 40	0 42	3 20	1 44	26 27	9 35	9 34	9 27	18 57	9 4	1 13
F 17	9 57	18 4	3 34	18 19	1 59	13 20	1 22	19 38	4 20	14 40	0 52	21 23	0 16	3 39	0 42	3 21	1 43	26 27	9 35	9 34	9 29	18 57	9 5	1 13
S 18	9 35	16 29	2 40	17 53	2 2	12 55	1 23	19 43	4 19	14 36	0 53	21 22	0 17	3 38	0 42	3 21	1 43	26 26	9 35	9 34	9 30	18 57	9 5	1 13
S 19	9 13	14 9	1 39	17 26	2 5	12 29	1 24	19 48	4 17	14 31	0 53	21 21	0 17	3 38	0 42	3 22	1 43	26 26	9 35	9 34	9 31	18 58	9 6	1 13
M20	8 51	11 7	0 31	16 58	2 7	12 2	1 24	19 52	4 15	14 26	0 53	21 20	0 17	3 37	0 42	3 23	1 43	26 26	9 35	9 34	9 32	18 58	9 7	1 12
T 21	8 29	7 32	0n39	16 28	2 9	11 35	1 25	19 57	4 14	14 22	0 53	21 19	0 17	3 36	0 42	3 24	1 43	26 26	9 35	9 34	9 33	18 58	9 8	1 12
W22	8 6	3 32	1 48	15 56	2 10	11 8	1 25	20 1	4 12	14 17	0 53	21 18	0 17	3 35	0 42	3 25	1 43	26 25	9 36	9 34	9 34	18 58	9 10	1 12
T 23	7 43	0s43	2 53	15 24	2 11	10 41	1 25	20 4	4 10	14 12	0 53	21 17	0 17	3 34	0 42	3 25	1 43	26 25	9 36	9 35	9 36	18 59	9 11	1 12
F 24	7 21	4 59	3 50	14 49	2 12	10 13	1 26	20 8	4 8	14 8	0 53	21 16	0 17	3 34	0 42	3 26	1 43	26 25	9 36	9 35	9 37	18 59	9 12	1 12
S 25	6 58	9 3	4 35	14 14	2 12	9 46	1 26	20 11	4 6	14 3	0 53	21 15	0 17	3 33	0 42	3 27	1 43	26 24	9 36	9 35	9 38	18 59	9 13	1 12
S 26	6 35	12 42	5 4	13 37	2 12	9 17	1 26	20 14	4 4	13 58	0 53	21 14	0 17	3 32	0 42	3 28	1 43	26 24	9 36	9 35	9 39	18 59	9 14	1 12
M27	6 12	15 42	5 17	12 58	2 11	8 49	1 26	20 17	4 2	13 54	0 53	21 13	0 17	3 31	0 42	3 29	1 43	26 24	9 36	9 36	9 40	19 0	9 15	1 12
T 28	5s49	17s47	5n10	12s18	2s 9	8s20	1s26	20n19	4n 0	13s49	0s54	21s12	0s18	3s30	0n42	3n29	1s43	26s23	9s37	9n36	9n42	19n 0	9n16	1n12

Julian Day Number = 2104236.5, Delta T = 20m45s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'07, Lahiri = 10°36'08 Julian Calendar 1 Feb. 1049 == Greg. Calendar 7 Feb. 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

MARCH 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 57 34	16♓19'01	1♉23	5♓15	13♓27	14°R30	26♒ 3	26♉48	10°R23	12♈49	12♒20	5♍22	5♍ 2	4♋16	20♈51	W 1
T 2	11 1 31	17°18'32	15°42	7° 4	14°41	14♌17	26°17	26°53	10♎21	12°51	12°21	5°23	4°59	4°22	20°54	T 2
F 3	11 5 27	18°18'01	0♒ 3	8°54	15°56	14° 5	26°31	26°59	10°18	12°53	12°23	5°24	4°56	4°29	20°58	F 3
S 4	11 9 24	19°17'29	14°23	10°46	17°11	13°53	26°45	27° 4	10°16	12°55	12°24	5°25	4°53	4°36	21° 1	S 4
S 5	11 13 20	20°16'54	28°37	12°39	18°25	13°42	26°59	27° 9	10°14	12°57	12°26	5°R25	4°50	4°42	21° 4	S 5
M 6	11 17 17	21°16'18	12♓42	14°33	19°40	13°32	27°13	27°14	10°11	12°59	12°27	5°25	4°46	4°49	21° 8	M 6
T 7	11 21 14	22°15'39	26°33	16°29	20°54	13°23	27°27	27°20	10° 9	13° 2	12°29	5°24	4°43	4°56	21°11	T 7
W 8	11 25 10	23°14'59	10♈ 8	18°26	22° 9	13°15	27°41	27°25	10° 7	13° 4	12°30	5°23	4°40	5° 2	21°14	W 8
T 9	11 29 7	24°14'16	23°23	20°24	23°23	13° 7	27°54	27°30	10° 4	13° 6	12°31	5°20	4°37	5° 9	21°18	T 9
F 10	11 33 3	25°13'31	6♉19	22°23	24°38	13° 0	28° 8	27°35	10° 2	13° 8	12°33	5°17	4°34	5°16	21°21	F 10
S 11	11 37 0	26°12'43	18°55	24°23	25°52	12°54	28°21	27°39	9°59	13°10	12°34	5°14	4°30	5°23	21°24	S 11
S 12	11 40 56	27°11'54	1♊15	26°25	27° 7	12°49	28°35	27°44	9°57	13°12	12°35	5°11	4°27	5°29	21°28	S 12
M13	11 44 53	28°11'02	13°22	28°27	28°21	12°45	28°49	27°49	9°54	13°15	12°37	5° 9	4°24	5°36	21°31	M13
T 14	11 48 49	29°10'08	25°19	0♈30	29°36	12°41	29° 2	27°53	9°52	13°17	12°38	5°D 9	4°21	5°43	21°35	T 14
W15	11 52 46	0♈ 9'11	7♋11	2°34	0♈50	12°38	29°15	27°58	9°49	13°19	12°39	5° 9	4°18	5°49	21°38	W15
T 16	11 56 43	1° 8'12	19° 3	4°38	2° 4	12°36	29°29	28° 2	9°47	13°21	12°41	5°10	4°15	5°56	21°42	T 16
F 17	12 0 39	2° 7'11	1♌ 0	6°43	3°19	12°35	29°42	28° 7	9°44	13°24	12°42	5°11	4°11	6° 3	21°45	F 17
S 18	12 4 36	3° 6'07	13° 6	8°48	4°33	12°D34	29°55	28°11	9°42	13°26	12°43	5°13	4° 8	6°10	21°49	S 18
S 19	12 8 32	4° 5'01	25°26	10°52	5°47	12°34	0♓ 9	28°15	9°39	13°28	12°44	5°14	4° 5	6°16	21°53	S 19
M20	12 12 29	5° 3'53	8♍ 2	12°57	7° 2	12°35	0°22	28°20	9°36	13°30	12°46	5°R15	4° 2	6°23	21°56	M20
T 21	12 16 25	6° 2'43	20°56	15° 0	8°16	12°37	0°35	28°24	9°34	13°32	12°47	5°14	3°59	6°30	22° 0	T 21
W22	12 20 22	7° 1'30	4♎10	17° 2	9°30	12°39	0°48	28°28	9°31	13°35	12°48	5°11	3°56	6°36	22° 3	W22
T 23	12 24 18	8° 0'16	17°43	19° 3	10°45	12°42	1° 1	28°32	9°29	13°37	12°49	5° 7	3°52	6°43	22° 7	T 23
F 24	12 28 15	8°58'59	1♏31	21° 2	11°59	12°46	1°14	28°35	9°26	13°39	12°50	5° 2	3°49	6°50	22°11	F 24
S 25	12 32 11	9°57'41	15°32	22°59	13°13	12°50	1°27	28°39	9°24	13°41	12°51	4°57	3°46	6°56	22°14	S 25
S 26	12 36 8	10°56'20	29°42	24°54	14°27	12°55	1°39	28°43	9°21	13°44	12°52	4°52	3°43	7° 3	22°18	S 26
M27	12 40 5	11°54'59	13♐56	26°45	15°41	13° 1	1°52	28°47	9°19	13°46	12°53	4°48	3°40	7°10	22°22	M27
T 28	12 44 1	12°53'35	28°11	28°34	16°56	13° 7	2° 5	28°50	9°16	13°48	12°54	4°45	3°36	7°17	22°25	T 28
W29	12 47 58	13°52'10	12♑24	0♉19	18°10	13°14	2°17	28°53	9°13	13°51	12°55	4°D44	3°33	7°23	22°29	W29
T 30	12 51 54	14°50'43	26°33	2° 1	19°24	13°22	2°30	28°57	9°11	13°53	12°56	4°45	3°30	7°30	22°33	T 30
F 31	12 55 51	15♈49'14	10♒35	3♉38	20♈38	13♌30	2♓42	29♑ 0	9♎ 8	13♈55	12♒57	4♍46	3♍27	7♋37	22♈37	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	5s26	18s48	4n45	11s37	2s 8	7s52	1s26	20n21	3n58	13s44	0s54	21s11	0s18	3s29	0n42	3n30	1s43	26s23	9s37	9n35	9n43	19n 0	9n17	1n11
T 2	5 2	18 38	4 2	10 54	2 5	7 22	1 26	20 23	3 55	13 40	0 54	21 10	0 18	3 28	0 42	3 31	1 43	26 23	9 37	9 35	9 44	19 0	9 18	1 11
F 3	4 39	17 15	3 4	10 10	2 2	6 53	1 25	20 24	3 53	13 35	0 54	21 10	0 18	3 27	0 42	3 32	1 43	26 23	9 37	9 35	9 45	19 0	9 19	1 11
S 4	4 16	14 47	1 54	9 24	1 59	6 24	1 25	20 25	3 51	13 30	0 54	21 9	0 18	3 26	0 42	3 33	1 43	26 22	9 37	9 34	9 46	19 1	9 20	1 11
S 5	3 52	11 26	0 38	8 37	1 55	5 54	1 25	20 26	3 48	13 26	0 54	21 8	0 18	3 25	0 42	3 34	1 43	26 22	9 38	9 34	9 47	19 1	9 22	1 11
M 6	3 29	7 27	0s40	7 49	1 51	5 24	1 24	20 27	3 46	13 21	0 54	21 7	0 18	3 25	0 42	3 34	1 43	26 22	9 38	9 34	9 49	19 1	9 23	1 11
T 7	3 5	3 7	1 54	6 59	1 46	4 55	1 24	20 27	3 44	13 16	0 54	21 6	0 18	3 24	0 42	3 35	1 43	26 22	9 38	9 35	9 50	19 1	9 24	1 11
W 8	2 42	1n16	3 0	6 8	1 41	4 25	1 24	20 27	3 41	13 12	0 54	21 5	0 18	3 23	0 42	3 36	1 43	26 22	9 38	9 35	9 51	19 1	9 25	1 11
T 9	2 18	5 30	3 55	5 16	1 35	3 54	1 23	20 27	3 39	13 7	0 55	21 4	0 18	3 22	0 42	3 37	1 43	26 21	9 38	9 36	9 52	19 2	9 26	1 11
F 10	1 54	9 21	4 36	4 23	1 28	3 24	1 22	20 27	3 36	13 2	0 55	21 3	0 18	3 21	0 42	3 38	1 43	26 21	9 39	9 37	9 53	19 2	9 27	1 11
S 11	1 31	12 41	5 2	3 29	1 21	2 54	1 22	20 26	3 34	12 58	0 55	21 2	0 19	3 20	0 42	3 39	1 43	26 21	9 39	9 38	9 54	19 2	9 29	1 11
S 12	1 7	15 23	5 14	2 33	1 13	2 23	1 21	20 26	3 32	12 53	0 55	21 1	0 19	3 19	0 42	3 40	1 43	26 21	9 39	9 39	9 56	19 2	9 30	1 10
M13	0 44	17 22	5 12	1 37	1 5	1 53	1 20	20 25	3 29	12 48	0 55	21 1	0 19	3 18	0 42	3 40	1 43	26 21	9 39	9 40	9 57	19 2	9 31	1 10
T 14	0 20	18 33	4 56	0 40	0 57	1 22	1 19	20 23	3 27	12 44	0 55	21 0	0 19	3 17	0 42	3 41	1 43	26 20	9 40	9 40	9 58	19 3	9 32	1 10
W15	0n 4	18 55	4 27	0n18	0 48	0 52	1 18	20 22	3 24	12 39	0 55	20 59	0 19	3 16	0 42	3 42	1 43	26 20	9 40	9 40	9 59	19 3	9 34	1 10
T 16	0 27	18 27	3 47	1 16	0 38	0 21	1 17	20 20	3 22	12 35	0 56	20 58	0 19	3 15	0 42	3 43	1 43	26 20	9 40	9 40	10 0	19 3	9 35	1 10
F 17	0 51	17 9	2 57	2 15	0 28	0n10	1 16	20 18	3 19	12 30	0 56	20 57	0 19	3 14	0 42	3 44	1 43	26 20	9 40	9 39	10 1	19 3	9 36	1 10
S 18	1 14	15 4	1 59	3 14	0 18	0 40	1 15	20 16	3 17	12 26	0 56	20 57	0 19	3 13	0 42	3 45	1 43	26 20	9 41	9 39	10 2	19 3	9 37	1 10
S 19	1 38	12 16	0 54	4 13	0 7	1 11	1 14	20 13	3 14	12 21	0 56	20 56	0 19	3 12	0 42	3 46	1 43	26 20	9 41	9 38	10 4	19 3	9 39	1 10
M20	2 1	8 50	0n15	5 11	0n 4	1 41	1 13	20 11	3 12	12 17	0 56	20 55	0 20	3 11	0 42	3 47	1 43	26 20	9 41	9 38	10 5	19 4	9 40	1 10
T 21	2 25	4 54	1 25	6 10	0 15	2 12	1 11	20 8	3 9	12 12	0 56	20 54	0 20	3 10	0 42	3 47	1 43	26 19	9 41	9 38	10 6	19 4	9 41	1 10
W22	2 48	0 39	2 32	7 8	0 26	2 43	1 10	20 5	3 7	12 7	0 56	20 54	0 20	3 9	0 42	3 48	1 43	26 19	9 42	9 39	10 7	19 4	9 42	1 10
T 23	3 11	3s44	3 31	8 4	0 37	3 13	1 9	20 2	3 5	12 3	0 57	20 53	0 20	3 8	0 42	3 49	1 43	26 19	9 42	9 41	10 8	19 4	9 44	1 9
F 24	3 35	8 0	4 20	9 0	0 49	3 44	1 7	19 58	3 2	11 59	0 57	20 52	0 20	3 7	0 42	3 50	1 43	26 19	9 42	9 43	10 9	19 4	9 45	1 9
S 25	3 58	11 54	4 53	9 54	1 0	4 14	1 6	19 55	3 0	11 54	0 57	20 52	0 20	3 6	0 42	3 51	1 43	26 19	9 42	9 45	10 11	19 4	9 46	1 9
S 26	4 21	15 9	5 10	10 47	1 11	4 44	1 4	19 51	2 57	11 50	0 57	20 51	0 20	3 5	0 42	3 52	1 43	26 19	9 43	9 47	10 12	19 5	9 48	1 9
M27	4 44	17 30	5 7	11 38	1 22	5 15	1 3	19 47	2 55	11 45	0 57	20 50	0 20	3 4	0 42	3 53	1 43	26 19	9 43	9 48	10 13	19 5	9 49	1 9
T 28	5 7	18 47	4 45	12 27	1 32	5 45	1 1	19 43	2 53	11 41	0 57	20 50	0 20	3 3	0 42	3 54	1 43	26 19	9 43	9 49	10 14	19 5	9 50	1 9
W29	5 30	18 53	4 6	13 14	1 42	6 15	0 59	19 39	2 50	11 36	0 58	20 49	0 20	3 2	0 42	3 55	1 43	26 19	9 43	9 49	10 15	19 5	9 52	1 9
T 30	5 53	17 48	3 13	13 59	1 52	6 44	0 58	19 34	2 48	11 32	0 58	20 49	0 21	3 1	0 42	3 55	1 43	26 19	9 44	9 49	10 16	19 5	9 53	1 9
F 31	6n15	15s37	2n 8	14n41	2n 1	7n14	0s56	19n30	2n46	11s28	0s58	20s48	0s21	3s 0	0n42	3n56	1s43	26s19	9s44	9n49	10n18	19n 5	9n54	1n 9

Julian Day Number = 2104264.5, Delta T = 20m45s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'11, Lahiri = 10°36'11 Julian Calendar 1 March 1049 == Greg. Calendar 7 March 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

APRIL 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 59 47	16♈47'44	24♒31	5♉12	21♈52	13♌39	2♓55	29♑ 3	9°R 6	13♈57	12♒58	4♍47	3♍24	7♋43	22♈40	S 1
S 2	13 3 44	17°46'12	8♓18	6°41	23° 6	13°49	3° 7	29° 6	9♎ 3	14° 0	12°59	4°R47	3°21	7°50	22°44	S 2
M 3	13 7 40	18°44'38	21°56	8° 6	24°20	13°59	3°19	29° 9	9° 1	14° 2	13° 0	4°46	3°17	7°57	22°48	M 3
T 4	13 11 37	19°43'02	5♈23	9°27	25°34	14° 9	3°31	29°12	8°58	14° 4	13° 1	4°43	3°14	8° 3	22°51	T 4
W 5	13 15 34	20°41'25	18°37	10°43	26°48	14°21	3°43	29°15	8°56	14° 6	13° 2	4°37	3°11	8°10	22°55	W 5
T 6	13 19 30	21°39'46	1♉38	11°54	28° 2	14°32	3°55	29°18	8°53	14° 9	13° 3	4°30	3° 8	8°17	22°59	T 6
F 7	13 23 27	22°38'05	14°23	13° 0	29°16	14°45	4° 7	29°21	8°51	14°11	13° 3	4°21	3° 5	8°23	23° 3	F 7
S 8	13 27 23	23°36'22	26°54	14° 1	0♉30	14°57	4°19	29°23	8°48	14°13	13° 4	4°12	3° 1	8°30	23° 6	S 8
S 9	13 31 20	24°34'37	9♊11	14°57	1°44	15°11	4°31	29°26	8°46	14°15	13° 5	4° 4	2°58	8°37	23°10	S 9
M10	13 35 16	25°32'50	21°16	15°48	2°58	15°25	4°42	29°28	8°43	14°18	13° 6	3°57	2°55	8°44	23°14	M10
T 11	13 39 13	26°31'01	3♋12	16°34	4°12	15°39	4°54	29°30	8°41	14°20	13° 6	3°52	2°52	8°50	23°18	T 11
W12	13 43 9	27°29'10	15° 3	17°14	5°26	15°54	5° 5	29°32	8°38	14°22	13° 7	3°49	2°49	8°57	23°21	W12
T 13	13 47 6	28°27'17	26°54	17°49	6°40	16° 9	5°17	29°35	8°36	14°24	13° 8	3°D48	2°46	9° 4	23°25	T 13
F 14	13 51 3	29°25'22	8♌50	18°19	7°54	16°25	5°28	29°37	8°34	14°26	13° 8	3°49	2°42	9°10	23°29	F 14
S 15	13 54 59	0♉23'25	20°57	18°44	9° 8	16°42	5°39	29°38	8°31	14°29	13° 9	3°50	2°39	9°17	23°32	S 15
S 16	13 58 56	1°21'26	3♍18	19° 3	10°22	16°58	5°50	29°40	8°29	14°31	13° 9	3°R50	2°36	9°24	23°36	S 16
M17	14 2 52	2°19'25	15°58	19°17	11°36	17°15	6° 1	29°42	8°27	14°33	13°10	3°49	2°33	9°30	23°40	M17
T 18	14 6 49	3°17'23	29° 2	19°26	12°49	17°33	6°12	29°44	8°25	14°35	13°11	3°47	2°30	9°37	23°44	T 18
W19	14 10 45	4°15'18	12♎30	19°R30	14° 3	17°51	6°23	29°45	8°22	14°37	13°11	3°42	2°27	9°44	23°47	W19
T 20	14 14 42	5°13'12	26°22	19°28	15°17	18°10	6°33	29°47	8°20	14°40	13°12	3°34	2°23	9°51	23°51	T 20
F 21	14 18 38	6°11'04	10♏35	19°22	16°31	18°28	6°44	29°48	8°18	14°42	13°12	3°25	2°20	9°57	23°55	F 21
S 22	14 22 35	7° 8'55	25° 3	19°11	17°44	18°48	6°54	29°49	8°16	14°44	13°12	3°16	2°17	10° 4	23°58	S 22
S 23	14 26 32	8° 6'44	9♐41	18°55	18°58	19° 7	7° 5	29°50	8°14	14°46	13°13	3° 6	2°14	10°11	24° 2	S 23
M24	14 30 28	9° 4'32	24°20	18°36	20°12	19°27	7°15	29°51	8°12	14°48	13°13	2°58	2°11	10°17	24° 6	M24
T 25	14 34 25	10° 2'19	8♑53	18°13	21°25	19°48	7°25	29°52	8°10	14°50	13°14	2°53	2° 7	10°24	24° 9	T 25
W26	14 38 21	11° 0'04	23°17	17°47	22°39	20° 9	7°35	29°53	8° 7	14°52	13°14	2°49	2° 4	10°31	24°13	W26
T 27	14 42 18	11°57'49	7♒27	17°17	23°53	20°30	7°45	29°54	8° 5	14°54	13°14	2°D48	2° 1	10°37	24°16	T 27
F 28	14 46 14	12°55'32	21°24	16°46	25° 6	20°51	7°55	29°55	8° 4	14°56	13°14	2°48	1°58	10°44	24°20	F 28
S 29	14 50 11	13°53'14	5♓ 5	16°13	26°20	21°13	8° 5	29°55	8° 2	14°58	13°15	2°R48	1°55	10°51	24°24	S 29
S 30	14 54 7	14♉50'55	18♓34	15♉39	27♉34	21♌35	8♓14	29♑56	8♎ 0	15♈ 0	13♒15	2♍47	1♍52	10♋57	24♈27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	6n38	12s33	0n56	15n21	2n 9	7n44	0s54	19n25	2n43	11s23	0s58	20s47	0s21	2s59	0n42	3n57	1s43	26s19	9s44	9n48	10n19	19n 5	9n56	1n 9
S 2	7 0	8 48	0s19	15 58	2 17	8 13	0 52	19 20	2 41	11 19	0 58	20 47	0 21	2 58	0 42	3 58	1 43	26 19	9 45	9 48	10 20	19 5	9 57	1 9
M 3	7 23	4 37	1 31	16 33	2 24	8 42	0 50	19 15	2 39	11 15	0 58	20 46	0 21	2 57	0 42	3 59	1 43	26 19	9 45	9 49	10 21	19 6	9 58	1 9
T 4	7 45	0 16	2 38	17 5	2 30	9 11	0 48	19 10	2 37	11 11	0 59	20 46	0 21	2 56	0 42	4 0	1 43	26 19	9 45	9 50	10 22	19 6	9 59	1 9
W 5	8 7	4n 2	3 34	17 34	2 36	9 40	0 46	19 4	2 34	11 6	0 59	20 45	0 21	2 55	0 42	4 1	1 43	26 19	9 45	9 52	10 23	19 6	10 1	1 8
T 6	8 29	8 3	4 18	18 1	2 40	10 8	0 44	18 59	2 32	11 2	0 59	20 45	0 21	2 54	0 42	4 2	1 43	26 19	9 46	9 55	10 24	19 6	10 2	1 8
F 7	8 51	11 38	4 49	18 25	2 44	10 37	0 42	18 53	2 30	10 58	0 59	20 45	0 22	2 53	0 42	4 2	1 43	26 19	9 46	9 58	10 26	19 6	10 3	1 8
S 8	9 13	14 37	5 4	18 46	2 46	11 5	0 40	18 47	2 28	10 54	0 59	20 44	0 22	2 52	0 42	4 3	1 43	26 19	9 46	10 1	10 27	19 6	10 5	1 8
S 9	9 34	16 54	5 6	19 4	2 48	11 33	0 38	18 41	2 26	10 50	1 0	20 44	0 22	2 51	0 42	4 4	1 43	26 19	9 47	10 4	10 28	19 6	10 6	1 8
M10	9 56	18 24	4 53	19 20	2 48	12 0	0 36	18 35	2 24	10 46	1 0	20 43	0 22	2 50	0 42	4 5	1 43	26 19	9 47	10 7	10 29	19 6	10 7	1 8
T 11	10 17	19 3	4 28	19 33	2 48	12 27	0 34	18 28	2 21	10 42	1 0	20 43	0 22	2 49	0 42	4 6	1 43	26 19	9 47	10 8	10 30	19 6	10 9	1 8
W12	10 38	18 52	3 51	19 43	2 46	12 54	0 32	18 22	2 19	10 38	1 0	20 43	0 22	2 48	0 42	4 7	1 43	26 19	9 47	10 9	10 31	19 6	10 10	1 8
T 13	10 59	17 51	3 5	19 51	2 44	13 21	0 29	18 15	2 17	10 34	1 0	20 42	0 22	2 47	0 42	4 7	1 43	26 19	9 48	10 10	10 33	19 6	10 11	1 8
F 14	11 19	16 3	2 10	19 56	2 40	13 47	0 27	18 9	2 15	10 30	1 1	20 42	0 22	2 46	0 42	4 8	1 43	26 19	9 48	10 10	10 34	19 7	10 13	1 8
S 15	11 40	13 30	1 9	19 58	2 35	14 13	0 25	18 2	2 13	10 26	1 1	20 42	0 22	2 45	0 42	4 9	1 43	26 20	9 48	10 9	10 35	19 7	10 14	1 8
S 16	12 0	10 18	0 3	19 57	2 29	14 39	0 22	17 55	2 11	10 22	1 1	20 41	0 23	2 44	0 42	4 10	1 43	26 20	9 49	10 9	10 36	19 7	10 15	1 8
M17	12 20	6 33	1n 5	19 54	2 21	15 4	0 20	17 48	2 9	10 18	1 1	20 41	0 23	2 44	0 42	4 11	1 43	26 20	9 49	10 9	10 37	19 7	10 17	1 8
T 18	12 40	2 23	2 11	19 48	2 13	15 29	0 18	17 40	2 7	10 14	1 1	20 41	0 23	2 43	0 42	4 12	1 43	26 20	9 49	10 10	10 38	19 7	10 18	1 8
W19	13 0	2s 2	3 11	19 40	2 3	15 53	0 15	17 33	2 5	10 10	1 2	20 41	0 23	2 42	0 42	4 12	1 43	26 20	9 50	10 12	10 39	19 7	10 19	1 8
T 20	13 20	6 28	4 2	19 29	1 52	16 18	0 13	17 25	2 4	10 6	1 2	20 41	0 23	2 41	0 42	4 13	1 43	26 20	9 50	10 15	10 41	19 7	10 21	1 8
F 21	13 39	10 38	4 40	19 16	1 40	16 41	0 11	17 18	2 2	10 3	1 2	20 40	0 23	2 40	0 42	4 14	1 43	26 20	9 50	10 18	10 42	19 7	10 22	1 7
S 22	13 58	14 16	5 0	19 0	1 27	17 5	0 8	17 10	2 0	9 59	1 2	20 40	0 23	2 39	0 42	4 15	1 43	26 21	9 50	10 22	10 43	19 7	10 23	1 7
S 23	14 17	17 3	5 1	18 43	1 13	17 27	0 6	17 2	1 58	9 55	1 2	20 40	0 23	2 38	0 42	4 16	1 43	26 21	9 51	10 25	10 44	19 7	10 25	1 7
M24	14 36	18 44	4 43	18 23	0 59	17 50	0 3	16 54	1 56	9 52	1 3	20 40	0 24	2 38	0 42	4 16	1 43	26 21	9 51	10 28	10 45	19 7	10 26	1 7
T 25	14 54	19 10	4 6	18 2	0 43	18 12	0 1	16 45	1 54	9 48	1 3	20 40	0 24	2 37	0 42	4 17	1 43	26 21	9 51	10 30	10 46	19 7	10 27	1 7
W26	15 12	18 21	3 14	17 39	0 27	18 33	0n 2	16 37	1 52	9 44	1 3	20 40	0 24	2 36	0 42	4 18	1 43	26 21	9 52	10 31	10 47	19 7	10 29	1 7
T 27	15 30	16 24	2 10	17 15	0 10	18 54	0 4	16 29	1 51	9 41	1 3	20 40	0 24	2 35	0 42	4 19	1 43	26 21	9 52	10 32	10 49	19 7	10 30	1 7
F 28	15 48	13 29	1 0	16 49	0s 7	19 15	0 6	16 20	1 49	9 37	1 4	20 40	0 24	2 35	0 42	4 20	1 43	26 22	9 52	10 32	10 50	19 7	10 31	1 7
S 29	16 5	9 53	0s12	16 23	0 24	19 35	0 9	16 11	1 47	9 34	1 4	20 40	0 24	2 34	0 42	4 20	1 43	26 22	9 53	10 32	10 51	19 7	10 32	1 7
S 30	16n22	5s49	1s23	15n57	0s42	19n54	0n11	16n 3	1n45	9s31	1s 4	20s40	0s24	2s33	0n42	4n21	1s43	26s22	9s53	10n32	10n52	19n 7	10n34	1n 7

Julian Day Number = 2104295.5, Delta T = 20m45s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'15, Lahiri = 10°36'16 Julian Calendar 1 Apr. 1049 == Greg. Calendar 7 Apr. 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

MAY 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 58 4	15♉48'35	1♈50	15°R 4	28♉47	21♌58	8♓24	29♑56	7°R58	15♈ 2	13♒15	2°R44	1♍48	11♋ 4	24♈31	M 1
T 2	15 2 1	16°46'13	14°54	14♉30	0♊ 1	22°20	8°33	29°56	7♎56	15° 4	13°15	2♍39	1°45	11°11	24°34	T 2
W 3	15 5 57	17°43'51	27°47	13°56	1°14	22°44	8°42	29°57	7°54	15° 6	13°15	2°30	1°42	11°18	24°38	W 3
T 4	15 9 54	18°41'28	10♉29	13°24	2°28	23° 7	8°51	29°R57	7°52	15° 8	13°16	2°19	1°39	11°24	24°41	T 4
F 5	15 13 50	19°39'03	23° 0	12°53	3°41	23°31	9° 0	29°57	7°51	15°10	13°16	2° 7	1°36	11°31	24°45	F 5
S 6	15 17 47	20°36'37	5♊19	12°25	4°55	23°55	9° 9	29°56	7°49	15°12	13°16	1°53	1°33	11°38	24°48	S 6
S 7	15 21 43	21°34'10	17°28	11°59	6° 9	24°19	9°18	29°56	7°47	15°14	13°16	1°41	1°29	11°44	24°52	S 7
M 8	15 25 40	22°31'42	29°29	11°37	7°22	24°44	9°26	29°56	7°46	15°16	13°R16	1°30	1°26	11°51	24°55	M 8
T 9	15 29 36	23°29'12	11♋22	11°18	8°35	25° 9	9°35	29°55	7°44	15°18	13°16	1°21	1°23	11°58	24°58	T 9
W10	15 33 33	24°26'41	23°11	11° 2	9°49	25°34	9°43	29°55	7°43	15°20	13°16	1°16	1°20	12° 4	25° 2	W10
T 11	15 37 30	25°24'09	5♌ 0	10°51	11° 2	26° 0	9°51	29°54	7°41	15°22	13°16	1°12	1°17	12°11	25° 5	T 11
F 12	15 41 26	26°21'35	16°55	10°44	12°16	26°25	9°59	29°54	7°40	15°23	13°16	1°11	1°13	12°18	25° 8	F 12
S 13	15 45 23	27°19'00	28°59	10°D42	13°29	26°51	10° 7	29°53	7°39	15°25	13°16	1°11	1°10	12°24	25°12	S 13
S 14	15 49 19	28°16'24	11♍18	10°44	14°43	27°18	10°15	29°52	7°37	15°27	13°15	1°11	1° 7	12°31	25°15	S 14
M15	15 53 16	29°13'47	23°58	10°50	15°56	27°44	10°23	29°51	7°36	15°29	13°15	1° 9	1° 4	12°38	25°18	M15
T 16	15 57 12	0♊11'08	7♎ 3	11° 1	17° 9	28°11	10°30	29°50	7°35	15°31	13°15	1° 6	1° 1	12°45	25°21	T 16
W17	16 1 9	1° 8'29	20°36	11°16	18°23	28°38	10°37	29°49	7°33	15°32	13°15	1° 0	0°58	12°51	25°25	W17
T 18	16 5 5	2° 5'48	4♏37	11°36	19°36	29° 5	10°45	29°47	7°32	15°34	13°15	0°52	0°54	12°58	25°28	T 18
F 19	16 9 2	3° 3'07	19° 4	12° 0	20°49	29°33	10°52	29°46	7°31	15°36	13°14	0°42	0°51	13° 5	25°31	F 19
S 20	16 12 59	4° 0'24	3♐52	12°29	22° 2	0♍ 1	10°58	29°45	7°30	15°37	13°14	0°31	0°48	13°11	25°34	S 20
S 21	16 16 55	4°57'41	18°51	13° 2	23°16	0°29	11° 5	29°43	7°29	15°39	13°14	0°20	0°45	13°18	25°37	S 21
M22	16 20 52	5°54'57	3♑53	13°39	24°29	0°57	11°12	29°41	7°28	15°41	13°14	0°11	0°42	13°25	25°40	M22
T 23	16 24 48	6°52'13	18°48	14°20	25°42	1°25	11°18	29°40	7°27	15°42	13°13	0° 4	0°39	13°31	25°43	T 23
W24	16 28 45	7°49'28	3♒29	15° 5	26°55	1°54	11°24	29°38	7°26	15°44	13°13	0° 0	0°35	13°38	25°46	W24
T 25	16 32 41	8°46'43	17°51	15°54	28° 8	2°23	11°31	29°36	7°26	15°45	13°12	29♌59	0°32	13°45	25°49	T 25
F 26	16 36 38	9°43'57	1♓52	16°47	29°22	2°52	11°37	29°34	7°25	15°47	13°12	29°58	0°29	13°51	25°52	F 26
S 27	16 40 34	10°41'11	15°32	17°44	0♋35	3°21	11°42	29°32	7°24	15°48	13°12	29°58	0°26	13°58	25°55	S 27
S 28	16 44 31	11°38'25	28°52	18°45	1°48	3°50	11°48	29°30	7°23	15°50	13°11	29°57	0°23	14° 5	25°58	S 28
M29	16 48 28	12°35'39	11♈55	19°49	3° 1	4°20	11°53	29°27	7°23	15°51	13°11	29°54	0°19	14°11	26° 1	M29
T 30	16 52 24	13°32'52	24°44	20°57	4°14	4°50	11°59	29°25	7°22	15°53	13°10	29°49	0°16	14°18	26° 4	T 30
W31	16 56 21	14♊30'05	7♉21	22♉ 8	5♋27	5♍20	12♓ 4	29♑23	7♎22	15♈54	13♒10	29♌41	0♍13	14♋25	26♈ 6	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	16n39	1s31	2s27	15n30	0s59	20n13	0n14	15n54	1n44	9s27	1s 4	20s40	0s24	2s32	0n42	4n22	1s43	26s22	9s53	10n33	10n53	19n 7	10n35	1n 7
T 2	16 56	2n46	3 23	15 3	1 16	20 31	0 16	15 45	1 42	9 24	1 4	20 40	0 25	2 32	0 41	4 23	1 43	26 23	9 54	10 35	10 54	19 7	10 36	1 7
W 3	17 12	6 53	4 8	14 37	1 33	20 49	0 19	15 35	1 40	9 21	1 5	20 40	0 25	2 31	0 41	4 23	1 43	26 23	9 54	10 38	10 55	19 7	10 37	1 7
T 4	17 28	10 37	4 39	14 12	1 49	21 6	0 21	15 26	1 39	9 18	1 5	20 40	0 25	2 30	0 41	4 24	1 44	26 23	9 54	10 42	10 57	19 7	10 39	1 7
F 5	17 44	13 50	4 57	13 48	2 5	21 23	0 24	15 17	1 37	9 14	1 5	20 40	0 25	2 30	0 41	4 25	1 44	26 23	9 55	10 47	10 58	19 7	10 40	1 7
S 6	18 0	16 23	5 0	13 26	2 19	21 39	0 26	15 7	1 35	9 11	1 5	20 40	0 25	2 29	0 41	4 26	1 44	26 24	9 55	10 51	10 59	19 7	10 41	1 7
S 7	18 15	18 10	4 49	13 5	2 33	21 55	0 28	14 57	1 34	9 8	1 6	20 41	0 25	2 28	0 41	4 26	1 44	26 24	9 55	10 56	11 0	19 7	10 42	1 7
M 8	18 30	19 7	4 26	12 46	2 46	22 9	0 31	14 47	1 32	9 5	1 6	20 41	0 25	2 28	0 41	4 27	1 44	26 24	9 56	11 0	11 1	19 7	10 44	1 7
T 9	18 44	19 14	3 51	12 29	2 58	22 24	0 33	14 38	1 31	9 2	1 6	20 41	0 25	2 27	0 41	4 28	1 44	26 25	9 56	11 3	11 2	19 7	10 45	1 7
W10	18 59	18 29	3 7	12 14	3 8	22 37	0 36	14 27	1 29	8 59	1 6	20 41	0 25	2 27	0 41	4 28	1 44	26 25	9 56	11 5	11 3	19 7	10 46	1 7
T 11	19 13	16 57	2 14	12 2	3 18	22 50	0 38	14 17	1 27	8 56	1 7	20 41	0 26	2 26	0 41	4 29	1 44	26 25	9 56	11 6	11 4	19 7	10 47	1 7
F 12	19 26	14 39	1 15	11 52	3 26	23 3	0 40	14 7	1 26	8 54	1 7	20 42	0 26	2 26	0 41	4 30	1 44	26 26	9 57	11 6	11 6	19 7	10 49	1 7
S 13	19 40	11 42	0 12	11 44	3 33	23 14	0 43	13 57	1 24	8 51	1 7	20 42	0 26	2 25	0 41	4 30	1 44	26 26	9 57	11 7	11 7	19 7	10 50	1 7
S 14	19 53	8 11	0n53	11 39	3 39	23 25	0 45	13 46	1 23	8 48	1 8	20 42	0 26	2 25	0 41	4 31	1 44	26 26	9 57	11 7	11 8	19 7	10 51	1 6
M15	20 5	4 12	1 58	11 36	3 44	23 36	0 47	13 36	1 21	8 46	1 8	20 43	0 26	2 24	0 41	4 32	1 44	26 27	9 58	11 7	11 9	19 7	10 52	1 6
T 16	20 18	0s 6	2 58	11 36	3 48	23 45	0 49	13 25	1 20	8 43	1 8	20 43	0 26	2 24	0 41	4 32	1 44	26 27	9 58	11 8	11 10	19 7	10 53	1 6
W17	20 30	4 32	3 50	11 38	3 51	23 54	0 52	13 14	1 18	8 40	1 8	20 43	0 26	2 23	0 41	4 33	1 44	26 27	9 58	11 10	11 11	19 7	10 54	1 6
T 18	20 41	8 53	4 30	11 42	3 52	24 3	0 54	13 3	1 17	8 38	1 9	20 44	0 26	2 23	0 41	4 33	1 44	26 28	9 59	11 13	11 12	19 7	10 55	1 6
F 19	20 52	12 51	4 55	11 49	3 53	24 10	0 56	12 52	1 16	8 36	1 9	20 44	0 27	2 22	0 41	4 34	1 44	26 28	9 59	11 17	11 14	19 7	10 57	1 6
S 20	21 3	16 7	5 0	11 58	3 52	24 17	0 58	12 41	1 14	8 33	1 9	20 45	0 27	2 22	0 41	4 35	1 44	26 28	9 59	11 21	11 15	19 7	10 58	1 6
S 21	21 14	18 21	4 45	12 9	3 51	24 23	1 0	12 30	1 13	8 31	1 9	20 45	0 27	2 22	0 41	4 35	1 44	26 29	10 0	11 24	11 16	19 7	10 59	1 6
M22	21 24	19 20	4 11	12 22	3 49	24 29	1 2	12 18	1 11	8 29	1 10	20 45	0 27	2 21	0 41	4 36	1 44	26 29	10 0	11 28	11 17	19 7	11 0	1 6
T 23	21 34	18 57	3 19	12 37	3 46	24 34	1 4	12 7	1 10	8 26	1 10	20 46	0 27	2 21	0 41	4 36	1 44	26 29	10 0	11 30	11 18	19 7	11 1	1 6
W24	21 43	17 17	2 15	12 54	3 42	24 38	1 6	11 55	1 9	8 24	1 10	20 46	0 27	2 21	0 41	4 37	1 44	26 30	10 0	11 32	11 19	19 7	11 2	1 6
T 25	21 53	14 33	1 4	13 13	3 37	24 41	1 8	11 44	1 7	8 22	1 11	20 47	0 27	2 20	0 41	4 38	1 44	26 30	10 1	11 32	11 20	19 7	11 3	1 6
F 26	22 1	11 1	0s10	13 33	3 32	24 43	1 10	11 32	1 6	8 20	1 11	20 48	0 27	2 20	0 41	4 38	1 44	26 31	10 1	11 32	11 21	19 7	11 4	1 6
S 27	22 10	6 59	1 21	13 55	3 26	24 45	1 12	11 20	1 4	8 18	1 11	20 48	0 28	2 20	0 41	4 39	1 45	26 31	10 1	11 32	11 23	19 7	11 5	1 6
S 28	22 18	2 42	2 27	14 18	3 19	24 46	1 14	11 8	1 3	8 16	1 11	20 49	0 28	2 20	0 41	4 39	1 45	26 31	10 2	11 33	11 24	19 6	11 6	1 6
M29	22 25	1n38	3 23	14 42	3 11	24 47	1 15	10 56	1 2	8 14	1 12	20 49	0 28	2 19	0 41	4 40	1 45	26 32	10 2	11 34	11 25	19 6	11 7	1 6
T 30	22 32	5 48	4 7	15 8	3 3	24 47	1 17	10 44	1 1	8 13	1 12	20 50	0 28	2 19	0 40	4 40	1 45	26 32	10 2	11 36	11 26	19 6	11 8	1 6
W31	22n39	9n38	4s39	15n35	2s55	24n45	1n19	10n31	0n59	8s11	1s12	20s51	0s28	2s19	0n40	4n41	1s45	26s33	10s 2	11n39	11n27	19n 6	11n 9	1n 6

Julian Day Number = 2104325.5, Delta T = 20m44s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'19, Lahiri = 10°36'20 Julian Calendar 1 May 1049 == Greg. Calendar 7 May 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

JUNE 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	17 0 17	15♊27'18	19♉46	23♉23	6♋40	5♍50	12♓ 9	29°R20	7°R21	15♈55	13°R 9	29°R30	0♍10	14♋32	26♈ 9	T 1
F 2	17 4 14	16°24'31	2♊ 2	24°41	7°53	6°20	12°14	29♑18	7♎21	15°57	13♒ 8	29♌18	0° 7	14°38	26°12	F 2
S 3	17 8 10	17°21'43	14°10	26° 3	9° 6	6°51	12°18	29°15	7°21	15°58	13° 8	29° 5	0° 4	14°45	26°14	S 3
S 4	17 12 7	18°18'56	26°10	27°28	10°19	7°22	12°23	29°12	7°20	15°59	13° 7	28°53	0° 0	14°52	26°17	S 4
M 5	17 16 3	19°16'08	8♋ 4	28°56	11°32	7°53	12°27	29° 9	7°20	16° 0	13° 6	28°42	29♌57	14°58	26°20	M 5
T 6	17 20 0	20°13'19	19°54	0♊28	12°45	8°24	12°31	29° 7	7°20	16° 2	13° 6	28°34	29°54	15° 5	26°22	T 6
W 7	17 23 57	21°10'30	1♌42	2° 3	13°58	8°55	12°35	29° 4	7°20	16° 3	13° 5	28°28	29°51	15°12	26°25	W 7
T 8	17 27 53	22° 7'41	13°31	3°41	15°11	9°27	12°39	29° 1	7°19	16° 4	13° 4	28°25	29°48	15°18	26°27	T 8
F 9	17 31 50	23° 4'51	25°25	5°23	16°24	9°58	12°42	28°57	7°D19	16° 5	13° 4	28°D24	29°45	15°25	26°29	F 9
S 10	17 35 46	24° 2'01	7♍29	7° 7	17°37	10°30	12°45	28°54	7°19	16° 6	13° 3	28°24	29°41	15°32	26°32	S 10
S 11	17 39 43	24°59'11	19°47	8°55	18°50	11° 2	12°49	28°51	7°20	16° 7	13° 2	28°R24	29°38	15°38	26°34	S 11
M12	17 43 39	25°56'20	2♎25	10°45	20° 3	11°34	12°52	28°48	7°20	16° 8	13° 1	28°24	29°35	15°45	26°36	M12
T 13	17 47 36	26°53'29	15°26	12°38	21°16	12° 7	12°54	28°44	7°20	16° 9	13° 1	28°23	29°32	15°52	26°39	T 13
W14	17 51 32	27°50'38	28°56	14°34	22°28	12°39	12°57	28°41	7°20	16°10	13° 0	28°19	29°29	15°58	26°41	W14
T 15	17 55 29	28°47'47	12♏56	16°32	23°41	13°12	12°59	28°37	7°20	16°11	12°59	28°13	29°25	16° 5	26°43	T 15
F 16	17 59 26	29°44'55	27°23	18°33	24°54	13°44	13° 2	28°34	7°21	16°12	12°58	28° 6	29°22	16°12	26°45	F 16
S 17	18 3 22	0♋42'03	12♐16	20°35	26° 7	14°17	13° 4	28°30	7°21	16°13	12°57	27°57	29°19	16°18	26°47	S 17
S 18	18 7 19	1°39'12	27°24	22°40	27°19	14°50	13° 6	28°26	7°21	16°14	12°56	27°49	29°16	16°25	26°49	S 18
M19	18 11 15	2°36'21	12♑39	24°46	28°32	15°24	13° 7	28°23	7°22	16°15	12°55	27°42	29°13	16°32	26°51	M19
T 20	18 15 12	3°33'30	27°50	26°53	29°45	15°57	13° 9	28°19	7°22	16°16	12°54	27°37	29°10	16°39	26°53	T 20
W21	18 19 8	4°30'39	12♒47	29° 1	0♌57	16°30	13°10	28°15	7°23	16°16	12°53	27°34	29° 6	16°45	26°55	W21
T 22	18 23 5	5°27'49	27°23	1♋10	2°10	17° 4	13°11	28°11	7°24	16°17	12°52	27°D33	29° 3	16°52	26°57	T 22
F 23	18 27 1	6°24'59	11♓35	3°19	3°22	17°38	13°12	28° 7	7°24	16°18	12°51	27°34	29° 0	16°59	26°59	F 23
S 24	18 30 58	7°22'10	25°21	5°28	4°35	18°12	13°13	28° 3	7°25	16°19	12°50	27°35	28°57	17° 5	27° 0	S 24
S 25	18 34 55	8°19'21	8♈44	7°37	5°48	18°46	13°13	27°59	7°26	16°19	12°49	27°R35	28°54	17°12	27° 2	S 25
M26	18 38 51	9°16'33	21°44	9°45	7° 0	19°20	13°14	27°55	7°27	16°20	12°48	27°35	28°50	17°19	27° 4	M26
T 27	18 42 48	10°13'46	4♉26	11°53	8°13	19°54	13°R14	27°51	7°28	16°20	12°47	27°32	28°47	17°25	27° 5	T 27
W28	18 46 44	11°11'00	16°53	14° 0	9°25	20°29	13°14	27°47	7°28	16°21	12°46	27°27	28°44	17°32	27° 7	W28
T 29	18 50 41	12° 8'14	29° 8	16° 6	10°37	21° 3	13°13	27°43	7°29	16°22	12°45	27°21	28°41	17°39	27° 8	T 29
F 30	18 54 37	13♋ 5'29	11♊14	18♋10	11♌50	21♍38	13♓13	27♑38	7♎31	16♈22	12♒44	27♌13	28♌38	17♋45	27♈10	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n46	13n 0	4s57	16n 2	2s46	24n44	1n20	10n19	0n58	8s 9	1s13	20s51	0s28	2s19	0n40	4n41	1s45	26s33	10s 3	11n42	11n28	19n 6	11n10	1n 6
F 2	22 52	15 45	5 1	16 31	2 36	24 41	1 22	10 6	0 57	8 8	1 13	20 52	0 28	2 19	0 40	4 42	1 45	26 34	10 3	11 47	11 29	19 6	11 11	1 6
S 3	22 57	17 48	4 51	17 0	2 26	24 38	1 23	9 54	0 55	8 6	1 13	20 52	0 28	2 19	0 40	4 42	1 45	26 34	10 3	11 51	11 30	19 6	11 12	1 6
S 4	23 3	19 2	4 28	17 30	2 16	24 34	1 25	9 41	0 54	8 5	1 13	20 53	0 29	2 19	0 40	4 42	1 45	26 35	10 4	11 55	11 32	19 6	11 13	1 6
M 5	23 7	19 25	3 54	18 0	2 5	24 29	1 26	9 28	0 53	8 4	1 14	20 54	0 29	2 19	0 40	4 43	1 45	26 35	10 4	11 59	11 33	19 6	11 14	1 6
T 6	23 12	18 57	3 10	18 30	1 54	24 24	1 27	9 16	0 52	8 2	1 14	20 55	0 29	2 18	0 40	4 43	1 45	26 35	10 4	12 2	11 34	19 6	11 15	1 6
W 7	23 16	17 39	2 17	19 0	1 42	24 18	1 29	9 3	0 50	8 1	1 14	20 55	0 29	2 18	0 40	4 44	1 45	26 36	10 4	12 4	11 35	19 5	11 16	1 6
T 8	23 19	15 36	1 19	19 31	1 31	24 11	1 30	8 50	0 49	8 0	1 15	20 56	0 29	2 18	0 40	4 44	1 45	26 36	10 5	12 5	11 36	19 5	11 17	1 6
F 9	23 23	12 52	0 16	20 1	1 19	24 3	1 31	8 37	0 48	7 59	1 15	20 57	0 29	2 18	0 40	4 44	1 45	26 37	10 5	12 5	11 37	19 5	11 18	1 6
S 10	23 25	9 33	0n48	20 31	1 7	23 55	1 32	8 23	0 47	7 58	1 15	20 58	0 29	2 18	0 40	4 45	1 45	26 37	10 5	12 5	11 38	19 5	11 18	1 6
S 11	23 28	5 47	1 52	21 0	0 55	23 46	1 33	8 10	0 46	7 57	1 16	20 58	0 29	2 19	0 40	4 45	1 45	26 38	10 5	12 5	11 39	19 5	11 19	1 6
M12	23 30	1 39	2 51	21 28	0 43	23 36	1 34	7 57	0 44	7 56	1 16	20 59	0 30	2 19	0 40	4 46	1 45	26 38	10 6	12 5	11 41	19 5	11 20	1 6
T 13	23 31	2s40	3 44	21 55	0 31	23 26	1 35	7 43	0 43	7 55	1 16	21 0	0 30	2 19	0 40	4 46	1 45	26 39	10 6	12 6	11 42	19 5	11 21	1 6
W14	23 33	7 0	4 26	22 21	0 19	23 15	1 36	7 30	0 42	7 54	1 17	21 1	0 30	2 19	0 40	4 46	1 45	26 39	10 6	12 7	11 43	19 5	11 22	1 6
T 15	23 33	11 7	4 55	22 45	0 7	23 3	1 36	7 16	0 41	7 54	1 17	21 2	0 30	2 19	0 40	4 47	1 46	26 40	10 6	12 9	11 44	19 4	11 22	1 6
F 16	23 34	14 43	5 5	23 8	0n 4	22 51	1 37	7 2	0 40	7 53	1 17	21 3	0 30	2 19	0 40	4 47	1 46	26 40	10 7	12 12	11 45	19 4	11 23	1 6
S 17	23 34	17 29	4 56	23 29	0 15	22 38	1 38	6 49	0 39	7 53	1 18	21 3	0 30	2 19	0 40	4 47	1 46	26 41	10 7	12 15	11 46	19 4	11 24	1 6
S 18	23 33	19 6	4 26	23 47	0 26	22 24	1 38	6 35	0 38	7 52	1 18	21 4	0 30	2 20	0 40	4 47	1 46	26 41	10 7	12 17	11 47	19 4	11 25	1 6
M19	23 32	19 21	3 37	24 3	0 36	22 10	1 39	6 21	0 36	7 52	1 18	21 5	0 30	2 20	0 40	4 48	1 46	26 42	10 7	12 20	11 48	19 4	11 25	1 6
T 20	23 31	18 12	2 33	24 17	0 46	21 55	1 39	6 7	0 35	7 52	1 18	21 6	0 30	2 20	0 40	4 48	1 46	26 42	10 8	12 22	11 49	19 4	11 26	1 6
W21	23 29	15 48	1 19	24 28	0 55	21 40	1 39	5 53	0 34	7 51	1 19	21 7	0 31	2 20	0 40	4 48	1 46	26 43	10 8	12 23	11 51	19 4	11 27	1 6
T 22	23 27	12 26	0 1	24 37	1 3	21 24	1 40	5 38	0 33	7 51	1 19	21 8	0 31	2 21	0 40	4 48	1 46	26 43	10 8	12 23	11 52	19 3	11 27	1 6
F 23	23 24	8 24	1s15	24 42	1 11	21 7	1 40	5 24	0 32	7 51	1 19	21 9	0 31	2 21	0 40	4 49	1 46	26 44	10 8	12 23	11 53	19 3	11 28	1 6
S 24	23 21	4 3	2 24	24 45	1 18	20 50	1 40	5 10	0 31	7 51	1 20	21 10	0 31	2 21	0 39	4 49	1 46	26 44	10 8	12 22	11 54	19 3	11 29	1 6
S 25	23 18	0n22	3 23	24 45	1 25	20 32	1 40	4 56	0 30	7 51	1 20	21 11	0 31	2 22	0 39	4 49	1 46	26 45	10 9	12 22	11 55	19 3	11 29	1 6
M26	23 14	4 39	4 10	24 42	1 30	20 13	1 40	4 41	0 29	7 52	1 20	21 11	0 31	2 22	0 39	4 49	1 46	26 45	10 9	12 23	11 56	19 3	11 30	1 6
T 27	23 10	8 37	4 44	24 36	1 35	19 55	1 40	4 27	0 28	7 52	1 21	21 12	0 31	2 22	0 39	4 49	1 46	26 46	10 9	12 23	11 57	19 2	11 30	1 6
W28	23 5	12 7	5 3	24 28	1 39	19 35	1 39	4 12	0 27	7 52	1 21	21 13	0 31	2 23	0 39	4 50	1 46	26 46	10 9	12 25	11 58	19 2	11 31	1 6
T 29	23 0	15 3	5 8	24 17	1 43	19 15	1 39	3 57	0 26	7 53	1 21	21 14	0 31	2 23	0 39	4 50	1 46	26 47	10 9	12 27	11 59	19 2	11 31	1 6
F 30	22n55	17n18	4s59	24n 4	1n45	18n54	1n39	3n43	0n25	7s53	1s22	21s15	0s32	2s24	0n39	4n50	1s46	26s47	10s10	12n30	12n 1	19n 2	11n32	1n 6

Julian Day Number = 2104356.5, Delta T = 20m44s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'24, Lahiri = 10°36'24 Julian Calendar 1 June 1049 == Greg. Calendar 7 June 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

JULY 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 58 34	14♋ 2'45	23♊12	20♋14	13♌ 2	22♍13	13°R12	27°R34	7♎32	16♈23	12°R43	27°R 5	28♌35	17♋52	27♈11	S 1
S 2	19 2 30	15° 0'02	5♋ 5	22°15	14°15	22°48	13♓11	27♑30	7°33	16°23	12♒42	26♌57	28°31	17°59	27°13	S 2
M 3	19 6 27	15°57'19	16°55	24°16	15°27	23°23	13°10	27°26	7°34	16°23	12°41	26°51	28°28	18° 5	27°14	M 3
T 4	19 10 24	16°54'37	28°44	26°15	16°39	23°58	13° 9	27°21	7°35	16°24	12°39	26°46	28°25	18°12	27°15	T 4
W 5	19 14 20	17°51'56	10♌33	28°12	17°51	24°34	13° 8	27°17	7°37	16°24	12°38	26°42	28°22	18°19	27°16	W 5
T 6	19 18 17	18°49'15	22°25	0♌ 7	19° 4	25° 9	13° 6	27°12	7°38	16°24	12°37	26°D41	28°19	18°25	27°18	T 6
F 7	19 22 13	19°46'34	4♍24	2° 1	20°16	25°45	13° 4	27° 8	7°39	16°25	12°36	26°41	28°16	18°32	27°19	F 7
S 8	19 26 10	20°43'55	16°31	3°53	21°28	26°20	13° 2	27° 4	7°41	16°25	12°35	26°42	28°12	18°39	27°20	S 8
S 9	19 30 6	21°41'15	28°52	5°44	22°40	26°56	13° 0	26°59	7°42	16°25	12°34	26°44	28° 9	18°45	27°21	S 9
M10	19 34 3	22°38'37	11♎30	7°33	23°52	27°32	12°58	26°55	7°44	16°25	12°32	26°45	28° 6	18°52	27°22	M10
T 11	19 37 59	23°35'59	24°29	9°20	25° 4	28° 8	12°55	26°50	7°45	16°25	12°31	26°R46	28° 3	18°59	27°22	T 11
W12	19 41 56	24°33'22	7♏54	11° 5	26°16	28°45	12°52	26°46	7°47	16°25	12°30	26°45	28° 0	19° 5	27°23	W12
T 13	19 45 53	25°30'45	21°45	12°49	27°28	29°21	12°49	26°41	7°49	16°25	12°29	26°43	27°56	19°12	27°24	T 13
F 14	19 49 49	26°28'09	6♐ 4	14°31	28°40	29°57	12°46	26°37	7°50	16°25	12°27	26°40	27°53	19°19	27°25	F 14
S 15	19 53 46	27°25'34	20°47	16°12	29°52	0♎34	12°43	26°32	7°52	16°R25	12°26	26°36	27°50	19°25	27°25	S 15
S 16	19 57 42	28°23'00	5♑48	17°51	1♍ 4	1°11	12°39	26°28	7°54	16°25	12°25	26°32	27°47	19°32	27°26	S 16
M17	20 1 39	29°20'26	21° 1	19°28	2°16	1°47	12°35	26°24	7°56	16°25	12°24	26°29	27°44	19°39	27°27	M17
T 18	20 5 35	0♌17'54	6♒13	21° 4	3°28	2°24	12°32	26°19	7°58	16°25	12°22	26°26	27°41	19°46	27°27	T 18
W19	20 9 32	1°15'23	21°17	22°38	4°39	3° 1	12°27	26°15	8° 0	16°25	12°21	26°D25	27°37	19°52	27°28	W19
T 20	20 13 29	2°12'53	6♓ 3	24°10	5°51	3°38	12°23	26°10	8° 2	16°25	12°20	26°26	27°34	19°59	27°28	T 20
F 21	20 17 25	3°10'24	20°26	25°41	7° 3	4°15	12°19	26° 6	8° 4	16°25	12°18	26°27	27°31	20° 6	27°28	F 21
S 22	20 21 22	4° 7'57	4♈22	27°10	8°14	4°53	12°14	26° 1	8° 6	16°25	12°17	26°28	27°28	20°12	27°29	S 22
S 23	20 25 18	5° 5'31	17°52	28°38	9°26	5°30	12° 9	25°57	8° 8	16°24	12°16	26°29	27°25	20°19	27°29	S 23
M24	20 29 15	6° 3'07	0♉56	0♍ 4	10°37	6° 8	12° 5	25°53	8°10	16°24	12°15	26°R30	27°22	20°26	27°29	M24
T 25	20 33 11	7° 0'44	13°39	1°28	11°49	6°45	11°59	25°48	8°13	16°24	12°13	26°30	27°18	20°32	27°29	T 25
W26	20 37 8	7°58'23	26° 4	2°51	13° 0	7°23	11°54	25°44	8°15	16°23	12°12	26°29	27°15	20°39	27°R29	W26
T 27	20 41 4	8°56'04	8♊14	4°11	14°12	8° 1	11°49	25°40	8°17	16°23	12°11	26°27	27°12	20°46	27°29	T 27
F 28	20 45 1	9°53'46	20°14	5°30	15°23	8°39	11°43	25°35	8°20	16°23	12° 9	26°25	27° 9	20°52	27°29	F 28
S 29	20 48 57	10°51'30	2♋ 7	6°47	16°34	9°17	11°38	25°31	8°22	16°22	12° 8	26°23	27° 6	20°59	27°29	S 29
S 30	20 52 54	11°49'15	13°56	8° 2	17°45	9°55	11°32	25°27	8°24	16°22	12° 7	26°20	27° 2	21° 6	27°29	S 30
M31	20 56 51	12♌47'02	25♋45	9♍16	18♍57	10♎33	11♓26	25♑23	8♎27	16♈21	12♒ 5	26♌19	26♌59	21♋12	27♈29	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	22n49	18n46	4s37	23n48	1n47	18n33	1n38	3n28	0n24	7s54	1s22	21s16	0s32	2s24	0n39	4n50	1s47	26s48	10s10	12n33	12n 2	19n 2	11n33	1n 6	
S 2	22 43	19 25	4 3	23 30	1 49	18 12	1 38	3 13	0 23	7 54	1 22	21 17	0 32	2 25	0 39	4 50	1 47	26 48	10 10	12 35	12 3	19 2	11 33	1 6	
M 3	22 36	19 11	3 19	23 10	1 49	17 50	1 37	2 58	0 22	7 55	1 23	21 18	0 32	2 25	0 39	4 50	1 47	26 49	10 10	12 38	12 4	19 1	11 33	1 6	
T 4	22 29	18 8	2 26	22 48	1 49	17 27	1 37	2 43	0 21	7 56	1 23	21 19	0 32	2 26	0 39	4 50	1 47	26 49	10 10	12 39	12 5	19 1	11 34	1 6	
W 5	22 22	16 17	1 27	22 24	1 48	17 5	1 36	2 28	0 20	7 56	1 23	21 20	0 32	2 26	0 39	4 50	1 47	26 50	10 11	12 40	12 6	19 1	11 34	1 6	
T 6	22 14	13 45	0 23	21 58	1 47	16 41	1 35	2 13	0 19	7 57	1 23	21 21	0 32	2 27	0 39	4 50	1 47	26 50	10 11	12 41	12 7	19 1	11 35	1 6	
F 7	22 6	10 36	0n42	21 31	1 45	16 17	1 34	1 58	0 18	7 58	1 24	21 22	0 32	2 27	0 39	4 50	1 47	26 51	10 11	12 41	12 8	19 0	11 35	1 5	
S 8	21 57	6 59	1 46	21 2	1 43	15 53	1 33	1 43	0 17	7 59	1 24	21 23	0 32	2 28	0 39	4 50	1 47	26 51	10 11	12 40	12 9	19 0	11 35	1 5	
S 9	21 48	3 0	2 47	20 32	1 40	15 28	1 32	1 28	0 16	8 1	1 24	21 24	0 32	2 29	0 39	4 50	1 47	26 52	10 11	12 40	12 11	19 0	11 36	1 5	
M10	21 39	1s11	3 41	20 1	1 36	15 3	1 31	1 12	0 15	8 2	1 25	21 25	0 33	2 29	0 39	4 50	1 47	26 52	10 11	12 39	12 12	19 0	11 36	1 5	
T 11	21 29	5 26	4 25	19 29	1 32	14 38	1 29	0 57	0 14	8 3	1 25	21 26	0 33	2 30	0 39	4 50	1 47	26 53	10 12	12 39	12 13	19 0	11 36	1 5	
W12	21 19	9 32	4 57	18 56	1 27	14 12	1 28	0 42	0 13	8 4	1 25	21 27	0 33	2 31	0 39	4 50	1 47	26 53	10 12	12 40	12 14	18 59	11 37	1 5	
T 13	21 9	13 16	5 12	18 22	1 22	13 46	1 27	0 26	0 12	8 6	1 26	21 28	0 33	2 31	0 39	4 50	1 47	26 54	10 12	12 40	12 15	18 59	11 37	1 5	
F 14	20 58	16 21	5 9	17 47	1 17	13 20	1 25	0 11	0 11	8 7	1 26	21 29	0 33	2 32	0 39	4 50	1 47	26 54	10 12	12 41	12 16	18 59	11 37	1 5	
S 15	20 47	18 29	4 46	17 12	1 11	12 53	1 24	0s 4	0 10	8 9	1 26	21 29	0 33	2 33	0 39	4 50	1 47	26 55	10 12	12 43	12 17	18 59	11 38	1 5	
S 16	20 35	19 23	4 3	16 36	1 5	12 26	1 22	0 20	0 9	8 10	1 26	21 30	0 33	2 34	0 39	4 50	1 47	26 55	10 12	12 44	12 18	18 58	11 38	1 5	
M17	20 24	18 54	3 2	15 59	0 59	11 58	1 20	0 35	0 8	8 12	1 27	21 31	0 33	2 34	0 39	4 50	1 48	26 56	10 12	12 45	12 19	18 58	11 38	1 5	
T 18	20 11	17 3	1 49	15 22	0 52	11 30	1 18	0 51	0 7	8 14	1 27	21 32	0 33	2 35	0 39	4 50	1 48	26 56	10 12	12 46	12 20	18 58	11 38	1 5	
W19	19 59	14 2	0 28	14 45	0 45	11 2	1 17	1 7	0 6	8 16	1 27	21 33	0 33	2 36	0 38	4 50	1 48	26 57	10 13	12 46	12 22	18 58	11 38	1 5	
T 20	19 46	10 9	0s53	14 7	0 37	10 34	1 15	1 22	0 5	8 18	1 28	21 34	0 33	2 37	0 38	4 50	1 48	26 57	10 13	12 46	12 23	18 57	11 38	1 5	
F 21	19 33	5 47	2 9	13 29	0 30	10 6	1 13	1 38	0 4	8 20	1 28	21 35	0 33	2 38	0 38	4 50	1 48	26 58	10 13	12 46	12 24	18 57	11 38	1 5	
S 22	19 19	1 13	3 14	12 51	0 22	9 37	1 11	1 54	0 4	8 22	1 28	21 36	0 34	2 38	0 38	4 49	1 48	26 58	10 13	12 45	12 25	18 57	11 39	1 5	
S 23	19 5	3n14	4 7	12 13	0 13	9 8	1 8	2 9	0 3	8 24	1 28	21 37	0 34	2 39	0 38	4 49	1 48	26 59	10 13	12 45	12 26	18 56	11 39	1 5	
M24	18 51	7 24	4 45	11 35	0 5	8 38	1 6	2 25	0 2	8 26	1 29	21 38	0 34	2 40	0 38	4 49	1 48	26 59	10 13	12 45	12 27	18 56	11 39	1 5	
T 25	18 37	11 7	5 8	10 57	0s 4	8 9	1 4	2 41	0 1	8 28	1 29	21 39	0 34	2 41	0 38	4 49	1 48	27 0	10 13	12 45	12 28	18 56	11 39	1 5	
W26	18 22	14 15	5 16	10 19	0 13	7 39	1 1	2 57	0s 0	8 30	1 29	21 40	0 34	2 42	0 38	4 49	1 48	27 0	10 13	12 45	12 29	18 56	11 39	1 5	
T 27	18 7	16 42	5 9	9 41	0 22	7 9	0 59	3 13	0 1	8 33	1 29	21 40	0 34	2 43	0 38	4 49	1 48	27 1	10 13	12 46	12 30	18 55	11 39	1 5	
F 28	17 51	18 24	4 49	9 4	0 31	6 39	0 56	3 28	0 2	8 35	1 30	21 41	0 34	2 44	0 38	4 48	1 48	27 1	10 13	12 46	12 31	18 55	11 39	1 5	
S 29	17 36	19 16	4 17	8 26	0 40	6 9	0 54	3 44	0 3	8 37	1 30	21 42	0 34	2 45	0 38	4 48	1 48	27 2	10 13	12 47	12 32	18 55	11 39	1 5	
S 30	17 20	19 17	3 33	7 50	0 50	5 39	0 51	4 0	0 3	8 40	1 30	21 43	0 34	2 46	0 38	4 48	1 48	27 2	10 13	12 48	12 34	18 54	11 39	1 5	
M31	17n 4	18n28	2s41	7n13	0s59	5n 8	0n48	4s16	0s 4	8s42	1s30	21s44	0s34	2s47	0n38	4n48	1s48	27s 2	10s14	12n49	12n35	18n54	11n39	1n 5	

Julian Day Number = 2104386.5, Delta T = 20m44s
Ecliptic obliquity = 23°33'36, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'28, Lahiri = 10°36'28 Julian Calendar 1 July 1049 == Greg. Calendar 7 July 1049

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1049
geocentric

AUGUST 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	21 0 47	13♌44'50	7♌36	10♍27	20♍ 8	11♎12	11°R20	25°R19	8♎29	16°R21	12°R 4	26°R17	26♌56	21♋19	27°R28	T 1
W 2	21 4 44	14°42'40	19°30	11°36	21°19	11°50	11♓13	25♏15	8°32	16♈20	12♒ 3	26♌17	26°53	21°26	27♈28	W 2
T 3	21 8 40	15°40'31	1♍30	12°43	22°30	12°29	11° 7	25°10	8°35	16°19	12° 1	26°D17	26°50	21°32	27°28	T 3
F 4	21 12 37	16°38'24	13°39	13°48	23°41	13° 7	11° 0	25° 6	8°37	16°19	12° 0	26°17	26°47	21°39	27°27	F 4
S 5	21 16 33	17°36'18	25°57	14°50	24°52	13°46	10°54	25° 2	8°40	16°18	11°59	26°18	26°43	21°46	27°27	S 5
S 6	21 20 30	18°34'14	8♎28	15°50	26° 3	14°25	10°47	24°59	8°43	16°17	11°57	26°18	26°40	21°52	27°26	S 6
M 7	21 24 26	19°32'11	21°13	16°47	27°14	15° 4	10°40	24°55	8°45	16°17	11°56	26°19	26°37	21°59	27°25	M 7
T 8	21 28 23	20°30'09	4♏17	17°41	28°25	15°43	10°33	24°51	8°48	16°16	11°55	26°20	26°34	22° 6	27°25	T 8
W 9	21 32 20	21°28'09	17°39	18°32	29°35	16°22	10°26	24°47	8°51	16°15	11°54	26°R20	26°31	22°12	27°24	W 9
T 10	21 36 16	22°26'10	1♐24	19°20	0♎46	17° 1	10°19	24°43	8°54	16°14	11°52	26°20	26°28	22°19	27°23	T 10
F 11	21 40 13	23°24'12	15°29	20° 5	1°57	17°41	10°12	24°40	8°57	16°13	11°51	26°20	26°24	22°26	27°22	F 11
S 12	21 44 9	24°22'16	29°56	20°46	3° 7	18°20	10° 4	24°36	9° 0	16°13	11°50	26°19	26°21	22°32	27°21	S 12
S 13	21 48 6	25°20'22	14♑39	21°23	4°18	19° 0	9°57	24°33	9° 2	16°12	11°48	26°19	26°18	22°39	27°21	S 13
M14	21 52 2	26°18'29	29°34	21°56	5°28	19°39	9°49	24°29	9° 5	16°11	11°47	26°D19	26°15	22°46	27°20	M14
T 15	21 55 59	27°16'37	14♒34	22°25	6°38	20°19	9°42	24°26	9° 8	16°10	11°46	26°19	26°12	22°52	27°19	T 15
W16	21 59 55	28°14'47	29°29	22°49	7°49	20°59	9°34	24°23	9°12	16° 9	11°45	26°R19	26° 8	22°59	27°17	W16
T 17	22 3 52	29°12'59	14♓13	23° 8	8°59	21°39	9°26	24°19	9°15	16° 8	11°43	26°19	26° 5	23° 6	27°16	T 17
F 18	22 7 49	0♍11'13	28°38	23°22	10° 9	22°19	9°19	24°16	9°18	16° 7	11°42	26°19	26° 2	23°12	27°15	F 18
S 19	22 11 45	1° 9'29	12♈40	23°30	11°19	22°59	9°11	24°13	9°21	16° 6	11°41	26°18	25°59	23°19	27°14	S 19
S 20	22 15 42	2° 7'47	26°16	23°R32	12°29	23°39	9° 3	24°10	9°24	16° 5	11°40	26°18	25°56	23°26	27°12	S 20
M21	22 19 38	3° 6'07	9♉26	23°29	13°39	24°19	8°55	24° 7	9°27	16° 3	11°38	26°17	25°53	23°32	27°11	M21
T 22	22 23 35	4° 4'29	22°13	23°19	14°49	25° 0	8°47	24° 4	9°30	16° 2	11°37	26°17	25°49	23°39	27°10	T 22
W23	22 27 31	5° 2'53	4♊40	23° 2	15°58	25°40	8°39	24° 1	9°34	16° 1	11°36	26°D17	25°46	23°46	27° 8	W23
T 24	22 31 28	6° 1'19	16°50	22°38	17° 8	26°20	8°31	23°58	9°37	16° 0	11°35	26°17	25°43	23°52	27° 7	T 24
F 25	22 35 24	6°59'48	28°48	22° 8	18°18	27° 1	8°23	23°56	9°40	15°59	11°34	26°17	25°40	23°59	27° 5	F 25
S 26	22 39 21	7°58'19	10♋40	21°31	19°27	27°42	8°15	23°53	9°44	15°58	11°33	26°18	25°37	24° 6	27° 4	S 26
S 27	22 43 18	8°56'52	22°28	20°48	20°37	28°23	8° 7	23°51	9°47	15°56	11°31	26°20	25°33	24°12	27° 2	S 27
M28	22 47 14	9°55'27	4♌18	19°59	21°46	29° 3	7°59	23°48	9°50	15°55	11°30	26°21	25°30	24°19	27° 0	M28
T 29	22 51 11	10°54'05	16°13	19° 4	22°55	29°44	7°51	23°46	9°54	15°54	11°29	26°22	25°27	24°26	26°59	T 29
W30	22 55 7	11°52'44	28°15	18° 5	24° 4	0♏25	7°43	23°44	9°57	15°52	11°28	26°R22	25°24	24°32	26°57	W30
T 31	22 59 4	12♍51'25	10♍27	17♍ 3	25♎14	1♏ 7	7♓35	23♏42	10♎ 1	15♈51	11♒27	26♌21	25♌21	24♋39	26♈55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	16n47	16n49	1s42	6n37	1s 9	4n37	0n45	4s32	0s 5	8s45	1s31	21s45	0s34	2s48	0n38	4n47	1s48	27s 3	10s14	12n49	12n36	18n54	11n38	1n 5
W 2	16 30	14 27	0 37	6 2	1 19	4 7	0 43	4 48	0 6	8 47	1 31	21 45	0 34	2 49	0 38	4 47	1 49	27 3	10 14	12 49	12 37	18 53	11 38	1 5
T 3	16 13	11 27	0n29	5 27	1 29	3 36	0 40	5 4	0 7	8 50	1 31	21 46	0 34	2 50	0 38	4 47	1 49	27 4	10 14	12 49	12 38	18 53	11 38	1 5
F 4	15 56	7 55	1 35	4 53	1 39	3 5	0 37	5 19	0 8	8 53	1 31	21 47	0 34	2 51	0 38	4 46	1 49	27 4	10 14	12 49	12 39	18 53	11 38	1 5
S 5	15 38	4 1	2 37	4 20	1 49	2 34	0 34	5 35	0 8	8 56	1 31	21 48	0 35	2 52	0 38	4 46	1 49	27 5	10 14	12 49	12 40	18 52	11 38	1 5
S 6	15 20	0s 6	3 33	3 48	1 59	2 3	0 30	5 51	0 9	8 58	1 32	21 49	0 35	2 53	0 38	4 46	1 49	27 5	10 14	12 49	12 41	18 52	11 38	1 5
M 7	15 2	4 18	4 20	3 16	2 9	1 31	0 27	6 7	0 10	9 1	1 32	21 49	0 35	2 55	0 38	4 46	1 49	27 5	10 14	12 48	12 42	18 52	11 37	1 5
T 8	14 44	8 23	4 55	2 46	2 18	1 0	0 24	6 23	0 11	9 4	1 32	21 50	0 35	2 56	0 38	4 45	1 49	27 6	10 14	12 48	12 43	18 51	11 37	1 5
W 9	14 25	12 9	5 14	2 17	2 28	0 29	0 21	6 39	0 12	9 7	1 32	21 51	0 35	2 57	0 38	4 45	1 49	27 6	10 14	12 48	12 44	18 51	11 37	1 5
T 10	14 6	15 23	5 16	1 49	2 38	0s 2	0 17	6 55	0 12	9 10	1 32	21 52	0 35	2 58	0 38	4 44	1 49	27 7	10 14	12 48	12 46	18 51	11 36	1 5
F 11	13 47	17 47	5 0	1 23	2 48	0 34	0 14	7 11	0 13	9 13	1 33	21 52	0 35	2 59	0 38	4 44	1 49	27 7	10 14	12 48	12 47	18 50	11 36	1 5
S 12	13 28	19 9	4 25	0 58	2 57	1 5	0 10	7 26	0 14	9 16	1 33	21 53	0 35	3 0	0 38	4 44	1 49	27 7	10 14	12 48	12 48	18 50	11 36	1 5
S 13	13 8	19 15	3 32	0 35	3 6	1 37	0 7	7 42	0 15	9 19	1 33	21 54	0 35	3 1	0 38	4 43	1 49	27 8	10 14	12 48	12 49	18 50	11 35	1 5
M14	12 49	18 0	2 23	0 14	3 15	2 8	0 3	7 58	0 16	9 22	1 33	21 54	0 35	3 3	0 38	4 43	1 49	27 8	10 14	12 48	12 50	18 49	11 35	1 5
T 15	12 29	15 31	1 5	0s 5	3 23	2 39	0s 0	8 14	0 16	9 25	1 33	21 55	0 35	3 4	0 38	4 43	1 49	27 8	10 14	12 48	12 51	18 49	11 35	1 5
W16	12 9	11 59	0s18	0 22	3 31	3 10	0 4	8 30	0 17	9 28	1 33	21 56	0 35	3 5	0 38	4 42	1 49	27 9	10 14	12 48	12 52	18 49	11 34	1 5
T 17	11 48	7 45	1 38	0 36	3 39	3 42	0 8	8 45	0 18	9 31	1 33	21 56	0 35	3 6	0 38	4 42	1 49	27 9	10 14	12 48	12 53	18 48	11 34	1 5
F 18	11 28	3 9	2 50	0 48	3 46	4 13	0 11	9 1	0 19	9 34	1 33	21 57	0 35	3 8	0 38	4 41	1 49	27 10	10 14	12 48	12 54	18 48	11 33	1 5
S 19	11 7	1n30	3 50	0 57	3 52	4 44	0 15	9 17	0 19	9 37	1 34	21 58	0 35	3 9	0 38	4 41	1 49	27 10	10 14	12 49	12 55	18 48	11 33	1 5
S 20	10 46	5 55	4 35	1 3	3 58	5 15	0 19	9 32	0 20	9 40	1 34	21 58	0 35	3 10	0 37	4 40	1 49	27 10	10 14	12 49	12 56	18 47	11 32	1 5
M21	10 25	9 54	5 4	1 6	4 2	5 46	0 23	9 48	0 21	9 43	1 34	21 59	0 35	3 11	0 37	4 40	1 50	27 10	10 14	12 49	12 57	18 47	11 32	1 5
T 22	10 4	13 19	5 17	1 6	4 6	6 16	0 27	10 3	0 22	9 46	1 34	21 59	0 35	3 13	0 37	4 39	1 50	27 11	10 14	12 49	12 59	18 46	11 31	1 5
W23	9 42	16 2	5 14	1 1	4 8	6 47	0 31	10 19	0 22	9 49	1 34	22 0	0 35	3 14	0 37	4 39	1 50	27 11	10 13	12 49	13 0	18 46	11 31	1 5
T 24	9 21	17 58	4 57	0 53	4 9	7 18	0 35	10 34	0 23	9 52	1 34	22 0	0 36	3 15	0 37	4 38	1 50	27 11	10 13	12 49	13 1	18 46	11 30	1 5
F 25	8 59	19 5	4 28	0 41	4 9	7 48	0 39	10 50	0 24	9 55	1 34	22 1	0 36	3 17	0 37	4 38	1 50	27 12	10 13	12 49	13 2	18 45	11 30	1 5
S 26	8 37	19 21	3 47	0 24	4 7	8 18	0 43	11 5	0 25	9 58	1 34	22 1	0 36	3 18	0 37	4 37	1 50	27 12	10 13	12 49	13 3	18 45	11 29	1 5
S 27	8 15	18 46	2 57	0 4	4 4	8 48	0 47	11 21	0 25	10 1	1 34	22 2	0 36	3 19	0 37	4 37	1 50	27 12	10 13	12 48	13 4	18 44	11 28	1 5
M28	7 53	17 21	1 59	0n20	3 58	9 18	0 51	11 36	0 26	10 4	1 34	22 2	0 36	3 21	0 37	4 36	1 50	27 13	10 13	12 48	13 5	18 44	11 28	1 5
T 29	7 31	15 10	0 56	0 49	3 51	9 48	0 55	11 51	0 27	10 7	1 34	22 3	0 36	3 22	0 37	4 36	1 50	27 13	10 13	12 48	13 6	18 44	11 27	1 5
W30	7 8	12 18	0n10	1 20	3 41	10 18	0 59	12 6	0 27	10 10	1 34	22 3	0 36	3 23	0 37	4 35	1 50	27 13	10 13	12 48	13 7	18 43	11 26	1 5
T 31	6n46	8n53	1n17	1n55	3s30	10s47	1s 3	12s21	0s28	10s13	1s34	22s 4	0s36	3s25	0n37	4n35	1s50	27s13	10s13	12n48	13n 8	18n43	11n26	1n 5

Julian Day Number = 2104417.5, Delta T = 20m43s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'32, Lahiri = 10°36'32 Julian Calendar 1 Aug. 1049 == Greg. Calendar 7 Aug. 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

SEPTEMBER 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	23 3 0	13♍50'09	22♍50	15°R59	26♎23	1♏48	7°R27	23°R39	10♎ 4	15°R50	11°R26	26°R20	25♌18	24♋46	26°R53	F 1
S 2	23 6 57	14°48'54	5♎26	14♍54	27°32	2°29	7♓20	23♑38	10° 8	15♈48	11♒25	26♌18	25°14	24°52	26♈51	S 2
S 3	23 10 53	15°47'41	18°15	13°50	28°40	3°11	7°12	23°36	10°11	15°47	11°24	26°15	25°11	24°59	26°49	S 3
M 4	23 14 50	16°46'30	1♏18	12°48	29°49	3°52	7° 4	23°34	10°15	15°46	11°23	26°12	25° 8	25° 6	26°47	M 4
T 5	23 18 46	17°45'21	14°34	11°51	0♏58	4°34	6°56	23°32	10°18	15°44	11°22	26° 9	25° 5	25°12	26°45	T 5
W 6	23 22 43	18°44'14	28° 5	11° 0	2° 6	5°15	6°49	23°31	10°22	15°43	11°21	26° 7	25° 2	25°19	26°43	W 6
T 7	23 26 40	19°43'09	11♐49	10°16	3°15	5°57	6°41	23°29	10°25	15°41	11°20	26° 6	24°59	25°26	26°41	T 7
F 8	23 30 36	20°42'05	25°48	9°40	4°23	6°39	6°33	23°28	10°29	15°40	11°19	26°D 5	24°55	25°32	26°39	F 8
S 9	23 34 33	21°41'03	9♑59	9°13	5°31	7°21	6°26	23°26	10°32	15°38	11°18	26° 6	24°52	25°39	26°37	S 9
S 10	23 38 29	22°40'03	24°21	8°56	6°39	8° 3	6°19	23°25	10°36	15°37	11°17	26° 8	24°49	25°46	26°34	S 10
M11	23 42 26	23°39'05	8♒52	8°D49	7°47	8°45	6°11	23°24	10°40	15°35	11°16	26° 9	24°46	25°52	26°32	M11
T 12	23 46 22	24°38'09	23°27	8°53	8°55	9°27	6° 4	23°23	10°43	15°34	11°15	26°R10	24°43	25°59	26°30	T 12
W13	23 50 19	25°37'14	8♓ 1	9° 7	10° 3	10° 9	5°57	23°22	10°47	15°32	11°14	26° 9	24°39	26° 6	26°27	W13
T 14	23 54 15	26°36'21	22°28	9°31	11°10	10°51	5°50	23°21	10°51	15°31	11°13	26° 7	24°36	26°12	26°25	T 14
F 15	23 58 12	27°35'31	6♈42	10° 5	12°17	11°34	5°43	23°20	10°54	15°29	11°13	26° 4	24°33	26°19	26°23	F 15
S 16	0 2 9	28°34'42	20°39	10°47	13°25	12°16	5°36	23°20	10°58	15°27	11°12	25°59	24°30	26°26	26°20	S 16
S 17	0 6 5	29°33'56	4♉14	11°39	14°32	12°59	5°30	23°19	11° 2	15°26	11°11	25°54	24°27	26°32	26°18	S 17
M18	0 10 2	0♎33'12	17°26	12°37	15°39	13°41	5°23	23°19	11° 6	15°24	11°10	25°48	24°24	26°39	26°15	M18
T 19	0 13 58	1°32'30	0♊15	13°43	16°46	14°24	5°17	23°18	11° 9	15°23	11° 9	25°44	24°20	26°46	26°13	T 19
W20	0 17 55	2°31'51	12°44	14°55	17°52	15° 7	5°11	23°18	11°13	15°21	11° 9	25°40	24°17	26°52	26°10	W20
T 21	0 21 51	3°31'14	24°56	16°13	18°59	15°50	5° 4	23°18	11°17	15°19	11° 8	25°38	24°14	26°59	26° 7	T 21
F 22	0 25 48	4°30'40	6♋55	17°35	20° 5	16°32	4°58	23°D18	11°20	15°18	11° 7	25°D38	24°11	27° 6	26° 5	F 22
S 23	0 29 44	5°30'08	18°46	19° 1	21°11	17°15	4°53	23°18	11°24	15°16	11° 7	25°39	24° 8	27°12	26° 2	S 23
S 24	0 33 41	6°29'38	0♌35	20°30	22°17	17°59	4°47	23°18	11°28	15°14	11° 6	25°40	24° 5	27°19	26° 0	S 24
M25	0 37 38	7°29'10	12°26	22° 3	23°23	18°42	4°41	23°18	11°32	15°13	11° 5	25°42	24° 1	27°26	25°57	M25
T 26	0 41 34	8°28'45	24°24	23°37	24°29	19°25	4°36	23°19	11°36	15°11	11° 5	25°R43	23°58	27°32	25°54	T 26
W27	0 45 31	9°28'22	6♍34	25°14	25°34	20° 8	4°31	23°19	11°39	15° 9	11° 4	25°42	23°55	27°39	25°51	W27
T 28	0 49 27	10°28'01	18°57	26°52	26°39	20°52	4°26	23°20	11°43	15° 8	11° 4	25°39	23°52	27°46	25°49	T 28
F 29	0 53 24	11°27'42	1♎36	28°32	27°45	21°35	4°21	23°20	11°47	15° 6	11° 3	25°35	23°49	27°52	25°46	F 29
S 30	0 57 20	12♎27'25	14♎33	0♎12	28♏49	22♏18	4♓16	23♑21	11♎51	15♈ 4	11♒ 3	25♌28	23♌45	27♋59	25♈43	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	6n23	5n 1	2n21	2n32	3s17	11s16	1s 7	12s36	0s29	10s16	1s34	22s 4	0s36	3s26	0n37	4n34	1s50	27s13	10s13	12n48	13n 9	18n42	11n25	1n 5
S 2	6 1	0 53	3 19	3 11	3 2	11 45	1 11	12 51	0 29	10 19	1 34	22 4	0 36	3 28	0 37	4 34	1 50	27 14	10 13	12 49	13 10	18 42	11 24	1 5
S 3	5 38	3s22	4 9	3 51	2 45	12 14	1 15	13 6	0 30	10 22	1 34	22 5	0 36	3 29	0 37	4 33	1 50	27 14	10 13	12 50	13 11	18 41	11 24	1 5
M 4	5 15	7 31	4 46	4 31	2 28	12 42	1 19	13 21	0 31	10 25	1 34	22 5	0 36	3 30	0 37	4 32	1 50	27 14	10 13	12 51	13 13	18 41	11 23	1 5
T 5	4 52	11 22	5 9	5 10	2 9	13 10	1 23	13 36	0 31	10 28	1 34	22 5	0 36	3 32	0 37	4 32	1 50	27 14	10 12	12 52	13 14	18 41	11 22	1 5
W 6	4 29	14 43	5 15	5 48	1 49	13 38	1 28	13 51	0 32	10 31	1 34	22 6	0 36	3 33	0 37	4 31	1 50	27 15	10 12	12 53	13 15	18 40	11 21	1 5
T 7	4 5	17 19	5 3	6 23	1 29	14 6	1 32	14 5	0 33	10 34	1 34	22 6	0 36	3 35	0 37	4 31	1 50	27 15	10 12	12 53	13 16	18 40	11 20	1 5
F 8	3 42	18 56	4 34	6 56	1 9	14 33	1 36	14 20	0 33	10 37	1 34	22 6	0 36	3 36	0 37	4 30	1 50	27 15	10 12	12 53	13 17	18 39	11 20	1 4
S 9	3 19	19 24	3 47	7 24	0 49	15 0	1 40	14 34	0 34	10 39	1 34	22 6	0 36	3 38	0 37	4 29	1 50	27 15	10 12	12 53	13 18	18 39	11 19	1 4
S 10	2 55	18 38	2 46	7 48	0 29	15 27	1 44	14 48	0 35	10 42	1 34	22 7	0 36	3 39	0 37	4 29	1 50	27 15	10 12	12 52	13 19	18 38	11 18	1 4
M11	2 32	16 38	1 34	8 8	0 11	15 53	1 48	15 3	0 35	10 45	1 34	22 7	0 36	3 40	0 37	4 28	1 50	27 15	10 12	12 52	13 20	18 38	11 17	1 4
T 12	2 8	13 32	0 15	8 23	0n 7	16 19	1 52	15 17	0 36	10 47	1 34	22 7	0 36	3 42	0 37	4 28	1 50	27 15	10 12	12 52	13 21	18 37	11 16	1 4
W13	1 45	9 36	1s 5	8 33	0 23	16 44	1 56	15 31	0 37	10 50	1 34	22 7	0 36	3 43	0 37	4 27	1 50	27 16	10 11	12 52	13 22	18 37	11 15	1 4
T 14	1 21	5 8	2 19	8 38	0 38	17 10	2 0	15 45	0 37	10 52	1 34	22 7	0 36	3 45	0 37	4 26	1 50	27 16	10 11	12 52	13 23	18 36	11 14	1 4
F 15	0 58	0 27	3 24	8 38	0 52	17 34	2 4	15 59	0 38	10 55	1 34	22 8	0 36	3 46	0 37	4 26	1 50	27 16	10 11	12 54	13 24	18 36	11 13	1 4
S 16	0 34	4n10	4 15	8 33	1 5	17 59	2 8	16 12	0 38	10 57	1 34	22 8	0 36	3 48	0 37	4 25	1 50	27 16	10 11	12 55	13 25	18 35	11 13	1 4
S 17	0 10	8 27	4 50	8 24	1 16	18 23	2 12	16 26	0 39	11 0	1 34	22 8	0 36	3 49	0 37	4 24	1 50	27 16	10 11	12 57	13 26	18 35	11 12	1 4
M18	0s13	12 11	5 8	8 10	1 26	18 47	2 16	16 39	0 40	11 2	1 34	22 8	0 36	3 51	0 37	4 24	1 50	27 16	10 11	12 59	13 27	18 35	11 11	1 4
T 19	0 37	15 15	5 11	7 53	1 34	19 10	2 20	16 53	0 40	11 4	1 34	22 8	0 36	3 52	0 37	4 23	1 51	27 16	10 11	13 0	13 29	18 34	11 10	1 4
W20	1 1	17 31	4 58	7 31	1 41	19 33	2 24	17 6	0 41	11 6	1 33	22 8	0 36	3 54	0 37	4 23	1 51	27 16	10 10	13 2	13 30	18 34	11 9	1 4
T 21	1 24	18 56	4 32	7 6	1 47	19 55	2 28	17 19	0 41	11 9	1 33	22 8	0 36	3 55	0 37	4 22	1 51	27 16	10 10	13 2	13 31	18 33	11 8	1 4
F 22	1 48	19 28	3 55	6 38	1 51	20 17	2 32	17 32	0 42	11 11	1 33	22 8	0 36	3 57	0 37	4 21	1 51	27 16	10 10	13 2	13 32	18 33	11 7	1 4
S 23	2 12	19 9	3 7	6 8	1 55	20 38	2 35	17 45	0 42	11 13	1 33	22 8	0 36	3 58	0 37	4 21	1 51	27 16	10 10	13 2	13 33	18 32	11 6	1 4
S 24	2 35	17 58	2 12	5 35	1 57	20 59	2 39	17 58	0 43	11 15	1 33	22 8	0 36	4 0	0 37	4 20	1 51	27 16	10 10	13 2	13 34	18 32	11 5	1 4
M25	2 59	16 1	1 12	4 59	1 59	21 20	2 42	18 10	0 44	11 17	1 33	22 8	0 37	4 1	0 37	4 19	1 51	27 16	10 10	13 1	13 35	18 31	11 4	1 4
T 26	3 23	13 21	0 7	4 22	1 59	21 40	2 46	18 23	0 44	11 18	1 33	22 8	0 37	4 2	0 37	4 19	1 51	27 16	10 9	13 1	13 36	18 30	11 3	1 4
W27	3 46	10 3	0n59	3 43	1 59	21 59	2 50	18 35	0 45	11 20	1 32	22 8	0 37	4 4	0 37	4 18	1 51	27 16	10 9	13 1	13 37	18 30	11 2	1 4
T 28	4 10	6 16	2 3	3 3	1 58	22 18	2 53	18 47	0 45	11 22	1 32	22 8	0 37	4 5	0 37	4 17	1 51	27 16	10 9	13 2	13 38	18 29	11 0	1 4
F 29	4 33	2 8	3 2	2 22	1 56	22 37	2 56	18 59	0 46	11 24	1 32	22 8	0 37	4 7	0 37	4 17	1 51	27 16	10 9	13 4	13 39	18 29	10 59	1 3
S 30	4s57	2s11	3n53	1n40	1n54	22s55	3s 0	19s11	0s46	11s25	1s32	22s 8	0s37	4s 8	0n37	4n16	1s51	27s16	10s 9	13n 6	13n40	18n28	10n58	1n 3

Julian Day Number = 2104448.5, Delta T = 20m43s
Ecliptic obliquity = 23°33'38, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'36, Lahiri = 10°36'37 Julian Calendar 1 Sept. 1049 == Greg. Calendar 7 Sept. 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

OCTOBER 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	1 1 17	13♎27'11	27♎45	1♎53	29♏54	23♏ 2	4°R11	23♑22	11♎54	15°R 3	11°R 2	25°R20	23♌42	28♋ 5	25°R40	S 1
M 2	1 5 13	14°26'58	11♏13	3°34	0♐58	23°46	4♓ 7	23°23	11°58	15♈ 1	11♒ 2	25♌11	23°39	28°12	25♈37	M 2
T 3	1 9 10	15°26'47	24°53	5°16	2° 3	24°29	4° 3	23°24	12° 2	14°59	11° 1	25° 3	23°36	28°19	25°35	T 3
W 4	1 13 6	16°26'38	8♐42	6°57	3° 7	25°13	3°59	23°25	12° 6	14°58	11° 1	24°56	23°33	28°25	25°32	W 4
T 5	1 17 3	17°26'31	22°39	8°39	4°10	25°57	3°55	23°27	12° 9	14°56	11° 0	24°51	23°30	28°32	25°29	T 5
F 6	1 21 0	18°26'26	6♑41	10°20	5°14	26°41	3°51	23°28	12°13	14°54	11° 0	24°48	23°26	28°39	25°26	F 6
S 7	1 24 56	19°26'22	20°47	12° 2	6°17	27°25	3°48	23°29	12°17	14°53	11° 0	24°D48	23°23	28°45	25°23	S 7
S 8	1 28 53	20°26'20	4♒55	13°43	7°20	28° 9	3°45	23°31	12°21	14°51	10°59	24°48	23°20	28°52	25°20	S 8
M 9	1 32 49	21°26'19	19° 4	15°23	8°23	28°53	3°42	23°33	12°24	14°49	10°59	24°R49	23°17	28°59	25°17	M 9
T 10	1 36 46	22°26'20	3♓13	17° 4	9°25	29°38	3°39	23°34	12°28	14°48	10°59	24°49	23°14	29° 5	25°15	T 10
W11	1 40 42	23°26'23	17°20	18°44	10°27	0♐22	3°36	23°36	12°32	14°46	10°59	24°47	23°10	29°12	25°12	W11
T 12	1 44 39	24°26'28	1♈21	20°23	11°29	1° 6	3°34	23°38	12°36	14°44	10°59	24°42	23° 7	29°19	25° 9	T 12
F 13	1 48 35	25°26'34	15°13	22° 3	12°30	1°51	3°31	23°40	12°39	14°43	10°58	24°35	23° 4	29°25	25° 6	F 13
S 14	1 52 32	26°26'42	28°53	23°41	13°31	2°35	3°29	23°43	12°43	14°41	10°58	24°25	23° 1	29°32	25° 3	S 14
S 15	1 56 29	27°26'52	12♉16	25°20	14°32	3°20	3°27	23°45	12°47	14°39	10°58	24°14	22°58	29°39	25° 0	S 15
M16	2 0 25	28°27'04	25°21	26°58	15°32	4° 4	3°26	23°47	12°50	14°38	10°58	24° 3	22°55	29°45	24°57	M16
T 17	2 4 22	29°27'17	8♊ 7	28°35	16°32	4°49	3°24	23°50	12°54	14°36	10°58	23°52	22°51	29°52	24°54	T 17
W18	2 8 18	0♏27'33	20°34	0♏12	17°31	5°33	3°23	23°52	12°58	14°34	10°58	23°43	22°48	29°59	24°51	W18
T 19	2 12 15	1°27'51	2♋46	1°49	18°30	6°18	3°22	23°55	13° 1	14°33	10°D58	23°37	22°45	0♌ 5	24°49	T 19
F 20	2 16 11	2°28'11	14°45	3°25	19°29	7° 3	3°21	23°58	13° 5	14°31	10°58	23°33	22°42	0°12	24°46	F 20
S 21	2 20 8	3°28'33	26°36	5° 1	20°27	7°48	3°20	24° 0	13° 9	14°30	10°58	23°31	22°39	0°19	24°43	S 21
S 22	2 24 4	4°28'57	8♌24	6°37	21°25	8°33	3°20	24° 3	13°12	14°28	10°58	23°D31	22°36	0°25	24°40	S 22
M23	2 28 1	5°29'22	20°15	8°12	22°22	9°18	3°20	24° 6	13°16	14°27	10°58	23°R32	22°32	0°32	24°37	M23
T 24	2 31 58	6°29'50	2♍14	9°47	23°19	10° 3	3°D20	24° 9	13°19	14°25	10°58	23°31	22°29	0°39	24°34	T 24
W25	2 35 54	7°30'20	14°26	11°22	24°15	10°48	3°20	24°13	13°23	14°24	10°58	23°29	22°26	0°45	24°32	W25
T 26	2 39 51	8°30'51	26°56	12°57	25°11	11°33	3°20	24°16	13°26	14°22	10°58	23°25	22°23	0°52	24°29	T 26
F 27	2 43 47	9°31'24	9♎47	14°31	26° 6	12°19	3°21	24°19	13°30	14°21	10°59	23°18	22°20	0°59	24°26	F 27
S 28	2 47 44	10°31'59	23° 0	16° 5	27° 1	13° 4	3°22	24°23	13°33	14°19	10°59	23° 8	22°16	1° 5	24°23	S 28
S 29	2 51 40	11°32'35	6♏35	17°38	27°55	13°49	3°23	24°26	13°37	14°18	10°59	22°56	22°13	1°12	24°20	S 29
M30	2 55 37	12°33'14	20°28	19°12	28°49	14°35	3°24	24°30	13°40	14°16	10°59	22°44	22°10	1°19	24°18	M30
T 31	2 59 33	13♏33'53	4♐36	20♏45	29♐41	15♐20	3♓25	24♑34	13♎44	14♈15	11♒ 0	22♌31	22♌ 7	1♌25	24♈15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	5s20	6s29	4n32	0n57	1n51	23s12	3s 3	19s23	0s47	11s27	1s32	22s 8	0s37	4s10	0n37	4n15	1s51	27s16	10s 9	13n 9	13n41	18n28	10n57	1n 3
M 2	5 43	10 33	4 58	0 13	1 48	23 29	3 6	19 34	0 47	11 28	1 32	22 8	0 37	4 11	0 37	4 15	1 51	27 16	10 8	13 12	13 42	18 27	10 56	1 3
T 3	6 7	14 7	5 7	0s30	1 44	23 46	3 9	19 46	0 48	11 30	1 31	22 7	0 37	4 13	0 37	4 14	1 51	27 16	10 8	13 14	13 43	18 27	10 55	1 3
W 4	6 30	16 57	4 58	1 15	1 40	24 1	3 12	19 57	0 48	11 31	1 31	22 7	0 37	4 14	0 37	4 13	1 51	27 16	10 8	13 17	13 44	18 26	10 54	1 3
T 5	6 53	18 50	4 32	1 59	1 35	24 16	3 15	20 8	0 49	11 32	1 31	22 7	0 37	4 16	0 37	4 13	1 51	27 16	10 8	13 18	13 45	18 26	10 53	1 3
F 6	7 16	19 35	3 49	2 44	1 30	24 31	3 18	20 19	0 49	11 33	1 31	22 7	0 37	4 17	0 37	4 12	1 51	27 16	10 8	13 19	13 46	18 25	10 52	1 3
S 7	7 39	19 6	2 52	3 28	1 25	24 45	3 20	20 29	0 50	11 34	1 31	22 7	0 37	4 19	0 37	4 11	1 51	27 16	10 7	13 19	13 48	18 25	10 51	1 3
S 8	8 1	17 26	1 45	4 13	1 20	24 59	3 23	20 40	0 50	11 35	1 30	22 6	0 37	4 20	0 37	4 11	1 51	27 16	10 7	13 19	13 49	18 24	10 49	1 3
M 9	8 24	14 42	0 31	4 57	1 14	25 11	3 25	20 50	0 51	11 36	1 30	22 6	0 37	4 22	0 37	4 10	1 51	27 16	10 7	13 19	13 50	18 23	10 48	1 3
T 10	8 47	11 4	0s45	5 41	1 8	25 24	3 28	21 0	0 51	11 37	1 30	22 6	0 37	4 23	0 37	4 10	1 51	27 16	10 7	13 19	13 51	18 23	10 47	1 3
W11	9 9	6 50	1 57	6 25	1 2	25 35	3 30	21 10	0 52	11 38	1 30	22 5	0 37	4 25	0 37	4 9	1 51	27 16	10 7	13 20	13 52	18 22	10 46	1 3
T 12	9 31	2 15	3 2	7 8	0 56	25 46	3 32	21 20	0 52	11 39	1 30	22 5	0 37	4 26	0 37	4 8	1 51	27 15	10 6	13 21	13 53	18 22	10 45	1 3
F 13	9 53	2n24	3 55	7 52	0 50	25 57	3 34	21 30	0 53	11 39	1 29	22 5	0 37	4 28	0 37	4 8	1 51	27 15	10 6	13 24	13 54	18 21	10 44	1 3
S 14	10 15	6 51	4 34	8 34	0 43	26 7	3 36	21 39	0 53	11 40	1 29	22 4	0 37	4 29	0 37	4 7	1 51	27 15	10 6	13 27	13 55	18 21	10 43	1 2
S 15	10 37	10 53	4 57	9 17	0 37	26 16	3 38	21 48	0 54	11 40	1 29	22 4	0 37	4 30	0 37	4 6	1 51	27 15	10 6	13 31	13 56	18 20	10 42	1 2
M16	10 59	14 17	5 3	9 58	0 30	26 24	3 40	21 57	0 54	11 41	1 29	22 4	0 37	4 32	0 37	4 6	1 51	27 15	10 6	13 34	13 57	18 19	10 40	1 2
T 17	11 20	16 56	4 54	10 40	0 24	26 32	3 41	22 6	0 54	11 41	1 29	22 3	0 37	4 33	0 37	4 5	1 51	27 15	10 5	13 38	13 58	18 19	10 39	1 2
W18	11 41	18 43	4 31	11 20	0 17	26 40	3 42	22 14	0 55	11 41	1 28	22 3	0 37	4 35	0 37	4 5	1 51	27 14	10 5	13 41	13 59	18 18	10 38	1 2
T 19	12 3	19 36	3 56	12 0	0 10	26 46	3 44	22 23	0 55	11 41	1 28	22 2	0 37	4 36	0 37	4 4	1 51	27 14	10 5	13 43	14 0	18 18	10 37	1 2
F 20	12 23	19 34	3 11	12 40	0 4	26 53	3 45	22 31	0 56	11 42	1 28	22 2	0 37	4 38	0 37	4 3	1 51	27 14	10 5	13 44	14 1	18 17	10 36	1 2
S 21	12 44	18 41	2 18	13 19	0s 3	26 58	3 46	22 39	0 56	11 42	1 28	22 1	0 37	4 39	0 37	4 3	1 50	27 14	10 5	13 45	14 2	18 16	10 35	1 2
S 22	13 5	16 58	1 20	13 57	0 10	27 3	3 47	22 46	0 56	11 42	1 27	22 1	0 37	4 40	0 37	4 2	1 50	27 14	10 4	13 45	14 3	18 16	10 34	1 2
M23	13 25	14 32	0 17	14 34	0 16	27 7	3 47	22 54	0 57	11 41	1 27	22 0	0 37	4 42	0 37	4 2	1 50	27 13	10 4	13 45	14 4	18 15	10 32	1 2
T 24	13 45	11 27	0n46	15 11	0 23	27 11	3 48	23 1	0 57	11 41	1 27	22 0	0 37	4 43	0 37	4 1	1 50	27 13	10 4	13 45	14 5	18 14	10 31	1 2
W25	14 5	7 50	1 49	15 47	0 29	27 14	3 48	23 8	0 58	11 41	1 27	21 59	0 37	4 44	0 37	4 0	1 50	27 13	10 4	13 45	14 6	18 14	10 30	1 2
T 26	14 25	3 47	2 47	16 22	0 36	27 16	3 48	23 14	0 58	11 41	1 26	21 59	0 37	4 46	0 37	4 0	1 50	27 13	10 4	13 47	14 7	18 13	10 29	1 1
F 27	14 44	0s32	3 39	16 57	0 42	27 18	3 48	23 21	0 58	11 40	1 26	21 58	0 37	4 47	0 37	3 59	1 50	27 12	10 3	13 49	14 8	18 13	10 28	1 1
S 28	15 3	4 57	4 21	17 30	0 48	27 19	3 48	23 27	0 59	11 40	1 26	21 58	0 37	4 49	0 37	3 59	1 50	27 12	10 3	13 53	14 9	18 12	10 27	1 1
S 29	15 22	9 14	4 49	18 3	0 55	27 20	3 47	23 33	0 59	11 39	1 26	21 57	0 37	4 50	0 37	3 58	1 50	27 12	10 3	13 56	14 10	18 11	10 26	1 1
M30	15 41	13 8	5 0	18 35	1 1	27 20	3 47	23 39	0 59	11 38	1 26	21 56	0 37	4 51	0 37	3 58	1 50	27 12	10 3	14 1	14 11	18 11	10 25	1 1
T 31	15s59	16s21	4n54	19s 6	1s 7	27s19	3s46	23s44	1s 0	11s38	1s25	21s56	0s37	4s53	0n37	3n57	1s50	27s11	10s 3	14n 5	14n13	18n10	10n24	1n 1

Julian Day Number = 2104478.5, Delta T = 20m43s
Ecliptic obliquity = 23°33'38, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'40, Lahiri = 10°36'41 Julian Calendar 1 Oct. 1049 == Greg. Calendar 7 Oct. 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

NOVEMBER 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	3 3 30	14♏34'34	18♐53	22♏18	0♑34	16♐ 6	3♓27	24♑37	13♎47	14°R13	11♒ 0	22°R21	22♌ 4	1♌32	24°R12	W 1
T 2	3 7 27	15°35'17	3♑13	23°51	1°25	16°52	3°29	24°41	13°50	14♈12	11° 0	22♌13	22° 1	1°38	24♈10	T 2
F 3	3 11 23	16°36'00	17°32	25°24	2°16	17°37	3°31	24°45	13°54	14°11	11° 1	22° 8	21°57	1°45	24° 7	F 3
S 4	3 15 20	17°36'45	1♒46	26°56	3° 6	18°23	3°33	24°49	13°57	14° 9	11° 1	22° 6	21°54	1°52	24° 4	S 4
S 5	3 19 16	18°37'30	15°54	28°29	3°55	19° 9	3°35	24°54	14° 0	14° 8	11° 2	22° 5	21°51	1°58	24° 2	S 5
M 6	3 23 13	19°38'17	29°53	0♐ 1	4°43	19°55	3°38	24°58	14° 4	14° 7	11° 2	22° 5	21°48	2° 5	23°59	M 6
T 7	3 27 9	20°39'05	13♓45	1°33	5°31	20°40	3°41	25° 2	14° 7	14° 5	11° 3	22° 4	21°45	2°12	23°57	T 7
W 8	3 31 6	21°39'53	27°29	3° 5	6°17	21°26	3°44	25° 6	14°10	14° 4	11° 3	22° 1	21°42	2°18	23°54	W 8
T 9	3 35 2	22°40'43	11♈ 4	4°36	7° 3	22°12	3°47	25°11	14°13	14° 3	11° 4	21°55	21°38	2°25	23°52	T 9
F 10	3 38 59	23°41'33	24°30	6° 8	7°47	22°58	3°51	25°15	14°16	14° 2	11° 4	21°46	21°35	2°32	23°49	F 10
S 11	3 42 56	24°42'25	7♉46	7°39	8°31	23°44	3°54	25°20	14°19	14° 0	11° 5	21°34	21°32	2°38	23°47	S 11
S 12	3 46 52	25°43'18	20°49	9°10	9°13	24°30	3°58	25°25	14°23	13°59	11° 5	21°21	21°29	2°45	23°45	S 12
M13	3 50 49	26°44'11	3♊38	10°41	9°55	25°17	4° 2	25°29	14°26	13°58	11° 6	21° 7	21°26	2°52	23°42	M13
T 14	3 54 45	27°45'06	16°13	12°11	10°35	26° 3	4° 6	25°34	14°29	13°57	11° 7	20°53	21°22	2°58	23°40	T 14
W15	3 58 42	28°46'03	28°34	13°41	11°14	26°49	4°11	25°39	14°32	13°56	11° 7	20°42	21°19	3° 5	23°38	W15
T 16	4 2 38	29°47'00	10♋41	15°11	11°52	27°35	4°15	25°44	14°34	13°55	11° 8	20°33	21°16	3°12	23°36	T 16
F 17	4 6 35	0♐47'58	22°37	16°40	12°28	28°22	4°20	25°49	14°37	13°54	11° 9	20°28	21°13	3°18	23°33	F 17
S 18	4 10 31	1°48'58	4♌27	18° 9	13° 3	29° 8	4°25	25°54	14°40	13°53	11°10	20°24	21°10	3°25	23°31	S 18
S 19	4 14 28	2°49'59	16°14	19°37	13°37	29°54	4°30	26° 0	14°43	13°52	11°10	20°D23	21° 7	3°32	23°29	S 19
M20	4 18 25	3°51'01	28° 3	21° 4	14° 9	0♑41	4°35	26° 5	14°46	13°51	11°11	20°R23	21° 3	3°38	23°27	M20
T 21	4 22 21	4°52'04	10♍ 0	22°31	14°40	1°27	4°41	26°10	14°49	13°50	11°12	20°23	21° 0	3°45	23°25	T 21
W22	4 26 18	5°53'08	22°11	23°56	15° 9	2°14	4°46	26°16	14°51	13°49	11°13	20°22	20°57	3°52	23°23	W22
T 23	4 30 14	6°54'13	4♎41	25°20	15°37	3° 0	4°52	26°21	14°54	13°48	11°14	20°19	20°54	3°58	23°21	T 23
F 24	4 34 11	7°55'19	17°34	26°42	16° 2	3°47	4°58	26°26	14°57	13°47	11°15	20°13	20°51	4° 5	23°19	F 24
S 25	4 38 7	8°56'25	0♏54	28° 3	16°27	4°34	5° 4	26°32	14°59	13°46	11°16	20° 5	20°47	4°12	23°17	S 25
S 26	4 42 4	9°57'33	14°40	29°22	16°49	5°20	5°11	26°38	15° 2	13°46	11°17	19°54	20°44	4°18	23°16	S 26
M27	4 46 0	10°58'42	28°50	0♑38	17° 9	6° 7	5°17	26°43	15° 4	13°45	11°18	19°43	20°41	4°25	23°14	M27
T 28	4 49 57	11°59'51	13♐20	1°51	17°27	6°54	5°24	26°49	15° 7	13°44	11°19	19°32	20°38	4°31	23°12	T 28
W29	4 53 54	13° 1'01	28° 4	3° 1	17°44	7°41	5°31	26°55	15° 9	13°44	11°20	19°22	20°35	4°38	23°11	W29
T 30	4 57 50	14♐ 2'12	12♑51	4♑ 7	17♑58	8♑27	5♓38	27♑ 1	15♎12	13♈43	11♒21	19♌15	20♌32	4♌45	23♈ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	16s18	18s37	4n29	19s36	1s13	27s18	3s45	23s50	1s 0	11s37	1s25	21s55	0s37	4s54	0n37	3n57	1s50	27s11	10s 2	14n 8	14n14	18n 9	10n23	1n 1
T 2	16 35	19 44	3 48	20 6	1 18	27 17	3 43	23 55	1 0	11 36	1 25	21 54	0 37	4 55	0 37	3 56	1 50	27 11	10 2	14 11	14 15	18 9	10 21	1 1
F 3	16 53	19 34	2 52	20 34	1 24	27 14	3 42	23 59	1 1	11 35	1 25	21 54	0 37	4 56	0 37	3 56	1 50	27 10	10 2	14 12	14 16	18 8	10 20	1 1
S 4	17 10	18 9	1 45	21 1	1 29	27 12	3 40	24 4	1 1	11 34	1 24	21 53	0 37	4 58	0 37	3 55	1 50	27 10	10 2	14 13	14 17	18 7	10 19	1 1
S 5	17 27	15 38	0 33	21 27	1 34	27 8	3 38	24 8	1 1	11 33	1 24	21 52	0 37	4 59	0 37	3 55	1 50	27 10	10 2	14 13	14 18	18 7	10 18	1 0
M 6	17 44	12 13	0s41	21 52	1 39	27 4	3 36	24 12	1 2	11 32	1 24	21 51	0 37	5 0	0 37	3 54	1 50	27 9	10 1	14 13	14 19	18 6	10 17	1 0
T 7	18 0	8 9	1 52	22 16	1 44	27 0	3 34	24 16	1 2	11 30	1 24	21 51	0 37	5 1	0 37	3 54	1 50	27 9	10 1	14 13	14 20	18 5	10 16	1 0
W 8	18 16	3 41	2 55	22 39	1 49	26 55	3 31	24 19	1 2	11 29	1 23	21 50	0 37	5 3	0 37	3 53	1 50	27 9	10 1	14 14	14 21	18 5	10 15	1 0
T 9	18 32	0n54	3 48	23 1	1 53	26 50	3 28	24 22	1 2	11 28	1 23	21 49	0 37	5 4	0 37	3 53	1 50	27 8	10 1	14 16	14 22	18 4	10 14	1 0
F 10	18 47	5 24	4 27	23 22	1 57	26 44	3 25	24 25	1 3	11 26	1 23	21 48	0 37	5 5	0 37	3 52	1 50	27 8	10 1	14 19	14 23	18 3	10 13	1 0
S 11	19 2	9 34	4 52	23 41	2 1	26 38	3 21	24 28	1 3	11 25	1 23	21 47	0 37	5 6	0 37	3 52	1 50	27 8	10 0	14 23	14 24	18 3	10 12	1 0
S 12	19 17	13 13	5 0	23 59	2 4	26 31	3 17	24 30	1 3	11 23	1 22	21 47	0 37	5 7	0 37	3 51	1 50	27 7	10 0	14 28	14 25	18 2	10 11	1 0
M13	19 32	16 11	4 53	24 16	2 7	26 24	3 13	24 32	1 3	11 21	1 22	21 46	0 37	5 9	0 37	3 51	1 50	27 7	10 0	14 32	14 26	18 1	10 10	1 0
T 14	19 46	18 20	4 32	24 31	2 10	26 17	3 9	24 34	1 4	11 19	1 22	21 45	0 37	5 10	0 37	3 51	1 50	27 7	10 0	14 36	14 27	18 0	10 9	1 0
W15	19 59	19 35	3 58	24 45	2 13	26 9	3 4	24 35	1 4	11 18	1 22	21 44	0 37	5 11	0 37	3 50	1 50	27 6	10 0	14 40	14 28	18 0	10 8	0 59
T 16	20 12	19 54	3 14	24 58	2 15	26 0	2 59	24 36	1 4	11 16	1 21	21 43	0 37	5 12	0 37	3 50	1 50	27 6	9 59	14 43	14 29	17 59	10 7	0 59
F 17	20 25	19 19	2 22	25 9	2 17	25 52	2 54	24 37	1 4	11 14	1 21	21 42	0 38	5 13	0 37	3 50	1 50	27 5	9 59	14 45	14 30	17 58	10 6	0 59
S 18	20 38	17 54	1 24	25 19	2 18	25 42	2 48	24 38	1 5	11 12	1 21	21 41	0 38	5 14	0 37	3 49	1 50	27 5	9 59	14 46	14 31	17 58	10 6	0 59
S 19	20 50	15 42	0 22	25 28	2 19	25 33	2 42	24 38	1 5	11 10	1 21	21 40	0 38	5 15	0 37	3 49	1 50	27 5	9 59	14 46	14 32	17 57	10 5	0 59
M20	21 2	12 51	0n41	25 35	2 19	25 23	2 36	24 39	1 5	11 8	1 21	21 39	0 38	5 16	0 37	3 49	1 49	27 4	9 59	14 46	14 33	17 56	10 4	0 59
T 21	21 13	9 26	1 42	25 40	2 19	25 13	2 29	24 38	1 5	11 5	1 20	21 38	0 38	5 17	0 37	3 48	1 49	27 4	9 58	14 46	14 34	17 55	10 3	0 59
W22	21 24	5 34	2 40	25 44	2 19	25 3	2 22	24 38	1 5	11 3	1 20	21 37	0 38	5 19	0 37	3 48	1 49	27 3	9 58	14 46	14 35	17 55	10 2	0 59
T 23	21 34	1 23	3 33	25 46	2 17	24 52	2 15	24 37	1 6	11 1	1 20	21 36	0 38	5 20	0 37	3 48	1 49	27 3	9 58	14 47	14 36	17 54	10 1	0 59
F 24	21 44	3s 0	4 15	25 46	2 15	24 41	2 7	24 36	1 6	10 58	1 20	21 35	0 38	5 21	0 37	3 47	1 49	27 2	9 58	14 49	14 37	17 53	10 1	0 58
S 25	21 54	7 22	4 46	25 45	2 13	24 30	1 59	24 35	1 6	10 56	1 19	21 34	0 38	5 22	0 37	3 47	1 49	27 2	9 58	14 52	14 38	17 53	10 0	0 58
S 26	22 3	11 31	5 1	25 43	2 9	24 19	1 50	24 33	1 6	10 53	1 19	21 33	0 38	5 23	0 37	3 47	1 49	27 2	9 57	14 55	14 39	17 52	9 59	0 58
M27	22 12	15 8	4 59	25 38	2 5	24 7	1 41	24 31	1 6	10 51	1 19	21 32	0 38	5 23	0 37	3 47	1 49	27 1	9 57	14 59	14 40	17 51	9 58	0 58
T 28	22 21	17 56	4 37	25 33	2 0	23 56	1 32	24 29	1 6	10 48	1 19	21 31	0 38	5 24	0 37	3 46	1 49	27 1	9 57	15 2	14 41	17 50	9 57	0 58
W29	22 29	19 36	3 57	25 25	1 54	23 44	1 22	24 27	1 7	10 45	1 19	21 30	0 38	5 25	0 38	3 46	1 49	27 0	9 57	15 5	14 42	17 50	9 57	0 58
T 30	22s36	19s56	3n 1	25s17	1s47	23s32	1s11	24s24	1s 7	10s42	1s18	21s29	0s38	5s26	0n38	3n46	1s49	27s 0	9s57	15n 8	14n43	17n49	9n56	0n58

Julian Day Number = 2104509.5, Delta T = 20m42s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'45, Lahiri = 10°36'45 Julian Calendar 1 Nov. 1049 == Greg. Calendar 7 Nov. 1049

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ASTRODIENST EPHEMERIS for the year 1049
geocentric

DECEMBER 1049 JC — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	5 1 47	15♐ 3'23	27♑36	5♑ 8	18♑10	9♑14	5♓45	27♑ 7	15♎14	13°R42	11♒22	19°R10	20♌28	4♌51	23°R 8	F 1
S 2	5 5 43	16° 4'33	12♒10	6° 5	18°20	10° 1	5°52	27°13	15°16	13♈42	11°23	19♌ 8	20°25	4°58	23♈ 6	S 2
S 3	5 9 40	17° 5'44	26°31	6°55	18°27	10°48	6° 0	27°19	15°19	13°41	11°24	19°D 8	20°22	5° 5	23° 5	S 3
M 4	5 13 36	18° 6'55	10♓37	7°39	18°33	11°35	6° 8	27°25	15°21	13°41	11°25	19° 9	20°19	5°11	23° 3	M 4
T 5	5 17 33	19° 8'06	24°25	8°14	18°35	12°22	6°15	27°31	15°23	13°40	11°26	19°R 9	20°16	5°18	23° 2	T 5
W 6	5 21 29	20° 9'17	7♈59	8°42	18°R36	13° 9	6°23	27°37	15°25	13°40	11°27	19° 7	20°13	5°25	23° 1	W 6
T 7	5 25 26	21°10'28	21°18	9° 0	18°34	13°56	6°31	27°43	15°27	13°39	11°29	19° 3	20° 9	5°31	22°59	T 7
F 8	5 29 23	22°11'39	4♉23	9°R 7	18°29	14°43	6°40	27°50	15°29	13°39	11°30	18°57	20° 6	5°38	22°58	F 8
S 9	5 33 19	23°12'50	17°17	9° 4	18°22	15°30	6°48	27°56	15°31	13°38	11°31	18°48	20° 3	5°45	22°57	S 9
S 10	5 37 16	24°14'01	29°58	8°49	18°12	16°17	6°57	28° 2	15°33	13°38	11°32	18°38	20° 0	5°51	22°56	S 10
M11	5 41 12	25°15'12	12♊29	8°22	18° 0	17° 4	7° 5	28° 9	15°35	13°38	11°34	18°27	19°57	5°58	22°55	M11
T 12	5 45 9	26°16'22	24°48	7°43	17°45	17°51	7°14	28°15	15°37	13°38	11°35	18°17	19°53	6° 5	22°54	T 12
W13	5 49 5	27°17'33	6♋57	6°53	17°28	18°39	7°23	28°22	15°39	13°37	11°36	18° 9	19°50	6°11	22°53	W13
T 14	5 53 2	28°18'44	18°57	5°53	17° 8	19°26	7°32	28°28	15°40	13°37	11°38	18° 2	19°47	6°18	22°52	T 14
F 15	5 56 58	29°19'55	0♌50	4°45	16°46	20°13	7°41	28°35	15°42	13°37	11°39	17°58	19°44	6°25	22°52	F 15
S 16	6 0 55	0♑21'06	12°38	3°29	16°22	21° 0	7°51	28°41	15°44	13°37	11°40	17°D56	19°41	6°31	22°51	S 16
S 17	6 4 52	1°22'17	24°24	2°10	15°56	21°47	8° 0	28°48	15°45	13°37	11°42	17°56	19°38	6°38	22°50	S 17
M18	6 8 48	2°23'28	6♍13	0°50	15°28	22°35	8°10	28°55	15°47	13°37	11°43	17°58	19°34	6°44	22°50	M18
T 19	6 12 45	3°24'39	18° 9	29♐30	14°58	23°22	8°20	29° 1	15°48	13°D37	11°45	17°59	19°31	6°51	22°49	T 19
W20	6 16 41	4°25'50	0♎17	28°14	14°26	24° 9	8°30	29° 8	15°50	13°37	11°46	18°R 0	19°28	6°58	22°49	W20
T 21	6 20 38	5°27'01	12°43	27° 4	13°53	24°57	8°40	29°15	15°51	13°37	11°47	18° 0	19°25	7° 4	22°48	T 21
F 22	6 24 34	6°28'12	25°32	26° 0	13°19	25°44	8°50	29°22	15°53	13°37	11°49	17°58	19°22	7°11	22°48	F 22
S 23	6 28 31	7°29'22	8♏47	25° 6	12°44	26°31	9° 0	29°29	15°54	13°37	11°50	17°54	19°19	7°18	22°48	S 23
S 24	6 32 27	8°30'33	22°30	24°21	12° 8	27°19	9°10	29°36	15°55	13°37	11°52	17°49	19°15	7°24	22°47	S 24
M25	6 36 24	9°31'44	6♐42	23°45	11°31	28° 6	9°21	29°42	15°56	13°37	11°53	17°43	19°12	7°31	22°47	M25
T 26	6 40 21	10°32'54	21°19	23°19	10°54	28°53	9°31	29°49	15°57	13°38	11°55	17°37	19° 9	7°38	22°47	T 26
W27	6 44 17	11°34'04	6♑15	23° 3	10°18	29°41	9°42	29°56	15°58	13°38	11°56	17°31	19° 6	7°44	22°47	W27
T 28	6 48 14	12°35'13	21°21	22°D56	9°41	0♒28	9°53	0♒ 3	15°59	13°38	11°58	17°28	19° 3	7°51	22°D47	T 28
F 29	6 52 10	13°36'22	6♒28	22°57	9° 5	1°16	10° 4	0°10	16° 0	13°39	12° 0	17°25	18°59	7°58	22°47	F 29
S 30	6 56 7	14°37'30	21°26	23° 7	8°30	2° 3	10°15	0°17	16° 1	13°39	12° 1	17°D25	18°56	8° 4	22°47	S 30
S 31	7 0 3	15♑38'37	6♓ 9	23♐23	7♑55	2♒50	10♓26	0♒24	16♎ 2	13♈39	12♒ 3	17♌26	18♌53	8♌11	22♈47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22s43	18s55	1n52	25s 7	1s39	23s19	1s 1	24s21	1s 7	10s39	1s18	21s28	0s38	5s27	0n38	3n46	1s49	26s59	9s57	15n 9	14n44	17n48	9n55	0n58
S 2	22 50	16 38	0 37	24 55	1 30	23 7	0 50	24 18	1 7	10 37	1 18	21 27	0 38	5 28	0 38	3 46	1 49	26 59	9 56	15 10	14 45	17 47	9 55	0 57
S 3	22 56	13 21	0s39	24 42	1 20	22 55	0 38	24 14	1 7	10 34	1 18	21 25	0 38	5 29	0 38	3 45	1 49	26 58	9 56	15 10	14 46	17 46	9 54	0 57
M 4	23 2	9 21	1 52	24 28	1 8	22 42	0 26	24 10	1 7	10 31	1 17	21 24	0 38	5 30	0 38	3 45	1 49	26 58	9 56	15 9	14 47	17 46	9 53	0 57
T 5	23 7	4 56	2 57	24 14	0 56	22 29	0 14	24 6	1 7	10 27	1 17	21 23	0 38	5 31	0 38	3 45	1 49	26 57	9 56	15 9	14 48	17 45	9 53	0 57
W 6	23 12	0 21	3 51	23 58	0 42	22 17	0 1	24 1	1 7	10 24	1 17	21 22	0 38	5 31	0 38	3 45	1 49	26 57	9 56	15 10	14 49	17 44	9 52	0 57
T 7	23 16	4n10	4 31	23 42	0 26	22 4	0n12	23 57	1 7	10 21	1 17	21 21	0 38	5 32	0 38	3 45	1 49	26 56	9 56	15 11	14 50	17 43	9 52	0 57
F 8	23 20	8 24	4 56	23 25	0 10	21 51	0 26	23 52	1 7	10 18	1 17	21 19	0 38	5 33	0 38	3 45	1 49	26 56	9 56	15 13	14 51	17 43	9 51	0 57
S 9	23 23	12 12	5 5	23 7	0n 7	21 38	0 40	23 46	1 8	10 14	1 16	21 18	0 38	5 34	0 38	3 45	1 48	26 55	9 55	15 16	14 52	17 42	9 51	0 57
S 10	23 26	15 22	5 0	22 50	0 26	21 26	0 54	23 41	1 8	10 11	1 16	21 17	0 38	5 34	0 38	3 45	1 48	26 55	9 55	15 19	14 53	17 41	9 50	0 56
M11	23 28	17 47	4 39	22 33	0 45	21 13	1 9	23 35	1 8	10 8	1 16	21 16	0 38	5 35	0 38	3 45	1 48	26 54	9 55	15 22	14 54	17 40	9 50	0 56
T 12	23 30	19 21	4 6	22 15	1 5	21 0	1 23	23 29	1 8	10 4	1 16	21 14	0 38	5 36	0 38	3 44	1 48	26 54	9 55	15 25	14 55	17 39	9 49	0 56
W13	23 32	20 0	3 22	21 59	1 24	20 47	1 38	23 22	1 8	10 1	1 16	21 13	0 38	5 36	0 38	3 44	1 48	26 53	9 55	15 28	14 56	17 38	9 49	0 56
T 14	23 33	19 44	2 30	21 42	1 44	20 34	1 54	23 16	1 8	9 57	1 15	21 12	0 38	5 37	0 38	3 44	1 48	26 53	9 55	15 30	14 57	17 38	9 48	0 56
F 15	23 34	18 35	1 31	21 26	2 2	20 22	2 9	23 9	1 8	9 53	1 15	21 11	0 38	5 38	0 38	3 44	1 48	26 52	9 55	15 31	14 58	17 37	9 48	0 56
S 16	23 34	16 39	0 29	21 11	2 20	20 9	2 25	23 2	1 8	9 50	1 15	21 9	0 39	5 38	0 38	3 44	1 48	26 52	9 55	15 32	14 59	17 36	9 47	0 56
S 17	23 33	14 0	0n35	20 57	2 35	19 57	2 40	22 54	1 8	9 46	1 15	21 8	0 39	5 39	0 38	3 44	1 48	26 51	9 54	15 32	15 0	17 35	9 47	0 56
M18	23 32	10 47	1 38	20 44	2 49	19 45	2 56	22 46	1 8	9 42	1 15	21 7	0 39	5 39	0 38	3 44	1 48	26 51	9 54	15 32	15 1	17 34	9 47	0 55
T 19	23 31	7 7	2 37	20 33	3 0	19 33	3 12	22 38	1 8	9 38	1 15	21 5	0 39	5 40	0 38	3 45	1 48	26 50	9 54	15 31	15 2	17 34	9 46	0 55
W20	23 29	3 5	3 30	20 24	3 9	19 21	3 27	22 30	1 8	9 34	1 14	21 4	0 39	5 40	0 38	3 45	1 48	26 50	9 54	15 31	15 3	17 33	9 46	0 55
T 21	23 27	1s 9	4 14	20 16	3 16	19 9	3 42	22 22	1 8	9 31	1 14	21 3	0 39	5 41	0 38	3 45	1 48	26 49	9 54	15 31	15 4	17 32	9 46	0 55
F 22	23 24	5 27	4 48	20 11	3 20	18 57	3 57	22 13	1 8	9 27	1 14	21 1	0 39	5 41	0 38	3 45	1 48	26 49	9 54	15 31	15 5	17 31	9 46	0 55
S 23	23 21	9 39	5 7	20 7	3 21	18 46	4 12	22 4	1 8	9 23	1 14	21 0	0 39	5 42	0 38	3 45	1 48	26 48	9 54	15 33	15 6	17 30	9 45	0 55
S 24	23 17	13 30	5 10	20 6	3 21	18 35	4 26	21 55	1 8	9 18	1 14	20 58	0 39	5 42	0 38	3 45	1 48	26 48	9 54	15 34	15 7	17 29	9 45	0 55
M25	23 13	16 42	4 54	20 7	3 18	18 25	4 40	21 45	1 8	9 14	1 14	20 57	0 39	5 43	0 38	3 45	1 48	26 47	9 54	15 36	15 8	17 28	9 45	0 55
T 26	23 8	18 58	4 19	20 9	3 14	18 15	4 53	21 35	1 8	9 10	1 13	20 56	0 39	5 43	0 38	3 45	1 47	26 47	9 54	15 38	15 9	17 28	9 45	0 54
W27	23 3	19 59	3 26	20 14	3 9	18 5	5 6	21 25	1 7	9 6	1 13	20 54	0 39	5 44	0 38	3 45	1 47	26 46	9 54	15 40	15 10	17 27	9 45	0 54
T 28	22 58	19 35	2 18	20 20	3 3	17 56	5 18	21 15	1 7	9 2	1 13	20 53	0 39	5 44	0 38	3 46	1 47	26 46	9 53	15 41	15 11	17 26	9 45	0 54
F 29	22 52	17 47	1 0	20 27	2 55	17 47	5 29	21 4	1 7	8 57	1 13	20 51	0 39	5 44	0 38	3 46	1 47	26 45	9 53	15 41	15 12	17 25	9 44	0 54
S 30	22 45	14 46	0s22	20 36	2 47	17 38	5 40	20 54	1 7	8 53	1 13	20 50	0 39	5 45	0 38	3 46	1 47	26 44	9 53	15 42	15 13	17 24	9 44	0 54
S 31	22s38	10s52	1s41	20s45	2n39	17s30	5n50	20s43	1s 7	8s49	1s13	20s48	0s39	5s45	0n38	3n46	1s47	26s44	9s53	15n41	15n14	17n23	9n44	0n54

Julian Day Number = 2104539.5, Delta T = 20m42s
Ecliptic obliquity = 23°33'37, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 11°29'49, Lahiri = 10°36'49 Julian Calendar 1 Dec. 1049 == Greg. Calendar 7 Dec. 1049

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